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# ECOLOGICAL INVESTIGATIONS OF PETROLEUM PRODUCTION PLATFORMS IN THE CENTRAL GULF OF MEXICO

VOLUME I—POLLUTANT FATE AND EFFECTS STUDIES

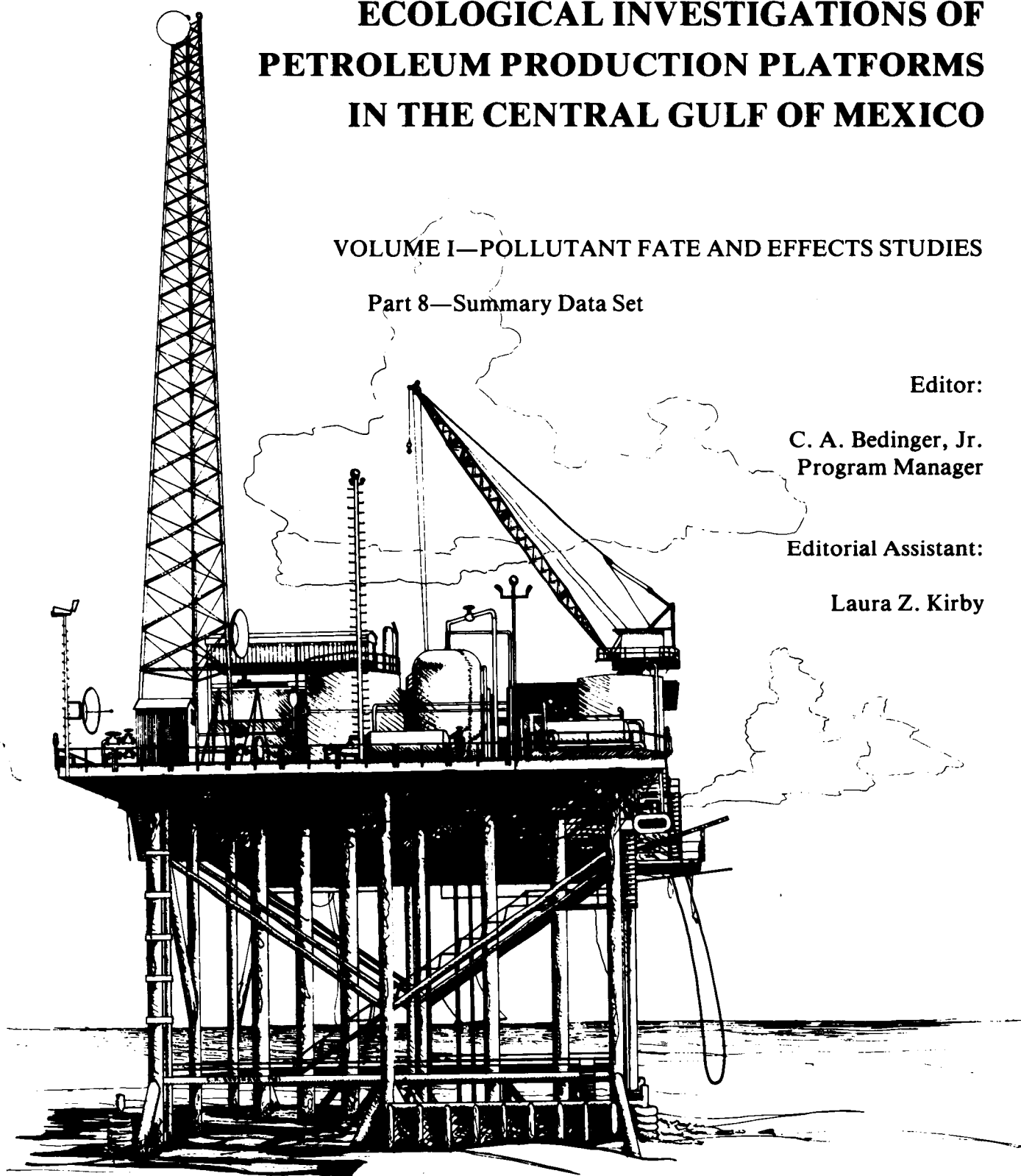
Part 8—Summary Data Set

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**ECOLOGICAL INVESTIGATIONS OF PETROLEUM  
PRODUCTION PLATFORMS IN THE  
CENTRAL GULF OF MEXICO**

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## GUIDE TO USERS

This report is in six separate bindings:

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Part 1 —Background, Program Organization and Study Plan  
Part 2 —Sediment Physical Characterization  
Part 3 —Organic Chemical Analyses
- 2 VOLUME I —POLLUTANT FATE AND EFFECTS STUDIES  
Part 4 —Trace Metals Studies in Sediment and Fauna  
Part 5 —Microbiology and Microbiological Processes
- 3 VOLUME I —POLLUTANT FATE AND EFFECTS STUDIES  
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Part 8—Summary Data Set

**VOLUME I—POLLUTANT FATE AND EFFECTS STUDIES**  
**Part 8—Summary Data Set**

by

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## INTRODUCTION

This part of the report on Ecological Investigations of Petroleum Production Platforms in the Central Gulf of Mexico contains the Data Summaries of all information gathered during the study. These data are given in sections according to work units identified in the contract and subsequently followed in task designations and reporting. Use the Table of Contents to locate specific data sets. Most of these summaries are self explanatory with platforms, sampling locations and sample types plainly marked. Some samples are listed according to a code such as 780801PE05002B2. This standard was established on preprinted sample labels prior to cruise embarkation, used for subsequent analyses and is applicable for all sample types except some regenerated microbiological data which is coded according to the following page. It is broken down as follows:

Date: 7808 (August 1978)  
Site: 01P (Primary Platform 1)  
Sample Location: E0500 (East Transect, 500 m)  
Sample Type: 2B2 (Hydrocarbons in Surficial Sediments).

All of the sample types are listed under one of the following codes used at the end of the standard sample label:

1AX Meteorology & Hydrography  
1B1 Sediment Texture  
1B2 Sediment Mineralogy  
1B3 Sediment Total Organic Carbon  
2A1 Water—Low Molecular Weight Hydrocarbons  
2A2 Pelagic Fish—Trace Metals  
2A3 Pelagic Fish—High Molecular Weight Hydrocarbons  
2B1 Surficial Sediment—Trace Metals  
2B2 Surficial Sediment—Hydrocarbons  
2B3 Downcore Sediment—Trace Metals  
2B4 Downcore Sediment—Hydrocarbons  
2B5 Benthic Microbiology  
2B6 Meiofauna  
2B7 Macroinfauna  
2B8 Macroepifauna and Demersal Fish—Trace Metals  
2B9 Macroepifauna and Demersal Fish—High Molecular Weight Hydrocarbons  
2BA Histopathology  
2BB Macroepifauna and Demersal Fish  
3AX Platform Associated Biota

This coding system is more completely defined in Volume I, Part 1, Section VII. Data Management.

Data sets are typically divided into cruises and in this summary similar data types are grouped, i.e., all hydrocarbons results are listed together.

**METEOROLOGY AND HYDROGRAPHY**

## METEOROLOGY AND HYDROGRAPHY

Cruise 1

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PAGE 1

Sta	Tran	Dist	Date	Time	Wind vel m/s	Wind dir deg	Wet bulb Cel.	Dry bulb Cel.	Sea state m	Cld cvr X/10	Wthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	D.O. ppm	Tran X01a	Cur vel cm/s	Cur dir deg
01P	E	0100	052578	1252	02.7	90	23.3	26.7	00.3	00	01	20							
01P	E	0500	052578	0248	04.5	135	23.8	25.2	00.6	05	02	20							
01P	E	1000	052578	0220	06.8	112	24.0	25.4	00.8	05	02	20							
01P	F	2000	052578	0005	05.4	112	24.0	25.5	00.6	05	02	20							
01P	N	0100	052478	1130	03.5	135	24.3	27.0	00.3	00	01	20	00	13.46	25.98	10.0	4		
01P	N	0100	052478	1130	03.5	135	24.3	27.0	00.3	00	01	20	10	30.20	24.65	02.6	70		
01P	N	0100	052478	1130	03.5	135	24.3	27.0	00.3	00	01	20	20	35.91	22.68	03.1	80		
01P	N	0500	052478	1245	03.6	135	24.3	27.0	00.3	01	01	20							
01P	N	1000	052478	2211	04.0	112	24.0	26.0				20						18	40
01P	N	2000	052478	2357								20							
01P	S	0100	052578	1355								20							
01P	S	0500	052578	1102								20							
01P	S	1000	052578	1032								20							
01P	S	2000	052578	0934								20							
01P	W	0100	052578	1355								20							
01P	W	0500	052578	0500	02.7	135	24.0	25.0	00.5	05	02	20							
01P	W	1000	052578	0710	02.7	135	24.0	26.0	00.3	05	02	20							
01P	W	2000	052578	0752								20							
02P	F	0100	052778	1639								12							
02P	E	0500	052778	0145	03.6	45	25.0	27.4	00.3			12							
02P	E	1000	052778	1728	03.6	135	25.0	28.0			05	12							
02P	E	2000	052778	0345	03.1	45	24.5	26.8	00.0		05	12							
02P	N	0100	052778	1905	03.6	135	25.0	28.2	00.3	00	01	12	00	23.35	28.64	13.0			
02P	N	0100	052778	1905	03.6	135	25.0	28.2	00.3	00	01	12	10	31.84	26.45	06.2			
02P	N	0500	052778	2000								12							
02P	N	1000	052678	2320								12							
02P	N	2000	052778	0016	03.6	45	25.5	27.8	00.0	10	05	12							
02P	S	0100	052778	1613	03.6	135	25.0	28.0			05	12							
02P	S	0500	052778	0810	05.4	45	24.8	27.8	00.3		05	12							
02P	S	1000	052778	0555	02.7	45	25.2	26.8	00.0		05	12							
02P	S	2000	052778	0512	02.2	45	24.5	26.4	00.0		05	12							
02P	W	0100	052778	1540								12							
02P	W	0500	052778	1423								12							
02P	W	1000	052778	1241	02.2	112	24.5	29.0	00.3		05	12							
02P	W	2000	052778	1022	05.4	45	24.2	28.8	00.3		05	12							
03P	F	0100	052978	0931	04.5	112	22.4	28.0	01.0	00	01	32							
03P	E	0500	052878	1030	02.7	135	24.5	27.5	00.3	08	02	32							
03P	E	1000	052878	1110								32							
03P	E	2000	052878	1200	03.2	135	25.0	29.0	00.7	08	02	32							

METEOROLOGY AND HYDROGRAPHY

Cruise 1

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PAGE 2

Sta	Tran	Dist	Date	Time	Wind vel m/s	Wind dir deg	Wet bulb Cel.	Dry bulb Cel.	Sea state m	Cld cvr %/10	Wthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	U.U. ppm	Tran %ain	Cur vel cm/s	Cur dir deg
03P	N	0100	052978	1306	04.5	90	23.4	28.0	01.0	01	01	32	00	34.85	26.45	06.4	95		
03P	N	0100	052978	1306	04.5	90	23.4	28.0	01.0	01	01	32	10	35.09	26.07	06.8	95		
03P	N	0100	052978	1306	04.5	90	23.4	28.0	01.0	01	01	32	20	35.91	24.70	06.4	95		
03P	N	0100	052978	1306	04.5	90	23.4	28.0	01.0	01	01	32	30	36.17	20.03	04.4	87		
03P	N	0500	052878	1550	05.0	135	24.0	27.6	00.8	02	02	32					15	290	
03P	N	0500	052878	1607	05.0	135	24.8	28.0	00.7	02	02	32							
03P	N	1000	052878	2010	05.8	135	23.8	27.0				32							
03P	N	2000	052878	2115	06.8	135	23.4	26.8		01	01	32							
03P	S	0100	052978	0753	03.6	112	23.4	27.5	01.2	00	01	32							
03P	S	0500	052978	1003	05.0	112	22.5	28.5	01.0	00	01	32							
03P	S	1000	052978	1122	01.8	112	23.2	28.5	00.8	00	01	32							
03P	S	2000	052978	0545	01.8	112	22.2	25.8	01.5	00	01	32							
03P	W	0100	052978	0855	04.5	112	22.4	28.0	01.0	00	01	32							
03P	W	0500	052978	0115	03.6	112	23.0	26.4	01.0	00	01	32							
03P	W	1000	052978	0300	03.6	112	23.5	25.9	01.0	00	01	32							
03P	W	2000	052978	0400	02.7	112	22.7	25.8	01.0	00	01	32							
04P	F	0100	053178	0604			23.5					32							
04P	F	0500	053178	0235	03.6	135	23.2		00.7			32							
04P	E	1000	053178	0406	04.0	135	23.8	23.8	00.7	04	02	32							
04P	E	2000	053178	0450	03.6	135		24.0	00.7	04	02	32							
04P	N	0100	053178	0900	02.5	135	25.1		00.6	10	03	32	00	32.92	26.22	08.6	100		
04P	N	0100	053178	0900	02.5	135	25.1		00.6	10	03	32	10	34.74	24.06	08.0	100		
04P	N	0100	053178	0900	02.5	135	25.1		00.6	10	03	32	20	36.08	21.78	07.9	98		
04P	N	0100	053178	0900	02.5	135	25.1		00.6	10	03	32	30	36.22	18.96	06.8	100		
04P	N	0500	053078	2101	04.5	135	23.5	26.1	00.8			32					11	40	
04P	N	1000	053078	2358	03.6	135	23.2	25.9				32							
04P	N	2000	053178	0051	04.5	135	23.8					32							
04P	S	0100	053178	1050	01.8	135	25.2	28.5	00.7	04	02	32							
04P	S	0500	053178	1240	02.7	135	25.5	29.0	00.5		02	32							
04P	S	1000	053178	1401	03.2	135	25.2	28.0	00.5		02	32							
04P	S	2000	053178	1432	04.5	135			00.3		02	32							
04P	W	0100	053178	1007	01.8	135			00.3		02	32							
04P	W	0500	053178	1606	05.0	135	25.2	29.0	00.5	01	01	32							
04P	W	1000	053178	1732	03.6	135	25.0	29.3				32							
04P	W	2000	053178	1815	04.0	112	25.2		00.5	01	01	32							
21C			052278	1401								12	00	22.80	28.66	14.0	14	7	252
21C			052278	1401								12	10	32.87	22.73	03.0	96		
22C			052678	1218	02.2	25	24.3	27.0	00.3	10	03	22	00	27.89	27.40	08.0	90		
22C			052678	1218	02.2	25	24.3	27.0	00.3	10	03	22	10	33.47	23.08	03.4	90		

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## METEOROLOGY AND HYDROGRAPHY

Cruise 1

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Sta	Tran	Dist	Date	Time	Wind vel m/s	Wind dir deg	Wet bulb Cel.	Dry bulb Cel.	Sea state m	Cld cvr X/10	Wthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	D.O. ppm	Tran Xdim	Cur vel cm/s	Cur dir deg
22C			052678	1218	02.2	25	24.3	27.0	00.3	10	03	22	20	35.98	20.76	01.6	60		
23C			060178	0003	04.5	135	24.5	27.0	00.5	00	01	32	00	35.98	26.77	06.8		15	25
23C			060178	0003	04.5	135	24.5	27.0	00.5	00	01	32	10	35.97	26.42	08.0			
23C			060178	0003	04.5	135	24.5	27.0	00.5	00	01	32	20	35.63	23.60	06.8			
23C			060178	0003	04.5	135	24.5	27.0	00.5	00	01	32	30	36.05	20.60	07.6			
24C			060178	1018	02.2	135	25.5	28.8	00.3	09	03	22	00	31.08	28.05	07.2		75	
24C			060178	1018	02.2	135	25.5	28.8	00.3	09	03	22	10	32.24	27.35	07.6		95	
24C			060178	1018	02.2	135	25.5	28.8	00.3	09	03	22	20	35.53	22.10	01.3		60	

METEOROLOGY AND HYDROGRAPHY

Cruise 2

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PAGE 1

Sta	Tran	Dist	Date	Time	Wind vel m/s	Wind dir deg	Wet bulb Cel.	Dry bulb Cel.	Sea state m	Cld cvr %/10	Wthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	D.O. ppm	Tran %21m	Cur vel cm/s	Cur dir deg
01P	E	0500	082578	0910	00.8	90	27.1	31.6	00.2	00	01	16							
01P	E	2000	082578	0815	00.5	90	27.8	31.2	00.2	00	01	16							
01P	N	0100	082578	1428	03.6	112	26.4	30.4	00.6	05	02	16	00	34.29		01.6	1		
01P	N	0100	082578	1428	03.6	112	26.4	30.4	00.6	05	02	16	10	26.91	30.49	09.6	52		
01P	N	0500	082578	1345	03.6	112	26.4	30.4	00.6	05	02	16							
01P	N	2000	082578	1236	03.3	112	26.8	30.5	00.6	05	02	16							
01P	S	0500	082578	1017	00.9	90	26.7	32.0	00.2	00	01	16							
01P	S	2000	082578	1025	01.7	90	27.5	32.6	00.3	00	01	16							
01P	W	0500	082578	1156	01.1	90	27.3	33.2	00.2	00	01	16							
01P	W	2000	082578	1116	00.9	90	27.8	33.8	00.2	00	01	16							
02P	E	0500	082378	2344	03.6	90	27.3	30.0	00.6	00	01	14							
02P	E	2000	082378	2245								14							
02P	N	0100	082478	0707	02.2	90	26.6	29.8	00.8	05	02	14	00	21.94	31.08	09.6	40		
02P	N	0100	082478	0707	02.2	90	26.6	29.8	00.8	05	02	14	10	32.86	29.39	02.4	20		
02P	N	0500	082478	0600	02.2	90	27.1	29.8	00.5	00	01	14							
02P	N	2000	082478	0505	02.8	90	27.0	29.6	00.5	00	01	14							
02P	S	0500	082478	0207	03.3	90	27.2	30.0	00.6	00	01	14							
02P	S	2000	082478	0109	03.6	90	27.2	29.9	00.6	00	01	14							
02P	W	0500	082478	0258	03.3	90	27.3	30.3	00.5	00	01	14							
02P	W	2000	082478	0349	03.6	90	27.0	29.5	00.6	00	01	14							
03P	E	0500	082678	2108	04.2	90	26.0	28.7	01.5	05	02	29							
03P	E	0500	092278	0244	02.8	112	25.0	28.2	00.9	00	01	29							
03P	F	2000	082678	2010	03.6	90	25.7	28.7	01.4	05	02	29							
03P	N	0100	082678	1753								29	00	30.08	32.31	06.2	64		
03P	N	0100	082678	1753								29	10	31.89	32.94	06.8	86		
03P	N	0100	082678	1753								29	20	36.67	25.37	04.2	78		
03P	N	0500	082678	1813	03.6	90	25.9	29.0	01.1	05	02	29							
03P	N	2000	082678	1910	03.9	90	25.9	28.8	01.4	05	02	29							
03P	N	2000	092278	0220	02.8	112	25.1	28.2	00.9	00	01	29							
03P	S	0500	082678	2310	04.2	90	25.9	28.7	01.7	05	02	29							
03P	S	0500	092278	0355	02.5	112	25.6	28.2	00.9	05	02	29							
03P	S	2000	082678	2210	03.1	90	25.5	28.4	01.5	05	02	29							
03P	S	2000	092278	0456	02.5	112	25.9	28.3	00.9	05	02	29							
03P	W	0500	092278	0557	02.2	112	25.8	28.2	00.9	05	02	29							
03P	W	2000	092278	0658	02.8	90	25.8	28.1	00.9	10	03	29							
04P	E	0500	082178	2135	00.0	0	25.7	28.8	00.0	00	07	36							
04P	E	2000	082178	2015	00.0	0	26.2	29.0	00.0	00	07	36							
04P	N	0100	082178	1625								36	00	28.90	30.76	05.8	90		
04P	N	0100	082178	1625								36	10	31.09	30.11	04.8	91		

Sta	Tran	Dist	Date	Time	Wind vel m/s	Wind dir deg	Wet bulb Cel.	Dry bulb Cel.	Sea state m	Cld cvr 1/10	Mthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	D.O. ppm	Tran Z@1m	Cur vel cm/s	Cur dir deg
04P	N	0100	082178	1625								36	20	34.25	25.06	06.0	90		
04P	N	0100	082178	1625								36	30	34.64	21.20	03.0	84		
04P	N	0500	082178	1658	00.0	0	27.0	30.8	00.0	00	07	36							
04P	N	2000	082178	1849	00.0	0	26.4	30.2	00.0	00	07	36							
04P	S	0500	082278	0130	00.0	0	26.9	29.5	00.0	00	07	36							
04P	S	2000	082178	2320	00.0	0	26.8	29.6	00.0	00	07	36							
04P	W	0500	082278	0255	00.0	0	26.3	29.4	00.0	00	07	36							
04P	W	2000	082278	0350	00.0	0	27.4	30.0	00.0	00	07	36							
04P	W	2000	092278	0909	02.8	90	26.4	28.8	01.1	10	05	36							
05S	N	0100	082578	1555	00.9	90	25.9	31.4	00.3	05	02	9	00	19.42	30.77	08.4	1		
05S	N	0500	082578	1628	02.2	90	26.3	30.5	00.3	05	02	9							
05S	N	1000	082578	1706								9							
05S	N	2000	082578	1730	01.9	90	25.5	29.9	00.3	05	02	9							
06S	N	0100	082678	0007	03.9	90	26.2	29.2	00.6	05	02	47	00	26.08	28.08	08.0	8		
06S	N	0100	082678	0007	03.9	90	26.2	29.2	00.6	05	02	47	10	32.79	29.98	06.4	80		
06S	N	0100	082678	0007	03.9	90	26.2	29.2	00.6	05	02	47	20	36.56	02.8	80			
06S	N	0100	082678	0007	03.9	90	26.2	29.2	00.6	05	02	47	30	37.03	22.70	05.2	86		
06S	N	0100	082678	0007	03.9	90	26.2	29.2	00.6	05	02	47	40	37.34	22.58	06.0	86		
06S	N	0500	082678	0119	04.2	90	26.3	29.2	00.6	05	02	47							
06S	N	1000	082678	0219	03.3	112	26.3	29.2	00.6	05	02	47							
06S	N	2000	082678	0249	02.8	135	26.1	29.2	00.6	05	02	47							
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	00	33.50	27.88	03.6	80		
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	10	33.39	29.85	05.6	89		
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	20	37.21	04.2	90			
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	30	37.14	23.19	03.8	89		
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	40	37.45	05.2	88			
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	50	37.52	05.4	86			
07S	N	0100	082678	0802	03.1	135	26.8	30.6	00.8	10	03	61	60	36.09	19.19	04.6	58		
07S	N	0500	082678	0642	02.2	135	26.0	29.2	00.8	05	02	61							
07S	N	1000	082678	0608	02.2	180	26.1	29.1	00.6	05	02	61							
07S	N	2000	082678	0509	02.8	180	25.8	29.8	00.8	05	02	61							
08S	N	0100	082578	0317	02.2	225	25.0	29.5	00.5	05	02	26	00	25.19	33.27	06.8	40		
08S	N	0100	082578	0317	02.2	225	25.0	29.5	00.5	05	02	26	10	32.14	29.84	04.0	65		
08S	N	0100	082578	0317	02.2	225	25.0	29.5	00.5	05	02	26	20	28.89	27.34	05.0	76		
08S	N	0500	082578	0230	02.2	225	25.5	28.7	00.5	05	02	26							
08S	N	1000	082578	0153	03.3	225	26.6	29.9	00.5	05	02	26							
08S	N	2000	082578	0110	03.3	225	25.5	29.0	00.5	05	02	26							
09S	N	0100	082678	1305								85	00	32.90	29.96	06.6	82		
09S	N	0100	082678	1305								85	10	34.67	29.93	06.4	85		

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09S	N	0100	082678	1305								85	20	36.82	26.65	07.0	90		
09S	N	0100	082678	1305								85	30	36.63	26.05	07.2	88		
09S	N	0100	082678	1305								85	40	37.18	23.19	07.6	88		
09S	N	0100	082678	1305								85	50	37.45	22.29	07.4	86		
09S	N	0100	082678	1305								85	60	37.29	20.18	06.4	85		
09S	N	0100	082678	1305								85	70	36.89	19.36	06.0	87		
09S	N	0100	082678	1305								85	80	37.63	18.74	04.4	50		
09S	N	0500	082678	1211	02.5	135	26.8	31.8	00.8	10	03	85							
09S	N	1000	082678	1135	02.2	135	27.7	32.0	00.6	10	03	85							
09S	N	2000	082678	1036	02.8	135	28.3	31.2	00.6	10	03	85							
10S	N	0100	092178	1748								18	00	30.19	29.20	06.4	75		
10S	N	0100	092178	1748								18	10	35.81	28.79	06.3	83		
10S	N	0500	092178	1540	03.1	90	25.0	28.6	01.1	01	02	18						10	270
10S	N	1000	092178	1458	03.3	112	24.5	29.0	01.1	01	02	18							
10S	N	2000	092178	1332	04.2	90	25.6	30.0	01.1	01	02	18							
11S	N	0100	092178	1835								19	00	30.46	28.34	06.6	90		
11S	N	0100	092178	1835								19	10	35.25	28.74	06.0	94		
11S	N	0500	092178	1930	03.6	90	25.6	28.3	01.1	03	02	19						50	290
11S	N	1000	092178	2030	03.1	90	25.4	28.0	01.2	03	02	19							
11S	N	2000	092178	2104	02.8	90	25.2	28.0	01.2	03	02	19							
12S	N	0100	082478	1912								24	00	27.05	30.89	07.0	75		
12S	N	0100	082478	1912								24	10	34.78	29.99	04.4	100		
12S	N	0500	082478	2022	03.6	135	26.2	29.5	01.1	05	02	24							
12S	N	1000	082478	2145	03.1	90	25.1	29.4	01.1	05	02	24							
12S	N	2000	082478	2238	03.9	90	25.0	29.4	01.1	05	02	24							
13S	N	0100	082578	2009								51	00	22.59	30.42	09.6	1		
13S	N	0100	082578	2009								51	10	33.17	30.10	06.0	96		
13S	N	0100	082578	2009								51	20	36.06		03.6	100		
13S	N	0100	082578	2009								51	30	36.96	23.88	06.4	100		
13S	N	0100	082578	2009								51	40	37.42	20.58	05.0	100		
13S	N	0500	082578	2123	03.6	90	25.6	29.1	00.8	05	02	51							
13S	N	1000	082578	2215	02.8	90	25.7	28.8	00.6	05	02	51							
13S	N	2000	082578	2242	02.2	90	25.7	28.0	00.6	05	02	51							
14S	N	0100	092078	1534								27	00	35.10	29.11	06.2	82		
14S	N	0100	092078	1534								27	10	34.40	28.64	06.4	82		
14S	N	0100	092078	1534								27	20	36.62	27.78	06.0	82		
14S	N	0500	092078	1614	01.1	112	26.2	29.8	00.8	03	02	27						8	290
14S	N	1000	092078	1715	01.9	90	25.8	28.8	00.8	02	02	27							
14S	N	2000	092078	1808	02.5	90	25.7	28.7	00.8	03	02	27							

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158	N	0100	082078	1750				22.8	00.5	01	02	91	00	34.26	29.97	06.4	95		
158	N	0100	082078	1750				22.8	00.5	01	02	91	10	34.50	30.00	06.3	94		
158	N	0100	082078	1750				22.8	00.5	01	02	91	20	35.12	29.95	05.6	93		
158	N	0100	082078	1750				22.8	00.5	01	02	91	30	35.85	28.37	06.0	93		
158	N	0100	082078	1750				22.8	00.5	01	02	91	40	36.19	24.04	06.8	93		
158	N	0100	082078	1750				22.8	00.5	01	02	91	50	36.04	27.09	06.4	92		
158	N	0100	082078	1750				22.8	00.5	01	02	91	60	36.21	19.14	05.0	92		
158	N	0100	082078	1750				22.8	00.5	01	02	91	70	36.17	18.83	04.4	91		
158	N	0100	082078	1750				22.8	00.5	01	02	91	80	36.17	18.57	04.2	82		
158	N	0500	082078	2110	03.6	225	21.5	25.5	00.5	05	02	90							
158	N	1000	082078	2306	02.8	225	21.8	25.4		05	02	90							
158	N	2000	082178	0003	01.9	225	21.7	25.9		05	02	90							
168	N	0100	082178	0711	01.1	80	27.6	30.0		05	02	44	00	29.42	31.20	05.0	98		
168	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	10	33.37	28.83	03.9	94		
168	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	20	34.83	26.44	04.2	93		
168	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	30	35.55	22.95	04.6	93		
168	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	40	35.34	22.95	02.7	67		
168	N	0500	082178	0611	00.0	0	26.2	29.6		05	02	44							
168	N	1000	082178	0527	00.0	0	26.1	29.0		05	02	44							
168	N	2000	082178	0406	00.8	90	26.0	28.8		05	02	44							
178	N	0100	082078	1425								72	00	34.83	34.14	08.4	99		
178	N	0100	082078	1425								72	10	34.89	30.04	08.0	92		
178	N	0100	082078	1425								72	20	34.68	29.85	06.4	92		
178	N	0100	082078	1425								72	30	34.99	29.74	06.3	91		
178	N	0100	082078	1425								72	40	35.67	27.26	05.7	90		
178	N	0100	082078	1425								72	50	35.78	22.09	06.6	89		
178	N	0100	082078	1425								72	60	36.31	21.96	06.8	84		
178	N	0100	082078	1425								72	70	36.39	18.93	05.0	69		
178	N	0500	082078	1220	01.7	260	24.3	27.2	00.5	05	02	72							
178	N	1000	082078	1122	00.0	0	24.0	27.0	00.0	05	02	72					29	80	
178	N	2000	082078	0840	00.0	0	24.0	27.6	00.0	05	02	72							
188	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	00	35.40	28.95	06.4	64		
188	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	10	35.95	28.66	06.0	76		
188	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	20	36.20	26.92	06.6	30		
188	N	0500	092078	1045	02.8	40	24.8	28.3	00.6	05	02	24							
188	N	1000	092078	1000	03.3	50	25.2	28.0	00.6	05	02	24					20	290	
188	N	2000	092078	0815	01.1	120	25.8	26.2	00.6	05	02	24							
198	N	0100	092178	0030	02.2	90	25.3	28.2	00.6	00	01	5	00	31.31	29.49	06.2	75		
198	N	0500	092178	0123	02.2	90	26.0	28.5	00.8	00	01	5							

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19S	N	1000	092178	0224	02.5	90	25.6	28.5	00.8	05	02	5							
19S	N	2000	092178	0302	02.5	90	25.3	28.4	00.6	05	02	5							
20S	N	0100	092178	1005	02.8	100	25.6	29.2	00.9	05	02	18	00	28.77	28.93	06.4	74		
20S	N	0100	092178	1005	02.8	100	25.6	29.2	00.9	05	02	18	10	33.30	29.15	06.1	62		
20S	N	0500	092178	0858	02.8	100	25.5	29.9	01.1	05	02	18							
20S	N	1000	092178	0820								18							
20S	N	2000	092178	0702	02.2	90	24.6	27.9	00.9	05	02	18							
21C			082578	0621	00.9	90	26.0	29.0	00.3	05	02	14	00	25.84	29.42	06.6	16		
21C			082578	0621	00.9	90	26.0	29.0	00.3	05	02	14	10	33.03	29.07	02.4	38		
22C			092178	2249								21	00	32.09	28.79	06.4	80	13	270
22C			092178	2249								21	10	35.03	28.77	06.0	90	13	270
23C			082178	1312								37	00	30.36	30.33	04.5	98		
23C			082178	1312								37	10	31.76	29.99	06.0	92		
23C			082178	1312								37	20	33.02	27.03	06.6	98		
23C			082178	1312								37	30	34.50	22.07	04.6	95		
24C			092078	2030								17	00	32.34	29.40	06.3	88		
24C			092078	2030								17	10	33.14		06.2	80		

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01P	E	0500	010879	1435	07.7	0	04.6	06.0	01.5	02	02	18							
01P	E	2000	010879	1215	08.8	0	05.0	05.6	01.5	07	02	18							
01P	N	0100	010879	1345	00.0		04.5	05.6	01.5	07	02	18	00	31.54	17.52	06.4	1		
01P	N	0100	010879	1345	00.0		04.5	05.6	01.5	07	02	18	10	35.80	21.41	05.8	10		
01P	N	0500	010879	2025	09.3	0	03.5	05.0	01.5	01	01	18							
01P	N	2000	010879	1045	07.7	0	04.0	04.8	01.0	08	02	18							
01P	S	0500	010879	1540	07.2	0	04.0	05.9	01.0	01	01	18							
01P	S	2000	010879	1700	09.8	0	05.0	06.0	01.5	01	01	18							
01P	W	0500	010879	1930	09.8	0	03.5	05.5	01.5	01	01	18							
01P	W	2000	010879	1820	09.3	0	03.9	05.7	01.5	01	01	18							
02P	F	0500	011379	1255	01.5	90	15.4	16.8	00.2	03	08	12							
02P	E	2000	011379	1355	01.5	90	15.9	17.0	00.2	09	09	12							
02P	N	0100	011379	1818								12	00	29.35	14.76	07.8	1		
02P	N	0100	011379	1818								12	10	30.95	14.99	05.6	3		
02P	N	0500	011379	1159	02.6	90	14.6	15.6	00.2	04	08	12							
02P	N	2000	011379	1110	03.6	80	14.3	15.0	00.2	03	05	12							
02P	S	0500	011379	1533	03.6	120	15.1	16.5	00.3	01	07	12							
02P	S	2000	011379	1447	02.6	80	15.8	16.9	00.2	00	07	12							
02P	W	0500	011379	1630	04.1	160	15.9	16.9	00.3	09	09	12							
02P	W	2000	011379	1726	02.6	175	15.5	16.5	00.4	10	09	12							
03P	E	0500	010979	2016	05.2	55	04.5	07.4	00.5	01	01	29							
03P	F	2000	010979	1920	06.2	60	05.0	07.7	00.5	01	01	29							
03P	N	0100	010979	1620					00.5	04	02	29	00	32.64	17.67	08.0	40		
03P	N	0100	010979	1620					00.5	04	02	29	10	32.78	17.60	07.4	55		
03P	N	0100	010979	1620					00.5	04	02	29	20	34.47	19.47	06.8	64		
03P	N	0500	010979	1700	05.2	55	06.5	07.8	00.5	04	02	29							
03P	N	2000	010979	1815	04.1	60	06.2	07.8	00.5	03	02	29						33	235
03P	S	0500	010979	2118	06.2	60	05.5	08.6	01.0	01	01	29							
03P	S	2000	010979	2225	05.7	60	07.0	09.2	01.0	01	01	29							
03P	W	0500	011079	0030	05.2	45	06.5	09.2	01.0	01	01	29							
03P	W	2000	010979	2325	04.6	55	07.0	09.0	01.0	01	01	29							
04P	E	0500	011079	0805	07.2	40	11.4	13.1	01.2	06	02	38							
04P	E	2000	011079	0650	08.8	75	10.5	12.1	01.0	08	03	38							
04P	N	0500	011079	0400	04.1	45	09.0	11.0	00.8	08	03	38							10
04P	N	0500	011579	0809	06.2	45	08.4	10.0	01.5	10	03	40	00	35.18	19.04	07.6	56	10	
04P	N	0500	011579	0809	06.2	45	08.4	10.0	01.5	10	03	40	10	34.94	19.03	07.4	90	10	
04P	N	0500	011579	0809	06.2	45	08.4	10.0	01.5	10	03	40	20	34.50	19.09	07.2	80	10	
04P	N	0500	011579	0809	06.2	45	08.4	10.0	01.5	10	03	40	30	35.86	20.31	07.4	80	10	
04P	N	2000	011079	0535	05.2	50	09.9	11.6	00.8	08	03	38							

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04P	S	0500	011579	0135	12.9	15	08.0	09.9	02.5	00	01	38							
04P	S	2000	011579	0320	08.2	35	08.2	10.0	02.2	07	02	38							
04P	W	0500	011579	0640	10.8	60	09.2	10.5	01.2	06	03	38							
04P	W	2000	011579	0450	08.8	40	07.9	09.9	01.8	09	03	38							
21C			010979	0000	07.2	0	01.0	02.0	01.0	00	01	13	00	29.44	15.11	08.2	1		
21C			010979	0000	07.2	0	01.0	02.0	01.0	00	01	13	10	35.22	21.09	05.6	1		
22C			011479	2037	07.7	10	07.0	08.8	00.7	00	01	21	00	31.39	16.04	08.0	4	39	190
22C			011479	2037	07.7	10	07.0	08.8	00.7	00	01	21	10	31.33	16.04	07.9	20	39	190
22C			011479	2037	07.7	10	07.0	08.8	00.7	00	01	21	20	35.13	19.92	07.2	28	39	190
23C			010779	0655	00.0		18.8	19.0	02.0	09	04	34	00	32.89	15.91	07.6	20	25	45
23C			010779	0655	00.0		18.8	19.0	02.0	09	04	34	10	35.71	16.03	07.2	70	25	45
23C			010779	0655	00.0		18.8	19.0	02.0	09	04	34	20	35.86	17.43	07.4	70	25	45
23C			010779	0655	00.0		18.8	19.0	02.0	09	04	34	30	36.11	17.12	07.4	66	25	45
24C			010679	1720	05.2	105	18.8	19.2	01.0	09	03	19	00	32.63	17.12	08.6	0	9	300
24C			010679	1720	05.2	105	18.8	19.2	01.0	09	03	19	10	32.78	17.59	10.4	2	9	300



**SEDIMENT TEXTURE**

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
01	P	E	0100	Av	.0	12.6	66.2	21.1		Sandy Clayey Silt
01	P	E	0500	Av	.1	12.7	58.2	28.8		Sandy Clayey Silt
01	P	E	1000	Av	.0	46.2	37.6	16.1		Silty Clayey Sand
01	P	E	2000	Av	.0	28.2	59.5	12.1	7.1	Sandy Clayey Silt
01	P	N	0100	Av	.0	11.3	70.9	17.7		Sandy Clayey Silt
01	P	N	0500	Av	.0	45.2	39.8	14.8	10.2	Silty Clayey Sand
01	P	N	1000	Av	.0	25.2	60.9	13.8		Sandy Clayey Silt
01	P	N	2000	Av	.0	12.6	64.0	23.2	17.6	Sandy Clayey Silt
01	P	S	0100	Av	.0	14.4	65.5	19.0		Sandy Clayey Silt
01	P	S	0500	Av	.0	13.2	74.6	12.0		Sandy Clayey Silt
01	P	S	1000	Av	.0	12.0	76.6	11.2		Sandy Clayey Silt
01	P	S	2000	Av	.0	17.5	60.3	22.1	15.6	Sandy Clayey Silt
01	P	W	0100	Av	.0	14.5	68.0	17.4		Sandy Clayey Silt
01	P	W	0500	Av	.0	14.3	75.8	9.7		Sandy Silt
01	P	W	1000	Av	.1	14.8	75.1	9.9		Sandy Silt
01	P	W	2000	Av	.0	22.5	66.3	11.2	7.6	Sandy Clayey Silt
				Mean	.0 *	19.8 *	63.8 *	16.3 *	11.6 *	SANDY CLAYEY SILT
02	P	E	0100	Av	.2	66.4	23.9	9.3		Silty Sand
02	P	E	0500	Av	.1	46.2	35.7	17.9		Silty Clayey Sand
02	P	E	1000	Av	.0	73.0	20.9	5.9		Silty Sand
02	P	E	2000	Av	.8	30.2	54.5	14.3	8.2	Sandy Clayey Silt
02	P	N	0100	Av	.2	67.0	25.7	7.0		Silty Sand
02	P	N	0500	Av	.1	29.6	47.8	22.3	14.4	Sandy Clayey Silt
02	P	N	1000	Av	.2	43.3	40.3	16.0		Silty Clayey Sand
02	P	N	2000	Av	.0	26.8	58.0	15.0	7.8	Sandy Clayey Silt
02	P	S	0100	Av	.0	30.3	59.1	10.5		Sandy Clayey Silt
02	P	S	0500	Av	.0	37.1	40.5	22.2	10.8	Sandy Clayey Silt
02	P	S	1000	Av	.0	13.7	62.1	24.1		Sandy Clayey Silt
02	P	S	2000	Av	.0	17.4	56.3	26.1	14.6	Sandy Clayey Silt
02	P	W	0100	Av	.5	21.5	45.0	32.8		Sandy Clayey Silt
02	P	W	0500	Av	1.5	46.9	40.4	11.0		Silty Clayey Sand
02	P	W	1000	Av	.3	17.8	51.3	30.4		Sandy Clayey Silt
02	P	W	2000	Av	.2	9.7	49.1	40.8	27.7	Clayey Silt
				Mean	.3 *	36.1 *	44.4 *	19.1 *	13.9 *	SANDY CLAYEY SILT
03	P	E	0100	Av	.4	80.1	14.0	5.3		Sand
03	P	E	0500	Av	.4	72.6	19.4	7.5		Silty Sand
03	P	E	1000	Av	.8	77.9	12.8	8.4		Silty Sand
03	P	E	2000	Av	.0	78.9	12.4	8.5	4.5	Silty Sand

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
03	P	N	0100	Av	.9	79.0	17.7	2.2		Silty Sand
03	P	N	0500	Av	.9	79.3	16.5	3.2	1.8	Sand
03	P	N	1000	Av	.8	78.3	11.9	8.9		Silty Sand
03	P	N	2000	Av	3.5	81.6	7.5	7.2	4.6	Sand
03	P	S	0100	Av	1.5	82.1	9.1	7.2		Sand
03	P	S	0500	Av	.1	76.7	17.6	5.5		Silty Sand
03	P	S	1000	Av	.2	73.5	19.3	6.9		Silty Sand
03	P	S	2000	Av	.3	28.0	62.8	8.7	5.3	Sandy Silt
03	P	W	0100	Av	.7	87.2	9.0	3.0		Sand
03	P	W	0500	Av	1.3	72.6	21.1	4.8		Silty Sand
03	P	W	1000	Av	1.1	67.2	24.7	6.9		Silty Sand
03	P	W	2000	Av	.8	54.3	30.6	14.2	10.0	Silty Clayey Sand
				Mean	.9 *	73.1 *	19.2 *	6.8 *	5.2 *	SILTY SAND
04	P	E	0100	Av	1.8	24.2	62.5	11.3		Sandy Clayey Silt
04	P	E	0500	Av	1.9	8.1	72.8	17.0		Clayey Silt
04	P	E	1000	Av	.1	4.9	81.8	13.1		Silt
04	P	E	2000	Av	.0	4.3	81.2	14.3	9.8	Silt
04	P	N	0100	Av	.0	2.8	90.5	6.6		Silt
04	P	N	0500	Av	.0	10.0	80.4	9.4	7.0	Silt
04	P	N	1000	Av	.1	6.5	71.2	22.0		Clayey Silt
04	P	N	2000	Av	.1	19.5	60.5	19.7	13.3	Sandy Clayey Silt
04	P	S	0100	Av	.1	1.7	86.3	11.8		Silt
04	P	S	0500	Av	.0	7.4	84.6	7.9		Silt
04	P	S	1000	Av	.0	3.5	88.7	7.7		Silt
04	P	S	2000	Av	.0	4.2	87.0	8.7	5.3	Silt
04	P	W	0100	Av	.0	31.7	51.1	17.1		Sandy Clayey Silt
04	P	W	0500	Av	.0	16.8	75.9	7.1		Sandy Silt
04	P	W	1000	Av	.0	6.3	83.5	10.0		Silt
04	P	W	2000	Av	.0	4.8	84.3	10.7	7.0	Silt
				Mean	.3 *	9.8 *	77.6 *	12.2 *	8.4 *	CLAYEY SILT
21	C			Av	.0	45.5	37.2	17.1	12.1	Silty Clayey Sand
				Mean	.0 *	45.5 *	37.2 *	17.1 *	12.1 *	SILTY CLAYEY SAND
22	C			Av	.0	28.6	63.9	7.3	4.7	Sandy Silt
				Mean	.0 *	28.6 *	63.9 *	7.3 *	4.7 *	SANDY SILT
23	C			Av	.0	7.9	77.7	14.3	8.1	Clayey Silt
				Mean	.0 *	7.9 *	77.7 *	14.3 *	8.1 *	CLAYEY SILT
24	C			Av	.0	3.6	76.5	19.7	12.0	Clayey Silt
				Mean	.0 *	3.6 *	76.5 *	19.7 *	12.0 *	CLAYEY SILT

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
01	P	E	0500	Av	.0	14.7	68.3	16.8		Sandy Clayey Silt
01	P	E	2000	Av	.0	32.9	51.6	15.3		Sandy Clayey Silt
01	P	N	0500	Av	.0	4.7	85.8	9.4		Silt
01	P	N	2000	Av	.1	13.8	70.6	15.3		Sandy Clayey Silt
01	P	S	0500	Av	.0	9.4	76.9	13.5		Clayey Silt
01	P	S	2000	Av	.3	14.0	70.7	14.8		Sandy Clayey Silt
01	P	W	0500	Av	.1	9.4	78.8	11.5		Clayey Silt
01	P	W	2000	Av	.1	20.5	64.2	15.0		Sandy Clayey Silt
				Mean	.1 *	14.9 *	70.9 *	14.0 *	*	SANDY CLAYEY SILT
02	P	E	0500	Av	.8	58.9	31.6	8.6		Silty Sand
02	P	E	2000	Av	.6	38.6	52.4	8.3		Sandy Silt
02	P	N	0500	Av	.1	16.1	56.2	27.5		Sandy Clayey Silt
02	P	N	2000	Av	.0	31.6	44.6	23.6		Sandy Clayey Silt
02	P	S	0500	Av	.5	47.7	35.5	16.2		Silty Clayey Sand
02	P	S	2000	Av	.8	18.4	52.3	28.3		Sandy Clayey Silt
02	P	W	0500	Av	.1	52.4	41.5	5.8		Silty Sand
02	P	W	2000	Av	.3	10.8	43.7	44.9		Sandy Silty Clay
				Mean	.4 *	34.3 *	44.7 *	20.4 *	*	SANDY CLAYEY SILT
03	P	E	0500	Av	.3	79.0	10.0	10.4		Silty Clayey Sand
03	P	E	2000	Av	.1	78.2	9.3	12.2		Clayey Sand
03	P	N	0500	Av	2.2	65.8	22.7	9.1		Silty Sand
03	P	N	2000	Av	.2	91.2	3.1	5.4		Sand
03	P	S	0500	Av	.2	77.1	11.4	11.1		Silty Clayey Sand
03	P	S	2000	Av	.0	22.6	52.3	24.9		Sandy Clayey Silt
03	P	W	0500	Av	.5	69.0	16.9	13.5		Silty Clayey Sand
03	P	W	2000	Av	1.5	53.1	30.9	14.4		Silty Clayey Sand
				Mean	.6 *	67.0 *	19.6 *	12.6 *	*	SILTY CLAYEY SAND
04	P	E	0500	Av	.0	8.2	74.4	17.2		Clayey Silt
04	P	E	2000	Av	.1	5.1	77.3	17.4		Clayey Silt
04	P	N	0500	Av	.1	11.7	69.3	18.7		Sandy Clayey Silt
04	P	N	2000	Av	.2	12.8	59.0	28.2		Sandy Clayey Silt
04	P	S	0500	Av	.0	11.8	81.5	6.5		Silt
04	P	S	2000	Av	.2	4.7	88.0	7.0		Silt
04	P	W	0500	Av	.0	9.4	83.2	7.3		Silt
04	P	W	2000	Av	.0	3.8	86.4	9.6		Silt
				Mean	.1 *	8.4 *	77.4 *	14.0 *	*	CLAYEY SILT

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
05	S	N	0100	Av	.2	51.0	36.9	11.8		Silty Clayey Sand
05	S	N	0500	Av	.3	27.7	49.2	22.6	14.2	Sandy Clayey Silt
05	S	N	1000	Av	.5	32.0	57.9	9.4		Sandy Silt
05	S	N	2000	Av	4.0	42.6	45.7	7.4	5.1	Sandy Silt
				Mean	1.3 *	38.3 *	47.4 *	12.8 *	9.6 *	SANDY CLAYEY SILT
06	S	N	0100	Av	.5	9.4	60.3	29.7		Clayey Silt
06	S	N	0500	Av	.0	1.4	51.6	46.8	35.1	Clayey Silt
06	S	N	1000	Av	.1	.6	69.6	29.6		Clayey Silt
06	S	N	2000	Av	.0	.8	53.4	45.7	32.9	Clayey Silt
				Mean	.2 *	3.1 *	58.7 *	38.0 *	34.0 *	CLAYEY SILT
07	S	N	0100	Av	.3	6.5	66.4	26.6		Clayey Silt
07	S	N	0500	Av	.0	3.8	39.9	56.2	38.2	Silty Clay
07	S	N	1000	Av	.0	4.0	65.2	30.7		Clayey Silt
07	S	N	2000	Av	.0	6.7	65.7	27.4	19.4	Clayey Silt
				Mean	.1 *	5.3 *	59.3 *	35.2 *	28.8 *	CLAYEY SILT
08	S	N	0100	Av	.0	9.7	49.1	41.1		Clayey Silt
08	S	N	0500	Av	.0	5.1	61.7	33.1	22.8	Clayey Silt
08	S	N	1000	Av	.0	2.5	85.6	11.9		Silt
08	S	N	2000	Av	.0	5.3	72.8	21.7	13.6	Clayey Silt
				Mean	.0 *	5.7 *	67.3 *	27.0 *	18.2 *	CLAYEY SILT
09	S	N	0100	Av	.0	3.9	88.0	8.0		Silt
09	S	N	0500	Av	.0	4.9	84.3	10.6	7.6	Silt
09	S	N	1000	Av	.0	2.9	88.8	8.2		Silt
09	S	N	2000	Av	.0	1.4	88.9	9.6	5.8	Silt
				Mean	.0 *	3.3 *	87.5 *	9.1 *	6.7 *	SILT
10	S	N	0100	Av	.7	33.6	57.8	7.7		Sandy Silt
10	S	N	0500	Av	1.6	53.2	40.8	4.3	2.9	Silty Sand
10	S	N	1000	Av	1.3	53.1	39.4	6.0		Silty Sand
10	S	N	2000	Av	1.5	56.2	37.9	4.2	2.3	Silty Sand
				Mean	1.3 *	49.0 *	44.0 *	5.6 *	2.6 *	SILTY SAND
11	S	N	0100	Av	.3	66.0	27.9	5.7		Silty Sand
11	S	N	0500	Av	.9	69.5	23.5	6.0	3.2	Silty Sand
11	S	N	1000	Av	1.6	68.8	26.2	5.3		Silty Sand
11	S	N	2000	Av	.8	50.6	42.3	6.1	4.3	Silty Sand
				Mean	.9 *	63.2 *	30.0 *	5.8 *	3.7 *	SILTY SAND

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
12	S	N	0100	Av	.0	2.5	79.7	17.7		Clayey Silt
12	S	N	0500	Av	.0	1.4	88.2	10.2	6.9	Silt
12	S	N	1000	Av	.0	1.0	92.7	6.2		Silt
12	S	N	2000	Av	.0	4.2	86.5	7.2	5.0	Silt
				Mean	.0 *	2.3 *	87.3 *	10.3 *	5.9 *	SILT
13	S	N	0100	Av	.2	19.6	67.2	12.9		Sandy Clayey Silt
13	S	N	0500	Av	.0	3.7	71.2	25.0	16.7	Clayey Silt
13	S	N	1000	Av	.0	.6	68.1	31.1		Clayey Silt
13	S	N	2000	Av	.0	2.2	56.6	41.0	28.7	Clayey Silt
				Mean	.1 *	6.5 *	65.8 *	27.5 *	22.7 *	CLAYEY SILT
14	S	N	0100	Av	.3	30.6	63.3	5.7		Sandy Silt
14	S	N	0500	Av	.0	5.5	78.7	15.6	10.6	Clayey Silt
14	S	N	1000	Av	.0	5.0	85.2	9.7		Silt
14	S	N	2000	Av	.0	4.2	81.3	14.3	10.0	Silt
				Mean	.1 *	11.3 *	77.1 *	11.3 *	10.3 *	SANDY CLAYEY SILT
15	S	N	0100	Av	.0	9.7	81.7	8.5		Silt
15	S	N	0500	Av	.0	3.1	87.6	9.2	6.6	Silt
15	S	N	1000	Av	.0	4.8	85.3	9.8		Silt
15	S	N	2000	Av	.0	1.7	87.8	10.4	6.7	Silt
				Mean	.0 *	4.8 *	85.6 *	9.5 *	6.6 *	SILT
16	S	N	0100	Av	.0	3.3	88.5	8.0		Silt
16	S	N	0500	Av	.0	1.7	80.6	17.6	13.3	Silt
16	S	N	1000	Av	.0	3.6	82.6	13.7		Silt
16	S	N	2000	Av	.0	7.6	73.1	19.2	14.2	Clayey Silt
				Mean	.0 *	4.1 *	81.2 *	14.6 *	13.7 *	SILT
17	S	N	0100	Av	1.0	18.7	70.5	9.6		Sandy Silt
17	S	N	0500	Av	.0	4.9	78.2	16.7	12.0	Clayey Silt
17	S	N	1000	Av	.0	3.3	81.1	15.5		Silt
17	S	N	2000	Av	.0	3.6	82.9	13.3	9.1	Silt
				Mean	.3 *	7.6 *	78.2 *	13.8 *	10.5 *	CLAYEY SILT
18	S	N	0100	Av	.0	10.5	73.4	16.1		Sandy Clayey Silt
18	S	N	0500	Av	.0	5.2	73.1	21.5	13.9	Clayey Silt
18	S	N	1000	Av	.0	3.6	71.7	24.6		Clayey Silt
18	S	N	2000	Av	.0	5.3	82.7	11.9	9.5	Silt
				Mean	.0 *	6.2 *	75.2 *	18.5 *	11.7 *	CLAYEY SILT

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
19	S	N	0100	Av	.0	95.7	2.4	1.8		Sand
19	S	N	0500	Av	.0	95.9	2.0	1.9	1.1	Sand
19	S	N	1000	Av	.1	94.6	3.1	2.1		Sand
19	S	N	2000	Av	.0	94.0	3.2	2.6	1.9	Sand
				Mean	.0 *	95.1 *	2.7 *	2.1 *	1.5 *	SAND
20	S	N	0100	Av	.1	36.7	53.6	9.4		Sandy Silt
20	S	N	0500	Av	.3	55.8	30.7	13.1	9.6	Silty Clayey Sand
20	S	N	1000	Av	.0	45.9	36.9	17.0		Silty Clayey Sand
20	S	N	2000	Av	.1	20.2	61.8	17.8	12.2	Sandy Clayey Silt
				Mean	.1 *	39.7 *	45.8 *	14.3 *	10.9 *	SANDY CLAYEY SILT
21	C			Av	.1	10.1	63.9	25.7		Sandy Clayey Silt
				Mean	.1 *	10.1 *	63.9 *	25.7 *	*	SANDY CLAYEY SILT
22	C			Av	.0	22.0	63.2	14.7		Sandy Clayey Silt
				Mean	.0 *	22.0 *	63.2 *	14.7 *	*	SANDY CLAYEY SILT
23	C			Av	.0	5.8	70.3	23.8		Clayey Silt
				Mean	.0 *	5.8 *	70.3 *	23.8 *	*	CLAYEY SILT
24	C			Av	.0	3.0	74.6	22.3		Clayey Silt
				Mean	.0 *	3.0 *	74.6 *	22.3 *	*	CLAYEY SILT

Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
01	P	E	0500	Av	.9	6.9	68.9	23.0		Clayey Silt
01	P	E	2000	Av	.2	29.3	59.2	11.1		Sandy Clayey Silt
01	P	N	0500	Av	.1	11.5	61.7	26.6		Sandy Clayey Silt
01	P	N	2000	Av	.0	15.6	53.2	30.9		Sandy Clayey Silt
01	P	S	0500	Av	.0	14.7	57.0	28.1		Sandy Clayey Silt
01	P	S	2000	Av	.0	16.6	71.5	11.7		Sandy Clayey Silt
01	P	W	0500	Av	.0	9.5	74.9	15.3		Clayey Silt
01	P	W	2000	Av	.0	16.2	64.6	19.1		Sandy Clayey Silt
				Mean	.2 *	15.0 *	63.9 *	20.7 *	*	SANDY CLAYEY SILT
02	P	E	0500	Av	.1	46.5	34.4	18.7		Silty Clayey Sand
02	P	E	2000	Av	.5	35.2	47.1	17.1		Sandy Clayey Silt
02	P	N	0500	Av	.3	12.0	59.4	28.2		Sandy Clayey Silt
02	P	N	2000	Av	.6	30.4	43.6	25.2		Sandy Clayey Silt
02	P	S	0500	Av	.7	52.2	30.1	16.8		Silty Clayey Sand
02	P	S	2000	Av	.4	32.1	47.5	19.7		Sandy Clayey Silt
02	P	W	0500	Av	2.4	8.8	55.1	33.6		Clayey Silt
02	P	W	2000	Av	.0	13.2	39.1	47.5		Sandy Silty Clay
				Mean	.6 *	28.8 *	44.5 *	25.9 *	*	SANDY CLAYEY SILT
03	P	E	0500	Av	.0	73.6	17.4	8.8		Silty Sand
03	P	E	2000	Av	.1	79.1	10.7	9.9		Silty Sand
03	P	N	0500	Av	.1	76.8	13.3	9.6		Silty Sand
03	P	N	2000	Av	.1	69.4	4.6	5.7		Sand
03	P	S	0500	Av	.1	72.7	14.6	12.4		Silty Clayey Sand
03	P	S	2000	Av	.0	19.8	55.9	24.1		Sandy Clayey Silt
03	P	W	0500	Av	.1	80.2	9.5	10.0		Sand
03	P	W	2000	Av	1.8	85.6	4.9	7.4		Sand
				Mean	.3 *	72.2 *	16.4 *	11.0 *	*	SILTY CLAYEY SAND
04	P	E	0500	Av	.0	6.2	77.0	16.6		Clayey Silt
04	P	E	2000	Av	.0	5.2	66.1	28.5		Clayey Silt
04	P	N	0500	Av	.3	7.6	74.1	17.6		Clayey Silt
04	P	N	2000	Av	.8	13.7	69.2	16.1		Sandy Clayey Silt
04	P	S	0500	Av	.0	6.8	67.1	26.0		Clayey Silt
04	P	S	2000	Av	.2	5.7	74.3	19.5		Clayey Silt
04	P	W	0500	Av	.2	11.9	65.8	22.0		Sandy Clayey Silt
04	P	W	2000	Av	.0	4.8	68.9	26.2		Clayey Silt
				Mean	.2 *	7.7 *	70.3 *	21.6 *	*	CLAYEY SILT

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Site	Type	Tran	Dist	Samp	% Gravel	% Sand	% Silt	% Clay	% Smectite	Classification
21	C			Av	.3	30.5	45.9	23.2		Sandy Clayey Silt
				Mean	.3 *	30.5 *	45.9 *	23.2 *	*	SANDY CLAYEY SILT
22	C			Av	.2	19.5	57.2	23.0		Sandy Clayey Silt
				Mean	.2 *	19.5 *	57.2 *	23.0 *	*	SANDY CLAYEY SILT
23	C			Av	.0	7.5	68.7	23.7		Clayey Silt
				Mean	.0 *	7.5 *	68.7 *	23.7 *	*	CLAYEY SILT
24	C			Av	.0	4.0	73.1	22.8		Clayey Silt
				Mean	.0 *	4.0 *	73.1 *	22.8 *	*	CLAYEY SILT

**SEDIMENT MINEROLOGY**

SEDIMENT MINERALOGY - CRUISE I

PAGE 1

Sample label	Smectite	Illite	Keolinite	Quartz	Plagioclase	K-Feldspar	Calcite	Dolomite	Halite	Clay
780501PE20001821 C.H	59	27	14							
780501PN05001821 C.H	69	13	18							
780501PN20001821 C.H	76	10	14							
780501PS20001821 C.H	71	14	15							
780501PW20001821 C.H	68	16	16							
780502PE20001821 C.H	58	24	19							
780502PN05001821 C.H	65	16	17							
780502PN20001821 C.H	52	34	14							
780502PS05001821 C.H	49	28	23							
780502PS20001821 C.H	56	31	13							
780502PW20001821 C.H	68	21	11							
780503PE20001821 C.H	54	28	18							
780503PN05001821 C.H	59	22	19							
780503PN20001821 C.H	65	17	18							
780503PS20001821 C.H	61	20	19							
780503PW20001821 C.H	71	16	13							
780504PE20001821 C.H	69	15	16							
780504PN05001821 C.H	75	10	15							
780504PN20001821 C.H	68	16	16							
780504PS20001821 C.H	62	21	17							
780504PW20001821 C.H	66	15	19							
780521C 1821 C.H	71	11	17							
780522C 1821 C.H	65	13	22							
780523C 1821 C.H	57	22	21							
780524C 1821 C.H	61	20	19							
780805SN05001821 C.H	63	18	19	51	5	10	14	5	2	13
780805SN20001821 C.H	69	17	14	64	8	6	2	3	2	11
780806SN05001821 C.H	75	12	13	40	10	13	2		12	23
780806SN20001821 C.H	72	20	8	49	9	11	4	1	11	16
780807SN05001821 C.H	68	17	15	51	6	6	5	1	6	25
780807SN20001821 C.H	71	13	16	40	3	3	4		9	41
780808SN05001821 C.H	69	16	15	56	10	9	2	2	3	18
780808SN20001821 C.H	63	26	11	51	20	4	3	3	3	16
780809SN05001821 C.H	72	14	14	45	6	11	2		4	32
780809SN20001821 C.H	61	30	9	43	7	8	5	1	11	25
780810SN05001821 C.H	69	24	7	73	6	7	1	2	2	9
780810SN20001821 C.H	57	31	12	79	3	3	1	1	3	11
780811SN05001821 C.H	54	35	11	75	4	3	3	1	4	11
780811SN20001821 C.H	71	18	11	65	5	3	3		6	18
780812SN05001822 C.H	68	24	8	60	12	4	3	3	4	16
780812SN20001821 C.H	70	22	8	54	10	5	2		5	22
780813SN05001821 C.H	67	15	18	48	8	8	4		9	23
780813SN20001821 C.H	70	16	14	37	6	5	6	3	15	28
780814SN05001821 C.H	68	20	12	46	16	5	4	5	5	18
780814SN20001821 C.H	70	23	7	49	9	7	4	10	5	17
780815SN05001821 C.H	72	18	10	51	5	5	10	2	6	22
780815SN20001821 C.H	65	17	18	51	9	3	11	1	7	18
780816SN05001821 C.H	76	19	5	59	8	5	2	2	7	17
780816SN20001821 C.H	74	16	10	75	4	2	1	2	1	15
780817SN05001821 C.H	72	14	13	38	10	10	11	3	6	22
780817SN20001822 C.H	69	22	9	39	8	8	15	4	10	16
780818SN05001821 C.H	65	28	7	49	13	11	3	7	6	18
780818SN20001821 C.H	80	12	8	52	16	6	3	1	4	17
780819SN05001821 C.H	58	29	13	72	6	11	1	1	1	8
780819SN20001821 C.H	74	18	8	69	9	6	1	1	1	13
780820SN05001821 C.H	74	20	6	55	11	4	5	5	4	15
780820SN20001821 C.H	69	23	8	59	7	5	4	5	5	16

**LOW MOLECULAR WEIGHT HYDROCARBONS  
FROM SEA WATER PROFILES**

LOW

## MOLECULAR WEIGHT HYDROCARBONS FROM SEA WATER PROFILES

Cruise 1

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Site	Type	Tran	Dist	Depth	Nanoliters per liter							C5-C7	C1
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane		
01	P	N	0100	0	1869.91	16.60	2.86	6.19	.62	2.19	2.05	2.27	29.73
01	P	N	0100	20	334.04	3.61	.69	1.73	.73	.31	.34	1.21	6.35
					1101.97*	10.10*	1.77*	3.96*	.67*	1.25*	1.19*	1.74*	18.03*
02	P	N	0100	0	1418.32	27.76	4.67	11.35	.32	3.46	3.40	2.53	39.18
02	P	N	0100	10	1471.49	3.71	1.86	.74	.00	.95	.39	1.29	13.11
					1444.90*	15.73*	3.26*	6.04*	.16*	2.20*	1.89*	1.91*	26.13*
03	P	N	0100	0	805.23	20.16	1.74	7.53	.14	2.06	1.61	1.59	26.24
03	P	N	0100	10	934.90	26.01	1.91	10.21	.15	2.76	2.82	2.25	33.64
03	P	N	0100	20	380.96	12.20	1.43	4.44	.00	1.03	1.26	2.48	15.05
03	P	N	0100	30	812.62	13.74	2.07	5.42	.30	1.63	.95	1.03	19.94
					733.42*	18.02*	1.78*	6.90*	.14*	1.87*	1.66*	1.83*	23.71*
04	P	N	0100	0	584.00	7.83	1.97	1.70	.26	1.38	.11	1.37	10.82
04	P	N	0100	10	917.23	6.13	1.42	1.45	.12	.78	.55	.99	11.68
04	P	N	0100	20	821.47	7.39	3.28	2.65	.00	.89	.68	1.56	13.05
04	P	N	0100	30	342.72	1.96	.55	.68	.26	.24	.52	1.40	4.28
					666.35*	5.82*	1.80*	1.62*	.16*	.82*	.46*	1.33*	9.95*
21	C			0	1362.26	18.45	6.06	4.30	.27	2.16	1.53	1.13	25.69
21	C			10	1830.33	2.58	1.12	.64	.29	.78	.08	1.01	14.67
					1596.29*	10.51*	3.59*	2.47*	.28*	1.47*	.80*	1.07*	20.17*
22	C			0	1121.65	21.44	2.04	7.10	.32	2.27	1.85	1.65	28.80
22	C			10	2149.47	4.72	.25	1.76	.29	.79	.53	17.92	19.34
22	C			20	555.37	1.12	.00	.65	.00	.87	.86	1.46	5.12
					1275.49*	9.09*	.76*	3.17*	.20*	1.31*	1.08*	7.01*	17.75*
23	C			0	378.69	18.38	3.24	9.81	.30	1.45	1.87	1.55	24.42
23	C			10	1708.82	62.42	3.53	27.66	2.56	9.04	10.33	4.77	80.23
23	C			20	3806.89	111.34	3.76	43.07	.29	10.82	14.47	7.56	142.09
23	C			30	1743.99	59.48	1.18	24.40	.02	5.51	6.62	2.98	75.31
					1909.59*	62.90*	2.92*	26.23*	.79*	6.70*	8.32*	4.21*	80.51*
24	C			0	452.54	11.18	2.45	4.25	.48	1.68	2.09	1.39	14.66
24	C			10	3421.95	84.16	4.10	34.41	2.61	8.04	8.14	6.14	112.88
24	C			20	521.30	4.77	4.29	3.96	.00	.69	.35	8.77	10.57
					1465.26*	33.37*	3.61*	14.20*	1.03*	3.47*	3.52*	5.43*	46.03*
					1239.42**	22.79**	2.35**	9.00**	.43**	2.57**	2.64**	3.17**	32.36**

\* Mean for site.

\*\* Mean for cruise.

LIGHT MOLECULAR WEIGHT HYDROCARBONS FROM SEA WATER PROFILES

Cruise 2

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Site	Type	Tran	Dist	Depth	.....Nanoliters per liter.....									CI
					Methane	Ethane	Ethene	Propene	Propene	Isobutane	n-Butane	C5-C7		
01	P	N	0100	0	1070.00	.82	.00	1.53	.00	.55	.65	.06	9.25	
01	P	N	0100	10	3590.00	100.00	.00	17.60	1.67	3.86	4.92	3.20	108.09	
					2330.00*	50.41*	.00*	9.56*	.83*	2.20*	2.78*	1.63*	58.67*	
02	P	N	0100	0	2190.00	51.10	18.10	14.80	1.25	4.90	4.90	2.75	63.32	
02	P	N	0100	10	5340.00	6.74	.00	5.88	.69	2.08	2.63	3.29	46.21	
					3765.00*	28.92*	9.05*	10.34*	.97*	3.49*	3.76*	3.02*	54.77*	
03	P	N	0100	0	1850.00	8.74	1.53	3.45	.33	3.00	1.02	1.46	21.66	
03	P	N	0100	10	2310.00	19.20	2.25	8.12	.86	3.84	3.18	1.78	36.31	
03	P	N	0100	20	1730.00	2.43	.06	.39	.02	.92	.67	1.68	13.65	
					1963.33*	10.12*	1.28*	3.98*	.40*	2.58*	1.62*	1.64*	23.87*	
04	P	N	0100	0	2780.00	14.20	.00	6.27	.78	3.22	2.31	.04	34.33	
04	P	N	0100	10	2780.00	15.33	1.29	6.25	.71	2.57	2.06	1.59	35.06	
04	P	N	0100	20	2470.00	2.16	.00	1.98	.00	1.10	1.02	1.92	20.01	
04	P	N	0100	30	701.00	.59	.55	1.27	.33	.80	.71	.20	6.36	
					2182.75*	8.07*	.46*	3.94*	.45*	1.92*	1.52*	.93*	23.94*	
05	S	N	0100	0	2200.00	13.80	2.41	8.22	.84	3.12	3.39	2.93	32.07	
					2200.00*	13.80*	2.41*	8.22*	.84*	3.12*	3.39*	2.93*	32.07*	
06	S	N	0100	0	1080.00	6.49	6.02	3.55	.55	1.31	1.55	.12	15.08	
06	S	N	0100	10	476.00	15.20	4.22	2.02	.51	.63	.71	.04	15.32	
06	S	N	0100	20	1030.00	1.20	.33	1.18	.00	.49	.53	1.51	8.89	
06	S	N	0100	30	755.00	4.22	.27	2.90	.00	.00	.00	1.74	10.74	
06	S	N	0100	40	368.00	2.02	.53	.94	.00	.47	.43	.10	4.74	
					741.80*	5.82*	2.27*	2.11*	.21*	.58*	.64*	.70*	10.94*	
07	S	N	0100	0	602.00	16.60	5.84	2.69	.92	1.37	1.53	1.81	17.75	
07	S	N	0100	10	739.00	15.40	6.61	4.51	.69	1.74	1.74	4.61	19.66	
07	S	N	0100	20	2370.00	10.80	3.08	5.94	.00	2.94	2.37	.35	28.98	
07	S	N	0100	30	1580.00	2.94	1.41	2.41	.29	.88	.53	.18	14.96	
07	S	N	0100	40	236.00	1.20	.82	1.37	.37	.86	.57	.46	3.73	
07	S	N	0100	50	352.00	1.53	.00	1.35	.00	.53	.55	1.13	4.71	
07	S	N	0100	60	602.00	4.22	2.12	3.90	2.35	2.88	2.84	.00	10.69	
					925.85*	7.52*	2.84*	3.16*	.66*	1.60*	1.44*	1.22*	14.34*	
08	S	N	0100	0	5370.00	181.00	25.20	55.80	.55	20.50	22.90	1.46	211.53	
08	S	N	0100	10	22400.00	833.00	.00	338.00	.53	99.70	146.00	5.01	1037.55	

Site	Type	Iran	Dist	Depth	Nanoliters per liter.....								CI
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	CS-C7	
08	S	N	0100	20	2410.00 10060.00*	62.30 358.76*	10.50 11.90*	21.70 138.50*	.45 .51*	7.12 42.44*	8.45 59.11*	1.19 2.55*	79.03 442.70*
09	S	N	0100	0	463.00	13.20	5.67	2.33	.47	.78	.74	1.71	14.20
09	S	N	0100	10	443.00	12.20	5.82	2.04	.53	.65	.74	1.50	13.11
09	S	N	0100	20	2210.00	8.33	4.33	4.35	.53	1.35	1.27	1.56	24.70
09	S	N	0100	30	1950.00	8.18	3.27	4.35	.00	1.92	1.53	2.31	22.84
09	S	N	0100	40	2770.00	3.76	1.92	2.63	.00	1.02	.45	.85	23.74
09	S	N	0100	50	2290.00	4.27	1.71	2.51	.18	1.08	.55	1.22	20.72
09	S	N	0100	60	710.00	2.27	1.14	1.47	.33	.53	.00	.31	7.73
09	S	N	0100	70	243.00	5.20	2.71	1.65	.45	.35	.29	.35	6.72
09	S	N	0100	80	182.00	5.94	3.33	.90	.31	.00	.08	.15	6.07
09	S	N	0100	90	407.00 1166.80*	11.10 7.44*	6.43 3.63*	1.76 2.39*	.76 .35*	.78 .84*	.92 .65*	4.08 1.40*	11.86 15.16*
10	S	N	0100	0	3100.00	7.10	.00	2.57	.59	1.57	.96	2.64	28.13
10	S	N	0100	10	658.00 1879.00*	29.10 18.10*	.00 .00*	3.88 3.22*	.63 .61*	1.06 1.31*	1.16 1.06*	.00 1.32*	27.63 27.87*
11	S	N	0100	0	719.00	26.00	.00	3.41	.00	.59	.59	1.18	25.52
11	S	N	0100	10	2280.00 1489.50*	4.31 15.15*	.29 .14*	1.61 2.51*	.02 .01*	1.00 .79*	.51 .55*	1.98 1.58*	19.67 22.59*
12	S	N	0100	0	1820.00	49.80	17.60	17.10	.88	5.53	6.47	2.08	62.22
12	S	N	0100	10	1410.00 1615.00*	8.31 29.05*	3.10 10.35*	5.22 11.16*	.51 .69*	1.49 3.51*	1.49 3.98*	2.35 2.21*	20.15 41.18*
13	S	N	0100	0	1430.00	4.90	2.84	3.22	.84	1.35	1.45	1.12	16.05
13	S	N	0100	10	590.00	14.10	7.51	2.06	.63	.71	.88	1.19	15.39
13	S	N	0100	20	2580.00	.00	.00	.92	.00	.63	.37	2.24	18.27
13	S	N	0100	30	1030.00	2.22	.39	1.65	.00	.98	.71	2.08	10.03
13	S	N	0100	40	146.00 1155.20*	2.45 4.73*	.53 2.25*	.69 1.70*	.00 .29*	.33 .60*	.47 .77*	1.39 1.60*	3.29 12.60*
14	S	N	0100	0	1540.00	54.00	.00	15.60	13.70	3.74	3.71	1.16	61.66
14	S	N	0100	10	2870.00	99.60	.00	24.40	.57	5.51	5.96	.11	109.64
14	S	N	0100	20	1810.00 2073.33*	12.80 55.46*	.39 .13*	5.47 15.15*	.45 4.90*	1.63 3.62*	1.39 3.68*	1.39 .88*	26.08 65.79*
15	S	N	0100	0	141.00	18.50	5.49	2.27	.45	.45	.86	1.92	15.51
15	S	N	0100	10	172.00	12.40	6.00	1.74	.51	.63	2.27	4.09	11.13

LIGHT MOLECULAR WEIGHT HYDROCARBONS FROM SEA WATER PROFILES

Cruise 2

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Site	Type	Tran	Dist	Depth	Nanoliters per liter								C5-C7	C1
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane			
15	S	N	0100	20	199.00	13.60	4.14	2.43	.59	.84	1.04	15.80	12.79	
15	S	N	0100	30	844.00	55.70	12.00	15.80	.33	3.63	4.12	1.52	58.30	
15	S	N	0100	40	285.00	10.40	6.57	1.47	.00	.37	.51	.39	10.29	
15	S	N	0100	50	1470.00	2.57	1.41	1.51	.00	.53	.22	.03	13.09	
15	S	N	0100	60	807.00	1.35	.63	2.12	.00	.59	.71	1.48	8.41	
15	S	N	0100	70	1030.00	.00	.33	1.53	.00	.61	.00	2.05	8.43	
15	S	N	0100	80	1930.00	42.40	.00	20.60	.43	3.10	5.71	4.90	61.46	
					764.22*	17.43*	4.06*	5.49*	.25*	1.19*	1.71*	3.57*	22.15*	
16	S	N	0100	0	2730.00	58.10	16.70	14.40	.63	5.18	5.33	4.06	71.23	
16	S	N	0100	10	23900.00	.00	.88	4.22	.00	4.14	2.12	1.88	165.08	
16	S	N	0100	20	11500.00	395.00	16.40	105.00	.88	27.40	37.00	.37	443.71	
16	S	N	0100	30	2940.00	7.27	.00	3.67	.51	1.78	1.33	1.59	28.24	
16	S	N	0100	40	2210.00	54.20	.00	11.30	.00	3.49	4.10	2.08	62.09	
					8656.00*	102.91*	6.79*	27.71*	.40*	8.39*	9.97*	1.99*	154.06*	
17	S	N	0100	0	159.00	8.78	2.22	1.29	.00	.00	1.00	.02	8.18	
17	S	N	0100	10	158.00	7.08	4.31	2.10	.96	1.14	1.53	4.01	7.84	
17	S	N	0100	20	126.00	27.50	.00	2.92	1.49	.22	.74	1.62	22.04	
17	S	N	0100	30	278.00	19.00	1.57	4.12	.49	1.18	2.51	3.25	18.58	
17	S	N	0100	40	988.00	70.70	.00	14.60	.00	3.51	3.25	.00	68.10	
17	S	N	0100	50	1270.00	10.40	3.02	5.37	.37	1.43	1.88	.30	20.75	
17	S	N	0100	60	609.00	4.33	2.16	3.90	2.22	2.90	2.96	.00	10.81	
17	S	N	0100	70	303.00	.67	.61	.69	.31	.39	.41	2.00	3.16	
					486.37*	18.55*	1.73*	4.37*	.73*	1.34*	1.78*	1.40*	19.92*	
18	S	N	0100	0	2690.00	10.20	.00	24.90	.61	7.74	16.30	1.37	49.32	
18	S	N	0100	10	4050.00	2800.00	.00	8.00	.71	86.60	.51	1.26	1901.78	
18	S	N	0100	20	2220.00	94.00	.00	22.20	.00	5.61	5.57	.26	99.38	
					2986.66*	968.06*	.00*	18.36*	.44*	33.31*	7.46*	.96*	683.48*	
19	S	N	0100	0	679.00	3.51	.94	2.06	.74	.65	.76	1.97	8.93	
					679.00*	3.51*	.94*	2.06*	.74*	.65*	.76*	1.97*	8.93*	
20	S	N	0100	0	2210.00	4.14	.00	1.29	.43	1.39	.82	1.71	18.90	
20	S	N	0100	10	6670.00	.00	.00	.71	.29	.61	.51	1.57	45.61	
					4440.00*	2.07*	.00*	1.00*	.36*	1.00*	.66*	1.64*	32.26*	
21	C			0	2640.00	89.30	.00	14.00	.41	4.10	4.06	2.50	91.03	
21	C			10	4610.00	.00	.00	3.45	.00	1.45	1.59	.81	34.42	



LIGHT MOLECULAR WEIGHT HYDROCARBONS FROM SEA WATER PROFILES

Cruise 2

12/04/79

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Site	Type	Tran	Dist	Depth	Nanoliters per liter							CI	
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane		CS-C7
					3625.00*	44.65*	.00*	8.72*	.20*	2.77*	2.82*	1.65*	62.72*
22	C			0	1120.00	4.35	1.39	1.92	.61	1.22	1.14	.04	12.32
22	C			10	4140.00	2.43	.00	1.84	.00	1.04	.80	1.54	31.30
					2630.00*	3.39*	.69*	1.88*	.30*	1.13*	.97*	.79*	21.81*
23	C			0	297.00	10.00	4.90	3.20	.82	1.04	1.12	3.06	11.80
23	C			10	1420.00	49.10	.00	6.29	.00	2.08	1.76	2.37	48.46
23	C			20	1750.00	53.10	12.70	18.10	1.25	4.67	6.08	1.82	64.93
23	C			30	558.00	1.67	.63	1.92	.31	.96	.69	.32	6.75
					1006.25*	28.46*	4.55*	7.37*	.59*	2.18*	2.41*	1.89*	32.97*
24	C			0	1680.00	43.50	12.10	12.70	2.51	5.16	5.33	4.08	52.76
24	C			10	1840.00	50.80	16.10	13.20	.27	2.39	2.96	1.08	59.19
					1760.00*	47.15*	14.10*	12.95*	1.39*	3.77*	4.14*	2.58*	55.98*
					2198.14**	65.37**	3.31**	11.17**	.63**	4.45**	4.27**	1.73**	69.33**

\* Mean for site.  
\*\* Mean for cruise.

LIGHT MOLECULAR WEIGHT HYDROCARBONS FROM SEA WATER PROFILES

Cruise 3

12/04/79

17:25:20

PAGE 1

Site	Type	Tran	Dist	Depth	.....Nanoliters per liter.....								C5-C7	CI
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-butane			
01	P	N	0100	0	1640.00	.00	.00	.17	.00	.00	.00	.00	25.50	11.21
01	P	N	0100	10	256.00	.00	.00	.00	.03	.00	.00	.00	.26	1.72
					948.00*	.00*	.00*	.08*	.01*	.00*	.00*	.00*	12.88*	6.46*
02	P	N	0100	0	6840.00	.00	.00	.00	.00	.00	.00	.00	.75	46.06
02	P	N	0100	10	2370.00	2.72	.53	.00	.00	.00	.00	.00	7.44	17.77
					4605.00*	1.36*	.26*	.00*	.00*	.00*	.00*	.00*	4.09*	31.91*
03	P	N	0100	0	362.00	.93	.70	.86	.00	.00	.00	.00	13.50	3.90
03	P	N	0100	10	422.00	1.60	.57	1.02	.00	.00	.00	.00	136.00	4.91
03	P	N	0100	20	921.00	1.68	1.14	2.17	.00	.00	.21	.00	253.00	9.45
					568.33*	1.40*	.80*	1.35*	.00*	.00*	.07*	.00*	134.16*	6.08*
04	P	N	0100	0	2130.00	164.00	.00	80.10	.00	22.00	18.90	.00	1.50	202.20
04	P	N	0100	10	2760.00	212.00	.00	104.00	.00	30.20	25.50	.00	15.50	261.88
04	P	N	0100	20	1160.00	100.00	.00	47.70	.00	14.90	14.40	.00	129.00	121.24
04	P	N	0100	30	545.00	8.79	4.23	3.15	.00	.00	.00	.00	350.00	12.61
					1648.75*	121.19*	1.05*	58.73*	.00*	16.77*	14.70*	.00*	124.00*	149.47*
21	C			0	1380.00	.00	.00	.00	.00	.00	.00	.00	2.62	9.29
21	C			10	404.00	.00	.00	.00	.00	.00	.00	.00	.31	2.72
					892.00*	.00*	.00*	.00*	.00*	.00*	.00*	.00*	1.46*	6.00*
22	C			0	1530.00	.55	.71	2.03	.00	.00	.00	.00	351.00	12.66
22	C			10	187.00	.00	.00	.61	.00	.00	.00	.00	18.00	1.85
22	C			20	1390.00	.00	.00	.00	.00	.00	.00	.00	61.40	9.36
					1035.66*	.18*	.23*	.88*	.00*	.00*	.00*	.00*	143.46*	7.95*
23	C			0	189.00	.00	.00	.00	.00	.00	.00	.00	725.00	1.27
23	C			10	284.00	1.26	.00	.00	.00	.00	.00	.00	37.60	2.75
23	C			20	253.00	.00	.00	.00	.00	.00	.00	.00	.60	1.70
23	C			30	192.00	.00	.00	.00	.00	.00	.00	.00	.53	1.29
					229.50*	.31*	.00*	.00*	.00*	.00*	.00*	.00*	190.93*	1.75*
24	C			0	484.00	.00	.00	.00	.00	.00	.00	.00	213.00	3.26
24	C			10	356.00	3.58	.00	1.49	.00	.00	.00	.00	63.70	6.24
					420.00*	1.79*	.00*	.74*	.00*	.00*	.00*	.00*	138.35*	4.74*
					1164.31**	22.59**	.35**	11.05**	.00**	3.05**	2.68**	.00**	109.37**	33.87**

\* Mean for site.  
\*\* Mean for cruise.

**TOTAL ORGANIC CARBON IN SURFICIAL SEDIMENT**

Site	Type	Tran	Dist	TOC, wt %	QC
01	P	N	0500	.52	
01	P	N	2000	.77	
				.68*	
01	P	E	0500	.79	
01	P	E	2000	.58	
				.68*	
01	P	S	0500	.66	.70
01	P	S	2000	.74	
				.70*	
01	P	W	0500	.71	
01	P	W	2000	.72	
				.71*	
				.68**	
02	P	N	0500	.64	
02	P	N	2000	.71	
				.67*	
02	P	E	0500	.61	
02	P	E	2000	.43	
				.52*	
02	P	S	0500	.58	
02	P	S	2000	.72	
				.65*	
02	P	W	0500	.38	
02	P	W	2000	.67	.64
				.52*	
				.59**	
03	P	N	0500	.33	
03	P	N	2000	.17	
				.25*	
03	P	E	0500	.26	
03	P	E	2000	.18	
				.22*	
03	P	S	0500	.26	.27
03	P	S	2000	.69	
				.47*	
03	P	W	0500	.28	
03	P	W	2000	.72	
				.50*	
				.36**	

Site	Type	Tran	Dist	TOC, wt %	QC
04	P	N	0500	.73	.73
04	P	N	2000	.74	
				.73*	
04	P	E	0500	.76	.77
04	P	E	2000	.75	
				.75*	
04	P	S	0500	.67	
04	P	S	2000	.85	.85
				.76*	
04	P	W	0500	.62	
04	P	W	2000	.75	
				.68*	
				.73**	
				.59***	
21	C			.54	
				.54*	
				.54**	
22	C			.56	
				.56*	
				.56**	
23	C			.69	
				.69*	
				.69**	
24	C			.91	
				.91*	
				.91**	
				.67***	
				.60****	

\* Mean for transect.  
 \*\* Mean for station.  
 \*\*\* Mean for site type.  
 \*\*\*\* Mean for cruise.

Site	Type	Tran	Dist	TOC, wt %	QC
01	P	N	0500	.81	
01	P	N	2000	.74	
				.77*	
01	P	E	0500	.83	
01	P	E	2000	.58	
				.70*	
01	P	S	0500	.82	.87
01	P	S	2000	.71	
				.76*	
01	P	W	0500	.79	
01	P	W	2000	.74	
				.76*	
				.75**	
02	P	N	0500	.59	
02	P	N	2000	.55	
				.57*	
02	P	E	0500	.27	
02	P	E	2000	.45	
				.36*	
02	P	S	0500	.32	
02	P	S	2000	.42	
				.37*	
02	P	W	0500	.27	.30
02	P	W	2000	.60	
				.43*	
				.43**	
03	P	N	0500	.20	
03	P	N	2000	.19	
				.19*	
03	P	E	0500	.24	
03	P	E	2000	.19	
				.21*	
03	P	S	0500	.26	
03	P	S	2000	.59	
				.42*	
03	P	W	0500	.45	
03	P	W	2000	.43	
				.44*	
				.31**	

Site	Type	Tran	Dist	TOC, wt %	QC
04	P	N	0500	.64	
04	P	N	2000	.64	.64
				.64*	
04	P	E	0500	.67	
04	P	E	2000	.75	
				.71*	
04	P	S	0500	.61	
04	P	S	2000	.76	
				.68*	
04	P	W	0500	.66	
04	P	W	2000	.70	
				.68*	
				.67**	
				.54***	
05	S	N	0500	.62	
05	S	N	2000	.41	
				.51*	
				.51**	
06	S	N	0500	.89	
06	S	N	2000	.94	
				.91*	
				.91**	
07	S	N	0500	.87	
07	S	N	2000	.96	
				.91*	
				.91**	
08	S	N	0500	.70	
08	S	N	2000	.61	
				.65*	
				.65**	
09	S	N	0500	.87	
09	S	N	2000	.87	.86
				.87*	
				.87**	
10	S	N	0500	.86	
10	S	N	2000	.84	
				.85*	

Site	Type	Tran	Dist	TOC, wt %	QC
				.85**	
11	S	N	0500	.56	
11	S	N	2000	.84	
				.70*	
				.70**	
12	S	N	0500	.53	
12	S	N	2000	.61	
				.57*	
				.57**	
13	S	N	0500	1.05	
13	S	N	2000	1.10	
				1.07*	
				1.07**	
14	S	N	0500	.62	
14	S	N	2000	.67	.65
				.64*	
				.64**	
15	S	N	0500	.68	
15	S	N	2000	.68	
				.68*	
				.68**	
16	S	N	0500	.78	
16	S	N	2000	.76	
				.77*	
				.77**	
17	S	N	0500	.72	
17	S	N	2000	.69	
				.70*	
				.70**	
18	S	N	0500	.70	
18	S	N	2000	.64	
				.67*	
				.67**	
19	S	N	0500	.15	
19	S	N	2000	.07	
				.11*	



Site	Type	Tran	Dist	TOC, wt %	QC
				.11**	
20	S	N	0500	.45	
20	S	N	2000	.48	
				.46*	
				.46**	
				.69***	
21	C			.90	
				.90*	
				.90**	
22	C			.65	
				.65*	
				.65**	
23	C			.64	
				.64*	
				.64**	
24	C			.71	
				.71*	
				.71**	
				.72***	
				.62****	

\* Mean for transect.  
 \*\* Mean for station.  
 \*\*\* Mean for site type.  
 \*\*\*\* Mean for cruise.

TOC IN SURFICIAL SEDIMENTS Cruise 3 12/04/79 17:16:50 PAGE 1

Site	Type	Tran	Dist	TOC, wt %	QC
01	P	N	0500	.71	
01	P	N	2000	.68	
				.69*	
01	P	E	0500	.78	
01	P	E	2000	.64	
				.71*	
01	P	S	0500	.64	.65
01	P	S	2000	.71	
				.67*	
01	P	W	0500	.67	
01	P	W	2000	.71	
				.69*	
				.69**	
02	P	N	0500	.56	
02	P	N	2000	.36	
				.46*	
02	P	E	0500	.58	
02	P	E	2000	.35	
				.46*	
02	P	S	0500	.43	
02	P	S	2000	.38	
				.40*	
02	P	W	0500	.48	
02	P	W	2000	.54	.54
				.51*	
				.46**	
03	P	N	0500	.39	
03	P	N	2000	.44	
				.41*	
03	P	E	0500	.39	
03	P	E	2000	.49	
				.44*	
03	P	S	0500	.37	
03	P	S	2000	.61	
				.49*	
03	P	W	0500	.26	
03	P	W	2000	.33	
				.29*	
				.41**	

Site	Type	Tran	Dist	TOC, wt %	QC
04	P	N	0500	.66	
04	P	N	2000	.60	
				.63*	
04	P	E	0500	.62	.61
04	P	E	2000	.71	
				.66*	
04	P	S	0500	.63	
04	P	S	2000	.70	
				.66*	
04	P	W	0500	.65	
04	P	W	2000	.64	
				.64*	
				.65**	
				.55***	
21	C			.51	
				.51*	
				.51**	
22	C			.77	
				.77*	
				.77**	
23	C			.82	
				.82*	
				.82**	
24	C			.73	
				.73*	
				.73**	
				.70***	
				.57****	

\* Mean for transect.  
 \*\* Mean for station.  
 \*\*\* Mean for site type.  
 \*\*\*\* Mean for cruise.

**SURFICIAL SEDIMENT HYDROCARBON  
TOTALS-RATIOS-INDICES**

SURFICIAL SEDIMENT HYDROCARBON - TOTALS SUMMARY for BLM282C1

Label	T1	T2	T3	T4	T5
780501PE0100282..H.G	35.5992	98.2581	133.8573	1.4992	1.1581
780501PE01002820.H.G	62.4229	122.2460	184.6689	1.4629	.4460
780501PE0500282..H.G	18.7588	49.4026	106.8814	.7588	4.8814
780501PE1000282..H.G	11.6989	41.4034	105.7957	.6989	.1349
780501PE2000282..H.G	29.4608	11.3349	40.7957	.5608	.3238
780501PN0100282..H.G	118.6882	70.7838	189.4720	.8282	.0793
780501PN0500282..H.G	7.9016	7.3793	15.2809	.2816	.1139
780501PN1000282..H.G	37.4049	7.3439	39.7488	.6049	.7932
780501PN2000282..H.G	43.0232	19.9736	62.9968	.7932	1.4736
780501PS0100282..H.G	7.0765	363.6008	370.6773	.3165	.0908
780501PS0500282..H.G	19.2695	9.2004	28.4629	.6295	.1704
780501PS1000282..H.G	34.8726	12.0726	46.9452	.7426	.1626
780501PS2000282..H.G	24.2338	14.6206	38.8548	.8438	.1406
780501PW0100282..H.G	61.2301	35.0744	98.3845	1.0601	.2540
780501PW0500282..H.G	18.2402	4.2733	28.4815	.9082	.6333
780501PW1000282..H.G	8.7626	4.8800	18.6426	.7626	.6100
780501PW2000282..H.G	38.2349	22.1826	60.4175	.9349	.4326
Platform average	33.6545	53.6947	87.3492	.6945	.6365
780502PE0100282..H.G	21.0573	10.8831	31.9404	.5673	.2831
780502PE01002820.H.G	18.3716	8.6658	27.0374	.3716	.0358
780502PE0500282..H.G	4.4355	2.0318	6.4673	.2255	.2118
780502PE1000282..H.G	10.0114	2.0170	12.0689	.6114	.1710
780502PE2000282..H.G	3.0040	4.1400	7.8448	.2048	.1600
780502PN0100282..H.G	7.4205	5.3219	5.7424	.4205	.2019
780502PN0500282..H.G	7.8027	5.7923	13.5950	.4527	.4723
780502PN1000282..H.G	1.8014	3.3628	2.1643	.1614	.0428
780502PS0100282..H.G	19.7263	42.8307	62.5570	.5863	2.7707
780502PS0500282..H.G	8.2626	7.7717	9.0343	.7326	.6717
780502PS1000282..H.G	16.6277	7.5718	24.1995	1.5977	1.1618
780502PS2000282..H.G	12.0591	24.5235	36.5826	3.1241	.8125
780502PW0100282..H.G	2.1585	1.8991	5.0576	.2885	.0562
780502PW0500282..H.G	2.0180	6.3952	2.4032	.4789	.1352
780502PW1000282..H.G	4.8374	4.5175	6.2493	.4024	.1352
780502PW2000282..H.G	1.9218	4.5175	6.2493	.3318	.1575
Platform average	9.5559	7.8470	17.4029	.5612	.4611
780503PE0100282..H.G	11.6659	6.5121	18.1780	.3659	.5521
780503PE01002820.H.G	13.9823	3.7017	17.6840	.4023	.5217
780503PE0500282..H.G	6.2841	2.2861	8.5702	.1841	.0361
780503PE1000282..H.G	3.3342	2.8308	6.1650	.4342	.0808
780503PE2000282..H.G	7.6088	2.2279	9.8667	.6088	.0179
780503PN0100282..H.G	4.7039	2.1510	6.8544	.2739	.0510
780503PN0500282..H.G	3.5289	3.9594	9.4883	.4589	.0194
780503PN1000282..H.G	3.0682	1.5782	4.6424	.1142	.0382
780503PN2000282..H.G	7.0653	1.6726	4.7379	.1153	.0126
780503PS0100282..H.G	7.2464	2.7282	9.9746	.1664	.0782
780503PS0500282..H.G	10.6275	1.1719	11.7994	.4675	.0119
780503PS1000282..H.G	8.1225	2.5428	10.6653	.3025	.0228
780503PS2000282..H.G	5.4425	1.8047	7.2472	.1525	.0347
780503PW0100282..H.G	8.6375	5.3426	13.9801	.1075	.0826
780503PW0500282..H.G	10.7821	.7501	11.5322	.0821	.0101
780503PW1000282..H.G	5.3374	1.3471	3.6842	.1074	.0471
780503PW2000282..H.G	2.6225	3.9590	9.6115	1.0625	.2590
Platform average	6.9462	2.7409	9.8671	.2832	.1103
780504PE0100282..H.G	9.3291	6.1315	15.4606	.5691	.0415
780504PE01002820.H.G	6.2506	3.5444	9.7950	.4506	.0344
780504PE0500282..H.G	17.4051	8.4069	26.2120	.6651	.1269
780504PE1000282..H.G	16.7721	5.4798	22.2519	.4721	.0598
780504PE2000282..H.G	27.0660	3.2078	30.2738	1.0660	.6878
780504PN0100282..H.G	7.5632	73.2978	80.4610	.9132	1.0978
780504PN0500282..H.G	9.5854	15.4167	25.0021	.5054	.1467
780504PN1000282..H.G	22.4421	3.7424	26.1842	.8421	.0824
780504PN2000282..H.G	15.2562	6.2993	21.5353	.8462	.1393
780504PS0100282..H.G	4.1391	4.4908	4.5305	.5901	.2004
780504PS0500282..H.G	17.0211	7.7671	24.7882	.5611	.4671

780504PS1000282..H.G	30.2926	10.1379	40.4305	.6626	.4279
780504PS2000282..H.G	4.1454	3.4639	7.6093	.0954	.0239
780504PW0500282..H.G	60.0958	6.3000	66.3958	2.1058	.0800
780504PW1000282..H.G	26.7584	14.1802	41.1386	.8284	.1802
780504PW2000282..H.G	26.9300	11.2316	38.1616	1.0700	.2916
Platform average	18.8158	11.3561	30.1719	.7414	.2554
780521C 282..H.G	27.5931	4.1819	31.7750	1.3031	.0619
780521C 282U.H.G	26.0266	1.9246	27.9512	.2166	.0446
Platform average	26.8098	3.0532	29.8631	.7598	.0532
780522C 282..H.G	17.6922	22.5088	40.2010	.7022	.5188
Platform average	17.6922	22.5088	40.2010	.7022	.5188
780523C 282..H.G	10.0808	3.4112	13.4920	.7908	.0312
780523C 282U.H.G	8.9027	8.4537	17.3564	.7527	.0637
Platform average	9.4917	5.9324	15.4242	.7717	.0474
780524C 282..H.G	41.5334	4.0011	45.5345	.8134	.1011
Platform average	41.5334	4.0011	45.5345	.8134	.1011
Cruise average	20.5624	13.8917	34.4542	.6659	.2729

\* T1 = Total Saturated Hydrocarbons  
T2 = Total Unsaturated Hydrocarbons  
T3 = Total Hydrocarbons  
T4 = Total Resolved Saturated Hydrocarbons  
T5 = Total Resolved Unsaturated Hydrocarbons

SURFICIAL SEDIMENT HYDROCARBON - TOTALS SUMMARY for BLM2R2C2

Label	T1	T2	T3	T4	T5
780801PE05002B2..H.G	316.3272	34.0603	350.3875	.9172	.5303
780801PE20002B2..H.G	5.7868	25.5763	47.9630	.4167	.2661
780801PN05002B2..H.G	15.0800	17.3404	51.1811	.4538	.0804
780801PS05002B2..H.G	69.7761	31.4050	101.1811	1.4361	.3250
780801PS20002B2..H.G	24.7062	35.1858	59.8920	.2862	.1658
780801PW05002B2..H.G	25.7700	19.0819	44.8519	.4000	.1019
780801PW20002B2..H.G	8.244	79.8748	80.6492	.9244	.5548
Platform average	64.4580	30.3246	94.7827	.7768	.3384
780802PE05002B2..H.G	9.7207	5.3106	15.0313	.4307	.1906
780802PE20002B2..H.G	31.1502	4.2774	12.6272	.6702	.0574
780802PN05002B2..H.G	10.2845	1.6810	15.9655	1.0345	.1410
780802PS05002B2..H.G	9.5801	5.6743	15.2344	1.1401	.2443
780802PS20002B2..H.G	12.1897	1.8198	14.0095	.4797	.0898
780802PW05002B2..H.G	28.5352	4.1304	31.6656	.6952	.3604
780802PW20002B2..H.G	8.9876	4.9313	13.9189	.6776	.0913
Platform average	15.8040	3.6892	19.4932	.7282	.1678
780803PE05002B21..H.G	5.2221	7.0408	12.2639	.1821	.0608
780803PE05002B22..H.G	9.5324	4.9528	14.4852	.3924	.1228
780803PE20002B2..H.G	16.7857	6.0593	22.8450	.6254	.0769
780803PN05002B2..H.G	17.8373	4.2674	25.5853	1.0779	.7875
780803PS05002B21..H.G	11.4791	4.5401	16.5192	.1291	.0201
780803PS05002B22..H.G	8.3690	3.5741	11.9431	.3190	.0541
780803PS20002B21..H.G	38.2697	7.7851	46.0548	1.1597	.4751
780803PS20002B22..H.G	17.7178	4.7671	26.4849	.4078	.2271
780803PW05002B21..H.G	12.4008	1.3623	13.7671	.4548	.0523
780803PW05002B22..H.G	5.0046	1.9672	6.9718	.0846	.1172
780803PW20002B2..H.G	11.0089	3.6329	14.6418	.5589	.1029
Platform average	13.1222	4.5111	17.6334	.4414	.1761
780804PE05002B2..H.G	29.7183	14.7322	44.4505	.7283	.1422
780804PE20002B2..H.G	16.4129	7.7870	24.1999	2.2729	.2070
780804PN05002B2..H.G	14.0605	9.4515	23.5120	3.2005	.3015
780804PN20002B2..H.G	13.3435	6.5112	19.8547	.3535	.1612
780804PS05002B2..H.G	9.4649	4.8806	14.3455	1.6549	.1106
780804PS20002B2..H.G	12.5404	10.6154	23.1558	.4604	.3754
780804PW05002B2..H.G	10.3070	4.8548	15.1618	.3670	.0948
Platform average	15.1210	8.4046	23.5257	1.2910	.1989
780805SN01002B2..H.G	13.3411	12.1475	25.4886	.8011	.3575
780805SN05002B2..H.G	36.7846	34.1363	41.1361	1.0306	.5365
780805SN10002B2..H.G	36.9696	5.9844	41.9540	1.2796	.3144
780805SN20002B2..H.G	3.9042	3.6854	7.5896	.7342	.0554
Platform average	15.0036	14.0384	29.0420	.9711	.3159
780806SN01002B2..H.G	69.2935	33.0909	102.3844	.9735	1.9409
780806SN01002B20..H.G	54.4561	12.7579	67.2140	.8861	.0679
780806SN05002B2..H.G	37.9383	110.9579	148.8962	5.3083	7.8379
780806SN05002B20..H.G	22.5847	90.4326	113.0173	.7747	.7726
780806SN10002B2..H.G	26.8400	22.2855	49.1255	3.5700	.3255
780806SN20002B2..H.G	2.3418	40.1744	43.5166	.8818	.3144
Platform average	35.7424	51.6165	87.3599	2.0657	1.8765
780807SN01002B2..H.G	24.6089	43.2112	67.8201	2.4289	.6412
780807SN05002B2..H.G	29.8753	17.5463	47.4216	3.3553	.9663
780807SN10002B2..H.G	47.5088	12.8863	60.1951	.6288	.2163
780807SN20002B2..H.G	27.9838	10.5590	38.5428	.6238	.4490
Platform average	32.4942	21.0007	53.4949	1.7592	.5682
780808SN01002B2..H.G	22.4327	11.5798	34.0125	.3627	.2998
780808SN05002B2..H.G	15.0627	26.4780	41.5472	2.2627	.1590
780808SN10002B2..H.G	31.4798	20.9280	32.7745	.6156	.3146
780808SN20002B2..H.G	5.4798	20.2948	33.7745	1.094	.2748
Platform average	17.9818	15.1020	33.0839	.7793	.2620

780809SN01002B2..H.G	7.9476	5.2578	13.2054	.3776	.1378
780809SN05002B2..H.G	12.0257	7.5092	10.5149	.2957	.0892
780809SN10002B2..H.G	17.0558	12.3167	10.3725	.5858	.1567
780809SN20002B2..H.G	41.2506	8.1964	50.4470	.8606	.4664
Platform average	22.0699	8.5700	30.6399	.5299	.3375
780810SN01002B2..H.G	7.6662	24.5668	32.2330	1.4362	2.0068
780810SN05002B2..H.G	1.6929	2.2624	3.9553	.5429	.1624
780810SN10002B2..H.G	7.9495	.6045	8.5540	.1795	.0745
780810SN20002B2..H.G	19.4881	4.6605	24.1486	1.8181	.1405
Platform average	9.1991	8.0235	17.2227	.9941	.5960
780811SN01002B2..H.G	3.2145	219.5277	222.7422	.0245	2.5677
780811SN05002B2..H.G	7.2966	4.3496	11.6465	1.3066	.1896
780811SN10002B2..H.G	3.1689	4.1558	7.3247	.7189	.1658
780811SN20002B2..H.G	5.2267	8.7183	13.9450	.4867	.5283
Platform average	4.7266	59.1878	63.9145	.6341	.8628
780812SN01002B2..H.G	7.9079	35.6583	43.5662	.4579	.3583
780812SN05002B2..H.G	13.0714	5.7005	18.7719	.9114	.0509
780812SN10002B2..H.G	28.9582	7.8609	36.8191	2.5882	.1809
780812SN20002B2..H.G	7.0290	8.1170	15.1460	.7583	.1270
Platform average	14.2416	10.3391	28.5808	1.0591	.1791
780813SN01002B2..H.G	79.9131	25.2256	105.1387	1.3131	.2956
780813SN05002B2..H.G	60.1255	24.8957	85.0212	.5355	.2857
780813SN05002B2..H.G	36.6305	29.4689	66.0994	4.1005	.7789
780813SN10002B2..H.G	46.3130	41.0318	87.3448	6.0630	.3518
780813SN20002B2..H.G	24.6226	29.8136	54.4362	2.9126	.4236
Platform average	49.5209	30.0871	79.6080	2.9849	.4271
780814SN01002B2..H.G	26.9388	37.6083	64.5471	1.2788	.1783
780814SN05002B2..H.G	30.2415	6.9549	37.1964	.9615	.1249
780814SN10002B2..H.G	14.5471	4.4195	18.9666	.3971	.0895
780814SN20002B2..H.G	3.2436	4.9179	8.1615	.1136	.0279
Platform average	18.7427	13.4751	32.2179	.6877	.1051
780815SN01002B2..H.G	28.1354	10.0894	38.2248	.6054	.1094
780815SN05002B2..H.G	16.8800	6.1330	23.0130	.3700	.0730
780815SN10002B2..H.G	22.5577	7.0007	29.5584	.8577	.1107
780815SN20002B2..H.G	12.1057	11.5062	23.6119	.5657	.0362
Platform average	19.9197	8.6823	28.6020	.5997	.0873
780816SN01002B2..H.G	12.1013	94.5533	106.6546	.9113	1.3433
780816SN05002B2..H.G	14.5070	70.3711	84.8781	.3270	.6811
780816SN10002B2..H.G	29.5970	25.5451	55.1421	.5870	.3451
780816SN20002B2..H.G	37.5341	12.2064	49.7405	.6741	.2464
Platform average	23.4348	50.6689	74.1038	.6248	.6289
780817SN01002B2..H.G	12.7314	63.6371	76.3685	.1714	.8171
780817SN05002B2..H.G	45.1786	27.5426	72.7212	.6686	.2926
780817SN05002B2..H.G	38.2435	12.2407	50.4842	.6635	.1707
780817SN10002B2..H.G	13.7786	15.7550	29.5336	.5596	.6150
780817SN20002B2..H.G	9.6844	3.9435	13.6279	.5444	.0035
Platform average	23.9235	24.6237	48.5472	.5815	.3637
780818SN01002B2..H.G	28.2598	13.3483	41.6081	.6498	.1783
780818SN05002B2..H.G	61.2384	14.6291	75.8675	2.8484	.2091
780818SN10002B2..H.G	3.0414	6.9938	10.0352	1.6314	.0938
780818SN20002B2..H.G	19.3008	11.3159	30.6167	.3108	.1159
Platform average	27.9601	11.5717	39.5318	1.3601	.1492
780819SN05002B2..H.G	2.0205	1.3950	3.4155	.4705	.1250
780819SN10002B2..H.G	4.8726	1.3799	6.2525	.9526	.0299
780819SN20002B2..H.G	2.4909	2.9815	5.4724	.8809	.0215
Platform average	3.1280	2.5854	5.7134	.7680	.0588
780820SN01002B2..H.G	28.4127	6.5447	34.9574	3.4727	.1347
780820SN05002B2..H.G	5.5275	2.1135	7.6410	.7275	.2035
780820SN10002B2..H.G	11.8119	3.6046	15.4165	.7119	.0846
780820SN20002B2..H.G	2.0720	2.6250	4.6970	.6620	.0950
Platform average	11.9560	3.7219	15.6779	1.3935	.1294



780821C	282..H.G	34.9419	38.6363	73.5782	-.3919	-.4463
	Platform average	34.9419	38.6363	73.5782	-.3919	-.4463
780822C	282..H.G	13.2931	10.5813	23.8744	-.5631	-.3013
	Platform average	13.2931	10.5813	23.8744	-.5631	-.3013
780823C	282..H.G	10.4208	.0409	10.4617	-.3408	-.0409
	Platform average	10.4208	.0409	10.4617	-.3408	-.0409
780824C	282..H.G	23.4568	9.3998	32.8566	-.8568	-.2498
	Platform average	23.4568	9.3998	32.8566	-.8568	-.2498
Cruise average		21.6942	18.4534	40.1477	-.9576	-.3694

\* T1 = Total Saturated Hydrocarbons  
T2 = Total Unsatuated Hydrocarbons  
T3 = Total Hydrocarbons  
T4 = Total Resolved Hydrocarbons  
T5 = Total Unresolved Hydrocarbons

SURFICIAL SEDIMENT HYDROCARBON - TOTALS SUMMARY for BLM2B2C3

Label	T1	T2	T3	T4	T5
790101PE05002B2..H.G	26.1588	5.9813	32.1401	4.9188	.3013
790101PE20002B2..H.G	53.9574	7.5572	61.5146	1.0174	.1372
790101PN05002B2..H.G	61.7435	6.2979	122.0414	.6435	.6979
790101PN20002B2..H.G	61.1542	30.1667	51.3209	.4742	.4567
790101PS05002B2..H.G	166.7499	11.8116	178.5615	2.8399	.0916
790101PS20002B2..H.G	23.0206	18.9540	41.9746	2.7606	.2640
790101PW05002B2..H.G	1.2131	18.6512	13.8643	.1633	.1712
790101PW20002B2..H.G	25.6187	18.9076	48.5263	3.5283	.3076
Platform average	47.4520	20.7909	68.2429	2.0432	.3034
790102PE05002B2..H.G	25.8721	8.2556	34.1277	1.5421	.2956
790102PE20002B2..H.G	24.1011	19.8902	34.9913	2.8611	.5002
790102PN05002B2..H.G	1.8617	2.6445	4.5082	.3017	.1465
790102PN20002B2..H.G	19.6130	6.1429	25.7559	1.1230	.1629
790102PS05002B2..H.G	17.2546	6.9353	24.1899	1.4546	.1053
790102PS20002B2..H.G	23.1406	7.8564	30.9970	1.1706	.2264
790102PW05002B2..H.G	10.3397	5.8975	16.2372	1.2697	.3575
790102PW20002B2..H.G	7.5257	7.9119	15.4376	1.9157	.3219
Platform average	16.2135	7.0670	23.2806	1.2423	.2395
790103PE05002B2..H.G	7.0642	3.3399	10.4041	1.4842	.1799
790103PE20002B2..H.G	4.5627	8.1286	7.6913	.5827	.0786
790103PN05002B2..H.G	12.2611	8.8588	18.0959	.5511	.1048
790103PN20002B2..H.G	7.1637	4.9717	12.1354	1.8437	1.1517
790103PS05002B2..H.G	31.9753	6.3353	38.3106	1.9153	.1153
790103PS20002B2..H.G	7.8102	5.7209	13.5311	2.2602	.1009
790103PW05002B2..H.G	5.7121	1.1395	6.8516	1.0421	.0495
790103PW20002B2..H.G	7.4565	2.3241	9.7806	1.7365	.0141
Platform average	10.4982	4.1018	14.6000	1.2894	.2243
790104PE05002B2..H.G	19.3451	3.1114	22.4565	3.2551	.0814
790104PE20002B2..H.G	17.4991	3.8143	22.3134	3.6791	.1163
790104PN05002B2..H.G	3.2075	9.0114	40.2189	4.5975	.2414
790104PN20002B2..H.G	3.7824	10.6710	18.4534	.4024	.1410
790104PS05002B2..H.G	14.3988	4.7002	19.0990	.8488	.1102
790104PS20002B2..H.G	17.8901	12.5227	30.4128	.5301	.0627
790104PW05002B2..H.G	2.8471	2.7275	5.5746	.3371	.0775
790104PW20002B2..H.G	12.7011	18.3665	27.0676	.3311	.2865
Platform average	15.4589	8.2471	23.7069	1.6101	.1398
790121C 2B2..H.G	31.1933	6.7750	37.9683	1.4833	.1950
Platform average	31.1933	6.7750	37.9683	1.4833	.1950
790122C 2B2..H.G	23.0082	10.8089	33.8171	1.2982	.5689
Platform average	23.0082	10.8089	33.8171	1.2982	.5689
790123C 2B2..H.G	29.8796	2.8352	32.7148	1.4996	.2052
Platform average	29.8796	2.8352	32.7148	1.4996	.2052
790124C 2B2..H.G	19.1318	26.0560	45.1878	.4618	.2860
Platform average	19.1318	26.0560	45.1878	.4618	.2860
Cruise average	24.1044	10.8352	34.9396	1.3659	.2702

\* T1 = Total Saturated Hydrocarbons  
 T2 = Total Unsaturated Hydrocarbons  
 T3 = Total Hydrocarbons  
 T4 = Total Resolved Hydrocarbons  
 T5 = Total Unresolved Hydrocarbons

SURFICIAL SEDIMENT HYDROCARBON - RATIO SUMMARY for BLM2B2C1

Label	R1	R2	R3	R4	T3/TOC
780501PE01002B2	.3623	.9026	10.3529	.8590	
780501PE01002B2	.5105	.7461	1.8282	.8012	
780501PE01002B2	1.0205	1.1128	1.8275	1.1667	.0046
780501PE10002B2	2.1213	2.1009	1.2832	.4706	
780501PE20002B2	2.5991	1.1989	1.0933	.7458	.0070
780501PN01002B2	1.6768	.9157	3.6190	2.5043	
780501PN05002B2	1.0708	.4986	1.1273	.8734	.0029
780501PN10002B2	4.4125	1.4954	3.2600	.7986	
780501PN20002B2	2.1580	1.8585	1.2348	.6057	.0081
780501PS01002B2	2.0195	1.0152	1.7391	1.4812	
780501PS05002B2	2.0988	1.8036	1.2344	1.1443	.0043
780501PS10002B2	2.2885	1.0746	1.1352	.7520	.0052
780501PS20002B2	1.6480	1.3193	1.5555	.7553	
780501PW05002B2	4.2609	1.2025	1.2625	.5622	.0031
780501PW10002B2	2.0005	1.4183	1.3296	.5402	
780501PW20002B2	1.7236	1.4231	1.4510	.6624	.0083
Platform average	1.7838	1.2869	2.0812	.9379	.0054
780502PE01002B2	1.9349	.2100	1.1569	1.0564	
780502PE01002B2	2.1200	.4179	1.8279	.6979	
780502PE05002B2	1.1830	1.4493	1.2387	.6299	.0010
780502PE10002B2	3.3118	1.7782	1.8463	1.3878	.0016
780502PN01002B2	1.1881	.8471	.7347	.6693	
780502PN05002B2	1.4731	.5492	.8092	.7201	.0008
780502PN10002B2	1.3471	.7925	.7975	.7450	
780502PN20002B2	4.3639	1.3714	1.0833	.7282	.0003
780502PS01002B2	1.4606	1.8037	1.2908	.5544	
780502PS05002B2	10.7070	1.0895	.7962	.6229	.0015
780502PS10002B2	2.1960	1.2263	1.0227	.8058	
780502PS20002B2	1.4912	.7186	1.1441	.5968	.0050
780502PW01002B2	1.6882	.7151	1.0734	.7360	.0072
780502PW05002B2	4.8805	1.8069	1.0734	.7360	
780502PW10002B2	1.8805	1.0412	.9712	.6736	
780502PW20002B2	2.4474	1.8767	.6809	.6460	.0009
Platform average	2.3620	.8570	.9800	.7207	.0022
780503PE01002B2	1.7914	.9841	.6122	.5860	
780503PE01002B2	3.7773	1.2294	1.0469	.2892	
780503PE05002B2	2.7888	1.5344	1.2667	.5545	.0032
780503PE10002B2	1.1778	1.0794	.6267	.2877	
780503PE20002B2	2.4629	1.8275	1.8000	4.159	.0054
780503PN01002B2	1.1868	1.6571	1.8000	3.723	
780503PN05002B2	1.5964	.8049	1.3750	.5694	.0028
780503PN10002B2	1.9416	.3143	1.1000	.6250	
780503PN20002B2	1.8327	.6667	1.0303	.6145	.0027
780503PS01002B2	2.6561	.9464	.6709	.4409	
780503PS05002B2	3.0686	.4688	1.1538	.5246	.0045
780503PS10002B2	3.1943	1.6456	.6492	.5032	
780503PS20002B2	3.0157	1.2703	1.3056	.2911	.0010
780503PW01002B2	1.6167	.1912	1.0000	.7252	
780503PW05002B2	14.3742	.3646	1.7500	.6610	.0041
780503PW10002B2	1.7351	.7143	1.0000	.6583	
780503PW20002B2	1.4978	2.1480	.5566	.4587	.0013
Platform average	3.3712	.8504	.9402	.5476	.0031
780504PE01002B2	1.5215	.6390	.9112	.7173	
780504PE01002B2	1.7635	.3133	.7497	.6997	
780504PE05002B2	1.9763	1.5932	1.2256	.2216	.0034
780504PE10002B2	3.0607	.8519	.4274	.7670	
780504PE20002B2	3.4376	.9301	.8319	.6094	.0040
780504PN01002B2	1.0326	.8920	1.6122	.7928	
780504PN05002B2	1.6218	.8753	1.1595	.2948	.0034
780504PN10002B2	2.5029	.8923	1.8880	.9156	
780504PN20002B2	1.4219	1.2435	1.6824	.5180	.0029
780504PS01002B2	1.6624	.6650	.9255	.7515	
780504PS05002B2	2.1914	1.3465	1.0461	.6513	.0036

780504PS1000282	..H.G	2.9881	.7600	1.1515	.4630	
780504PS2000282	..H.G	1.1967	.4000	1.2857	.6522	.0008
780504PW0500282	..H.G	9.5390	1.3006	1.4489	.7689	.0107
780504PW1000282	..H.G	1.8608	.7462	4.4091	.8025	
780504PW2000282	..H.G	2.3977	1.3390	1.4836	.4403	.0050
Platform average		2.9837	.8694	1.3009	.6519	.0042
780521C	282..H.G	6.5982	1.4294	.9878	.6296	.0058
780521C	2820.H.G	13.5231	.6750	1.0000	.5063	.0051
Platform average		10.0606	1.0522	.9939	.5679	.0054
780522C	282..H.G	.7860	1.7721	1.3098	.6667	.0071
Platform average		.7860	1.7721	1.3098	.6667	.0071
780523C	282..H.G	2.9552	1.0280	.9735	.6407	.0019
780523C	2820.H.G	1.0531	1.3304	1.4450	.6879	.0025
Platform average		2.0041	1.1792	1.2092	.6643	.0022
780524C	282..H.G	10.3805	1.2581	1.0871	.9430	.0050
Platform average		10.3805	1.2581	1.0871	.9430	.0050
Cruise average		4.2164	1.1406	1.2377	.7125	.0043

\* P1 = Total Saturates/Total Unsaturation  
R2 = Pristane/Phytane  
R3 = Pristane/C17  
R4 = Phytane/C18  
T3/TOC = Total HC/Total Organic Carbon

## SURFICIAL SEDIMENT HYDROCARBON - RATIOS SUMMARY for BLM2B2C2

Label	R1	R2	R3	R4	T3/10C
780801PE05002B2..H.G	9.2873	.0000	.0000	2.4000	.0422
780801PE20002B2..H.G	1.1245	1.4464	1.1912	.7724	.0085
780801PN05002B2..H.G	2.8130	1.3962	1.1445	.4753	.0065
780801PN20002B2..H.G	2.1321	1.2271	1.0590	.7003	.0020
780801PS05002B2..H.G	2.2218	1.1303	.9172	.6190	.0123
780801PS20002B2..H.G	.7022	1.7200	2.0976	.2778	.0084
780801PW05002B2..H.G	1.3505	1.5291	1.3750	.9765	.0056
780801PW20002B2..H.G	2.0103	1.0000	.0000	1.4211	.0109
Platform average	2.4577	1.0555	.9856	.9803	.0121
780802PE05002B2..H.G	1.6304	.6349	1.4286	.5575	.0055
780802PE20002B2..H.G	2.5422	1.3556	1.1681	.7477	.0073
780802PN05002B2..H.G	2.7939	1.1586	1.8950	.6791	.0025
780802PN20002B2..H.G	1.6848	1.3333	1.2135	.6113	.0027
780802PS05002B2..H.G	6.6984	.7551	1.8800	.7206	.0043
780802PS20002B2..H.G	9.1155	1.1890	.9799	.6534	.0117
780802PW05002B2..H.G	1.8226	1.9773	1.0886	.6331	.0023
780802PW20002B2..H.G	6.9268	1.0576	1.1831	.6561	.0051
Platform average	6.9268	1.0576	1.1831	.6561	.0051
780803PE05002B21.H.G	.7817	.3235	1.5714	.5574	.0051
780803PE20002B21.H.G	1.9244	9.2000	.6963	.0339	.0060
780803PN05002B21.H.G	6.7713	1.7818	.7818	.8331	.0120
780803PN20002B21.H.G	1.9064	1.6359	.8200	.5450	.0103
780803PS05002B21.H.G	1.1781	2.0000	1.0000	.4286	.0027
780803PS20002B21.H.G	2.4217	.1316	.5000	.4524	.0062
780803PW05002B21.H.G	2.3416	.6977	.9677	.4831	.0045
780803PW20002B21.H.G	4.9158	1.6837	1.1912	1.0007	.0078
780803PS20002B22.H.G	2.0209	2.0164	1.3516	1.0167	.0044
780803PW05002B21.H.G	1.1058	1.0517	.7349	.5438	.0030
780803PW20002B21.H.G	2.5480	1.5122	.6000	.5616	.0015
780803PS20002B22.H.G	1.0373	1.8014	.9400	.6364	.0034
Platform average	3.4005	1.8196	.9299	.4933	.0055
780804PE05002B2..H.G	2.0172	.9622	1.7282	.8726	.0066
780804PE20002B2..H.G	2.1077	.4515	.3102	.8770	.0032
780804PN05002B2..H.G	1.4876	.8243	.8136	.7822	.0036
780804PN20002B2..H.G	2.0493	1.6282	1.3229	.6190	.0031
780804PS05002B2..H.G	1.9393	4.7192	.7675	.4011	.0023
780804PS20002B2..H.G	1.1813	4.8929	1.3600	.7391	.0030
780804PW05002B2..H.G	2.1231	1.1771	1.4304	.7275	.0024
780804PW20002B2..H.G	1.8436	1.5164	1.0961	.7169	.0034
Platform average	1.8436	1.5164	1.0961	.7169	.0034
780805SN01002B2..H.G	1.0983	.5000	.2888	.6056	.0056
780805SN05002B2..H.G	1.1980	2.7582	1.2184	.5109	.0066
780805SN10002B2..H.G	6.0106	1.5397	.6978	.5369	.0066
780805SN20002B2..H.G	1.0594	1.0000	.3253	.5934	.0018
Platform average	2.0915	1.4494	.6315	.6117	.0042
780806SN01002B2..H.G	2.0940	2.3986	1.3293	1.1405	.0066
780806SN01002B2..H.G	4.2684	1.6603	1.2183	.6942	.0066
780806SN05002B2..H.G	3.819	3.3952	.6192	.2246	.0167
780806SN20002B2..H.G	1.2497	1.6052	1.6057	.6057	.0126
780806SN10002B2..H.G	1.2044	1.2113	.7966	.8227	.0066
780806SN20002B2..H.G	.0832	.5641	.9296	1.1250	.0046
Platform average	1.3736	1.5854	1.1149	.6810	.0113
780807SN01002B2..H.G	.5695	.9048	1.5913	1.0425	.0066
780807SN05002B2..H.G	1.7027	1.1737	1.2284	.8055	.0054
780807SN10002B2..H.G	3.7449	1.3185	2.9180	1.1638	.0066
780807SN20002B2..H.G	2.6502	1.5101	1.4423	.6340	.0040
Platform average	2.1668	1.2267	1.7950	.9114	.0047
780808SN01002B2..H.G	1.9372	1.2867	1.3786	.6522	.0066
780808SN05002B2..H.G	2.3187	1.1773	1.4888	1.1102	.0030
780808SN10002B2..H.G	1.4506	1.1094	.0191	.9648	.0066
780808SN20002B2..H.G	.1222	1.622	1.3846	.9737	.0037
Platform average	1.4571	.9339	1.3177	.9252	.0033

780809SN01002B2..H.G	1.5116	2.9020	.8810	.6145	
780809SN05002B2..H.G	1.6015	.4177	1.1379	.7745	.0022
780809SN10002B2..H.G	1.1967	1.1318	1.2479	.7167	
780809SN20002B2..H.G	4.8555	4.1698	1.2849	.5889	.0057
Platform average	2.4488	2.1553	1.1379	.6736	.0039
780810SN01002B2..H.G	.3121	.5255	.8834	.8483	
780810SN05002B2..H.G	.7483	1.9000	.8636	.5495	.0004
780810SN10002B2..H.G	1.1505	.3881	.8387	.5076	
780810SN20002B2..H.G	4.1815	1.3298	.7938	.4659	.0028
Platform average	4.5981	1.0358	.8448	.5928	.0016
780811SN01002B2..H.G	.0146	.0000	.0000	.0000	
780811SN05002B2..H.G	1.6775	.4107	.2614	.6985	.0020
780811SN10002B2..H.G	.7625	.7348	.2939	.4981	
780811SN20002B2..H.G	.5995	3.2308	.5600	.2889	.0016
Platform average	.7635	1.0940	.2788	.3713	.0018
780812SN01002B2..H.G	.2218	1.0610	1.2985	.6833	
780812SN05002B2..H.G	2.2930	1.1789	1.0292	.6419	.0035
780812SN10002B2..H.G	3.6745	1.2773	1.7493	.5171	
780812SN20002B2..H.G	.8660	1.5179	1.5263	.5178	.0024
Platform average	1.7638	1.0087	1.1508	.6800	.0029
780813SN01002B2..H.G	3.1679	.9311	.8003	.5595	
780813SN05002B2..H.G	2.4151	1.4843	2.3838	.5803	.0080
780813SN05002B20.H.G	1.2430	.7436	1.4000	.8826	.0062
780813SN10002B2..H.G	1.1287	.4696	.5422	.9290	
780813SN20002B2..H.G	.8259	.4737	1.1189	.8793	.0049
Platform average	1.7561	.8204	1.2490	.7661	.0063
780814SN01002B2..H.G	.7163	.6067	1.9286	.4529	
780814SN05002B2..H.G	4.3482	.8370	1.1544	.9688	.0059
780814SN10002B2..H.G	3.2916	1.1551	1.2857	.9444	
780814SN20002B2..H.G	2.6595	1.1250	1.0000	.9524	.0012
Platform average	2.2539	.6809	1.3421	.8286	.0035
780815SN01002B2..H.G	2.7886	.6821	1.2165	.7478	
780815SN05002B2..H.G	2.7523	.8934	1.0414	.8347	.0033
780815SN10002B2..H.G	3.2252	.3966	.6961	.8945	
780815SN20002B2..H.G	1.0521	.5769	.7500	.5275	.0034
Platform average	2.4538	.6372	.9260	.6575	.0033
780816SN01002B2..H.G	.1280	1.4980	.9002	.5776	
780816SN05002B2..H.G	.2061	1.0313	1.1250	1.0667	.0108
780816SN10002B2..H.G	1.1586	1.0069	1.1154	.6575	
780816SN20002B2..H.G	3.0750	1.1245	1.2900	.6355	.0065
Platform average	1.1419	1.1651	1.1076	.7343	.0086
780817SN01002B2..H.G	.2001	.6786	1.2881	.7467	
780817SN05002B2..H.G	1.6403	.4471	2.1136	.5431	.0101
780817SN05002B20.H.G	3.1283	1.4580	3.6977	.7986	.0070
780817SN10002B2..H.G	.8746	.3158	1.0769	.9925	
780817SN20002B2..H.G	2.4558	.4235	1.7059	.6250	.0019
Platform average	1.6590	.6638	2.1764	.7411	.0063
780818SN01002B2..H.G	2.1171	1.0318	2.5313	.3729	
780818SN05002B2..H.G	4.1861	1.3679	1.7739	.5821	.0106
780818SN10002B2..H.G	.4349	.4977	1.1218	.8988	
780818SN20002B2..H.G	1.7056	1.1795	1.1948	1.0000	.0047
Platform average	2.1109	1.0192	1.4054	.7134	.0077
780819SN05002B2..H.G	1.4484	1.1858	.4669	.3883	.0022
780819SN10002B2..H.G	1.4416	.6966	.5000	.4358	
780819SN20002B2..H.G	.8355	.9706	.1760	.1650	.0078
Platform average	1.2418	.9510	.3809	.3297	.0050
780820SN01002B2..H.G	4.3413	1.2140	.4357	.4182	
780820SN05002B2..H.G	2.6153	1.0714	1.0976	.9767	.0016
780820SN10002B2..H.G	3.2769	2.2479	1.0462	.5137	
780820SN20002B2..H.G	.7893	1.4900	1.1288	.6135	.0009
Platform average	2.7557	1.5058	.9270	.6302	.0012

780821C	2B2..H.G	.9044	1.5234	1.1404	.6667	.0081
	Platform average	.9044	1.5234	1.1404	.6667	.0081
780822C	2B2..H.G	1.2563	.9138	1.1042	.6105	.0036
	Platform average	1.2563	.9138	1.1042	.6105	.0036
780823C	2B2..H.G	254.7873	.7647	1.0833	.7522	.0018
	Platform average	254.7873	.7647	1.0833	.7522	.0018
780824C	2B2..H.G	2.4955	1.8692	1.1236	.6859	.0046
	Platform average	2.4955	1.8692	1.1236	.6859	.0046
Cruise average		12.7548	1.1855	1.1013	.6837	.0049

\* R1 = Total Saturates/Total Unsaturates  
 R2 = Pristane/Phytane  
 R3 = Pristane/C17  
 R4 = Phytane/C18  
 T3/TOC = Total HC/Total Organic Carbon

SURFICIAL SEDIMENT HYDROCARBON - RATIOS SUMMARY for BLM2B2C3

Label	R1	R2	R3	R4	T3/TOC
790101PE05002B2..H.G	4.3734	.6759	1.1633	.9883	.0041
790101PE20002B2..H.G	7.1399	.7191	.6482	.4852	.0096
790101PN05002B2..H.G	1.0240	.5300	2.4833	.8067	.0173
790101PS05002B2..H.G	14.1175	.2955	1.1578	.7767	.0279
790101PS20002B2..H.G	1.2146	1.3151	.5928	1.4955	.0059
790101PW05002B2..H.G	.0959	.3810	.9600	.8936	.0020
790101PW20002B2..H.G	1.3544	.7486	1.0000	.8709	.0062
Platform average	3.7526	.6523	1.1297	.8598	.0100
790102PE05002B2..H.G	3.1339	.8153	.9486	.5123	.0058
790102PE20002B2..H.G	2.2131	1.2654	.6077	.5048	.0040
790102PN05002B2..H.G	3.7025	1.3019	.7619	.4732	.0008
790102PS05002B2..H.G	3.1928	1.1503	.9212	.5317	.0071
790102PS20002B2..H.G	2.4879	1.7600	1.5000	.7231	.0056
790102PW05002B2..H.G	2.9454	1.4478	1.1513	.7016	.0081
790102PW20002B2..H.G	1.7532	.8008	.7366	.5864	.0033
Platform average	2.1726	.7712	.1900	.1339	.0028
790103PE05002B2..H.G	2.1151	2.8322	.4982	.1490	.0026
790103PE20002B2..H.G	1.4584	.8824	.2339	.1903	.0015
790103PN05002B2..H.G	2.0908	.2714	.9333	.5385	.0046
790103PS05002B2..H.G	1.4409	.5203	.4434	.6006	.0027
790103PS20002B2..H.G	5.0472	.3956	.5013	.3788	.0103
790103PW05002B2..H.G	1.3655	.2418	.2571	.7494	.0022
790103PW20002B2..H.G	5.0128	.4966	.2544	.5331	.0026
Platform average	3.2083	.7937	.4878	.5362	.0029
790104PE05002B2..H.G	6.2175	1.0119	.5580	.4398	.0036
790104PE20002B2..H.G	1.9737	1.5581	.7347	.5880	.0037
790104PN05002B2..H.G	3.4691	1.0092	1.0378	.9436	.0060
790104PS05002B2..H.G	3.7293	1.1525	.7811	.7307	.0030
790104PS20002B2..H.G	3.0634	1.0139	.6801	.5281	.0030
790104PW05002B2..H.G	1.4286	.8966	.8125	.4899	.0043
790104PW20002B2..H.G	1.0438	1.7111	.9625	.7258	.0008
Platform average	2.3504	2.5806	.4211	.4276	.0042
790121C 2B2..H.G	4.6042	1.2521	.8879	.5120	.0074
Platform average	4.6042	1.2521	.8879	.5120	.0074
790122C 2B2..H.G	2.1286	1.1569	1.1007	.6489	.0043
Platform average	2.1286	1.1569	1.1007	.6489	.0043
790123C 2B2..H.G	10.5388	1.3060	.7556	.3906	.0039
Platform average	10.5388	1.3060	.7556	.3906	.0039
790124C 2B2..H.G	.7343	.8304	1.1863	.6021	.0061
Platform average	.7343	.8304	1.1863	.6021	.0061
Cruise average	3.6248	1.0401	.8881	.5737	.0055

\* R1 = Total Saturates/Total Unsaturation  
 R2 = Pristone/Phytane  
 R3 = Pristone/C17  
 R4 = Phytane/C18  
 T3/TOC = Total HC/Total Organic Carbon



SURFICIAL SEDIMENT HYDROCARBON - INDICES SUMMARY for 8LM282C1

Label	QEP	CPIA	CPIB	CPIC
780501PE0100282	1.7928	1.9948	1.9131	1.9124
780501PE0100282	1.17699	1.9218	1.8113	1.9190
780501PE0500282	1.4583	1.5019	1.2111	1.5726
780501PE1000282	1.4966	1.7495	1.8337	1.5351
780501PE2000282	1.5550	1.6165	1.9058	1.5015
780501PN0100282	1.3944	1.3803	1.5474	1.4218
780501PN0500282	1.4099	1.9206	1.6011	1.0103
780501PN1000282	1.7229	1.9116	1.7007	1.7093
780501PN2000282	1.4230	1.9111	1.9794	1.9228
780501PS0100282	1.5000	1.4869	1.2759	1.1361
780501PS0500282	1.4109	1.6574	1.6210	1.4867
780501PS1000282	1.6501	1.5297	1.5242	1.6542
780501PS2000282	1.4124	1.5110	1.4580	1.7704
780501PW0500282	1.4034	1.1044	1.7011	1.9835
780501PW1000282	1.4289	1.8895	1.8469	1.7714
780501PW2000282	1.2598	1.3709	1.2078	1.4747
Platform average	1.2950	1.8362	1.7778	1.6969
780502PE0100282	1.7289	1.9136	1.9986	2.1388
780502PE0100282	1.6563	1.9000	1.9719	1.9306
780502PE0500282	1.6415	1.3111	1.6319	1.9707
780502PE1000282	1.6834	1.0022	1.5080	1.8703
780502PE2000282	1.9309	1.4797	1.8768	1.4962
780502PN0100282	1.9077	1.9842	1.9549	1.9321
780502PN0500282	1.5741	1.6349	1.4915	1.6596
780502PN1000282	1.5717	1.6351	1.7451	1.2057
780502PN2000282	1.2305	1.5820	1.1295	1.7182
780502PS0100282	1.4570	1.0958	1.4266	1.9480
780502PS0500282	1.9527	1.6998	1.4579	1.2119
780502PS1000282	1.4818	1.7174	1.4648	1.8456
780502PS2000282	1.1455	1.5780	1.2969	1.8747
780502PW0500282	1.7661	1.5915	1.7595	1.1444
780502PW1000282	1.0762	1.4994	1.6283	1.8734
780502PW2000282	1.2754	1.6643	1.5700	1.9672
Platform average	1.1581	1.1442	1.6745	1.0849
780503PE0100282	1.2009	1.4049	1.6487	1.0047
780503PE0100282	1.3717	1.2200	1.4313	1.0776
780503PE0500282	1.4088	1.8466	1.7202	1.9307
780503PE1000282	1.4007	1.8266	1.6496	1.0396
780503PE2000282	1.6671	1.4930	1.1896	1.9276
780503PN0100282	1.1873	1.4360	1.3760	1.8761
780503PN0500282	1.4491	1.4573	1.3099	1.1608
780503PN1000282	1.2656	1.3104	1.0474	1.7697
780503PN2000282	1.1450	1.4338	1.5748	1.0785
780503PS0100282	1.3013	1.4268	1.1158	1.3808
780503PS0500282	1.5013	1.0614	1.7141	1.3401
780503PS1000282	1.5571	1.6399	1.0743	1.1783
780503PS2000282	1.6476	1.6529	1.6616	1.6949
780503PW0100282	1.3475	1.0230	1.2399	1.8786
780503PW0500282	1.0598	1.2309	1.2599	1.8787
780503PW1000282	1.9910	1.3060	1.2549	1.7081
780503PW2000282	1.7549	1.4089	1.8651	1.6548
Platform average	1.2753	1.3342	1.6130	1.0013
780504PE0100282	1.0697	1.5616	1.8435	1.2228
780504PE0100282	1.1544	1.0483	1.4821	1.3468
780504PE0500282	1.9117	1.2418	1.5725	1.9722
780504PE1000282	1.9012	1.2394	1.9149	1.5788
780504PE2000282	1.6983	1.6144	1.6682	1.4031
780504PN0100282	1.0923	1.0553	1.2280	1.2483
780504PN0500282	1.6894	1.8124	1.2080	1.4833
780504PN1000282	1.9836	1.6868	1.8453	1.9421
780504PN2000282	1.4167	1.8975	1.9089	1.8183
780504PS0100282	1.1160	1.7778	1.9158	1.0726
780504PS0500282	1.4396	1.9731	1.8750	1.9714

780504PS10002B2..H.G		4.1120	3.0111	5.2287	.8633
780504PS20002B2..H.G		3.0500	5.9974	6.8171	.4149
780504PW05002B2..H.G		3.5587	2.7983	3.7707	.9700
780504PW10002B2..H.G		3.1016	3.6884	1.4953	2.7861
780504PW20002B2..H.G		2.6242	3.0711	5.5485	.6416
Platform average		2.8560	3.0841	6.6389	1.2912
780521C	2B2..H.G	3.6446	3.0286	6.9536	.5288
780521C	2B2U.H.G	4.0976	3.6060	7.0516	.9440
Platform average		3.8711	3.3173	7.0026	.7364
780522C	2B2..H.G	2.9527	2.4773	5.6241	1.1733
Platform average		2.9527	2.4773	5.6241	1.1733
780523C	2B2..H.G	3.5121	2.1548	4.3670	1.0077
780523C	2B2U.H.G	2.3074	2.6313	4.5319	1.2368
Platform average		2.9097	2.3930	4.4494	1.1222
780524C	2B2..H.G	2.6869	2.9406	5.2870	1.2706
Platform average		2.6869	2.9406	5.2870	1.2706
Cruise average		3.0604	3.3158	6.7834	1.1721

\* DEP = Odd-to-Even Preference Index (C14 to C31)  
 CPIA = Carbon Preference Index A (C20 to C28)  
 CPIb = Carbon Preference Index B (C24 to C32)  
 CPIc = Carbon Preference Index C (C14 to C20)

## SURFICIAL SEDIMENT HYDROCARBON - INDICES SUMMARY for BLM2B2C2

Label	DEP	CPIA	CPIB	CPIC
780801PE05002B2..H.G	4.6921	4.5533	4.0299	3.6633
780801PE20002B2..H.G	3.1064	2.8428	9.3689	.9251
780801PN05002B2..H.G	3.3449	3.5370	4.8022	.5558
780801PN20002B2..H.G	1.5303	1.7622	4.9829	1.4693
780801PS05002B2..H.G	1.7481	1.9431	6.3821	1.3845
780801PS20002B2..H.G	4.4205	5.7349	5.8429	.9119
780801PW05002B2..H.G	1.1645	1.0871	14.7659	1.5047
780801PW20002B2..H.G	1.7143	1.5064	8.6887	1.6751
Platform average	2.9651	3.8708	7.3551	1.3862
780802PE05002B2..H.G	3.9237	2.7762	7.8664	.9585
780802PE20002B2..H.G	2.2987	1.7963	3.4020	1.0391
780802PN05002B2..H.G	3.5942	2.8953	3.9850	1.0133
780802PN20002B2..H.G	3.2846	2.9748	4.7516	.8981
780802PS05002B2..H.G	3.5316	2.7153	5.7319	1.3948
780802PS20002B2..H.G	2.2743	4.8541	6.9238	1.6967
780802PW05002B2..H.G	3.1215	3.2676	7.6290	1.0614
780802PW20002B2..H.G	3.1569	3.0399	5.7571	1.0088
Platform average	3.1569	3.0399	5.7571	1.0088
780803PE05002B2..H.G	5.0885	5.4585	11.7406	.8709
780803PE20002B2..H.G	1.4620	1.3849	2.7148	1.1364
780803PE20002B2..H.G	2.8943	2.9434	4.1301	1.7788
780803PN05002B2..H.G	2.0017	1.7171	3.0493	1.0825
780803PN20002B2..H.G	1.0417	1.2401	72.9772	1.2659
780803PS05002B2..H.G	3.2691	1.9255	4.4653	.8201
780803PS20002B2..H.G	3.2883	1.7068	5.3097	.9786
780803PW05002B2..H.G	1.7877	1.5894	4.2231	1.8629
780803PW20002B2..H.G	1.7038	1.6216	3.2150	1.1162
780803PW20002B2..H.G	6.1229	6.9732	6.1398	1.1832
780803PW20002B2..H.G	3.7278	3.0813	6.1704	1.8058
Platform average	3.8737	3.6847	11.0487	.9530
780804PE05002B2..H.G	2.5651	2.7587	4.7375	.7563
780804PE20002B2..H.G	2.1327	2.6079	7.4499	2.1450
780804PN05002B2..H.G	1.8868	1.9855	6.0258	1.6087
780804PN20002B2..H.G	1.1660	0.8175	8.1721	1.2643
780804PS05002B2..H.G	0.0599	2.2706	10.2909	1.7773
780804PS20002B2..H.G	2.250	2.4528	6.7194	1.3083
780804PW05002B2..H.G	3.9184	3.0119	6.1274	1.3283
780804PW20002B2..H.G	3.6534	3.7007	9.3604	1.2693
Platform average	3.6534	3.7007	9.3604	1.2693
780805SN01002B2..H.G	2.8320	2.7869	4.0072	1.4298
780805SN05002B2..H.G	4.5245	6.7698	6.4015	1.7111
780805SN10002B2..H.G	1.7939	7.0406	7.3852	1.8071
780805SN20002B2..H.G	3.6099	2.8447	4.8537	1.5420
Platform average	3.1900	3.8605	5.6619	1.3725
780806SN01002B2..H.G	5.1897	6.9472	7.9585	1.3652
780806SN01002B2..H.G	3.8611	3.3690	4.2295	.8636
780806SN05002B2..H.G	4.2159	1.5600	4.2393	.9684
780806SN05002B2..H.G	4.9831	1.8999	7.1818	.8101
780806SN10002B2..H.G	1.9750	1.7603	3.3467	1.3119
780806SN20002B2..H.G	3.9808	1.6696	5.5644	1.8587
Platform average	3.5342	3.2010	5.5500	1.1782
780807SN01002B2..H.G	4.8070	1.3783	8.2018	1.6400
780807SN05002B2..H.G	4.4661	3.9675	7.2136	1.1123
780807SN10002B2..H.G	4.2335	2.5970	6.7790	1.1327
780807SN20002B2..H.G	4.4263	2.7187	7.7407	1.2528
Platform average	4.4263	2.7187	7.7407	1.2528
780808SN01002B2..H.G	2.2442	2.3016	4.6825	.7862
780808SN05002B2..H.G	4.2067	2.3893	4.6280	.9110
780808SN10002B2..H.G	3.6603	2.8373	7.5287	1.0718
780808SN20002B2..H.G	3.0214	2.1537	6.8402	.2495
Platform average	3.2631	2.9204	6.9198	.7546

780809SN01002B2..H.G	2.2049	1.8210	3.8746	1.3007
780809SN05002B2..H.G	3.4992	3.9313	4.5538	.8526
780809SN10002B2..H.G	4.0368	3.7324	5.8711	.9421
780809SN20002B2..H.G	2.7208	1.9724	3.6788	1.1191
Platform average	3.1154	2.8643	4.4945	1.0536
780810SN01002B2..H.G	4.6445	4.5406	7.2670	1.4787
780810SN05002B2..H.G	1.8947	1.7420	1.8262	.8807
780810SN10002B2..H.G	2.0709	1.9885	2.8120	.5304
780810SN20002B2..H.G	3.4279	1.5383	5.1875	1.2261
Platform average	2.8595	2.3023	4.2731	1.0289
780811SN01002B2..H.G	.8284	7.0476	2.6522	.1443
780811SN05002B2..H.G	1.6975	2.1312	7.2814	1.0905
780811SN10002B2..H.G	1.7449	2.0665	3.8607	1.2105
780811SN20002B2..H.G	1.1577	1.4777	3.5545	1.7452
Platform average	1.3571	3.1797	4.2122	1.0601
780812SN01002B2..H.G	3.7831	2.7960	6.2537	.9985
780812SN05002B2..H.G	4.6667	3.5030	8.7773	1.5207
780812SN10002B2..H.G	1.3489	2.6136	5.0383	1.6161
780812SN20002B2..H.G	4.4184	3.4289	6.2068	1.0997
Platform average	3.5582	3.0853	6.5690	1.3087
780813SN01002B2..H.G	1.2434	1.9516	5.5388	.6971
780813SN05002B2..H.G	4.2628	6.6566	10.6908	.8878
780813SN10002B2..H.G	4.0950	3.6669	10.7191	1.4872
780813SN20002B2..H.G	4.6780	3.5862	10.7517	1.5418
Platform average	3.2136	3.4275	6.6271	1.0030
Platform average	3.6981	3.3577	8.2453	1.1447
780814SN01002B2..H.G	.6165	4.5780	7.7206	.2616
780814SN05002B2..H.G	3.9505	4.0153	7.0577	1.2589
780814SN10002B2..H.G	1.8016	1.8423	3.9190	1.0692
780814SN20002B2..H.G	3.8238	4.4338	7.7361	.3147
Platform average	2.5485	2.7178	4.8583	.7261
780815SN01002B2..H.G	1.6878	1.7340	2.9199	.8362
780815SN05002B2..H.G	1.6411	1.4868	2.7416	1.0781
780815SN10002B2..H.G	2.3463	1.7335	6.1153	.8756
780815SN20002B2..H.G	5.4911	4.0986	8.9620	.7460
Platform average	2.7915	2.2382	5.1847	.8839
780816SN01002B2..H.G	2.0397	1.7960	2.9569	1.1642
780816SN05002B2..H.G	1.6092	2.2312	3.4578	1.0429
780816SN10002B2..H.G	3.4881	3.8687	3.7740	1.3068
780816SN20002B2..H.G	3.1285	2.3367	7.0730	.7696
Platform average	2.5653	2.6081	4.4154	1.0708
780817SN01002B2..H.G	1.9899	2.2943	4.9066	.9761
780817SN05002B2..H.G	3.1428	4.3297	14.4811	.3408
780817SN10002B2..H.G	2.2293	2.1603	5.0070	.7520
780817SN20002B2..H.G	3.2698	2.7507	6.2137	.4572
Platform average	3.7261	3.5394	7.7262	.7618
Platform average	2.8715	3.0148	7.6669	.6575
780818SN01002B2..H.G	3.1368	2.8603	6.9250	1.0920
780818SN05002B2..H.G	1.1278	3.1275	4.2478	1.6547
780818SN10002B2..H.G	2.8015	2.6610	5.8135	1.1358
780818SN20002B2..H.G	2.0786	3.5747	4.5252	.9636
Platform average	2.2861	3.0308	5.2828	1.2115
780819SN05002B2..H.G	1.2182	1.4519	2.4730	1.4247
780819SN10002B2..H.G	1.8510	2.9375	3.6679	1.3464
780819SN20002B2..H.G	1.4473	1.6489	5.5579	1.1089
Platform average	1.1721	2.0127	2.8996	1.2933
780820SN01002B2..H.G	4.2501	2.9369	7.3248	1.6478
780820SN05002B2..H.G	4.9779	2.0838	8.5201	1.2568
780820SN10002B2..H.G	2.2530	2.4043	2.9843	1.1055
780820SN20002B2..H.G	4.7178	4.4728	7.7705	1.2273
Platform average	4.0497	2.9744	6.6499	1.3093

780821C	282..H.G	2.9414	2.4367	9.4654	1.0892
	Platform average	2.9414	2.4367	9.4654	1.0892
780822C	282..H.G	3.3849	2.5089	5.5931	1.2962
	Platform average	3.3849	2.5089	5.5931	1.2962
780823C	282..H.G	2.8578	2.4400	4.0147	.9390
	Platform average	2.8578	2.4400	4.0147	.9390
780824C	282..H.G	4.2256	3.9591	6.3264	.9323
	Platform average	4.2256	3.9591	6.3264	.9323
Cruise average		3.0983	2.9969	6.1477	1.0908

\* OEP = Odd-to-Even Preference Index (C14 to C31)  
 CPIA = Carbon Preference Index A (C20 to C28)  
 CPIB = Carbon Preference Index B (C24 to C32)  
 CPIC = Carbon Preference Index C (C14 to C20)

SURFICIAL SEDIMENT HYDROCARBON - INDICES SUMMARY for BLM2H2C3

Label	UEP	CPIA	CPIB	CPIC
790101PE05002B2..H.G	8.8783	2.7136	15.9260	2.1483
790101PE20002B2..H.G	2.3514	2.0230	5.4892	.9400
790101PN05002B2..H.G	3.3593	4.7096	6.6298	.7922
790101PN20002B2..H.G	3.4954	6.5258	21.0652	.9006
790101PS05002B2..H.G	2.2796	1.6866	4.0050	1.0523
790101PS20002B2..H.G	3.0449	2.8652	4.1050	1.6886
790101PW05002B2..H.G	1.1498	1.4268	3.4251	1.581
790101PW20002B2..H.G	4.2582	2.9245	8.1107	1.5672
Platform average	4.2582	2.9245	8.1107	1.3031
790102PE05002B2..H.G	2.5852	1.8776	5.4010	1.0368
790102PE20002B2..H.G	2.5248	2.4214	5.7385	1.7773
790102PN05002B2..H.G	2.1267	1.8429	3.9683	.5076
790102PN20002B2..H.G	4.0000	3.2434	7.8791	1.1521
790102PS05002B2..H.G	2.7358	2.8117	5.7237	1.5586
790102PS20002B2..H.G	2.2281	4.2640	7.0369	2.0433
790102PW05002B2..H.G	1.5526	2.9259	7.1934	1.1555
790102PW20002B2..H.G	4.8993	2.6045	6.0310	1.2515
Platform average	4.8993	2.6045	6.0310	1.2515
790103PE05002B2..H.G	2.0185	1.8946	3.4097	1.8231
790103PE20002B2..H.G	2.0839	1.8486	4.4486	.9859
790103PN05002B2..H.G	2.9076	2.2505	6.0141	.8484
790103PN20002B2..H.G	3.0246	1.8708	4.3614	2.2365
790103PS05002B2..H.G	1.9199	1.5664	4.3784	1.0525
790103PS20002B2..H.G	2.7348	1.6413	6.0100	.7249
790103PW05002B2..H.G	2.7897	4.7801	7.8079	1.7671
790103PW20002B2..H.G	2.3519	1.9088	5.2581	1.8483
Platform average	2.3519	1.9088	5.2581	1.8483
790104PE05002B2..H.G	4.8612	1.9811	15.2420	1.0476
790104PE20002B2..H.G	2.4102	2.1057	5.5842	1.2417
790104PN05002B2..H.G	6.3676	3.6148	8.8685	3.8819
790104PN20002B2..H.G	1.7718	2.8544	4.8848	.7409
790104PS05002B2..H.G	1.0391	2.2336	4.5431	1.6411
790104PS20002B2..H.G	2.6508	3.1261	6.4049	1.8237
790104PW05002B2..H.G	1.3395	1.8684	3.2616	1.8237
790104PW20002B2..H.G	3.9952	4.9065	6.5961	1.8139
Platform average	3.9952	2.7663	6.9106	1.5493
790121C 2B2..H.G	2.0613	5.0905	10.0764	.6467
Platform average	2.0613	5.0905	10.0764	.6467
790122C 2B2..H.G	1.2281	2.8930	4.1138	.9818
Platform average	1.2281	2.8930	4.1138	.9818
790123C 2B2..H.G	1.6441	4.2523	6.8051	.7712
Platform average	1.6441	4.2523	6.8051	.7712
790124C 2B2..H.G	2.6322	3.8328	5.5177	.5684
Platform average	2.6322	3.8328	5.5177	.5684
Cruise average	2.5077	3.2865	6.6029	1.1150

\* UEP = Odd-to-Even Preference Index (C14 to C31)  
 CPIA = Carbon Preference Index A (C20 to C29)  
 CPIB = Carbon Preference Index B (C24 to C29)  
 CPIC = Carbon Preference Index C (C14 to C26)

**HYDROCARBON IN DOWNCORE SEDIMENTS**

Downcore

SEDIMENT HYDROCARBON - TOTALS SUMMARY for BLM2B4C1

Label	T1	T2	T3	T4	T5
780501PN05002B41.H.G	3.3765	.3890	3.7655	.6845	.0890
780501PN05002B42.H.G	1.1932	6.3046	7.4978	.4332	3.0346
780501PN05002B43.H.G	6.3031	21.1086	27.4217	1.2031	3.9186
Platform average	3.6242	9.2707	12.8950	.7742	2.0180
780502PN05002B41.H.G	5.1357	8.8593	13.9950	.6657	.9993
780502PN05002B42.H.G	5.1330	9.4307	14.5637	.3130	1.3707
780502PN05002B43.H.G	10.0293	35.7226	45.7519	1.2693	6.0526
Platform average	6.7660	18.0042	24.7702	.7493	2.8075
780503PN05002B41.H.G	13.7861	.1945	13.9806	.7061	.1945
780503PN05002B42.H.G	11.0975	4.2302	15.3277	1.6875	1.1002
780503PN05002B43.H.G	15.1045	3.9091	19.0176	2.0365	.3791
780503PN05002B44.H.G	21.3486	4.8407	26.1893	4.0786	.9407
Platform average	15.3351	3.2936	18.6288	2.1276	.6536
780504PN05002B41.H.G	6.2323	2.0958	8.3281	1.2023	.0558
780504PN05002B42.H.G	7.6752	1.6897	9.3649	.6852	.1197
780504PN05002B43.H.G	7.8859	7.1496	15.0355	.9559	.0596
Platform average	7.2644	3.6450	10.9095	.9478	.0783
780521C 2B41.H.G	7.3062	2.8791	10.1853	.8662	.0991
780521C 2B42.H.G	2.9770	10.9314	13.9084	.8270	3.0414
780521C 2B43.H.G	15.1193	5.4731	14.5924	1.7793	.1731
Platform average	7.4675	5.4278	12.8953	1.1575	1.1045
780522C 2B41.H.G	4.4018	3.5867	8.3885	.6618	.1067
780522C 2B42.H.G	7.6302	2.9570	10.5872	1.6202	.1470
780522C 2B43.H.G	23.5770	2.7966	26.3736	2.0170	.6866
Platform average	12.0030	3.1134	15.1164	1.4330	.3134
780523C 2B41.H.G	9.3767	2.9437	12.3204	.6167	.0837
780523C 2B42.H.G	10.3126	2.8257	13.1383	1.4326	.0957
780523C 2B43.H.G	11.7074	2.3969	14.1043	.8874	.2669
780523C 2B44.H.G	3.1422	11.2166	14.3588	.6522	4.0766
Platform average	8.6847	4.8457	13.5304	.8972	1.1307
780524C 2B41.H.G	.0998	.0711	.1709	.0998	.0711
780524C 2B42.H.G	.7037	.0843	.7880	.7037	.0843
780524C 2B43.H.G	9.5042	1.2701	10.7743	1.5792	.0201
780524C 2B44.H.G	23.7062	.0453	23.7515	2.1562	.0453
780524C 2B45.H.G	.0015	.0039	.0054	.0015	.0039
Platform average	6.8040	.2949	7.0990	.9080	.0449
Cruise average	8.4936	5.9869	14.4805	1.1243	1.0183

\* T1 = Total Saturated Hydrocarbons  
 T2 = Total Unsaturated Hydrocarbons  
 T3 = Total Hydrocarbons  
 T4 = Total Resolved Saturated Hydrocarbons  
 T5 = Total Resolved Unsaturated Hydrocarbons



Downcore

SEDIMENT HYDROCARBON - RATIO SUMMARY for BLM2B4C1

Label	R1	R2	R3	R4	T3/TOC
780501PN05002B41.H.G	8.6799	.5023	.9098	.7222	.0007
780501PN05002B42.H.G	.1893	3.9412	.8701	.4474	.0014
780501PN05002B43.H.G	.2985	.8935	.6311	.5891	.0052
Platform average	3.0559	1.7790	.8036	.5862	.0024
780502PN05002B41.H.G	.5797	.6058	.9071	.6402	.0021
780502PN05002B42.H.G	.5443	.5313	.6447	.6438	.0022
780502PN05002B43.H.G	.2808	1.0242	.8460	.7388	.0071
Platform average	.6682	1.0172	.8126	.6742	.0038
780503PN05002B41.H.G	70.8797	.3670	.5633	.5033	.0042
780503PN05002B42.H.G	2.6234	.6395	.6983	.5819	.0046
780503PN05002B43.H.G	3.8650	.7346	.5746	.5313	.0057
780503PN05002B44.H.G	4.4102	.4668	.4392	.6049	.0079
Platform average	20.4445	.5519	.5688	.5553	.0056
780504PN05002B41.H.G	2.9737	.6152	.7873	.6571	.0011
780504PN05002B42.H.G	4.5423	.7280	.6475	.5635	.0012
780504PN05002B43.H.G	1.1030	.5896	.6086	.5620	.0020
Platform average	2.8730	.6442	.6811	.5942	.0014
780521C 2B41.H.G	2.5377	.6429	.8690	.6031	.0018
780521C 2B42.H.G	.2723	.5049	.7923	.6538	.0025
780521C 2B43.H.G	4.9004	.6614	.6785	.5444	.0027
Platform average	2.5701	.6030	.7799	.6004	.0023
780522C 2B41.H.G	1.3388	.5000	.5607	.6218	.0014
780522C 2B42.H.G	2.5804	.7285	.7509	.5220	.0018
780522C 2B43.H.G	8.4306	.5379	.6359	.5736	.0047
Platform average	4.1166	.5921	.6498	.6058	.0026
780523C 2B41.H.G	3.1853	.2844	.6200	.6412	.0017
780523C 2B42.H.G	3.7204	.8279	.7594	.5894	.0019
780523C 2B43.H.G	4.8844	.7722	.6146	.5016	.0020
780523C 2B44.H.G	.2801	.5696	.8232	.7337	.0020
Platform average	3.0175	.6135	.7043	.6164	.0019
780524C 2B41.H.G	1.4037	.0000	.0000	.0000	.0000
780524C 2B42.H.G	8.3476	.2805	.7397	.6385	.0000
780524C 2B43.H.G	7.4870	.8688	.5882	.7529	.0011
780524C 2B44.H.G	523.3157	.8052	.5703	.5901	.0026
780524C 2B45.H.G	.3846	.0000	.0000	.0000	.0000
Platform average	108.1877	.3109	.3796	.3963	.0007
Cruise average	18.0916	.7639	.6724	.5786	.0025

\* R1 = Total Saturates/Total Unsaturation  
 R2 = Pristane/Phytane  
 R3 = Pristane/C17  
 R4 = Phytane/C18  
 T3/TOC = Total HC/Total Organic Carbon

Downcore

SEDIMENT HYDROCARBON - INDICES SUMMARY for BLM2B4C1

Label	DEP	CPIA	CPIB	CPTC
780501PN05002841.H.G	2.1923	1.6090	2.8544	.6179
780501PN05002842.H.G	4.0990	4.9521	12.7460	.8425
780501PN05002843.H.G	2.2361	2.1126	4.6130	.8524
Platform average	2.8424	2.8912	6.7378	.7709
780502PN05002841.H.G	1.5238	1.3751	2.5448	.7088
780502PN05002842.H.G	2.7172	1.8110	5.4095	.9287
780502PN05002843.H.G	2.1629	1.9726	2.9876	1.3504
Platform average	2.1346	1.7195	3.6473	.9959
780503PN05002841.H.G	1.5769	1.0859	2.8098	1.4497
780503PN05002842.H.G	1.5995	2.4093	4.0908	.6938
780503PN05002843.H.G	1.7451	1.9045	4.1619	.7983
780503PN05002844.H.G	2.0880	1.5714	2.6238	1.0971
Platform average	1.7523	1.7427	3.4215	1.0097
780504PN05002841.H.G	2.8665	2.7296	5.9238	.9249
780504PN05002842.H.G	1.0916	1.4947	3.5518	1.1588
780504PN05002843.H.G	1.1854	1.5245	3.6832	.8761
Platform average	1.7145	1.9162	4.3862	.9866
780521C 2841.H.G	1.3412	2.5967	4.3164	.8048
780521C 2842.H.G	2.8461	2.5915	4.9824	.8193
780521C 2843.H.G	1.0375	1.9590	4.8878	1.7899
Platform average	2.4082	2.3824	4.7288	1.1380
780522C 2841.H.G	1.4200	2.5525	5.6907	.8050
780522C 2842.H.G	3.7498	2.8349	7.3758	1.0919
780522C 2843.H.G	2.1295	1.8495	3.7981	.9771
Platform average	2.0997	2.4123	5.6215	.9580
780523C 2841.H.G	2.9133	2.9210	4.8879	1.1088
780523C 2842.H.G	5.8905	4.8800	5.7864	.7652
780523C 2843.H.G	2.1746	2.0705	4.8185	1.0104
780523C 2844.H.G	2.7399	2.6462	5.2803	.7350
Platform average	2.9295	3.1294	5.1932	.9048
780524C 2841.H.G	1.6402	1.0000	7.0000	.0000
780524C 2842.H.G	3.0229	2.7137	7.6677	.7195
780524C 2843.H.G	2.0106	2.7687	5.9787	.8472
780524C 2844.H.G	.6047	3.1471	3.7244	.5303
780524C 2845.H.G	.0000	.0000	.0000	.0000
Platform average	1.4556	1.7259	3.8741	.4194
Cruise average	2.1671	2.2399	4.6513	.8979

\* DEP = Odd-to-Even Preference Index (C14 to C31)  
 CPIA = Carbon Preference Index A (C20 to C28)  
 CPIB = Carbon Preference Index B (C24 to C32)  
 CPTC = Carbon Preference Index C (C14 to C20)

**HYDROCARBON IN PELAGIC FISH**

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 01-P O Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	.11	-
C-16	-	-	-	-
C-17	-	-	.13	-
Pristane	-	.17	.13	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.15	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	.07	-
C-27	-	-	.16	-
5 $\alpha$ -Cholestane	-	-	.18	-
C-28	.28	-	.21	-
C-29	-	-	.93	-
C-30	-	-	1.23	-
C-31	-	-	6.50	-
C-32	.08	-	1.44	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	1.00	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	.00	-	2.20	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	3.88	-
Total n-alkanes	.36	-	10.93	-
Total aliphatics	.36	.17	11.24	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.10	-
Nonadecylbenzene	-	-	.49	-
Squalene	-	-	-	-
Total aromatics	-	-	.59	-
Total hydrocarbons	.36	.17	11.83	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 01-P O Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.12	.46	-
C-16	-	-	-	-
C-17	-	.08	.12	-
Pristane	.18	1.02	1.95	-
C-18= 1	-	-	-	-
C-18	-	-	.08	-
Phytane	-	-	.12	-
C-19	-	-	.09	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.16	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.10	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	.24	-
C-29	-	-	-	-
C-30	-	-	.32	-
C-31	-	-	.28	-
C-32	-	-	.55	-
Phytane/C-18	-	-	1.50	-
Pristane/C-17	-	12.75	16.25	-
Pristane/Phytane	-	-	16.25	-
X (C-15 + C-17)	-	100.00	24.17	-
CPI:14-20	-	-	8.38	-
CPI:20-32	-	-	.73	-
Total n-alkanes	-	.20	2.40	-
Total aliphatics	.18	18.99	4.47	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.06	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	17.77	-	-
Total aromatics	.06	-	-	-
Total hydrocarbons	.24	18.99	4.47	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May  
Site 21-C 0 Arius felis

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= I	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= I	-	-	-	-
C-20	19.08	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	1.64	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	.05	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
I (C-15 + C-17)	.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	16.44	-	-	-
Total n-alkenes	20.77	-	-	-
Total aliphatics	20.77	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.96	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.32	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	1.28	-	-	-
Total hydrocarbons	22.05	.00	.00	.00
Sample weight (g)				

1978 May  
 Site 02-P 0 Leiostomus xanthurus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	.13	-	-	-
C-17	-	-	-	-
Pristane	.07	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	.05	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.06	-	-	-
C-28	.07	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	.07	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	.00	-	-	-
CPI:14-20	.00	-	-	-
CPI:20-32	.54	-	-	-
Total n-alkanes	.32	-	-	-
Total aliphatics	2.36	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.91	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	2.36	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 02-P 0 *Cynoscion arenarius*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.16	-	-	-
C-16	.07	-	-	-
C-17	.69	-	-	-
Pristane	.62	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	.04	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.05	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.07	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.19	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	78.70	-	-	-
CPI:14-20	28.61	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	1.08	-	-	-
Total aliphatics	1.90	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.90	.00	.00	.00
Sample weight (g)				



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May  
Site 02-P 0 *Microdecaon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	2.94	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	11.93	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	8.99	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	11.93	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May				
Site 02-P 0 Chaetodipterus faber				
(ug/g)	Flesh	GITs	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	.20	-
C-18± 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5α-Androstane	-	-	-	-
C-20± 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5α-Cholestane	-	-	-	-
C-28	-	-	.19	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	.21	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	-	-	.00	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	1.11	-
Total n-alkanes	-	-	.40	-
Total aliphatics	-	-	.60	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.00	.00	.60	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 02-P 0 Archosergus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	.12	-
C-16	.04	-	-	-
C-17	-	-	.12	-
Pristane	-	.13	.22	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.15	-
C-22	.02	-	-	-
C-23	-	-	.11	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	.15	-
C-28	.04	-	.80	-
C-29	-	-	.56	-
C-30	-	-	.17	-
C-31	-	-	3.76	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	1.83	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	.00	-	4.15	-
CPI:14-20	.00	-	-	-
CPI:20-32	.00	-	4.72	-
Total n-alkanes	.10	-	5.79	-
Total aliphatics	.10	.13	6.16	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,5-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	.16	-
Squalene	-	-	-	-
Total aromatics	-	-	.16	-
Total hydrocarbons	.10	.13	6.32	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 03-P O *Lutjanus campechanus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.36	1.71	11.18	-
C-16	-	.14	.50	-
C-17	.19	3.42	5.01	-
Pristane	.17	1.54	8.49	-
C-18 $\alpha$ 1	-	-	-	-
C-18	-	.12	.25	-
Phytane	-	.03	.37	-
C-19	-	.16	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 $\alpha$ 1	-	-	-	-
C-20	-	.03	.12	-
C-21	-	-	.08	-
C-22	-	-	-	-
C-23	-	.03	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	.38	-
C-27	-	.06	-	-
5 $\alpha$ -Cholestane	-	.07	-	-
C-28	-	.03	1.50	-
C-29	-	-	-	-
C-30	-	-	.38	-
C-31	-	-	-	-
C-32	-	-	.25	-
Phytane/C-18	-	.25	1.48	-
Pristane/C-17	.89	.45	1.69	-
Pristane/Phytane	-	51.33	22.95	-
X (C-15 + C-17)	100.00	90.00	82.39	-
CPI:14-20	-	21.67	23.64	-
CPI:20-32	-	2.25	.03	-
Total n-alkanes	.55	5.70	19.65	-
Total aliphatics	.72	7.34	1241.87	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.27	-
Nonadecylbenzene	-	-	.61	-
Squalene	-	-	1213.36	-
Total aromatics	-	-	.88	-
Total hydrocarbons	.72	7.34	1242.75	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May				
Site 03-P O Chaetodipterus faber				
(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	.07	.08	-
C-16	-	.07	.08	-
C-17	-	.04	.05	-
Pristane	-	.13	.11	-
C-18= 1	-	-	-	-
C-18	-	-	.08	-
Phytane	-	.04	.05	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	.26	-
C-20= 1	-	-	.03	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	.05	-
C-23	-	-	-	-
C-24	20.47	-	-	-
C-25	-	-	-	-
C-26	-	-	.05	-
C-27	-	-	.14	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	.02	-
C-29	-	-	.22	-
C-30	-	-	.10	-
C-31	-	-	-	-
C-32	-	-	.14	-
Phytane/C-18	-	-	.63	-
Pristane/C-17	-	3.25	2.20	-
Pristane/Phytane	-	3.25	2.20	-
X (C-15 + C-17)	.00	61.11	12.87	-
CPI:14-20	-	1.57	.81	-
CPI:20-32	.00	-	1.32	-
Total n-alkanes	20.47	.18	1.01	-
Total aliphatics	20.47	.35	1.46	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	.13	-
Squalene	-	-	-	-
Total aromatics	-	-	.13	-
Total hydrocarbons	20.47	.35	1.59	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May				
Site 04-P 0 Cheetodipterus faber				
(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	.27	.10	-
C-16	-	-	-	-
C-17	-	.16	.10	-
Pristane	-	.25	.17	-
C-18= 1	-	-	.19	-
C-18	-	-	-	-
Phytane	-	-	.07	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.14	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	.08	-
C-29	-	-	-	-
C-30	-	.11	.35	-
C-31	-	-	-	-
C-32	-	-	.74	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	1.56	1.70	-
Pristane/Phytane	-	-	2.43	-
$\bar{x}$ (C-15 + C-17)	-	79.63	13.25	-
CPI:14-20	-	-	-	-
CPI:20-32	-	.00	.22	-
Total n-alkanes	-	.54	1.51	-
Total aliphatics	-	.79	38.34	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	.04	-
Squalene	-	-	36.40	-
Total aromatics	-	-	.04	-
Total hydrocarbons	.00	.79	38.38	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May

Site 04-P 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.15	.09	-
C-16	-	.06	-	-
C-17	-	.10	.07	-
Pristane	-	.24	.16	-
C-18= 1	-	-	.05	-
C-18	-	-	-	-
Phytane	-	-	.06	-
C-19	-	-	-	-
Sa-Androstane	-	-	.20	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.06	-	-
C-22	-	-	-	-
C-23	-	-	.10	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	.16	-
C-28	-	-	.05	-
C-29	-	-	.39	-
C-30	-	-	.29	-
C-31	-	-	-	-
C-32	-	-	.82	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	2.40	2.29	-
Pristane/Phytane	-	-	2.67	-
X (C-15 + C-17)	-	67.57	8.84	-
CPI:14-20	-	4.17	-	-
CPI:20-32	-	-	.93	-
Total n-alkanes	-	.57	1.81	-
Total aliphatics	-	.61	40.24	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.96	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	37.80	-
Total aromatics	-	-	.96	-
Total hydrocarbons	.00	.61	41.20	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May  
Site 04-P 0 *Lutjanus griseus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	1.84	4.01	-
C-16	-	-	.10	-
C-17	-	.43	.72	-
Pristane	.05	1.51	1.18	-
C-18= 1	-	-	-	-
C-18	-	-	.06	-
Phytane	-	-	.09	-
C-19	-	-	.17	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.07	-
C-26	-	-	.06	-
C-27	-	-	.10	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	.07	-
C-29	-	-	.72	-
C-30	-	-	.28	-
C-31	-	-	-	-
C-32	-	-	.12	-
Phytane/C-18	-	-	1.50	-
Pristane/C-17	-	3.51	1.64	-
Pristane/Phytane	-	-	13.11	-
$\Sigma$ (C-15 + C-17)	-	100.00	72.99	-
CPI:14-20	-	-	30.63	-
CPI:20-32	-	-	1.93	-
Total n-alkanes	-	2.27	6.48	-
Total aliphatics	.05	3.78	7.75	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.05	.04	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	.05	.04	-	-
Total hydrocarbons	.10	3.82	7.75	.00
Sample weight (g)				



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May  
 Site 04-P 0 *Lutjanus campechanus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.06	1.08	1.77	-
C-16	.02	.09	.09	-
C-17	.04	.45	-	-
Pristane	.07	.86	-	-
C-18= 1	.02	.01	-	-
C-18	.03	.04	.07	-
Phytane	.01	.02	-	-
C-19	.03	.06	.09	-
5 $\alpha$ -Androstane	-	-	4.89	-
C-20= 1	-	-	-	-
C-20	.05	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.19	-	.07	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.33	.50	.00	-
Pristane/C-17	1.75	1.91	-	-
Pristane/Phytane	7.00	43.00	-	-
$\Sigma$ (C-15 + C-17)	23.81	88.95	84.69	-
CPI:14-20	-	12.23	11.63	-
CPI:20-32	.00	-	.00	-
Total n-alkanes	.42	1.72	2.09	-
Total aliphatics	1.97	9.21	6.98	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	.02	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.01	.01	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.02	.03	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.45	6.60	-	-
Total aromatics	.03	.06	-	-
Total hydrocarbons	2.00	9.27	6.98	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May  
Site 04-P 0 ?

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.	.87	.	.
C-16	.	.07	.	.
C-17	.	.52	.	.
Pristane	.	.	.	.
C-18= 1	.	.	.	.
C-18	.	.	.	.
Phytane	.	.	.	.
C-19	.	.	.	.
5 $\alpha$ -Androstane	.	.	.	.
C-20= 1	.	.	.	.
C-20	.	.	.	.
C-21	.	.	.	.
C-22	.	.	.	.
C-23	.	.	.	.
C-24	.	.	.	.
C-25	.	.	.	.
C-26	.	.	.	.
C-27	.	.	.	.
5 $\alpha$ -Cholestane	.	.	.	.
C-28	.	.	.	.
C-29	.	.	.	.
C-30	.	.	.	.
C-31	.	.	.	.
C-32	.	.	.	.

DATE: 05/11/78  
TIME: 08:00  
BY: J. L. ...

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

Phytane/C-18	-	-	-	-
Pristane/C-17	-	.00	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	-	95.21	-	-
CPI:14-20	-	19.86	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	1.46	-	-
Total aliphatics	-	1.46	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.00	1.46	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 01-P 0 Chaetodipterus feber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.10	.36	-
C-16	-	.02	.04	-
C-17	-	.04	.18	-
Pristane	.23	.55	2.77	-
C-18± 1	-	.03	.02	-
C-18	-	.02	.03	-
Phytane	-	.02	.05	-
C-19	-	.02	.03	-
Sa-Androstane	-	.01	.05	-
C-20± 1	-	.01	-	-
C-20	-	.02	-	-
C-21	-	-	.02	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	1.62	-	-	-
C-26	-	-	-	-
C-27	-	.04	-	-
Sa-Cholestane	.59	-	.09	-
C-28	-	1.66	.02	-
C-29	-	.02	.04	-
C-30	-	.02	.11	-
C-31	-	.14	.59	-
C-32	-	-	-	-
Phytane/C-18	-	1.00	1.67	-
Pristane/C-17	-	13.75	15.39	-
Pristane/Phytane	-	27.50	55.40	-
Σ (C-15 + C-17)	.00	6.67	38.03	-
CPI:14-20	-	6.00	8.14	-
CPI:20-32	-	.12	5.00	-
Total n-alkanes	1.62	2.10	1.42	-
Total aliphatics	2.80	5.50	32.07	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	.07	-	-
Pyrene	-	2.35	.28	-
Nonadecylbenzene	-	-	-	-
Squalene	.36	2.78	27.67	-
Total aromatics	-	2.42	.28	-
Total hydrocarbons	2.80	7.92	32.35	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 01-P 0 Archosargus probatocephalus

(ug/q)	Flesh	Gills	Liver	Gonads
C-15	-	.11	.13	-
C-16	-	.04	-	-
C-17	.05	.09	.16	-
Pristane	-	.42	.97	-
C-18= 1	.04	.04	-	-
C-18	-	.05	-	-
Phytane	-	.05	-	-
C-19	.30	.06	-	-
5a-Androstane	.04	.06	-	-
C-20= 1	.06	-	-	-
C-20	-	-	-	-
C-21	.19	.04	-	-
C-22	-	.08	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.12	-	-
C-27	-	-	-	-
5a-Cholestane	-	.19	-	-
C-28	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	.03	-	-	-
Phytane/C-18	-	1.00	-	-
Pristane/C-17	.00	4.67	6.06	-
Pristane/Phytane	-	8.40	-	-
X (C-15 + C-17)	8.33	33.90	100.00	-
CPI:14-20	-	2.89	-	-
CPI:20-32	4.75	.20	-	-
Total n-alkanes	.60	.59	.29	-
Total aliphatics	1.91	3.85	28.93	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	.03	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.17	2.50	27.67	-
Total aromatics	-	.03	-	-
Total hydrocarbons	1.91	3.88	28.93	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 02-P 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.17	-	-
C-16	-	.03	-	-
C-17	.11	.12	-	-
Pristane	-	1.03	.08	-
C-18= 1	-	.06	-	-
C-18	-	.02	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	.08	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	.04	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.05	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	.03	-	-
C-29	-	-	-	-
C-30	-	-	.48	-
C-31	-	-	-	-
C-32	-	-	1.52	-
Phytane/C-18	-	.00	-	-
Pristane/C-17	.00	8.58	-	-
Pristane/Phytane	-	-	-	-
Σ (C-15 + C-17)	100.00	65.04	.00	-
CPI:14-20	-	5.80	-	-
CPI:20-32	-	.00	.00	-
Total n-alkanes	.11	.46	2.00	-
Total aliphatics	1.59	3.21	10.36	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.28	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	.03	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	.06	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	.12	-
Squalene	1.48	1.58	8.28	-
Total aromatics	.28	-	.21	-
Total hydrocarbons	1.87	3.21	10.57	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 05-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.04	-	-	-
C-16	-	-	-	-
C-17	.02	-	-	-
Pristane	.01	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.50	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	66.67	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	4.75	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biohenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.65	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	4.75	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 05-S 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.61	.27	.16
C-16	-	-	.04	-
C-17	-	.34	.12	.04
Pristane	.02	.25	.11	.05
C-18=1	-	-	-	.04
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	.06	-	-	-
5 $\alpha$ -Androstane	-	-	.09	-
C-20=1	-	-	-	-
C-20	.03	-	-	-
C-21	-	.45	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	9.78	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	3.88	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	.00
Pristane/C-17	-	.74	.92	1.25
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	.00	67.86	2.77	85.33
CPI:14-20	-	-	9.75	5.00
CPI:20-32	-	-	.40	-
Total n-alkanes	.09	1.40	14.09	.24
Total aliphatics	.65	10.03	38.60	2.43
Naphthalene	-	.03	-	-
1-Methylnaphthalene	-	.06	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.03	.72	.11	-
Nonadecylbenzene	-	-	.03	-
Squalene	.54	8.38	24.31	2.14
Total aromatics	.03	.81	.14	-
Total hydrocarbons	.68	10.84	38.74	2.43

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 06-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	.10	1.56	-
C-16	-	.01	.05	-
C-17	.01	.04	.39	-
Pristane	.12	.51	7.71	-
C-18= 1	-	.01	-	-
C-18	-	-	-	-
Phytane	-	.01	-	-
C-19	-	.01	-	-
Sa-Androstane	-	.01	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	.02	.02	-	-
C-23	-	-	-	-
C-24	.01	-	-	-
C-25	2.56	-	2.29	-
C-26	-	.02	-	-
C-27	.02	-	-	-
Sa-Cholestane	-	-	76.70	-
C-28	.05	.03	-	-
C-29	-	.03	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	12.00	12.75	19.77	-
Pristane/Phytane	-	51.00	-	-
Σ (C-15 + C-17)	1.48	53.85	45.45	-
CPI:14-20	-	15.00	39.00	-
CPI:20-32	32.25	.43	-	-
Total n-alkanes	2.70	.26	4.29	-
Total aliphatics	3.62	10.07	88.70	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	.01	-	-
Nonadecylbenzene	-	.02	-	-
Squalene	.80	9.27	-	-
Total aromatics	-	.03	-	-
Total hydrocarbons	3.62	10.10	88.70	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 07-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.01	.08	-
C-16	-	.01	.03	-
C-17	-	.03	.04	.06
Pristane	.01	.03	.10	.03
C-18=1	-	.01	-	.03
C-18	-	.01	-	.02
Phytane	-	.02	-	.02
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	.40
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	1.66
C-28	-	.03	-	-
C-29	-	.06	-	-
C-30	-	.05	-	-
C-31	-	.08	-	.58
C-32	-	.06	-	-
Phytane/C-18	-	2.00	-	1.00
Pristane/C-17	-	1.00	2.50	.50
Pristane/Phytane	-	1.50	-	1.50
$\Sigma$ (C-15 + C-17)	-	11.76	80.00	5.66
CPI:14-20	-	2.00	4.00	3.00
CPI:20-32	-	1.38	-	-
Total n-alkenes	-	.34	.15	1.06
Total aliphatics	2.38	5.69	.25	8.92
Naphthalene	-	-	-	-
1-Methylnaphthalene	.03	.03	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	2.37	5.29	-	6.12
Total aromatics	.03	.03	-	-
Total hydrocarbons	2.41	5.72	.25	8.92

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 07-S 0 *Lutjanus campechanus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.11	2.48	12.16	-
C-16	.01	.13	.57	-
C-17	.03	.67	2.91	-
Pristane	.04	1.04	10.37	-
C-18= I	.05	.02	.08	-
C-18	.01	.03	.18	-
Phytane	-	.01	-	-
C-19	.02	.06	-	-
Se-Androstane	.01	-	-	-
C-20= I	.02	.04	-	-
C-20	-	.03	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Se-Cholestane	-	-	.28	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	.33	.00	-
Pristane/C-17	1.33	1.55	3.56	-
Pristane/Phytane	-	104.00	-	-
X (C-15 + C-17)	77.78	92.65	95.26	-
CPI:14-20	8.00	22.38	20.09	-
CPI:20-32	-	-	-	-
Total n-alkanes	.18	3.40	15.82	-
Total aliphatics	4.85	13.56	72.65	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	.02	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.04	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.55	9.05	46.10	-
Total aromatics	.04	.02	-	-
Total hydrocarbons	4.89	13.58	72.65	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 08-S D Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.09	.17	-
C-16	-	.01	.04	-
C-17	.01	.29	.25	-
Pristane	.01	.35	.67	-
C-18= 1	.01	.01	-	-
C-18	.01	.01	-	-
Phytane	-	.01	-	-
C-19	.01	.01	-	-
Sa-Androstane	.01	-	-	-
C-20= 1	-	.03	-	-
C-20	-	-	-	-
C-21	.01	-	-	-
C-22	.05	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	.03	.71	-
C-26	.02	-	-	-
C-27	.14	-	-	-
Sa-Cholestane	-	-	.20	-
C-28	-	.06	-	-
C-29	-	-	.32	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	.01	-	-
Phytane/C-18	.00	1.00	-	-
Pristane/C-17	1.00	1.21	2.60	-
Pristane/Phytane	-	35.00	-	-
X (C-15 + C-17)	4.00	74.51	28.19	-
CPI:14-20	2.00	19.50	10.50	-
CPI:20-32	2.14	.46	-	-
Total n-alkanes	.25	.51	1.49	-
Total aliphatics	.49	11.95	14.58	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	.02	-
9,10-Dihydrophenanthrene	-	-	.02	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	.04	.02	-
Nonadecylbenzene	-	-	.02	-
Squalene	.21	11.04	12.22	-
Total aromatics	-	.04	.08	-
Total hydrocarbons	.49	11.99	14.66	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 08-S 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.18	.14	-
C-16	-	.08	.04	-
C-17	.03	.23	.21	-
Pristane	.02	.51	-	-
C-18=1	-	-	.02	-
C-18	.01	-	.02	-
Phytane	-	-	.02	-
C-19	-	-	.03	-
5a-Androstane	-	-	.01	-
C-20=1	-	-	.02	-
C-20	-	-	-	-
C-21	-	-	.01	-
C-22	-	-	.02	-
C-23	-	-	.01	-
C-24	.01	-	.01	-
C-25	-	1.21	.02	-
C-26	.02	-	.02	-
C-27	-	-	-	-
5a-Cholestane	-	-	.05	-
C-28	.02	-	.03	-
C-29	-	-	.07	-
C-30	-	-	-	-
C-31	-	-	.35	-
C-32	-	-	-	-
Phytane/C-18	.00	-	1.00	-
Pristane/C-17	.67	2.22	.00	-
Pristane/Phytane	-	-	.00	-
$\Sigma$ (C-15 + C-17)	33.33	24.12	35.71	-
CPI:14-20	3.00	5.13	6.33	-
CPI:20-32	.00	-	5.75	-
Total n-alkanes	.09	1.70	.98	-
Total aliphatics	.62	11.38	35.08	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	.01	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	.02	-	-
Nonadecylbenzene	-	.07	-	-
Squalene	.71	9.17	33.98	-
Total aromatics	.01	.09	-	-
Total hydrocarbons	.83	11.47	35.08	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 09-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.36	-	-	-
C-16	-	-	-	-
C-17	.53	-	-	-
Pristane	-	-	-	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.89	-	-	-
Total aliphatics	54.48	2.28	-	-
Naphthalene	-	.38	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	53.59	2.28	-	-
Total aromatics	-	.38	-	-
Total hydrocarbons	54.48	2.66	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 09-S 0 *Balistes capricus*

(ug/g)	Flesh	GTTs	Liver	Gonads
C-15	.03	.05	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	.01	-	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	.01	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	.03	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	.10	-	-
C-23	-	.03	-	-
C-24	-	.03	-	-
C-25	-	.03	-	-
C-26	-	.04	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	.06	-	-
C-29	-	.07	-	-
C-30	-	.04	-	-
C-31	-	.06	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	1.00	-	-
$\lambda$ (C-15 + C-17)	100.00	9.80	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	.70	-	-
Total n-alkanes	.05	.51	-	-
Total aliphatics	.05	1.38	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.17	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.03	.02	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	.82	-	-
Total aromatics	.20	.02	-	-
Total hydrocarbons	.23	1.40	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 10-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.06	.15	-	-
C-16	-	-	-	-
C-17	-	.11	-	-
Pristane	.09	.42	-	-
C-18* 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20* 1	-	-	-	-
C-20	.39	-	-	-
C-21	-	-	-	-
C-22	.05	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	.04	-	-	-
C-28	.05	-	.05	-
C-29	-	-	-	-
C-30	.03	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	3.82	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	10.34	100.00	.00	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	.00	-
Total n-alkanes	.58	.26	.05	-
Total aliphatics	2.50	4.37	.05	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biohenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.79	3.69	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	2.50	4.37	.05	.00
Sample weight (g)				



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 10-S 0 *Archosargus probatocephalus*

( $\mu\text{g/g}$ )	Flesh	Gills	Liver	Gonads
C-15	-	.10	.17	-
C-16	-	-	.06	-
C-17	-	.05	.11	-
Pristane	-	.17	-	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	.21	-	-	-
C-21	-	-	.08	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.16	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	.07	-
C-28	.68	.07	.33	-
C-29	-	-	.18	-
C-30	-	-	4.49	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	3.40	.00	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	.00	39.47	5.17	-
CPI:14-20	-	-	4.67	-
CPI:20-32	.00	.00	8.96	-
Total n-alkanes	.89	.38	5.42	-
Total aliphatics	1.11	.55	5.76	-
Naphthalene	.33	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	.06	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.06	-
Nonadecylbenzene	-	-	.90	-
Squalene	.22	-	.27	-
Total aromatics	.33	-	1.02	-
Total hydrocarbons	1.44	.55	6.78	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 11-3 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.11	.15	.27	.10
C-16	-	.10	.10	.02
C-17	-	.10	.09	.03
Pristane	.16	.54	.81	.22
C-18* 1	-	.02	-	-
C-18	-	.04	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20* 1	-	-	-	-
C-20	.59	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	2.12	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	.13	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	.00	-	-
Pristane/C-17	-	5.40	9.00	7.33
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	15.71	9.96	78.26	86.67
CPI:14-20	-	1.79	3.60	6.50
CPI:20-32	-	-	-	-
Total n-alkanes	.70	2.51	.46	.15
Total aliphatics	3.12	7.74	20.40	2.44
Naphthalene	.02	.13	-	.02
1-Methylnaphthalene	.63	.03	.02	.26
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.45	.03	.03	-
Acenaphthene	-	-	-	-
Fluorene	-	.01	-	-
9,10-Dihydrophenanthrene	-	.02	.02	.02
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.06	.04	-	-
Pyrene	.82	.03	.02	-
Nonadecylbenzene	-	-	-	-
Squalene	2.26	4.54	19.13	2.07
Total aromatics	1.98	.29	.09	.30
Total hydrocarbons	5.10	8.03	20.49	2.74

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 11-S 0 Archosargus probatocephalus

( $\mu\text{g/g}$ )	Flesh	Gills	Liver	Gonads
C-15	.04	.24	.11	-
C-16	-	.12	.08	-
C-17	-	.14	.08	-
Pristane	-	.45	.15	-
C-18= 1	-	-	.03	-
C-18	-	.03	.03	-
Phytane	-	-	.04	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	1.87	-
C-26	-	-	-	-
C-27	.10	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	.00	1.33	-
Pristane/C-17	-	3.21	1.88	-
Pristane/Phytane	-	-	3.75	-
X (C-15 + C-17)	28.57	71.70	8.76	-
CPI:14-20	-	2.53	1.73	-
CPI:20-32	-	-	-	-
Total n-alkanes	.14	.53	2.17	-
Total aliphatics	1.13	1.95	14.14	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	.03	-	-
1,3-Dimethylnaphthalene	-	.04	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.04	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.99	.97	11.75	-
Total aromatics	.04	.07	-	-
Total hydrocarbons	1.17	2.02	14.14	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 12-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	.07	.08
C-16	-	-	-	-
C-17	.02	1.16	-	.04
Pristane	.11	-	.24	.35
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	5.50	.00	-	8.75
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	100.00	100.00	100.00	100.00
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.04	1.16	.07	.12
Total aliphatics	1.96	4.72	.31	2.13
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,5-Diethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	.01	-	-	.03
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.01	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.81	3.56	-	1.66
Total aromatics	.02	-	-	.03
Total hydrocarbons	1.98	4.72	.31	2.16
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 12-S 0 *Archosargus probatocephalus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.19	.06	-
C-16	-	.04	-	-
C-17	-	.08	.04	-
Pristane	.02	.67	.09	-
C-18=1	-	-	-	-
C-18	-	.02	-	-
Phytane	-	.06	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	.05	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	.11	1.46	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	3.00	-	-
Pristane/C-17	-	8.38	2.25	-
Pristane/Phytane	-	11.17	-	-
X (C-15 + C-17)	-	55.10	6.41	-
CPI:14-20	-	15.75	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	.49	1.56	-
Total aliphatics	.19	1.22	17.08	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	.19	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	.10	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	.02	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	.06	-	-	-
Squalene	.17	-	15.43	-
Total aromatics	.06	.21	.10	-
Total hydrocarbons	.25	1.43	17.18	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 13-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.06	.33	.67	.23
C-16	.03	.06	.04	-
C-17	-	.10	.15	.06
Pristane	.15	.89	1.69	.51
C-18 <sub>1</sub>	-	-	.03	-
C-18	.03	-	.04	-
Phytane	-	-	.04	.01
C-19	-	-	.05	-
Sa-Androstane	-	-	-	-
C-20 <sub>1</sub>	-	-	.04	-
C-20	.08	-	-	-
C-21	-	-	.13	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	.47	-
C-32	-	-	-	-
Phytane/C-18	.00	-	1.00	-
Pristane/C-17	-	8.90	11.27	8.50
Pristane/Phytane	-	-	42.25	51.00
% (C-15 + C-17)	30.00	87.76	52.90	100.00
CPI:14-20	-1.00	7.17	10.88	-
CPI:20-32	-	-	-	-
Total n-alkanes	.20	.49	1.55	.29
Total aliphatics	13.99	4.06	3.35	.81
Naphthalene	.17	.03	-	-
1-Methylnaphthalene	1.14	.25	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	.09	.06	-
Pyrene	-	-	.05	-
Nonadecylbenzene	-	-	-	-
Squalene	13.64	2.68	-	-
Total aromatics	1.31	.37	.11	-
Total hydrocarbons	15.30	4.43	3.46	.81

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 13-S 0 *Caranx crysos*

( $\mu\text{g/g}$ )	Flesh	Gills	Liver	Gonads
C-15	1.68	2.44	-	-
C-16	.14	.20	-	-
C-17	1.47	1.20	-	-
Pristane	6.55	6.15	-	-
C-18= 1	.02	.03	-	-
C-18	.07	.09	-	-
Phytane	.03	.03	-	-
C-19	.14	.11	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	.07	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.43	.33	-	-
Pristane/C-17	4.46	5.13	-	-
Pristane/Phytane	218.33	205.00	-	-
X (C-15 + C-17)	90.00	88.56	-	-
CPI:14-20	15.67	14.99	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	3.50	4.11	-	-
Total aliphatics	10.10	18.68	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	8.36	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	10.10	18.68	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 14-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.11	.35	1.03	-
C-16	-	.16	.16	-
C-17	-	.14	.45	-
Pristane	.24	.96	2.94	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	.05	.22	-
C-19	-	.06	-	-
5 $\alpha$ -Androstane	-	.06	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.09	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	3.00	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	33.55	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	6.86	6.53	-
Pristane/Phytane	-	19.20	13.36	-
$\Sigma$ (C-15 + C-17)	100.00	76.56	31.90	-
CPI:14-20	-	-	9.25	-
CPI:20-32	-	-	-	-
Total n-alkanes	.11	.64	4.64	-
Total aliphatics	1.69	3.25	53.00	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.34	1.54	11.65	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.69	3.25	53.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 14-S 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.11	.17	-
C-16	-	.07	.06	-
C-17	.01	.24	.11	-
Pristane	.01	.33	.08	-
C-18= 1	.01	-	-	-
C-18	.01	.02	-	-
Phytane	.01	.05	-	-
C-19	.03	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C=20	.01	.08	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	.91	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	2.50	-	-
Pristane/C-17	1.00	1.38	.73	-
Pristane/Phytane	1.00	6.60	-	-
$\Sigma$ (C-15 + C-17)	16.67	67.31	22.40	-
CPI:14-20	-	19.44	4.67	-
CPI:20-32	-	-	-	-
Total n-alkanes	.06	.52	1.25	-
Total aliphatics	.09	5.96	17.12	-
Naphthalene	-	.05	-	-
1-Methylnaphthalene	-	.21	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	.02	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	.03	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	5.06	15.79	-
Total aromatics	.02	.29	-	-
Total hydrocarbons	.11	6.25	17.12	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 15-8 O *Coryphaena hippurus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.35	2.12	1.04	1.87
C-16	.02	.13	.06	.09
C-17	.15	.89	.36	.92
Pristane	.22	2.53	1.60	1.77
C-18=1	.01	-	-	.03
C-18	.01	-	-	.07
Phytane	.01	-	-	.02
C-19	.01	-	1.84	.06
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	.02	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	.65	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.11	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	.29
Pristane/C-17	1.47	2.84	4.44	1.92
Pristane/Phytane	22.00	-	-	88.50
$\Sigma$ (C-15 + C-17)	76.92	79.42	48.28	92.69
CPI:14-20	17.00	23.15	47.33	17.81
CPI:20-32	.00	-	-	-
Total n-alkanes	.65	3.79	2.90	5.01
Total aliphatics	5.63	11.50	4.50	29.33
Naphthalene	.05	-	-	-
1-Methylnaphthalene	.91	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	.03	.03	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.72	5.18	-	24.50
Total aromatics	.96	.03	.03	-
Total hydrocarbons	6.59	11.53	4.53	29.33

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 15-S 0 *Paranthias furcifer*

(ug/g)	Flesh	GITs	Liver	Gonads
C-15	.33	1.83	2.39	.27
C-16	.01	.06	-	-
C-17	.02	.09	1.23	.01
Pristane	.13	1.06	-	.10
C-18=1	-	.02	-	-
C-18	-	.07	.08	.01
Phytane	.01	-	-	.01
C-19	-	.07	-	.01
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	.01
C-20	-	-	-	-
C-21	-	-	-	.01
C-22	-	-	-	.03
C-23	-	-	-	.02
C-24	-	-	-	.01
C-25	-	.67	5.25	.01
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	.09	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	.00	.00	1.00
Pristane/C-17	6.50	11.78	.00	10.00
Pristane/Phytane	13.00	-	-	10.00
X (C-15 + C-17)	97.22	68.82	40.45	73.68
CPI:14-20	35.00	15.31	45.25	29.00
CPI:20-32	-	-	-	1.00
Total n-alkanes	.36	2.79	8.95	.38
Total aliphatics	32.94	55.90	18.31	2.67
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	.01	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	32.44	51.94	9.36	2.17
Total aromatics	-	.01	-	-
Total hydrocarbons	32.94	55.91	18.31	2.67

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 16-S 0 *Seriola dumerilii*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	.21	.68	-
C-16	.01	.04	.06	-
C-17	.03	.38	.30	-
Pristane	.01	.20	.68	-
C-18= 1	.02	.03	.03	-
C-18	.01	.07	.06	-
Phytane	-	.01	.05	-
C-19	.01	.06	.07	-
Sa-Androstane	-	.04	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.01	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.02	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	.08	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	.14	.83	-
Pristane/C-17	.33	.53	2.27	-
Pristane/Phytane	-	20.00	13.60	-
Σ (C-15 + C-17)	57.14	67.82	83.76	-
CPI:14-20	2.50	5.91	8.75	-
CPI:20-32	-	.10	-	-
Total n-alkanes	.07	.87	1.17	-
Total aliphatics	4.22	2.95	87.68	-
Naphthalene	-	-	.01	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	.01	.03	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	.02	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	.01	-
Pyrene	.01	-	.02	-
Nonadecylbenzene	-	-	.14	-
Squalene	4.12	1.80	85.75	-
Total aromatics	.01	.01	.23	-
Total hydrocarbons	4.23	2.96	87.91	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 16-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18x 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20x 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	2.65	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	-	.00	-	-
CPI:14-20	-	.00	-	-
CPI:20-32	-	.00	-	-
Total n-alkanes	-	2.65	-	-
Total aliphatics	-	107.62	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	.10	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	104.97	-	-
Total aromatics	-	.10	-	-
Total hydrocarbons	.00	107.72	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 17-8 O *Paranthias furcifer*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	2.79	.29
C-16	-	-	.09	-
C-17	.02	1.94	.25	.03
Pristene	.19	-	2.41	.14
C-18= 1	.01	.04	-	.01
C-18	.02	.12	.20	-
Phytene	-	-	-	.01
C-19	-	-	.12	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytene/C-18	.00	.00	.00	-
Pristene/C-17	9.50	.00	9.64	4.67
Pristene/Phytene	-	-	-	14.00
X (C-15 + C-17)	50.00	94.17	88.12	100.00
CPI:14-20	1.00	16.17	10.90	-
CPI:20-32	-	-	-	-
Total n-alkanes	.04	2.06	3.45	.32
Total aliphatics	2.02	6.56	9.82	4.87
Naphthalene	-	-	-	-
1-Methylnaphthalene	.03	.03	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	.01
Pyrene	-	-	.03	.01
Nonadecylbenzene	-	-	-	-
Squalene	1.78	4.46	3.96	4.39
Total aromatics	.03	.03	.03	.02
Total hydrocarbons	2.05	6.59	9.85	4.89
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 17-S 0 *Kyphosus sectatrix*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
I (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	-	47.43	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	47.43	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.00	47.43	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 18-S 0 Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.14	.43	-
C-16	-	-	-	-
C-17	-	.59	.17	-
Pristane	-	-	-	-
C-18# 1	-	-	-	-
C-18	-	.05	.08	-
Phytane	-	-	-	-
C-19	-	.04	-	-
5 $\alpha$ -Androstane	-	-	.08	-
C-20# 1	-	-	-	-
C-20	.16	-	-	-
C-21	-	-	.14	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	.16	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	.81	-
C-32	-	-	-	-
Phytane/C-16	-	.00	.00	-
Pristane/C-17	-	.00	.00	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	.00	74.49	36.81	-
CPI:14-20	-	15.40	7.50	-
CPI:20-32	-	.00	-	-
Total n-alkanes	.16	.98	1.63	-
Total aliphatics	1.06	5.42	34.60	-
Naphthalene	-	-	.02	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.03	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	.07	-	-
Pyrene	-	-	.02	-
Nonadecylbenzene	-	-	.58	-
Squalene	.90	4.44	32.89	-
Total aromatics	.03	.07	.62	-
Total hydrocarbons	1.09	5.49	35.22	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 18-S 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.18	-	-	-
C-16	-	-	-	-
C-17	.07	-	.13	-
Pristane	.14	.29	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	.23	-	-
C-20= 1	-	-	-	-
C-20	.05	-	-	-
C-21	-	.24	.09	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.57	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	9.12	-	-
C-29	-	-	-	-
C-30	-	-	.47	-
C-31	-	-	-	-
C-32	-	-	1.03	-
Phytane/C-18	-	-	-	-
Pristane/C-17	2.00	-	.00	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	83.33	.00	7.56	-
CPI:14-20	-	-	-	-
CPI:20-32	-	.02	.13	-
Total n-alkanes	.30	9.93	1.72	-
Total aliphatics	1.57	10.45	14.28	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	.03	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	.08	-
Pyrene	-	-	.04	-
Nonadecylbenzene	-	-	.40	-
Squalene	1.13	-	12.56	-
Total aromatics	-	-	.55	-
Total hydrocarbons	1.57	10.45	14.83	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 18-S 0 *Lutjanus synagris*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	1.29	-	-
C-16	-	.06	-	-
C-17	-	.28	3.27	-
Pristane	.08	.81	-	-
C-18= 1	-	-	.02	-
C-18	-	-	-	-
Phytane	-	.08	-	-
C-19	-	.05	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.07	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.03	-
C-26	-	-	-	-
C-27	-	-	.03	-
5 $\alpha$ -Cholestane	-	-	.06	-
C-28	-	-	1.83	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	.17	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	2.89	.00	-
Pristane/Phytane	-	10.13	-	-
$\Sigma$ (C-15 + C-17)	-	93.45	60.56	-
CPI:14-20	-	27.00	-	-
CPI:20-32	-	-	.07	-
Total n-alkanes	-	1.68	5.40	-
Total aliphatics	2.57	12.45	40.60	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	.18	-
Squalene	2.49	9.88	35.12	-
Total aromatics	-	-	.18	-
Total hydrocarbons	2.57	12.45	40.78	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 19-S 0 Chaetodipterus faber

( $\mu\text{g/g}$ )	Flesh	GITs	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.03	.14	-	-
C-16	-	.03	-	-
C-17	.03	.07	1.80	.22
Pristane	.05	.14	-	-
C-18	-	.01	-	.02
C-18	-	.02	-	-
Phytane	-	.01	-	-
C-19	-	-	-	-
St-Androstane	-	-	-	-
C-20 = 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
St-Cholestane	-	-	-	-
C-28	-	-	8.08	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	.50	-	-
Pristane/C-17	1.67	2.00	.00	.00
Pristane/Phytane	-	14.00	-	-
X (C-15 + C-17)	100.00	80.77	18.22	100.00
CPI:14-20	-	4.20	-	-
CPI:20-32	-	-	.00	-
Total n-alkanes	.06	.26	9.88	.22
Total aliphatics	3.43	5.25	247.52	4.91
Naphthalene	-	-	-	.15
1-Methylnaphthalene	-	.16	-	.18
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	.02
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	3.32	4.83	237.64	4.67
Total aromatics	-	.16	-	.35
Total hydrocarbons	3.43	5.41	247.52	5.26

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 19-S D Archosargus probatocephalus

(ug/g)	FTesh	Gills	Liver	Gonads
C-15	-	.25	.63	-
C-16	-	-	.13	-
C-17	-	.08	.66	-
Pristane	.05	.65	.53	-
C-18= 1	-	-	-	-
C-18	-	.08	-	-
Phytane	-	.21	-	-
C-19	.10	-	-	-
5 $\alpha$ -Androstane	-	.10	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.05	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.02	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.04	-	-	-
C-28	.02	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	11.55	-
C-32	-	-	-	-
Phytane/C-18	-	2.63	-	-
Pristane/C-17	-	8.13	.80	-
Pristane/Phytane	-	3.10	-	-
X (C-15 + C-17)	.00	80.49	9.95	-
CPI:14=20	-	4.13	9.92	-
CPI:20=32	1.25	-	-	-
Total n-alkanes	.19	.41	12.97	-
Total aliphatics	2.17	6.96	33.58	-
Naphthalene	-	.04	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	.06	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	.05	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.15	-
Nonadecylbenzene	-	-	.34	-
Squalene	1.89	5.59	20.08	-
Total aromatics	-	.15	.49	-
Total hydrocarbons	2.17	7.11	34.07	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August

Site 20-S 0 Chaetodipterus faber

( $\mu\text{g/g}$ )	Flesh	Gills	Liver	Gonads
C-15	.12	.32	-	-
C-16	-	-	-	-
C-17	.05	.38	-	-
Pristane	.43	-	-	-
C-18= 1	-	.04	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.12	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	14.00	-	-
C-28	.05	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	8.60	.00	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	50.00	100.00	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.34	.70	-	-
Total aliphatics	3.42	18.60	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	.05	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	2.65	3.86	-	-
Total aromatics	-	.05	-	-
Total hydrocarbons	3.42	18.65	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 20-S 0 ?

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.14	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	.42	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	-	100.00	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	.14	-	-
Total aliphatics	-	.66	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	.10	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.00	.66	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August  
Site 20-S 0 Archosargus probatocephalus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	.24	-
C-16	-	-	-	-
C-17	-	-	.16	-
Pristane	-	-	.08	-
C-18= 1	.05	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	.05	-	-	-
C-29	-	-	-	-
C-30	-	-	.70	-
C-31	-	-	7.05	-
C-32	-	-	2.44	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	.50	-
Pristane/Phytane	-	-	-	-
Z (C-15 + C-17)	.00	-	3.78	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	6.16	-
Total n-alkanes	.05	-	10.59	-
Total aliphatics	.92	-	49.45	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	.06	-
Nonadecylbenzene	-	-	.11	-
Squalene	.82	-	38.78	-
Total aromatics	-	-	.17	-
Total hydrocarbons	.92	.00	49.62	.00
Sample weight (g)				

**HYDROCARBONS IN DEMERSAL FISH**



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 01-P O *Arius felis*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	.01	-	-	-
C-17	.05	-	-	-
Pristane	.03	-	-	-
C-18= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.60	-	-	-
Pristane/Phytane	-	-	-	-
$\bar{x}$ (C-15 + C-17)	77.78	-	-	-
CPI:14-20	3.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	5.08	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.95	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	5.08	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 02-P 0 *Microgogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.02	-	-	-
Pristane	.03	-	-	-
C-18 <sub>1</sub>	-	-	-	-
C-18	.02	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 <sub>1</sub>	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	.13	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	1.50	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	15.79	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.19	-	-	-
Total aliphatics	3.91	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	3.69	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	3.91	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 03-P 0 *Diplectrum bivittatum*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.20	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.20	-	-	-
Total aliphatics	1.75	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.55	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.75	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 03-P 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.04	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.05	-	-	-
C-28	-	-	-	-
C-29	.01	-	-	-
C-30	-	-	-	-
C-31	.01	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.50	-	-	-
Total n-alkanes	.06	-	-	-
Total aliphatics	.13	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.13	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 03-P 0 *Ostrea equestris*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.05	-	-	-
C-16	.02	-	-	-
C-17	.03	-	-	-
Pristane	.12	-	-	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	4.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	80.00	-	-	-
CPI:14-20	4.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.10	-	-	-
Total aliphatics	1.02	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.03	-	-	-
Acenaphthene	.01	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.08	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.80	-	-	-
Total aromatics	.12	-	-	-
Total hydrocarbons	1.14	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 04-P 0 *Microgogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	.05	-	-	-
C-18=1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	4.49	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.06	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.44	-	-	-
Total aromatics	.06	-	-	-
Total hydrocarbons	4.55	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 04-P 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Σ-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Σ-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
Σ (C-15 + C-17)	50.00	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkenes	.02	-	-	-
Total aliphatics	.14	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.11	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.14	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 04-P D *Cordata texasiana*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.15	-	-	-
C-16	.03	-	-	-
C-17	.05	-	-	-
Pristane	.10	-	-	-
C-18± 1	.03	-	-	-
C-18	.06	-	-	-
Phytane	.02	-	-	-
C-19	-	-	-	-
5α-Androstane	-	-	-	-
C-20± 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5α-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.33	-	-	-
Pristane/C-17	2.00	-	-	-
Pristane/Phytane	5.00	-	-	-
X (C-15 + C-17)	68.97	-	-	-
CPI:14-20	2.22	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.29	-	-	-
Total aliphatics	.44	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.44	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 05-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	-	-	-
C-16	-	-	-	-
C-17	.03	-	-	-
Pristane	.02	-	-	-
C-18= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	.15	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	.67	-	-	-
Pristane/Phytane	2.00	-	-	-
X (C-15 + C-17)	27.27	-	-	-
CPI:14-20	6.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.22	-	-	-
Total aliphatics	7.54	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.04	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	7.28	-	-	-
Total aromatics	.04	-	-	-
Total hydrocarbons	7.58	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 05-S 0 *Penaeus setiferus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	75.00	-	-	-
CPI:14-20	3.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.04	-	-	-
Total aliphatics	.14	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.08	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.14	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 05-S 0 *Crassostrea virginica*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.14	-	-	-
C-16	.11	-	-	-
C-17	.10	-	-	-
Pristane	.09	-	-	-
C-18# 1	-	-	-	-
C-18	.05	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20# 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.20	-	-	-
Pristane/C-17	.90	-	-	-
Pristane/Phytane	9.00	-	-	-
X (C-15 + C-17)	60.00	-	-	-
CPI:14-20	1.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.40	-	-	-
Total aliphatics	.50	-	-	-
Naphthalene	.04	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.10	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	.14	-	-	-
Total hydrocarbons	.64	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 06-5 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	-	-	-	-
C-17	.06	-	-	-
Pristane	-	-	-	-
C-18= 1	.02	-	-	-
C-18	.01	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	88.89	-	-	-
CPI:14-20	8.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	2.05	-	-	-
Naphthalene	.04	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.04	-	-	-
Pyrene	.10	-	-	-
Nonadecylbenzene	.06	-	-	-
Squalene	1.94	-	-	-
Total aromatics	.24	-	-	-
Total hydrocarbons	2.29	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 06-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	.01	-	-	-
C-18= 1	-	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	1.00	-	-	-
Σ (C-15 + C-17)	.00	-	-	-
CPI:14-20	.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.01	-	-	-
Total aliphatics	1.52	-	-	-
Naphthalene	.07	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.49	-	-	-
Total aromatics	.07	-	-	-
Total hydrocarbons	1.59	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 06-S 0 Cordata texasiana

(ug/a)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-1A= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
Z (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	.15	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.15	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.15	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 07-S 0 *Centropristis philadelphicus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	-	-	-
C-16	-	-	-	-
C-17	.02	-	-	-
Pristane	.03	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.50	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.05	-	-	-
Total aliphatics	1.04	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.96	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.04	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 07-S 0 Penaeus aztecus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18=1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
X (C-15 + C-17)	28.57	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	.22	-	-	-
Naphthalene	.03	-	-	-
1-Methylnaphthalene	.23	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.12	-	-	-
Total aromatics	.26	-	-	-
Total hydrocarbons	.48	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 07-S 0 *Cordata texasiana*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.04	-	-	-
C-16	.03	-	-	-
C-17	.05	-	-	-
Pristane	.09	-	-	-
C-18= 1	.02	-	-	-
C-18	.04	-	-	-
Phytane	.02	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.04	-	-	-
C-21	-	-	-	-
C-22	.18	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	.21	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.28	-	-	-
C-28	.04	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	.11	-	-	-
Phytane/C-18	.50	-	-	-
Pristane/C-17	1.80	-	-	-
Pristane/Phytane	4.50	-	-	-
$\Sigma$ (C-15 + C-17)	12.16	-	-	-
CPI:14-20	2.14	-	-	-
CPI:20-32	.72	-	-	-
Total n-alkanes	.74	-	-	-
Total aliphatics	1.29	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.07	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.14	-	-	-
Total aromatics	.07	-	-	-
Total hydrocarbons	1.36	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 06-S 0 *Peneus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.02	-	-	-
C-18= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	2.00	-	-	-
Pristane/Phytane	2.00	-	-	-
X (C-15 + C-17)	50.00	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.04	-	-	-
Total aliphatics	.29	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.21	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.29	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 08-S 0 Cordata texasiana

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.02	-	-	-
Pristane	.09	-	-	-
C-18* 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20* 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	4.50	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.02	-	-	-
Total aliphatics	.35	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.24	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.35	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 08-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	.01	-	-	-
C-17	.02	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	.02	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
Sa-Androstene	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.50	-	-	-
Pristane/C-17	.50	-	-	-
Pristane/Phytane	1.00	-	-	-
X (C-15 + C-17)	57.14	-	-	-
CPI:14-20	1.33	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	4.62	-	-	-
Naphthalene	.24	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.52	-	-	-
Total aromatics	.24	-	-	-
Total hydrocarbons	4.86	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 09-S 0 *Centropristis philadelphicus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.08	-	-	-
C-16	.02	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	80.00	-	-	-
CPI:14-20	4.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.10	-	-	-
Total aliphatics	1.37	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.27	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.37	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 09-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	-	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	-	-	-	-
C-28	.04	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
Z (C-15 + C-17)	20.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.05	-	-	-
Total aliphatics	.28	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.20	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.28	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 09-S 0 ?

(ug/g) -----	Flesh -----	Gills -----	Liver -----	Gonads -----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	.09	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.05	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.09	-	-	-
Total aromatics	.05	-	-	-
Total hydrocarbons	.14	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 09-3 0 *Anadara baughmani*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	-	-	-	-
C-17	.09	-	-	-
Pristane	-	-	-	-
C-18 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.11	-	-	-
Total aliphatics	.25	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.12	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.01	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.14	-	-	-
Total aromatics	.13	-	-	-
Total hydrocarbons	.38	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 10-S 0 *Noetia ponderosa*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.05	-	-	-
C-16	.01	-	-	-
C-17	.04	-	-	-
Pristane	.06	-	-	-
C-18± 1	.01	-	-	-
C-18	-	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5α-Androstane	-	-	-	-
C-20± 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5α-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.50	-	-	-
Pristane/Phytane	6.00	-	-	-
X (C-15 + C-17)	90.00	-	-	-
CPI:14-20	9.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkenes	.10	-	-	-
Total aliphatics	.18	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.18	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 10-5 D *Mycteroperca phenax*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.04	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.07	-	-	-
C-18s 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20s 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	7.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	85.33	-	-	-
CPI:14-20	5.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.06	-	-	-
Total aliphatics	.14	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.14	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 10-S 0 *Lutjanus griseus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.31	.	.	.
C-16	.	.	.	.
C-17	.25	.	.	.
Pristane	.	.	.	.
C-18= 1	.	.	.	.
C-18	.	.	.	.
Phytane	.	.	.	.
C-19	.	.	.	.
5 $\alpha$ -Androstane	.	.	.	.
C-20= 1	.	.	.	.
C-20	.	.	.	.
C-21	.	.	.	.
C-22	.	.	.	.
C-23	.	.	.	.
C-24	.	.	.	.
C-25	.	.	.	.
C-26	.	.	.	.
C-27	.	.	.	.
5 $\alpha$ -Cholestane	.	.	.	.
C-28	.	.	.	.
C-29	.	.	.	.
C-30	.	.	.	.
C-31	.	.	.	.
C-32	.	.	.	.
Phytane/C-18	.	.	.	.
Pristane/C-17	.00	.	.	.
Pristane/Phytane	.	.	.	.
% (C-15 + C-17)	100.00	.	.	.
CPI:14-20	.	.	.	.
CPI:20-32	.	.	.	.
Total n-alkanes	.56	.	.	.
Total aliphatics	.56	.	.	.
Naphthalene	.	.	.	.
1-Methylnaphthalene	.	.	.	.
Biphenyl	.	.	.	.
1,3-Dimethylnaphthalene	.	.	.	.
Acenaphthene	.	.	.	.
Fluorene	.	.	.	.
9,10-Dihydrophenanthrene	.	.	.	.
Phenanthrene	.	.	.	.
3,6-Dimethylphenanthrene	.	.	.	.
Pyrene	.	.	.	.
Nonadecylbenzene	.	.	.	.
Squalene	.	.	.	.
Total aromatics	.	.	.	.
Total hydrocarbons	.56	.00	.00	.00
Sample weight (g)				

150

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 11-S O *Ostrea equestris*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.07	-	-	-
C-16	.02	-	-	-
C-17	.03	-	-	-
Pristane	.14	-	-	-
C-18=1	.02	-	-	-
C-18	.04	-	-	-
Phytane	.02	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20=1	.06	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.50	-	-	-
Pristane/C-17	4.67	-	-	-
Pristane/Phytane	7.00	-	-	-
$\Sigma$ (C-15 + C-17)	62.50	-	-	-
CPI:14-20	1.67	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.16	-	-	-
Total aliphatics	.62	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	.01	-	-	-
1,3-Dimethylnaphthalene	.01	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.22	-	-	-
Total aromatics	.02	-	-	-
Total hydrocarbons	.64	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 13-S O *Micropoqon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	.01	-	-	-
C-17	.03	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	.05	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
Z (C-15 + C-17)	33.33	-	-	-
CPI:14-20	3.00	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	2.12	-	-	-
Naphthalene	.05	-	-	-
1-Methylnaphthalene	.22	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	2.03	-	-	-
Total aromatics	.27	-	-	-
Total hydrocarbons	2.39	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 13-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.02	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.75	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	2.60	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.77	-	-	-
Total aliphatics	.86	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.09	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.86	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 13-S 0 *Cordata texasiana*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.06	-	-	-
C-16	.09	-	-	-
C-17	.18	-	-	-
Pristane	-	-	-	-
C-18 = 1	.01	-	-	-
C-18	.04	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 = 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	64.86	-	-	-
CPI:14-20	1.85	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.37	-	-	-
Total aliphatics	.38	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.38	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August				
Site 14-S O Callinectes similis				
(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.06	-	-	-
C-18# 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20# 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	.02	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	6.00	-	-	-
Pristane/Phytane	6.00	-	-	-
X (C-15 + C-17)	33.33	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.06	-	-	-
Total aliphatics	.55	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.41	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.55	.00	.00	.00
Sample weight (g)				



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 14-S 0 *Lutjanus campechanus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.24	-	-	-
C-16	-	-	-	-
C-17	.10	-	-	-
Pristane	.08	-	-	-
C-18= 1	-	-	-	-
C-18	.07	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.05	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.80	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	73.91	-	-	-
CPI:14-20	4.86	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.46	-	-	-
Total aliphatics	4.39	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	3.85	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	4.39	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 14-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	.12	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	.02	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.01	-	-	-
Total aliphatics	.27	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.01	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	.01	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	.01	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.03	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.10	-	-	-
Total aromatics	.06	-	-	-
Total hydrocarbons	.33	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 15-S 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
$\bar{x}$ (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	4.62	-	-	-
Naphthalene	.03	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	.02	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	4.62	-	-	-
Total aromatics	.05	-	-	-
Total hydrocarbons	4.67	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 15-3 0 Penaeus aztecus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18x 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20x 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
X (C-15 + C-17)	28.57	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	.28	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.18	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.28	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 15-S 0 *Amusium papyraceum*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.04	-	-	-
C-16	.01	-	-	-
C-17	-	-	-	-
Pristane	.03	-	-	-
C-18= 1	-	-	-	-
C-18	.04	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.25	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	3.00	-	-	-
$\bar{x}$ (C-15 + C-17)	44.44	-	-	-
CPI:14-20	.80	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	.45	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.51	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.32	-	-	-
Total aromatics	.51	-	-	-
Total hydrocarbons	.96	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 15-S 0 *Synodus foetens*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	2.00	-	-	-
Naphthalene	.07	-	-	-
1-Methylnaphthalene	.10	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	2.00	-	-	-
Total aromatics	.17	-	-	-
Total hydrocarbons	2.17	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 16-S  $\square$  *Cyclopsetta chittendeni*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.02	-	-	-
C-1A= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	2.00	-	-	-
Pristane/Phytane	2.00	-	-	-
% (C-15 + C-17)	50.00	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.02	-	-	-
Total aliphatics	1.50	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.01	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.44	-	-	-
Total aromatics	.01	-	-	-
Total hydrocarbons	1.51	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 16-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.06	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	14.29	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	.21	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.14	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.21	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 17-S 0 *Synodus foetens*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.06	-	-	-
Pristane	-	-	-	-
C-18= 1	.04	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.06	-	-	-
Total aliphatics	.10	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.10	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 17-S 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.06	-	-	-
C-16	.04	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	60.00	-	-	-
CPI:14-20	1.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.10	-	-	-
Total aliphatics	.18	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.08	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.18	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 17-S 0 *Amusium papyraceum*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.07	-	-	-
C-16	.02	-	-	-
C-17	.06	-	-	-
Pristane	.04	-	-	-
C-18 <sub>1</sub>	.02	-	-	-
C-18	-	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 <sub>1</sub>	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.67	-	-	-
Pristane/Phytane	4.00	-	-	-
$\Sigma$ (C-15 + C-17)	86.67	-	-	-
CPI:14-20	6.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.15	-	-	-
Total aliphatics	.74	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	.22	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.13	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.52	-	-	-
Total aromatics	.35	-	-	-
Total hydrocarbons	1.09	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 18-S 0 Callinectes sapidus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.01	-	-	-
Pristane	.07	-	-	-
C-18± 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5α-Androstane	-	-	-	-
C-20± 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5α-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	7.00	-	-	-
Pristane/Phytane	-	-	-	-
Σ (C-15 + C-17)	50.00	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.04	-	-	-
Total aliphatics	1.19	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.07	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.19	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 19-3 0 *Arius felis*

(ug/g) -----	Flesh -----	Gills -----	Liver -----	Gonads -----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18# 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20# 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	6.39	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	6.39	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	6.39	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 19-S 0 *Callinectes sapidus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.02	-	-	-
Pristane	.02	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-Cholestane	.02	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.02	-	-	-
Total aliphatics	.06	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.06	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 19-S 0 *Crassostrea virginica*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.10	-	-	-
C-16	.03	-	-	-
C-17	.16	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	.05	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.04	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
$\bar{x}$ (C-15 + C-17)	76.47	-	-	-
CPI:14-20	3.25	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.34	-	-	-
Total aliphatics	.91	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.09	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.53	-	-	-
Total aromatics	.09	-	-	-
Total hydrocarbons	1.00	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 20-S 0 *Lutjanus campechanus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.55	-	-	-
C-16	.03	-	-	-
C-17	.36	-	-	-
Pristane	-	-	-	-
C-18= 1	.01	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	96.81	-	-	-
CPI:14-20	30.33	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.94	-	-	-
Total aliphatics	41.72	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	40.77	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	41.72	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 21-C 0 *Cynoscion arenarius*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	.18	-	-	-
C-16	.06	-	-	-
C-17	.43	-	-	-
Pristane	.10	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	1.84	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	.15	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.23	-	-	-
Pristane/Phytane	-	-	-	-
$\Sigma$ (C-15 + C-17)	24.30	-	-	-
CPI:14-20	10.17	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	2.51	-	-	-
Total aliphatics	61.43	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	.01	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	58.67	-	-	-
Total aromatics	.01	-	-	-
Total hydrocarbons	61.44	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 21-C 0 *Micropogon undulatus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.02	-	-	-
C-16	.01	-	-	-
C-17	.03	-	-	-
Pristane	.04	-	-	-
C-18 = 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20 = 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	1.33	-	-	-
Pristane/Phytane	4.00	-	-	-
$\Sigma$ (C-15 + C-17)	71.43	-	-	-
CPI:14-20	2.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	59.24	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	59.11	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	59.24	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 21-C 0 *Penaeus setiferus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	.01	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	100.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.02	-	-	-
Total aliphatics	.53	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.49	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.53	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 22-C 0 *Noetia ponderosa*

(ug/g)	Flesh	GIITS	Liver	Gonads
C-15	.03	-	-	-
C-16	.01	-	-	-
C-17	.02	-	-	-
Pristane	.04	-	-	-
C-18= 1	.01	-	-	-
C-18	.01	-	-	-
Phytane	.01	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	2.00	-	-	-
Pristane/Phytane	4.00	-	-	-
$\Sigma$ (C-15 + C-17)	71.43	-	-	-
CPI:14-20	2.50	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.07	-	-	-
Total aliphatics	.20	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	.07	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.20	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 23-C 0 *Brotila barbata*

(ug/g)	Flesh	Gills	Liver	Gonads
-----	-----	-----	-----	-----
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
X (C-15 + C-17)	-	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	-	-	-	-
Total aliphatics	1.05	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Fluorene	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenanthrene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	1.05	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	1.05	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 23-C 0 *Penaeus aztecus*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.01	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.13	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	.08	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	4.55	-	-	-
CPI:14-20	.62	-	-	-
CPI:20-32	.22	-	-	-
Total n-alkanes	.23	-	-	-
Total aliphatics	-	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	.53	-	-	-
Squalene	-	-	-	-
Total aromatics	.53	-	-	-
Total hydrocarbons	.76	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
 Site 23-C 0 Cordata texasiana

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.40	-	-	-
C-16	.13	-	-	-
C-17	.11	-	-	-
Pristane	.19	-	-	-
C-18= 1	-	-	-	-
C-18	.06	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.27	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	.06	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	.53	-	-	-
C-29	.20	-	-	-
C-30	.34	-	-	-
C-31	.36	-	-	-
C-32	.34	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	1.73	-	-	-
Pristane/Phytane	-	-	-	-
Z (C-15 + C-17)	18.21	-	-	-
CPI:14-20	2.68	-	-	-
CPI:20-32	.88	-	-	-
Total n-alkanes	2.80	-	-	-
Total aliphatics	5.83	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	1.23	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	2.84	-	-	-
Total aromatics	1.23	-	-	-
Total hydrocarbons	7.06	.00	.00	.00

Sample weight (g)

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August

Site 24-C 0 *Cynoscion arenarius*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.08	.	.	.
C-16	.	.	.	.
C-17	.02	.	.	.
Pristane	.03	.	.	.
C-18=1	.	.	.	.
C-18	.	.	.	.
Phytane	.	.	.	.
C-19	.04	.	.	.
Sa-Androstane	.	.	.	.
C-20=1	.	.	.	.
C-20	.	.	.	.
C-21	.09	.	.	.
C-22	.	.	.	.
C-23	.	.	.	.
C-24	.	.	.	.
C-25	.	.	.	.
C-26	.	.	.	.
C-27	.	.	.	.
Sa-Cholestane	.	.	.	.
C-28	.	.	.	.
C-29	.	.	.	.
C-30	.	.	.	.
C-31	.	.	.	.
C-32	.	.	.	.
Phytane/C-18	.	.	.	.
Pristane/C-17	1.50	.	.	.
Pristane/Phytane	.	.	.	.
$\Sigma$ (C-15 + C-17)	43.48	.	.	.
CPI:14-20	.	.	.	.
CPI:20-32	.	.	.	.
Total n-alkanes	.23	.	.	.
Total eliphatics	5.53	.	.	.
Naphthalene	.	.	.	.
1-Methylnaphthalene	.	.	.	.
Biphenyl	.	.	.	.
1,3-Dimethylnaphthalene	.	.	.	.
Acenaphthene	.	.	.	.
Fluorene	.	.	.	.
9,10-Dihydrophenanthrene	.	.	.	.
Phenanthrene	.	.	.	.
3,6-Dimethylphenanthrene	.	.	.	.
Pyrene	.	.	.	.
Nonadecylbenzene	.	.	.	.
Saualene	5.27	.	.	.
Total aromatics	.	.	.	.
Total hydrocarbons	5.53	.00	.00	.00

Sample weight (g)



CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August  
Site 24-C 0 *Noetia ponderosa*

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.43	-	-	-
C-16	.04	-	-	-
C-17	.41	-	-	-
Pristane	.92	-	-	-
C-18: 1	.04	-	-	-
C-18	.09	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5 $\alpha$ -Androstane	-	-	-	-
C-20: 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5 $\alpha$ -Cholestane	-	-	-	-
C-28	5.80	-	-	-
C-29	.38	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	2.24	-	-	-
Pristane/Phytane	-	-	-	-
$\bar{x}$ (C-15 + C-17)	11.75	-	-	-
CPI:14-20	6.46	-	-	-
CPI:20-32	.07	-	-	-
Total n-alkanes	7.15	-	-	-
Total aliphatics	8.11	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	.30	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	-	-	-	-
Total aromatics	.30	-	-	-
Total hydrocarbons	8.41	.00	.00	.00

Sample weight (g)

**TRACE METALS IN SURFICIAL SEDIMENTS**

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
152.300	17.200	51.000	26.400	71.788	
94.600	61.600	58.000	60.800	68.750	
191.800	45.200	33.200	44.400	78.650	
31.200	36.100	18.600	42.200	35.075	
Mean	122.475	40.025	38.250	43.450	61.050
Station 02					
56.800	43.400	90.500	92.800	69.311	
64.800	81.800	67.200	117.600	82.850	
107.800	55.400	68.000	87.200	79.600	
66.200	68.600	78.000	89.400	75.550	
Mean	73.900	62.300	75.925	96.750	77.218
Station 03					
71.800	78.400		44.200	65.800	
81.400	34.600	41.600	33.500	47.700	
124.000	61.400	88.200	52.500	81.450	
119.800	64.600	84.400	35.000	75.950	
Mean	99.250	59.750	71.400	41.150	67.887
Station 04					
79.900	77.800		97.400	63.775	
1515.000	76.800	75.800	48.600	429.050	
39.000	132.400	48.600	88.600	76.120	
163.200	75.600	31.000	80.000	87.450	
Mean	449.275	90.650	38.850	77.650	164.106
Station 21				68.700	
Station 22				26.800	
Station 23				47.500	
Station 24				26.600	
Grand Mean	186.225	63.181	56.106	64.750	67.482

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
F	.350	.185	.406	.187	.269
N	.226	.412	.427	.291	.339
S	.037	.414	.182	.278	.377
W	.200	.184	.177	.363	.231
Mean	.353	.298	.298	.279	.307
Station 02					
F	.151	.223	.112	.272	.185
N	.173	.340	.190	.295	.274
S	.461	.252	.190	.274	.248
W	.319	.204	.316	.274	.279
Mean	.226	.254	.202	.303	.246
Station 03					
F	.050	.042	.034	.048	.044
N	.065	.075	.062	.208	.102
S	.045	.044	.047	.115	.062
W	.036	.075	.079	.249	.109
Mean	.049	.059	.055	.155	.079
Station 04					
F	.281	.098	.114	.140	.171
N	.211	.121	.155	.119	.151
S	.425	.140	.119	.141	.256
W	.430	.105	.083	.101	.179
Mean	.336	.116	.117	.175	.186
Station 21					.359
Station 22					.209
Station 23					.124
Station 24					.136
Grand Mean	.241	.181	.168	.228	.205

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
F	12.230	9.580	6.170	7.670	9.270
N	14.300	6.940	7.410	10.200	9.712
S	11.060	7.770	9.070	10.710	9.652
W	11.860	10.960	9.450	7.890	10.040
Mean	12.362	8.812	8.012	9.117	9.575
Station 02					
F	4.570	6.300	4.190	4.830	4.927
N	4.510	6.120	5.540	4.830	5.250
S	5.410	5.800	8.440	5.530	6.525
W	4.880	5.690	7.190	8.440	6.550
Mean	4.842	5.977	6.340	5.907	5.766
Station 03					
E	5.290	5.390	5.630	4.190	5.143
N	4.400	4.790	3.410	6.800	4.725
S	5.170	5.990	5.540	7.190	5.797
W	3.950	2.570	4.120	2.590	4.757
Mean	4.702	5.085	4.675	5.942	5.101
Station 04					
F	8.825	10.060	10.210	7.120	9.028
N	10.210	9.510	9.980	9.200	9.725
S	8.000	9.550	10.580	9.710	9.460
W	7.770	8.990	9.350	10.960	9.267
Mean	8.701	9.527	10.030	9.247	9.376
Station 21					7.030
Station 22					6.980
Station 23					7.410
Station 24					9.450
Grand Mean	7.651	7.350	7.264	7.553	7.586

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
F	14.528	14.854	7.774	11.027	12.234
N	14.342	9.307	11.716	13.481	15.261
S	15.366	13.176	9.837	13.686	15.016
W	13.891	12.688	11.690	12.154	12.605
Mean	14.581	12.408	10.254	12.587	12.457
Station 02					
F	5.849	10.122	3.830	9.745	7.215
N	5.821	13.906	8.982	10.329	9.759
S	11.570	9.345	11.548	11.716	11.044
W	12.300	6.358	12.715	16.110	11.870
Mean	8.965	9.932	9.268	11.975	10.015
Station 03					
F	2.459	4.081	3.723	2.375	3.081
N	2.451	3.217	2.518	10.122	4.577
S	2.566	2.566	2.851	7.966	3.987
W	3.294	3.600	4.051	7.847	4.698
Mean	2.692	3.366	3.285	7.077	4.105
Station 04					
F	16.250	10.741	9.695	10.037	12.188
N	16.538	10.193	11.336	9.552	11.904
S	20.184	10.877	9.766	10.570	12.849
W	10.986	11.027	10.025	10.479	10.629
Mean	15.989	10.709	10.205	10.159	11.765
Station 21					13.248
Station 22					10.877
Station 23					7.654
Station 24					10.724
Grand Mean	10.536	9.103	8.253	10.449	10.105

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
FN	.974	.831	.556	.674	.782
EN	1.060	.577	.696	.983	.819
SN	.743	.729	.761	.991	.806
WN	.919	.951	.846	.809	.822
Mean	.923	.764	.714	.803	.801
Station 02					
FN	.426	.654	.383	.455	.473
EN	.412	.711	.568	.480	.547
SN	.592	.601	.788	.520	.625
WN	.530	.580	.807	.972	.722
Mean	.495	.636	.639	.606	.595
Station 03					
FN	.352	.373	.366	.380	.366
EN	.383	.441	.263	.621	.417
SN	.327	.364	.396	.624	.427
WN	.256	.486	.361	.538	.410
Mean	.319	.416	.346	.540	.405
Station 04					
FN	.830	.746	.852	.577	.760
EN	1.060	.825	.925	.782	.898
SN	.743	.865	.846	.934	.851
WN	.817	.714	.688	1.090	1.071
Mean	.817	.799	.830	1.070	.879
Station 21					.791
Station 22					.737
Station 23					.720
Station 24					.882
Grand Mean	.638	.653	.631	.754	.726

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
E	9.975	9.990	9.380	8.450	9.890
N	12.430	9.510	10.670	11.350	10.990
S	10.990	11.120	8.570	12.330	10.752
W	10.100	11.280	10.030	10.280	10.425
Mean	10.861	10.475	9.662	10.602	10.400
Station 02					
E	6.220	10.450	6.680	9.250	7.935
N	7.610	12.080	8.780	9.700	9.542
S	10.240	10.050	10.450	10.410	10.297
W	10.410	8.760	12.640	12.750	11.140
Mean	8.630	10.335	9.637	10.527	9.782
Station 03					
E	6.005	5.980	5.980	4.450	5.648
N	4.310	5.030	4.760	10.450	6.137
S	5.430	6.480	6.690	6.820	6.355
W	3.920	6.180	5.910	8.480	6.122
Mean	4.916	5.917	5.835	7.550	6.054
Station 04					
E	12.650	8.140	10.030	9.640	10.396
N	12.960	9.610	11.490	9.400	10.865
S	10.550	11.350	9.820	9.980	11.275
W	10.540	8.240	7.930	10.870	9.395
Mean	12.925	9.335	9.817	9.972	10.512
Station 21					12.355
Station 22					8.900
Station 23					9.200
Station 24					9.910
Grand Mean	9.333	9.015	8.737	9.662	9.639



Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
F	23.185	13.950	12.760	11.070	16.123
N	23.500	13.380	11.940	16.890	16.927
S	23.170	14.000	11.000	15.500	16.917
M	19.600	14.000	12.500	14.410	15.127
Mean	23.113	13.832	12.300	14.967	16.053
Station 02					
F	8.225	8.000	7.090	8.230	7.923
N	10.040	8.230	8.000	8.640	8.737
S	9.880	10.630	11.500	11.110	10.780
M	8.640	12.990	14.470	12.000	12.025
Mean	9.196	9.962	10.265	9.995	9.854
Station 03					
F	7.000	7.750	6.640	7.090	7.106
N	7.680	8.500	8.730	7.500	8.602
S	7.000	8.000	8.500	19.890	8.747
M	7.530	7.680	5.150	7.820	7.095
Mean	7.302	6.982	5.605	10.475	7.641
Station 04					
F	30.125	18.160	16.500	19.760	22.579
N	17.500	17.000	22.440	15.000	17.985
S	13.170	20.670	18.000	21.520	18.347
M	14.450	17.720	17.720	17.520	18.155
Mean	20.311	18.367	19.165	18.590	20.563
Station 21					12.335
Station 22					14.170
Station 23					17.935
Station 24					21.260
Grand Mean	16.480	12.290	11.883	13.456	14.976

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
11.500	7.000	9.100	4.300	8.366	
9.800	8.900	11.000	7.200	9.225	
13.200	9.200	11.800	13.300	11.875	
8.500	6.700	8.700	7.100	7.200	
Mean	10.700	7.950	9.650	7.975	9.068
Station 02					
8.100	7.900	4.800	4.500	6.522	
5.100	15.000	6.900	7.700	7.925	
6.400	5.600	8.700	25.400	11.525	
3.000	6.000	7.100	13.600	7.425	
Mean	5.650	7.875	6.875	12.800	8.300
Station 03					
5.300	4.800	3.400	3.100	4.277	
29.900	2.900	3.300	7.900	11.000	
5.600	4.700	5.300	8.100	5.925	
Mean	10.200	4.625	4.025	13.100	5.625
Station 04					
8.750	8.800	11.300	10.900	9.805	
9.000	10.600	11.500	8.600	9.925	
13.400	10.800	14.500	12.800	12.300	
8.400	12.500	9.100	12.700	11.925	
Mean	9.687	11.175	11.025	12.000	11.021
Station 21					9.400
Station 22					6.800
Station 23					11.550
Station 24					7.500
Grand Mean	9.109	7.906	7.893	10.206	8.795

Transect	Distance				Mean
	0100	0500	1000	2000	
Station 01					
E	68.550	35.200	47.200	32.700	48.427
N	48.700	51.600	41.600	48.300	47.550
S	80.600	42.100	31.000	42.700	49.100
W	42.300	39.400	37.900	43.100	40.675
Mean	40.037	42.075	39.425	41.700	45.809
Station 02					
E	19.700	25.000	19.200	25.700	22.100
N	21.500	30.800	21.400	27.500	25.400
S	30.300	26.800	33.100	30.800	30.250
W	28.200	29.100	34.900	33.600	31.450
Mean	24.925	27.925	27.150	29.400	27.350
Station 03					
E	18.600	20.000	20.000	19.200	19.355
N	19.500	18.600	16.400	28.000	19.625
S	19.700	18.200	19.400	32.000	25.325
W	18.200	25.000	21.600	25.700	25.625
Mean	19.000	20.450	19.350	25.225	21.006
Station 04					
E	93.400	31.800	35.500	35.900	54.066
N	41.300	33.600	45.400	33.600	38.475
S	48.200	43.000	34.600	41.600	41.850
W	49.000	33.900	30.200	37.000	30.825
Mean	70.475	35.575	36.425	37.025	44.875
Station 21					40.250
Station 22					33.700
Station 23					34.300
Station 24					37.200
Grand Mean	43.609	31.506	30.587	33.337	35.561

## Trace Metals in Surficial Sediments - Second Cruise

	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
Station 05									
0100	.217	5.630	5.254	.437	7.840	5.230	23.400	103.400	4.600
0500	.356	5.510	8.780	.494	8.970	12.590	42.300	86.800	7.500
1000	.430	5.010	13.423	.775	15.330	11.170	42.400	83.800	44.300
2000	.789	5.880	17.411	.583	12.530	13.600	42.400	123.800	9.600
Station 06									
0100	.500	15.750	15.213	.865	15.020	29.290	78.500	18.400	11.900
0500	.400	16.160	15.586	.851	15.230	29.540	65.000		14.400
1000	.524	13.760	16.526	.852	11.950	30.340	68.400		13.200
2000	.532	15.390	14.856	.897	11.760	24.260	50.600	52.200	9.800
Station 07									
0100	.316	18.700	14.318	.808	13.790	97.800	61.800	98.800	12.900
0500	.253	13.060	13.572	.799	14.510	27.310	52.700	62.000	12.100
1000	.330	15.230	12.678	.818	15.430	27.310	54.700	48.200	11.200
2000	.373	13.040	12.098	.808	10.600	22.170	45.800	60.800	15.200
Station 08									
0100	.412	9.170	11.614	.722	9.640	16.940	46.800	79.200	7.800
0500	.312	9.430	14.169	.577	13.480	15.140	49.900	46.600	10.200
1000	.374	6.910	13.132	.500	9.060	17.530	49.100	60.900	10.700
2000	.235	11.140	12.827	.832	14.200	16.680	49.200	37.200	17.900
Station 09									
0100	.388	9.430	11.338	.762	9.750	13.600	44.400		13.400
0500	.397	9.390	13.206	.571	10.410	24.070	48.500	89.400	20.600
1000	.378	12.510	11.891	.828	11.230	21.130	42.900	15.400	19.600
2000	.415	13.890	13.412	.955	13.460	23.640	47.500		14.500
Station 10									
0100	.746	11.270	19.357	1.100	15.050	11.290	43.400		15.600
0500	.604	8.650	13.688	.890	13.030	6.690	33.300		10.800
1000	.366	8.830	11.214	.583	8.870	9.160	37.100	60.600	7.500
2000	.368	8.190	9.918	.747	12.350	9.180	40.100		12.600
Station 11									
0100	.575	6.480	44.856	.410	7.520	51.010	82.500	149.800	5.200
0500	.201	7.360	7.010	.602	11.110	6.950	32.500		6.500
1000	.418	5.610	10.550	.571	8.870	7.320	31.300	35.200	6.100
2000	.273	8.810	12.827	.745	14.710	10.430	42.000	13.600	9.200
Station 12									
0100	.528	7.770	19.330	.723	13.300	16.220	48.000	118.200	11.300
0500	.550	8.580	15.486	.808	11.760	9.200	35.200	55.000	13.200
1000	.536	6.800	17.411	.605	10.800	14.130	35.700	75.000	9.500
2000	.384	5.670	12.247	.514	10.030	10.200	36.300	72.800	7.700

## Trace Metals in Surficial Sediments - Second Cruise

Station 13									
0100	.599	12.910	13.827	.788	9.320	21.330	65.100	25.800	8.100
0500	.584	15.000	14.725	.889	12.080	24.260	57.100	32.400	2.300
1000	.599	16.180	15.555	.925	12.720	27.190	56.900	60.400	13.900
2000	.430	16.370	15.511	.949	15.330	30.040	66.000	51.800	11.600
Station 14									
0100	.920	12.520	13.427	.587	10.030	44.730	167.300	240.800	7.000
0500	.273	9.300	7.259	.696	8.690	13.390	36.200	49.200	8.400
1000	.117	10.470	7.308	.790	11.830	17.130	44.400	102.400	18.800
2000	.193	9.560	7.466	.722	9.850	10.670	34.700	79.400	11.800
Station 15									
0100	.323	13.680	9.695	.724	14.820	46.170	65.400	93.800	11.100
0500	.298	14.200	8.651	.846	13.990	42.450	71.000	493.400	12.500
1000	.225	8.640	7.378	.555	11.380	22.500	43.000	115.800	10.400
2000	.268	10.090	6.499	.716	11.760	12.340	31.100	57.200	12.900
Station 16									
0100	.495	10.550	7.881	.696	8.900	19.450	50.400	179.800	13.400
0500	.281	8.100	8.853	.510	8.190	23.020	44.500	57.400	10.600
1000	.217	11.040	8.278	.771	11.520	17.870	44.700	55.000	10.300
2000	.402	13.990	7.457	.724	11.420	20.110	71.400	50.600	19.800
Station 17									
0100	.892	13.110	12.690	.583	9.250	136.020	192.900	285.400	9.600
0500	.236	14.460	7.805	.712	11.730	59.330	64.600	193.400	12.100
1000	.173	14.770	7.457	.775	13.690	41.700	60.700	99.600	11.100
2000	.201	10.740	6.153	.747	10.070	17.360	33.800	114.200	10.400
Station 18									
0100	.251	7.770	11.288	.703	10.600	14.650	50.300	88.800	8.200
0500	.300	9.700	7.536	.711	9.110	11.500	13.700	87.600	9.200
1000	.178	6.800	7.820	.478	7.520	15.700	40.900	86.200	9.000
2000	.144	9.360	6.582	.656	9.560	14.740	30.800	45.800	9.400
Station 19									
0100	.023	2.700	1.033	.185	4.820	2.090	19.300		1.400
0500	.008	3.240	.910	.253	5.650	2.110	16.300		2.100
1000	.041	3.470	.830	.259	5.510	2.000	14.500		2.400
2000	.014	2.320	1.107	.151	4.430	2.090	17.500		3.200
Station 20									
0100	.273	8.580	8.682	.704	11.520	10.000	34.400		8.200
0500	.155	7.320	4.761	.505	9.230	7.900	31.200	97.800	8.500
1000	.206	6.880	6.499	.625	7.950	5.230	29.400	42.000	6.900
2000	.232	6.260	9.739	.535	8.290	12.030	29.500	56.000	8.200

**TRACE METALS IN DOWNCORE SEDIMENTS**

DOWNCORE SEDIMENTS - TRACE METALS

PAGE 1 mm/dd/yy

Sample Label	Core Seg cm	Cadmium ug/g	Chromium ug/g	Copper ug/g	Iron %	Nickel ug/g	Lead ug/g	Zinc ug/g
780501PN05002B3	0.0-10.0	.386	14.2	14.8	1.50	13.5	10.6	43.9
780501PN05002B3	10.0-20.0	.392	13.8	16.7	1.54	15.0	13.1	46.4
780501PN05002B3	20.0-30.0	.390	13.8	16.6	1.18	15.0	12.6	44.9
780501PN05002B3	30.0-40.0	.421	11.9	16.9	1.23	14.3	12.1	41.4
780501PN05002B3	40.0-50.0	.415	13.5	17.6	1.50	15.2	13.5	46.9
780502PN05002B3	0.0-10.0	.436	8.2	14.6	1.03	14.1	11.1	37.9
780502PN05002B3	10.0-13.5	.459	8.6	14.2	1.06	14.5	10.1	40.4
780502PN05002B3	13.5-16.0	.457	8.2	13.8	1.05	13.7	9.7	39.4
780502PN05002B3	16.0-20.0	.449	8.0	14.1	1.02	13.9	8.7	38.4
780503PN05002B3	0.0-10.0	.554	15.7	18.0	2.07	17.1	12.6	50.8
780503PN05002B3	10.0-20.0	.644	15.4	19.8	1.05	18.4	13.5	54.3
780503PN05002B3	20.0-30.0	.709	15.6	22.0	1.65	18.6	13.5	51.3
780503PN05002B3	30.0-40.0	.696	14.9	22.2	1.47	19.0	13.5	53.3
780503PN05002B3	40.0-50.0	.686	15.7	22.7	1.28	19.7	13.1	56.8
780504PN05002B3	0.0-10.0	.411	10.7	16.8	1.24	15.0	11.6	49.4
780504PN05002B3	10.0-12.0	.388	13.5	18.1	1.72	15.6	11.6	51.8
780504PN05002B3	12.0-14.0	.395	11.4	18.1	1.39	17.1	14.5	53.8
780504PN05002B3	14.0-22.0	.464	10.8	18.1	1.17	18.0	13.5	55.3
780521C 2B3	0.0-10.0	.561	10.1	18.5	1.19	15.0	13.5	46.4
780521C 2B3	10.0-20.0	.557	10.4	18.9	1.45	16.1	12.6	49.9
780521C 2B3	20.0-30.0	.535	9.5	18.9	1.23	15.2	13.5	48.9
780521C 2B3	30.0-40.0	.561	10.6	19.6	1.66	16.3	14.0	49.4
780521C 2B3	40.0-50.0	.605	9.7	19.8	1.63	14.8	14.0	47.4
780522C 2B3	0.0-10.0	.391	8.8	12.1	.93	12.3	9.7	39.9
780522C 2B3	10.0-20.0	.650	10.1	17.3	1.08	15.2	11.6	47.4
780522C 2B3	20.0-30.0	.641	8.6	16.6	.98	15.4	9.2	45.4
780522C 2B3	30.0-40.0	.632	7.4	11.7	.84	13.7	9.2	38.4
780522C 2B3	40.0-50.0	.623	9.7	16.6	1.59	15.3	12.6	44.9
780523C 2B3	0.0-10.0	.327	14.9	14.9	.54	14.5	14.0	48.4
780523C 2B3	10.0-20.0	.271	11.1	14.9	1.26	12.8	12.6	43.4
780523C 2B3	20.0-30.0	.260	11.7	15.4	1.30	13.6	12.6	47.4
780523C 2B3	30.0-40.0	.260	11.9	15.0	1.31	14.7	13.1	46.9

**TRACE METALS IN PELAGIC FISH**



CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Lutjanus griseus

Tissue: F

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
04P	5	.349	.200*	.580	14.200	.381*	.110*	11.290	.000	.000
Number		1	0	1	1	0	0	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Lutjanus griseus

Tissue: G

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
04P	5	.395	.618	7.521	684.500	2.630	.272*	96.630	.000	.000
Number		1	1	1	1	1	0	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Lutjanus griseus

Tissue: L

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
04P	5	3.313	.637	69.060	3247.400	.251*	1.340	241.370	.000	10.500
Number		1	1	1	1	0	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

Species: Lutjanus campechanus

Tissue: F

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	5	.106	.200*	.500*	8.500	1.386	.130	16.800	.000	.000
Number		1	0	0	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: *Lutjanus campechanus*

Tissue: G

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	5	.251	.825	4.301	483.400	3.145	.453	105.750	.000	.000
Number		1	1	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
( $\mu\text{g}/\text{gm}$ , dry wt.)

Cruise: 7805

Species: *Lutjanus campechanus*

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	5	.908	.637	10.060	320.200	2.284	.260*	78.860	.000	.600
Number		1	1	1	1	1	0	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Lutjanus campechanus

Tissue: S

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	S	.138	.315	1.830	14.770	.297*	1.106	50.680		.000
Number		1	1	1	1	0	1	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

DATE OF ANALYSIS

Species: Chaetodipterus faber

Tissue: F

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	S	.251	.200*	1.360	8.600	.601	.250	19.240	.000	.000
02P	S	.042	.290	1.330	12.600	.591	.110*	17.150	.000	.000
03P	S	.074	.200*	1.100	16.700	.581	.110	20.300	.000	.000
04P	S	.205	.200*	1.360	15.200	.414	1.420	20.320	.000	.000
Number		4	1	4	4	4	3	4	4	4
Minimum		.042		1.100	8.600	.414	.110	17.150	.000	.000
Maximum		.251		1.360	16.700	.601	1.420	20.320	.000	.000
Average		.143		1.288	13.275	.547	.563	19.253	.000	.000
Std.Dev.		.101		.126	3.547	.089	.719	1.490	.000	.000
Rel.S.D.		70.476		9.771	26.721	16.255	121.235	7.738	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Chaetodiaterus faber

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
02P	5	1.507	1.998	3.991	255.100	1.031	.272*	54.800	.000	.190
Number		1	1	1	1	1	0	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
( $\mu\text{g}/\text{gm}$ , dry wt.)

Cruise: 7805

Species: Chaetodipterus faber

Platform	Ind.	Tissue: L								
		Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
01P	5	1.604	.381	6.020	867.100	.883	.260*	66.810	.000	.749
02P	5	1.412	.561	14.980	5424.600	1.244	.400	127.240	.000	16.800
03P	5	25.085	.637	14.750	3964.800	.842	.260*	102.760	.000	4.100
04P	5	23.390	.701	16.110	3252.000	.801	.520	126.840	.000	3.460
Number		4	4	4	4	4	2	4	3	4
Minimum		1.412	.381	6.020	867.100	.801	.400	66.810	.000	.749
Maximum		25.390	.701	16.110	5424.600	1.244	.520	127.240	.000	16.800
Average		14.375	.570	12.965	3377.150	.943	.460	105.912	.000	6.277
Std.Dev.		14.961	.138	4.668	1902.062	.204	.085	28.471	.000	7.164
Rel.S.D.		104.076	24.278	36.005	56.322	21.620	18.446	26.881	21000000	114.126

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Chaetodipterus faber

Tissue: S

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	5	.294	.418	4.100	72.330	2.111	.808	129.160		
02P	5									.190
03P	5	.424	.186*	3.190	72.300	2.731	2.267	89.200		
04P	5	.807	.522	5.240	45.360	.745	.230	79.840		
Number		3	2	3	3	3	3	3	0	1
Minimum		.294	.418	3.190	45.360	.745	.230	79.840		
Maximum		.807	.522	5.240	72.330	2.731	2.267	129.160		
Average		.508	.470	4.177	63.330	1.862	1.102	99.400		
Std.Dev.		.267	.074	1.027	15.562	1.016	1.050	26.194		
Rel.S.D.		52.465	15.647	24.593	24.574	54.560	95.289	26.352		

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Paranthias furcifer*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
15S	5	.011*	.200*	.920	12.600	1.914	.110*	13.840		
17S	6	.022	.200*	.690	15.200	1.541	.110*	15.520		.000
Number		1	0	2	2	2	0	2	0	1
Minimum				.690	12.600	1.541		13.840		
Maximum				.920	15.200	1.914		15.520		
Average				.805	13.900	1.728		14.680		
Std.Dev.				.163	1.838	.443		1.188		
Rel.S.D.				20.203	13.226	36.119		8.092		

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 780A

Species: *Paranthias furcifer*

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
15S	5	11.892	.254	28.790	1244.400	.251*	.520	362.500	.000	
17S	6	17.674	.255	131.470	1284.400	.251*	.890	114.760	.000	1.580
Number		2	2	2	2	0	2	2	2	1
Minimum		11.892	.254	28.790	1244.400		.520	114.760	.000	
Maximum		17.674	.255	131.470	1284.400		.890	362.500	.000	
Average		14.783	.255	80.130	1264.400		.705	238.630	.000	
Std.Dev.		4.088	.001	72.606	28.284		.262	175.179	.000	
Rel.S.D.		27.657	.278	90.610	2.237		37.111	73.410	?1000000	

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Paranthias furcifer*

Tissue: GONADS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
158	5	.331	.261	3.420	63.750	2.980	.567	61.060		.000
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Coryphaena hippurus*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Re	V
t5S	5	.075	.200*	1.380	21.200	1.229	.110*	16.600		.000
Number		1	0	1	1	1	0	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Coryphaena hippurus

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
15S	5	.816	.824	3.222	402.500	1.306	.272*	90.550	.000	.000
Number		1	1	1	1	1	0	1	1	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
( $\mu\text{g}/\text{gm}$ , dry wt.)

Cruise: 7808

Species: *Coryphaena hippurus*

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
158	5	2.032	.191	49.640	274.600	.251*	.260*	107.580	.000	.000
Number		1	1	1	1	0	0	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Lutjanus campechanus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	S	.011*	1.510	.500*	28.500	.469	.110*	10.140	.000	.000
04P	S	.166	.848	.710	27.000	.381*	.340	11.320	.000	.000
07S	S	.011*	.200*	.500*	12.000	.381*	.110*	12.390		.000
Number		1	2	1	3	1	1	3	2	2
Minimum			.848		12.000			10.140	.000	.000
Maximum			1.510		28.500			12.390	.000	.000
Average			1.179		22.500			11.283	.000	.000
Std.Dev.			.468		9.124			1.125	.000	.000
Rel.S.D.			39.704		40.552			9.974	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/nm, dry wt.)

Cruise: 7808

Species: *Lutjanus campechanus*

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Hg	V
03P	5	1.313	3.130	6.443	442.600	1.223	.272*	84.500	.000	.000
04P	5	.696	2.636	4.295	462.700	1.223	.272*	93.550	.000	.000
07S	5	1.763	1.071	13.963	643.900	1.720	.272*	156.960	.000	.000
Number		3	3	3	3	3	0	3	3	3
Minimum		.696	1.071	4.295	442.600	1.223		84.500	.000	.000
Maximum		1.763	3.130	13.963	643.900	1.720		156.960	.000	.000
Average		1.257	2.279	8.234	516.400	1.389		111.670	.000	.000
Std.Dev.		.536	1.075	5.077	110.875	.287		39.482	.000	.000
Rel.S.D.		42.604	47.166	61.657	21.471	20.663		35.356	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Lutjanus campechanus

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	5	.636	.255	6.040	222.400	.291	.290	62.180	.000	.601
04P	5	.743	.181*	8.060	222.400	.251*	.350	71.840	.000	.000
07S	5	.641	.181*	6.690	127.100	.251*	.260*	57.220		
Number		3	1	3	3	1	2	3	2	2
Minimum		.636		6.040	127.100		.290	57.220	.000	.000
Maximum		.743		8.060	222.400		.350	71.840	.000	.601
Average		.675		6.930	186.333		.320	63.747	.000	.300
Std. Dev.		.060		1.031	51.701		.042	7.435	.000	.425
Rel.S.D.		8.968		14.880	27.747		13.258	11.663	?1000000	141.421

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Lutjanus campechanus*

Tissue: GONADS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03P	5	.053	.277	1.210	9.470	.297*	.142	13.600		.000
04P	5	.046*	.186*	.860	8.300	.297*	.225	5.380*		.000
07S	5	.046*	.186*	1.100	8.330	.297*	.182	5.380*		.000
Number		1	1	3	3	0	3	1	0	3
Minimum				.860	8.300		.142			.000
Maximum				1.210	9.470		.225			.000
Average				1.057	8.700		.183			.000
Std. Dev.				.179	.667		.042			.000
Rel.S.D.				16.938	7.667		22.683			21000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Archosargus probatocephalus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	SUNUNUNUN	.048	1.693	.840	35.700	1.139	.110*	18.080	.000	.000
05S		.011*	.200*	.790	14.000	2.327	.110*	14.700		.000
08S		.011*	.200*	1.670	12.400	.836	.110*	14.900		.000
10S		.011*	.398	2.790	15.800	.914	.110*	14.050		.000
11S		.057	.439	2.180	12.500	.993	.110	12.380		
12S		.011*	.520	1.150	17.400	1.381*	.110*	16.450		.000
14S		.011*	2.026	1.600	28.600	1.777	.110*	13.450	.000	.000
18S		.011*	1.480	.570	13.400	.523	.110*	9.250	.000	.000
19S		.051	1.698	1.030	13.300	.913	.210	11.520	.000	.000
20S		.011*	.200*	.690	22.600	1.934	.190	15.120	.000	
Number		3	7	10	10	9	3	10	5	8
Minimum		.048	.398	.570	12.400	.523	.110	9.230	.000	.000
Maximum		.057	2.026	2.180	35.700	2.327	.210	18.080	.000	.000
Average		.052	1.036	1.131	20.570	1.262	.170	13.936	.000	.000
Std.Dev.		.005	.729	.522	8.937	.603	.053	2.509	.000	.000
Rel.S.D.		8.813	70.350	46.112	43.447	47.791	31.126	18.006	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/qm, dry wt.)

Cruise: 7808

Species: *Anchosargus probatocephalus*

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Hg	V
01P	S	.125*	1.028	21.451	381.800	1.717	.272*	147.700	.000	.600
05S		.409	1.112	26.835	502.800	4.032	.608	129.720	.000	
08S		.510	1.031	65.570	664.600	1.473	.272*	157.090	139.200	
10S		.338	.866	7.529	302.300	2.964	.902	139.040	.000	.000
11S		.125*	1.110	4.288	261.100	2.954	1.502	144.600	.000	1.900
12S		.125*	2.679	9.672	281.900	3.706	.272*	144.970	.000	1.050
14S		.136	.659	3.222	201.200	1.885	.803	135.830	.000	
18S		.136	1.318	16.108	501.500	3.124	.433	172.070	.000	.000
19S		.151	12.981	9.670	581.800	20.142	.648	181.180	.000	.000
20S	S	.379	1.232	7.496	381.200	1.220	.272*	84.260	.000	.000
Number		7	10	10	10	10	6	10	10	7
Minimum		.136	12.659	3.222	201.200	1.220	1.433	84.260	.000	.000
Maximum		.510	12.981	65.570	664.600	20.742	1.502	181.180	139.200	1.900
Average		.305	2.402	17.184	376.190	4.382	.816	143.641	13.920	.507
Std.Dev.		.142	3.757	18.604	160.280	5.828	.373	26.282	44.019	.738
Rel.S.D.		46.374	156.437	108.262	42.606	133.001	45.734	18.297	316.228	145.616

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Archosargus probatocephalus

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
01P	S	.762	.508	179.290	1055.000	.332	.260*	429.220	.000	.000
05S	S	.977	.700	116.020	1850.600	1.285	.400	389.610	.000	.000
08S	S	1.158	.181*	3.210	539.300	1.251*	.380	22.860*	.000	.600
10S	S	1.506	.510	192.030	1890.700	1.251*	5.320	440.820	.000	.000
11S	S	2.313	.510	285.910	1511.900	.926	5.820	490.400	.000	.000
12S	S	2.541	.382	256.330	1851.800	.588	.500	530.960	.000	.000
14S	S	2.135	.381	123.220	1282.300	.616	.700	274.500	.000	.000
18S	S	2.553	.763	198.340	1438.000	1.251*	.260*	219.010	.000	2.150
19S	S	1.835	.764	170.400	2342.600	1.251*	.260*	535.640	.000	6.760
20S	S	1.635	.181*	159.450	943.300	1.251*	1.110	410.720	.000	4.900
Number		10	8	10	10	5	7	9	7	5
Minimum		.158	.381	3.210	539.300	.332	.380	274.500	.000	.000
Maximum		2.553	.764	285.910	2342.600	1.285	5.820	535.640	.000	6.760
Average		1.642	.565	168.420	1470.150	.749	2.033	424.542	.000	2.882
Std.Dev.		.803	.158	78.366	535.741	.366	2.433	88.989	.000	2.879
Rel.S.D.		48.930	27.891	46.530	36.441	48.853	119.695	20.961	7100000	99.905

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Archosargus probatocephalus*

Tissue: GONADS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ha	V
05S	S	.046*	.280	2.670	89.170	.297*	1.781	11.460		6.090
08S	S	.046*	.186*	1.480	9.120	.297*	.189	5.380*		.000
10S	S	.139	.186*	2.530	26.660	.297*	.127	11.350		.000
11S	S	.046*	1.819	.800	11.890	.297*	.158	7.550		.070
14S	S	.046*	.186*	1.060	8.200*	.297*	.160	6.560		.050
18S	S	.046*	.186*	.860	8.200*	.297*	.147	7.760		.000
19S	S	.046*	1.161	.770	16.000	.297*	.127	6.810		.000
Number		1	3	7	5	0	7	6	0	7
Minimum			.280	.770	9.120		.127	6.560		.000
Maximum			1.819	2.670	89.170		1.781	11.460		6.090
Average			1.087	1.453	30.568		.384	8.532		.887
Std.Dev.			.772	.821	33.431		.616	2.263		2.294
Rel.S.D.			71.060	56.485	109.367		160.442	26.526		258.631

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Micropogon undulatus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
07S	5	.022	.785	5.680	22.100	2.844	.110*	11.340		1.450
09S	5	.022	.704	5.200	22.000	2.873	.560	22.030		.000
Number		2	2	2	2	2	1	2	0	2
Minimum		.022	.704	5.200	22.000	2.844		11.340		.000
Maximum		.022	.785	5.680	22.100	2.873		22.030		1.450
Average		.022	.745	5.440	22.050	1.658		16.685		.725
Std.Dev.		.000	.057	1.196	.071	1.718		1.559		1.025
Rel.S.D.		.000	7.693	108.712	.321	103.561		45.304		141.421

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Micropogon undulatus

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
07S	5	.768	1.071	5.369	643.800	1.719	1.212	90.540		.000
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Micropogon undulatus

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
07S	5	2.297	.444	10.030	1355.300		.260*	97.690	.000	.600
09S	5	.614	.181*	13.760	549.800	1.019	2.310	102.620		.616
Number		2	1	2	2	1	1	2	1	2
Minimum		.514		10.030	549.800			97.690		.600
Maximum		2.297		13.760	1355.300			102.620		.616
Average		1.456		11.895	952.550			100.155		.608
Std.Dev.		1.190		2.638	569.575			3.486		.011
Rel.S.D.		81.763		22.173	59.795			3.481		1.861

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN PELAGIC FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Micropogon undulatus

Tissue: GONADS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
09S	5	.306	.209	5.690	104.100	.744	.599	136.070	0	.000
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

## Species: Chaetodipterus faher

## Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ha	V
01P	S	.024	3.121	1.490	34.200	.381*	.110*	11.310		.200
02P	S	.019	.200*	.840	20.800	1.250	.440	18.080	.000	.000
03P	S	.119	.266	.970	12.600	.381*	.260	20.260	.000	.000
04P	S	.034	1.648	1.870	18.800	.381*	.370	18.080	.000	.000
06S	S	.011*	.200*	.790	10.100	2.091	.110*	17.420		.000
08S	S	.022	.500*	.790	20.700	.381*	.110*	15.760		.000
10S	S	.011*	.200*	1.120	14.800	.381*	.110*	17.220		.000
11S	S	.066	.200*	.920	20.100	.381*	.110*	17.220		.000
12S	S	.034	.200*	.920	18.100	1.229	.160	13.860		.000
13S	S	.043	.200*	.760	13.800	.374	.110*	15.030		.000
14S	S	.016	.200*	.920	13.900	.381*	.110*	17.010		.000
18S	S	.158	.200*	.920	16.200	2.324	.110*	21.400		.000
19S	S	.063	2.209	1.830	42.800	1.620	.110*	18.890	.000	.350
20S	S	.039	1.089	1.150	17.900	1.462	.110*	15.940	.000	.000
Number		12	5	14	14	8	4	14	5	12
Minimum		.016	.266	.760	10.100	.523	.160	11.310	.000	.000
Maximum		.158	3.121	1.870	42.800	2.324	.440	21.400	.000	.350
Average		.053	1.667	1.092	19.629	1.384	.308	16.678	.000	.046
Std.Dev.		.044	1.085	.372	8.771	.642	.123	2.741	.000	.112
Rel.S.D.		82.301	65.077	34.088	44.684	46.379	40.039	16.434	21000000	243.750

Note: Values marked with an asterisk are not included in descriptive statistics.

## Species: Chaetodipterus faber

## Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
01P	5	.73R	2.222	7.509	462.300	.809	.272*	81.400	.000	.000
02P	5	.237	.741	8.591	362.100	3.372	.272*	90.540	.000	.000
03P	5	.777	1.030	8.594	563.600	1.803	.272*	102.650	.000	.000
04P	5	.480	1.440	11.803	502.800	.809	.272*	90.460	.000	.000
05S	1									.000
06S	5									.400
07S	5	.125*	.65R	10.728	502.500	1.635	.272*	99.490	.000	.000
10S	5	.125*	.617	7.512	321.700	.810	.272*	72.380	.000	.000
11S	5	.136	.990	2.149	322.000	.341*	.272*	60.380	.000	.000
12S	5	.623	.493	6.429	74.300	.808	.272*	87.330	.000	.000
14S	5	.395	14.529	13.991	1633.200	199.870	.272*	123.760	.000	.000
19S	12	.125*	3.382	6.452	402.900	.341*	.272*	84.620	.000	.000
20S	5	.136	.783	7.517	402.600	2.133	.272*	99.590	.000	.800
Number		8	11	11	11	9	0	11	10	11
Minimum		.136	.493	2.149	74.300	.808		60.380	.000	.000
Maximum		.777	14.529	13.991	1633.200	199.870		123.760	.000	.800
Average		.440	2.444	8.298	511.818	23.561		90.236	.000	.109
Std.Dev.		.25R	4.100	3.120	395.771	66.121		16.672	.000	.259
Rel.S.D.		58.577	167.747	37.599	77.326	280.639		18.476	?1000000	237.112

Note: Values marked with an asterisk are not included in descriptive statistics.

Species: Chaetodipterus faber

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
01P	5	1.841	.380	6.010	827.400	.459	.420	54.750	.000	.847
02P		2.039	.678	9.390	1284.400	.291	.260*	76.500	.000	1.850
03P		1.807	.255	6.720	416.200	.251*	1.110	38.970	.000	.450
04P		2.818	.382	12.060	1018.700	.459	.460	76.410	.000	1.100
06S		1.916	.181*	4.040	268.800	.251*	.260*	32.880*	.000	.000
08S		1.142	.181*	148.700	943.100	.251*	.260*	372.440	.000	.000
10S		1.415	.181*	8.020	226.200	.251*	.260*	32.370	.000	.200
11S		2.132	.382	10.770	1064.500	.459	.510	51.780	.000	1.910
12S		2.052	.181*	6.370	752.500	.251*	.260*	31.370	.000	.400
13S		1.226	.382	2.640	675.400	.251*	.400	44.740	.000	.000
14S		7.493	.181*	2.580*	143.600	.251*	.260*	22.860*	.000	.000
18S		10.516	.181*	10.750	719.200	.251*	.260*	67.080	.000	1.650
19S	1	1.060	.181*	14.070	943.600	.251*	.260*	89.670	.000	.000
20S	5	6.300	.181*	8.020	753.000	.251*	.450	41.550	.000	.600
Number		14	6	13	14	3	6	12	9	12
Minimum		1.060	.255	4.020	143.600	.260	.400	21.370	.000	.000
Maximum		14.133	.678	148.700	1284.400	.459	1.110	372.440	.000	1.910
Average		4.007	.388	18.889	719.886	.337	.578	80.803	.000	.751
Std. Dev.		4.256	.180	4.131	341.007	1.07	.273	93.980	.000	.721
Rel.S.D.		101.235	38.526	207.162	47.568	31.803	48.872	116.308	7100000	96.094

Note: Values marked with an asterisk are not included in descriptive statistics.



Species: Chaetodipterus faber

Platform	Ind.	Tissue: GONADS								Ba	V
		Cd	Cr	Cu	Fe	Ni	Pb	Zn			
01P	5										
06S	5	.378	.207	4.520	50.710	1.231	.478	79.180			.200
08S	5	.195	.186	4.320	50.220	2.993	.390	61.010			
13S	5	.111	.314	3.650	212.550	2.364	.231	16.470			.000
18S	5	1.413	.471	6.610	109.020	1.119	.150	84.640			
Number		4	4	4	4	4	4	4	0		2
Minimum		.111	.186	3.650	50.220	2.993	.150	16.470			.000
Maximum		1.413	.471	6.610	212.550	2.364	.478	84.640			.200
Average		.524	.294	4.775	106.625	1.427	.312	60.325			.100
Std. Dev.		.603	.130	1.279	75.504	.632	.149	30.933			.141
Rel.S.D.		115.001	44.256	26.778	70.813	44.321	47.661	51.276			141.421

Note: Values marked with an asterisk are not included in descriptive statistics.

**TRACE METALS IN DEMERSAL FISH**

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: *Arius felis*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
21C	5	.011*	.200*	2.640	38.700	.748	.510	76.710	.000	.000
Number		0	0	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: Archosargus probatocephalus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01PN0500	5	.011*	.200*	1.130	10.000	.519	.230	15.970	.000	.000
Number		0	0	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: *Micropogon undulatus*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Be	V
02PN0500	6	.113	.200*	1.350	18.200	.469	.110*	13.520		.000
Number		1	0	1	1	1	0	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7805

Species: *Citharichthys spilopterus*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
22C	18	.011*	.200*	.500*	10.100	.381*	.110*	24.820	.000	
Number		0	0	0	1	0	0	1	1	0
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruises: 7805

Species: *Etropus crossotus*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Hg	V
22C	10	.034	1.248	1.870	46.500	.471	.190	36.180	.000	.000
Number		1	1	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Anadara ovalis

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
20SN0500	6	6.733	1.333	2.990	562.600	3.656	1.280	100.140		.000
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Anadara baughmani

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
09SN0500	5	2.570	4.747	4.860	154.600	1.693	.570	45.290		.000
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Amusium papyraceum*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
15SN0500	10	3.392	1.303	3.580	398.100	2.333	.330	79.990	74.500	1.770
17SN0500	5	9.142	2.618	7.520	2096.500	3.975	.260	292.990		2.800
Number		5	2	2	2	2	2	2	1	2
Minimum		3.392	1.303	3.580	398.100	2.333	.260	79.990		1.770
Maximum		9.142	2.618	7.520	2096.500	3.975	.330	292.990		2.800
Average		6.267	1.960	5.550	1247.300	3.154	.295	186.490		2.285
Std.Dev.		4.066	.930	2.786	1200.950	1.161	.049	150.614		.728
Rel.S.D.		64.877	47.429	50.198	96.284	36.813	16.779	80.762		31.874

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
( $\mu\text{g}/\text{cm}^2$ , dry wt.)

Cruise: 7808

Species: Pycnodonte hyotis

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03PN0500	12	19.862	7.878	59.020	4066.200	25.577	.490	561.230	.000	.300
Number		1	1	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Crassostrea virginica*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01PN0500	5	15.737	.691	75.280	187.100	6.213	.410	1609.700	.000	.000
05SN0500	5	16.056	.886	237.290	619.900	4.833	.370	3477.820		
19SN0500	12	1.989	.561	24.110	172.700	2.173	.550	529.330		
Number		3	3	3	3	3	3	3	1	1
Minimum		1.989	.561	24.110	172.700	2.173	.370	529.330		
Maximum		16.056	.886	237.290	619.900	6.213	.550	3477.820		
Average		11.261	.713	112.527	326.567	4.406	.443	1872.283		
Std.Dev.		6.031	.164	111.589	254.156	2.054	.095	1491.681		
Rel.S.D.		71.320	22.953	99.164	77.821	46.604	21.319	79.672		

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Ostrea equestris*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
10SN0500	12	2.468	2.286	130.450	146.100	4.322	1.120	1443.490		.000
11SN0500	12	2.243	1.173	122.370	106.000	4.548	.460	1258.730	.000	.000
Number		2	2	2	2	2	2	2	1	2
Minimum		2.243	1.173	122.370	106.000	4.322	.460	1258.730		.000
Maximum		2.468	2.286	130.450	146.100	4.548	1.120	1443.490		.000
Average		2.356	1.730	126.410	126.050	4.435	.790	1351.110		.000
Std.Dev.		.159	.787	5.713	28.352	.160	.467	130.645		.000
Rel.S.D.		6.754	45.505	4.520	22.495	3.603	59.075	9.669		?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
( $\mu\text{g/gm}$ , dry wt.)

Cruise: 7808

Species: *Macoma pulleyi*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Be	V
06SN0500	9	1.146	3.555	24.340	2304.200	37.354	3.010	306.660	.000	2.750
Number		1	1	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Cordata texasiana*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
04PN0500	10	1.451	1.114	29.550	642.000	15.599	1.510	117.600	151.300	.000
07SN0500	5	1.864	1.511	34.580	895.900	21.458	3.010	122.860	.000	.000
08SN0500	5	1.576	1.759	28.170	548.300	22.263	1.960	130.700	.000	.000
13SN0500	10	1.932	1.292	22.900	366.100	14.563	5.390	90.250	.000	.000
16SN0500	9	.466	1.843	16.100	576.100	10.714	1.720	76.630		.750
23C	5	1.336	.867	17.650	364.300	13.382	1.650	96.290		.750
Number		6	6	6	6	6	6	6	4	4
Minimum		.466	.799	16.100	364.300	10.714	1.510	76.630	.000	.000
Maximum		1.864	1.843	34.580	895.900	22.263	5.390	130.700	151.300	.750
Average		1.271	1.238	24.825	565.450	16.530	2.540	105.722	37.825	.375
Std.Dev.		.494	.507	7.211	197.821	4.591	1.497	21.135	75.650	.433
Rel.S.D.		39.254	32.100	29.047	34.985	28.114	58.937	19.991	200.000	115.470

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Penaeus aztecus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03PN0500	10	.011*	.200*	21.090	20.800	1.356	.140	54.010	.000	.000
04PN0500	9	.126	.500*	54.390	34.200	.693	.540	54.220	.000	.000
06SN0500	9	.158	.555	55.580	65.200	.820	.190	60.780	.000	.250
07SN0500	5	.015	.200*	33.470	16.500	.381*	.110*	48.550	.000	.150
08SN0500	6	.355	.311	33.310	9.500	.381*	.110*	62.010	.000	.000
09SN0500	3	.152	.826	21.720	119.000	.381*	.240	37.790	.000	.350
13SN0500	10	.110	.236	25.980	38.000	1.824	.110*	60.820	.000	.000
14SN0500	4	.069	.215	24.970	18.800	.338	.110*	47.040	.000	.000
15SN0500	4	.087	.200*	29.290	46.400	.768	.140	60.880	.000	.000
16SN0500	4	.093	.480	17.980	59.500	2.621	.110*	55.030	.000	.000
17SN0500	5	.175	.297	28.960	66.500	.381*	.110*	68.660	.000	.000
23C	5	.069	.337	10.700	35.200	1.227	.110	33.770	.000	.000
Number		11	8	12	12	8	6	12	9	11
Minimum		.015	.215	10.700	9.500	.693	.110	33.770	.000	.000
Maximum		.355	.826	33.310	119.000	2.621	.540	68.660	.000	.350
Average		.128	.382	23.953	46.675	1.181	.227	53.627	.000	.068
Std.Dev.		.088	.197	5.765	33.281	.629	.160	10.304	.000	.125
Rel.S.D.		69.349	51.488	24.067	71.518	53.235	70.680	19.215	2100000	183.400

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Penaeus setiferus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
058N0500	5	.113	.223	28.230	7.500	.470	.160	62.110	.000	.000
21C	5	.093	.200*	24.680	41.600	.381*	.110*	62.850		.000
Number		2	1	2	2	1	1	2	1	2
Minimum		.093		24.680	7.500			62.110		.000
Maximum		.113		28.230	41.600			62.850		.000
Average		.103		26.455	24.550			62.480		.000
Std. Dev.		.014		2.510	24.112			.523		.000
Rel.S.D.		13.730		9.489	98.217			.837		?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Callinectes sapidus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Be	V
193N0500	5	1.093	1.781	127.620	1675.200	4.362	2.700	51.060		2.900
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
( $\mu\text{g/gm}$ , dry wt.)

Cruise: 7808

Species: Callinectes similis

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
IRSN0500	16	1.240	1.008	174.740	414.000	4.988	.510	94.250		1.400
Number		1	1	1	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std. Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Squilla empusa

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
09SN0500	5	6.877	.825	80.600	32.100	2.760	.110*	100.080		.000
18SN0500	18	3.660	.460	60.220	40.500	1.934	.240	125.750		.000
Number		2	2	2	2	2	1	2	0	2
Minimum		3.660	.460	60.220	32.100	1.934		100.080		.000
Maximum		6.877	.825	80.600	40.500	2.760		125.750		.000
Average		5.268	.643	70.410	36.300	2.347		112.915		.000
Std.Dev.		3.275	.258	14.411	5.940	.584		18.151		.000
Rel.S.D.		43.177	40.170	20.467	16.363	24.866		16.075		?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Arius felis*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01PN0500	5	.011*	.200*	1.690	21.800	.381*	.230	42.580	.000	.000
19SN0500	5	.022*	.277*	1.340	26.500	2.050	.110*	40.910		.000
Number		1	1	2	2	1	1	2	1	2
Minimum				1.340	21.800			40.910		.000
Maximum				1.690	26.500			42.580		.000
Average				1.515	24.150			41.745		.000
Std.Dev.				.247	3.323			1.181		.000
Rel.S.D.				16.336	13.761			2.829		?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: <i>Centropristis philadelphicus</i>							Tissue: FLESH			
Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Hg	V
07SN0500	5	.011*	.200*	.500*	3.300*	.381*	.110*	7.920	.000	.000
09SN0500	6	.039	.200*	.500*	15.300	.626	.290	18.440	.000	.000
15SN0500	6	.034	.541	1.560	23.800	2.120	.110*	14.260		.000
Number		2	1	1	2	2	1	3	2	3
Minimum		.034			15.300	.626		7.920	.000	.000
Maximum		.039			23.800	2.120		18.440	.000	.000
Average		.036			19.550	1.373		13.540	.000	.000
Std.Dev.		.004			6.010	1.056		5.297	.000	.000
Rel.S.D.		9.686			30.744	76.942		39.120	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Diplectrum bivittatum*

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
03PN0500	10	.011*	.200*	.500*	10.400	1.338	.190	15.540		.000
Number		0	0	0	1	1	1	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Lutjanus campechanus

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ra	V
148N0500	3	.057	.317	1.450	20.200	1.054	.180	14.700	.000	.000
Number		1	1	1	1	1	1	1	1	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.



CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: Lutjanus synagris

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
18SN0500	4	.022	.256	.570	17.300	.991	.110*	18.010	0	.000
Number		1	1	1	1	1	0	1	0	1
Minimum										
Maximum										
Average										
Std.Dev.										
Rel.S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
( $\mu\text{g/gm}$ , dry wt.)

Cruise: 780A

Species: <i>Cynoscion arenarius</i>								Tissues: FLESH		Ba	V
Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn			
21C	5	.110	.200*	1.230	17.800	1.305	.180	49.040			
24C	5	.134	.200*	.900	17.500	1.911	.110*	22.280			
Number		2	0	2	2	2	1	2	0	0	
Minimum		.110		.900	17.500	1.305		22.280			
Maximum		.134		1.230	17.800	1.911		49.040			
Average		.122		1.065	17.650	1.608		35.660			
Std.Dev.		.017		.233	.212	.429		18.922			
Rel.S.D.		13.910		21.910	1.202	26.648		53.063			

Note: Values marked with an asterisk are not included in descriptive statistics.

CONCENTRATION OF TRACE METALS IN DEMERSAL FISH  
(ug/gm, dry wt.)

Cruise: 7808

Species: *Micropogon undulatus*

Platform	Ind.	Tissue: FLESH					Tissue: FLESH			
		Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
02PN0500	5	.067	.200*	1.820	13.300	1.337	.520	20.510	.000	.000
04PN0500	9	.061	.200*	1.500	21.100	.475	.400	20.540	.000	.000
05SN0500	10	.034	.200*	1.090	11.600	.381*	.250	22.470	.000	.000
06SN0500	6	.011*	.200*	1.970	14.200	.895	.160	15.170	.000	.000
08SN0500	5	.021	.200*	1.350	22.700	.707	.110*	20.200	.000	.000
13SN0500	5	.063	.317	.900	22.400	.626	.110*	15.110	.000	.000
16SN0500	4	.028	.200*	1.230	25.800	.381*	.110*	17.810	.000	.000
21C	10	.022	.358	1.450	20.700	.522	.110*	26.840	.000	.000
Number		7	2	8	8	6	4	8	5	7
Minimum		.021	.317	.900	11.600	.475	.160	15.110	.000	.000
Maximum		.067	.358	1.820	25.800	1.337	.520	26.840	.000	.000
Average		.042	.269	1.869	18.975	.760	.333	20.331	.000	.000
Std.Dev.		.021	.029	.305	5.147	.319	.159	3.423	.000	.000
Rel.S.D.		48.537	8.590	23.667	27.390	41.996	47.956	16.854	?1000000	?1000000

Note: Values marked with an asterisk are not included in descriptive statistics.

Species: Syacium papillosum

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
23C	8	.051	.200*	.790	36.900	.381*	.110	18.880		
Number		1	0	1	1	0	1	1	0	0
Minimum										
Maximum										
Average										
Std. Dev.										
Rel. S.D.										

Note: Values marked with an asterisk are not included in descriptive statistics.

**MICROBIOLOGY OF SEDIMENTS**

## KEY TO MICROBIOLOGICAL DATA BASE

Parameter	Key (Column)	Columns		Parameter	Units	
		Cruise I	Cruise II			
Microbial Population Counts	M (90)	21-30	-	Total Plate Count (Marine Agar, Shipboard)	CFU/ml sediment	
		31-40	21-30	Total Plate Count (Marine Agar, Frozen)	CFU/ml sediment	
		41-47	31-40	Oil Utilizers (Oil Agar)	CFU/ml sediment	
		50-56	1-48	Yeasts & Molds (Cooke Rose Bengal Agar)	CFU/ml sediment	
		58-62	49-56	Yeasts & Molds (Potato Dextrose Agar)	CFU/ml	
		63-68	57-62	Nitrate-reducing hydrocarbon utilizers	CFU/ml sediment	
		70-74	63-68	Sulfate-reducing hydrocarbon utilizers	CFU/ml sediment	
		75-82	69-74	Oil Agar Control Counts	CFU/ml sediment	
		83-89	75-82	Oil Agar/Marine Agar Ratio		
		Sediment Chemistry	C (90)	21-30		Ortho-Phosphate
31-40				Ammonia-Nitrogen	$\mu\text{g Atoms/Kg sediment}$	
41-50				Nitrate-Nitrogen	$\mu\text{g Atoms/Kg sediment}$	
51-57				Nitrite-Nitrogen	$\mu\text{g Atoms/Kg sediment}$	
58-67				Total Nitrogen	$\mu\text{g Atoms/Kg sediment}$	
68-77				Total Phosphorus	$\mu\text{g Atoms/Kg sediment}$	
78-87				Dry Weight	mg/ml sediment	
Microbial Processes		17		Composite Number		
		21		Incubation Time		
		31-42		TEST values		
		43-54		CONTROL values		
		55-66		1 X OIL values		
		67-78		10 X OIL values		
	<b><sup>1</sup>All NO<sub>2</sub>-N figures are artificial: all concentrations were below detectable limits.</b>					
	Process	Key (22-25)	Parameter (26-28)	Units		
Nitrification	NIT.	NH <sub>4</sub> NO <sub>3</sub> NO <sub>2</sub>	Ammonia-Nitrogen in $\text{ng} \times 10^{-1}/\text{ml sediment}$ Nitrate-Nitrogen $\mu\text{g/ml sediment}$ Nitrite-Nitrogen $\mu\text{g/ml sediment}$			
Nitrogen Fixation	NFIX	TN CO <sub>2</sub>	Total Nitrogen $\mu\text{g/ml sediment}$ CO <sub>2</sub> -C $\mu\text{g/ml sediment}$			
Dentrification	DEN.	N <sub>2</sub>	Gaseous Nitrogen $\mu\text{g/ml sediment}$			
Sulfate Reduction	SOR.	SO <sub>4</sub> or SOL RED or INS	Water Soluble Sulfur $\mu\text{g/ml sediment}$ Insoluble Sulfur $\mu\text{g/ml sediment}$			
Sulfur Oxidation	SOX.	ELS or INS	Insoluble Sulfur $\mu\text{g/ml sediment}$			
Photosynthesis	PHOTOSY or PHOTO.		Change in dissolved oxygen in 8 hours in $\mu\text{g/ml sediment}$			
Metabolic Activity	ET.ACT or M.A.		Change in dissolved oxygen in 8 hours in $\mu\text{g/ml sediment}$			
Heterotrophic Activity	HET.	CO <sub>2</sub>	CO <sub>2</sub> -C from glucose $\mu\text{g/ml sediment}$			
Phosphorus Uptake	PO <sub>4</sub> .	SOL INS	Soluble Phosphorus $\mu\text{g/ml sediment}$ Insoluble Phosphorus $\mu\text{g/ml sediment}$			
Lipolysis	LIP.	CO <sub>2</sub>	CO <sub>2</sub> -C from tripalmitin $\mu\text{g/ml sediment}$			
Chitinolysis	CHI.	CO <sub>2</sub>	CO <sub>2</sub> in atmosphere $\mu\text{g/ml sediment}$ (Cruise I $\times 10^{-2}$ ; Cruises II & III $\times 10^{-3}$ )			
		O <sub>2</sub>	O <sub>2</sub> in atmosphere $\mu\text{g/ml sediment}$ (Cruise I, $\times 10^{-2}$ ; Cruises II & III, $\times 10^{-3}$ )			
		N <sub>2</sub>	N <sub>2</sub> in atmosphere $\mu\text{g/ml sediment}$ (Cruise I, $\times 10^{-2}$ ; Cruises II & III $\times 10^{-3}$ )			
Cellulolysis	CEL.	CO <sub>2</sub>	CO <sub>2</sub> -C from cellulose $\mu\text{g/ml sediment}$			
Protolysis	PRO.	CO <sub>2</sub>	CO <sub>2</sub> -C from bovine serum albumin $\mu\text{g/ml sediment}$			
Oil Degradation	LC(19-20)	21-30	Concentration of oil (relative area units) based on aromatic components			
		31-40				
		1-50				
	GC(52-53)	54-63	Concentration of oil ( $\mu\text{g/ml sediment}$ ) based on the amount of <i>n</i> -C <sub>16</sub>			
		64-73				
		74-83				
		1-4	Date of Cruise			
		5	Composite (P = Platform; C = Control)			
		8-9	Test system			
Oxygen Utilization		1-4	Days of incubation			
		5	Date of Cruise			
		6	Composite			
		7-8	Test system			
		11-16	Days of incubation			
		19-24	O <sub>2</sub> uptake in $\mu\text{gO}_2/\text{ml sediment}$ (replicates)			
		27-32				
		35-40				
		43-48				
		51-56				
	59-6					
	67-72					
	75-80					

Any values of "--99.999" imply unavailable data

AMDG P \*\*\*\*\* -CEL \*\*\*\*\*

000001	00	780501PC0500285C18.M0CEL.C02	.0000	2192641.7500	172611.9404	207090.9805
000002	00	780501PC0500285C18.M1CEL.C02	3091404.8750	1250172.4531	247491.9687	104425.4805
000003	00	780501PC0500285C28.M0CEL.C02	.0000	493381.0625	4959.8301	7942.4297
000004	00	780501PC0500285C28.M2CEL.C02	47519.4600	3519.9638	3813.2900	367944.8750
000005	00	780502PC0500285C18.M1CEL.C02	564442.5000	1065381.2304	245971.7500	8691954.5000
000006	00	780502PC0500285C18.M2CEL.C02	5736227.5625	1268652.2500	1845977.1406	1606861.7500
000007	00	780502PC0500285C18.M3CEL.C02	4545441.5875	1229955.2705	4734373.0000	4972236.6125
000008	00	780502PC0500285C28.M0CEL.C02	.0000	2182655.3937	.0000	777174.5000
000009	00	780502PC0500285C28.M1CEL.C02	1759.9800	1514756.1250	10547213.2500	.0000
000010	00	780502PC0500285C28.M2CEL.C02	3663105.0625	11496189.3750	117918.6602	3283829.3437
000011	00	780503PC0500285C18.M1CEL.C02	5947265.7500	4579174.6250	2488398.7187	6757776.5625
000012	00	780503PC0500285C18.M2CEL.C02	5820547.1875	1706997.2812	448847.7100	3089262.4687
000013	00	780503PC0500285C28.M3CEL.C02	4867518.4000	12055276.3750	9081496.7500	1068894.5156
000014	00	780504PC0500285C18.M1CEL.C02	4862531.4375	703992.0000	5342410.3125	17141325.2500
000015	00	780504PC0500285C18.M2CEL.C02	11012488.2500	269570.2695	612312.3594	6323678.1250
000016	00	780504PC0500285C28.M3CEL.C02	.0000	26519.7100	.0000	80439.6400
000017	00	780504PC0500285C28.M1CEL.C02	.0000	.0000	1183373.5825	1273678.8594
000018	00	780504PC0500285C28.M2CEL.C02	6728110.2500	.0000	507542.3125	48106.1201
000019	00	780521CC0500285C18.M0CEL.C02	.0000	129068.2002	4056753.9062	9089710.0000
000020	00	780521CC0500285C18.M2CEL.C02	4476816.5875	7032886.0625	5781881.1875	100485.5285
000021	00	780521CC0500285C18.M3CEL.C02	8213.2400	11138913.3750	326769.6211	1058041.3125
000022	00	780521CC0500285C28.M0CEL.C02	.0000	.0000	.0000	1870863.7500
000023	00	780521CC0500285C28.M1CEL.C02	521540.7422	775857.8516	4925890.6875	.0000
000024	00	780521CC0500285C28.M2CEL.C02	238187.9600	1117.7200	1384377.9844	26176594.0000
000025	00	780521CC0500285C28.M3CEL.C02	.0000	75972.4687	824028.7500	3095218.1562
000026	00	780522CC0500285C18.M0CEL.C02	126718.5625	601328.5000	48992.6101	103705.8199
000027	00	780522CC0500285C18.M2CEL.C02	2837438.5625	974378.2000	138435.0000	9318.8401
000028	00	780522CC0500285C18.M3CEL.C02	84772.3701	56612.6899	2022510.3594	2718289.1250
000029	00	780522CC0500285C28.M0CEL.C02	.0000	.0000	.0000	1826859.2500
000030	00	780522CC0500285C28.M1CEL.C02	649139.2891	1351664.5406	.0000	.0000
000031	00	780522CC0500285C28.M2CEL.C02	.0000	623326.2500	4557468.1875	.0000
000032	00	780522CC0500285C28.M3CEL.C02	538260.5469	57492.6882	4532855.1250	1299851.8062
000033	00	780523CC0500285C18.M0CEL.C02	.0000	434701.6719	150064.4812	4891.2000
000034	00	780523CC0500285C18.M1CEL.C02	439406.3398	837482.6797	1188040.0625	3109004.6875
000035	00	780523CC0500285C18.M2CEL.C02	1122867.2891	150878.2891	103198.8506	26399.2000
000036	00	780523CC0500285C18.M3CEL.C02	282430.0000	171986.5894	2820661.2812	703982.8156
000037	00	780523CC0500285C28.M0CEL.C02	.0000	3429907.6882	.0000	21706.4199
000038	00	780523CC0500285C28.M1CEL.C02	2933.3000	313569.7195	43890.3105	8673474.7500
000039	00	780523CC0500285C28.M2CEL.C02	2377146.3125	120558.5299	3590065.8750	7699912.5000
000040	00	780523CC0500285C28.M3CEL.C02	.0000	1741130.8125	627110.5391	1716166.4687
000041	00	780524CC0500285C18.M0CEL.C02	1138013.7812	1508249.5469	670259.0469	23173.0701
000042	00	780524CC0500285C18.M1CEL.C02	953909.1641	7380236.3750	7088612.8125	7164291.9375
000043	00	780524CC0500285C18.M2CEL.C02	.0000	13119.8101	.0000	958309.1094
000044	00	780524CC0500285C18.M3CEL.C02	16719.8101	.0000	9140322.2500	3689.5881
000045	00	780524CC0500285C28.M0CEL.C02	2933.3000	1207639.6094	.0000	.0000
000046	00	780501PC0500285C18.M0CEL.INS	.0000	66683.0000	47046.7998	29424.6001
000047	00	780501PC0500285C18.M1CEL.INS	49403.0000	11528.8000	48992.6101	43702.3999
000048	00	780501PC0500285C28.M0CEL.INS	.0000	31373.0000	102881.0000	84425.3002
000049	00	780501PC0500285C28.M1CEL.INS	63172.2002	57184.0000	10887.3999	5871.0000
000050	00	780502PC0500285C18.M1CEL.INS	79552.2002	75209.6001	73185.7998	35118.0000
000051	00	780502PC0500285C18.M2CEL.INS	31736.0001	75209.6001	48117.6001	8662.2002
000052	00	780502PC0500285C18.M3CEL.INS	42920.3999	42920.3999	40716.7880	40180.4004
000053	00	780502PC0500285C28.M0CEL.INS	.0000	106293.6006	92892.2002	67633.2002
000054	00	780502PC0500285C28.M1CEL.INS	115117.2002	116799.6006	129124.7998	70863.4004
000055	00	780502PC0500285C28.M2CEL.INS	44473.0000	73421.7998	74913.0000	63169.6001
000056	00	780503PC0500285C18.M1CEL.INS	78458.2002	52609.3999	61659.3999	54942.2002
000057	00	780503PC0500285C18.M2CEL.INS	38562.6001	54762.3999	48522.6001	68034.7998
000058	00	780503PC0500285C18.M3CEL.INS	29111.2000	32086.8000	51995.3999	69702.0000
000059	00	780504PC0500285C18.M1CEL.INS	59839.0000	111788.4004	61030.3999	5554.2002
000060	00	780504PC0500285C18.M2CEL.INS	17255.0000	74148.7998	46914.2002	45908.7998
000061	00	780504PC0500285C28.M0CEL.INS	.0000	83334.0000	74449.4004	.0000
000062	00	780504PC0500285C28.M1CEL.INS	56654.3999	46639.0000	177089.4004	81270.2002
000063	00	780504PC0500285C28.M2CEL.INS	54835.2002	47546.3999	62259.3999	79044.5996
000064	00	780521CC0500285C18.M0CEL.INS	.0000	69447.2002	30427.6001	65743.2000
000065	00	780521CC0500285C18.M2CEL.INS	71910.7998	68701.0000	78495.7998	45545.2002
000066	00	780521CC0500285C18.M3CEL.INS	65733.3994	72775.2002	65228.3999	66510.2002
000067	00	780521CC0500285C28.M0CEL.INS	.0000	92328.2002	18594.4004	115704.2002
000068	00	780521CC0500285C28.M1CEL.INS	103710.2002	94286.7880	44845.4004	53402.6001
000069	00	780521CC0500285C28.M2CEL.INS	91827.4004	42951.3999	26519.3999	21776.2000
000070	00	780521CC0500285C28.M3CEL.INS	.0000	59730.2002	50428.2002	70297.7998
000071	00	780522CC0500285C18.M1CEL.INS	74602.2002	68280.5996	38195.6001	37359.2002
000072	00	780522CC0500285C18.M2CEL.INS	50784.0000	47416.7998	38827.3999	30410.2000
000073	00	780522CC0500285C18.M3CEL.INS	43638.0000	41365.3999	37858.6001	33048.0000

000074	00	780522CC0500285C28	M3CEL	INS	0000	19054.6001	87196.0000	45568.6001
000075	00	780522CC0500285C28	M3CEL	INS	0000	19054.6001	87196.0000	45568.6001
000076	00	780522CC0500285C28	M3CEL	INS	0000	19054.6001	87196.0000	45568.6001
000077	00	780522CC0500285C28	M3CEL	INS	22158.8000	32477.4001	26104.0000	30714.6001
000078	00	780522CC0500285C18	M3CEL	INS	0000	69535.5996	151840.0000	57714.0000
000079	00	780522CC0500285C18	M3CEL	INS	65034.7998	76655.7998	56197.3999	44963.2002
000080	00	780522CC0500285C18	M3CEL	INS	33285.0000	36747.3999	26719.8000	27731.8000
000081	00	780522CC0500285C18	M3CEL	INS	16712.5999	42278.2002	26238.8000	27461.8000
000082	00	780522CC0500285C28	M3CEL	INS	0000	68051.0000	68063.7998	85413.5996
000083	00	780522CC0500285C28	M3CEL	INS	57852.2002	37758.3999	60194.2002	79169.5996
000084	00	780522CC0500285C28	M3CEL	INS	29469.8000	36449.3999	44420.8000	50156.6001
000085	00	780524CC0500285C18	M3CEL	INS	0000	86414.5996	69402.6001	91174.5996
000086	00	780524CC0500285C18	M3CEL	INS	50164.0000	51921.0000	32996.3999	37115.6001
000087	00	780524CC0500285C18	M3CEL	INS	34277.3999	58173.3999	31599.4001	11909.0000
000088	00	780524CC0500285C28	M3CEL	INS	0000	112297.6000	91609.5996	81055.0000
000089	00	780524CC0500285C28	M3CEL	INS	53038.2002	49439.6001	40947.0000	48979.6001
000090	00	780524CC0500285C28	M3CEL	INS	39435.3999	32418.8000	33551.1997	51385.2002
000091	00	780501PC0500285C18	M3CEL	SOL	0000	18376.3999	19412.6001	28785.4001
000092	00	780501PC0500285C18	M3CEL	SOL	4424.8000	26417.8001	4756.2000	7863.4000
000093	00	780501PC0500285C28	M3CEL	SOL	0000	19816.3999	13419.0000	23781.8000
000094	00	780501PC0500285C28	M3CEL	SOL	11540.4000	27531.5000	7885.6000	8496.6000
000095	00	780502PC0500285C18	M3CEL	SOL	3374.2000	11351.2000	5383.4000	4703.2000
000096	00	780502PC0500285C18	M3CEL	SOL	1522.6000	15133.3000	1664.8000	2671.4000
000097	00	780502PC0500285C18	M3CEL	SOL	2662.6000	11234.0000	1928.6000	2785.0000
000098	00	780502PC0500285C28	M3CEL	SOL	0000	719.0000	2335.0000	1878.6001
000099	00	780502PC0500285C28	M3CEL	SOL	3968.0000	25202.0000	1807.6000	4131.4000
000100	00	780502PC0500285C28	M3CEL	SOL	4207.2000	48470.6001	1774.8000	2971.8000
000101	00	780503PC0500285C18	M3CEL	SOL	7117.2000	24263.8000	11479.2000	10065.6000
000102	00	780503PC0500285C18	M3CEL	SOL	3231.2000	22053.2000	2407.4000	4779.2000
000103	00	780503PC0500285C28	M3CEL	SOL	2627.4000	16909.2000	2645.6000	2354.0000
000104	00	780504PC0500285C18	M3CEL	SOL	3907.4000	19076.8000	4567.4000	5421.4000
000105	00	780504PC0500285C18	M3CEL	SOL	3908.2000	15886.8000	2477.2000	2794.2000
000106	00	780504PC0500285C28	M3CEL	SOL	0000	23272.6001	11956.4000	0000
000107	00	780504PC0500285C28	M3CEL	SOL	6747.0000	13450.8000	12092.4000	7627.6000
000108	00	780534PC0500285C28	M3CEL	SOL	5755.6000	23134.8000	4379.4000	6945.6000
000109	00	780521CC0500285C18	M3CEL	SOL	0000	17979.2000	24154.3999	20249.0000
000110	00	780521CC0500285C18	M3CEL	SOL	4867.8000	13255.2000	6297.0000	5531.6000
000111	00	780521CC0500285C18	M3CEL	SOL	2129.0000	27272.6001	3307.2000	2976.8000
000112	00	780521CC0500285C28	M3CEL	SOL	0000	16628.5996	27862.4001	21662.6001
000113	00	780521CC0500285C28	M3CEL	SOL	6845.8000	30114.9000	6445.4000	5411.8000
000114	00	780521CC0500285C28	M3CEL	SOL	4864.0000	16655.8000	4644.6000	2880.8000
000115	00	780522CC0500285C18	M3CEL	SOL	0000	14320.6000	10824.4000	11416.0000
000116	00	780522CC0500285C18	M3CEL	SOL	3780.8000	21410.6001	1602.6000	2070.2000
000117	00	780522CC0500285C18	M3CEL	SOL	4172.0000	17122.2000	2517.4000	1749.4000
000118	00	780522CC0500285C18	M3CEL	SOL	3709.0000	11511.0000	1495.0000	1542.8000
000119	00	780522CC0500285C28	M3CEL	SOL	0000	11599.8000	18945.8000	1878.8000
000120	00	780522CC0500285C28	M3CEL	SOL	2025.6000	11436.2000	1548.4000	3012.2000
000121	00	780522CC0500285C28	M3CEL	SOL	6228.2000	19318.3999	6209.0000	3753.6000
000122	00	780522CC0500285C28	M3CEL	SOL	751.2000	7996.8000	1107.2000	1080.0000
000123	00	780522CC0500285C18	M3CEL	SOL	0000	15073.4000	6956.8000	10288.2000
000124	00	780522CC0500285C18	M3CEL	SOL	1305.8000	37282.2000	2828.8000	2378.8000
000125	00	780523CC0500285C18	M3CEL	SOL	1755.2000	12219.0000	2279.4000	2724.8000
000126	00	780523CC0500285C16	M3CEL	SOL	1585.2000	10349.8000	1298.2000	1485.0000
000127	00	780523CC0500285C28	M3CEL	SOL	0000	12543.4000	10179.6000	17718.3999
000128	00	780523CC0500285C28	M3CEL	SOL	4323.0000	14351.0000	6680.8000	5711.2000
000129	00	780523CC0500285C28	M3CEL	SOL	1319.6000	7854.8000	2098.8000	2670.8000
000130	00	780524CC0500285C18	M3CEL	SOL	0000	1411.2000	2068.8000	2678.0000
000131	00	780524CC0500285C18	M3CEL	SOL	6526.4000	2410.8000	3240.2000	3864.0000
000132	00	780524CC0500285C18	M3CEL	SOL	1476.8000	5981.2000	1141.8000	640.8000
000133	00	780524CC0500285C28	M3CEL	SOL	0000	24219.2000	18520.6001	20836.2000
000134	00	780524CC0500285C28	M3CEL	SOL	3591.6000	16522.8000	3491.8000	4168.4000
000135	00	780524CC0500285C28	M3CEL	SOL	4479.6000	14530.0000	4369.8000	7331.2000

END ELT



PH06.P \*\*\*\*\* CHEM-MIC \*\*\*\*\*

FLT	L	RFHL	CP1	CHEM-MIC	PO4	NO3	TN	TP		
000001	00	780521C	2851.B.M	025	200	450	2600	24000	4210	
000002	00	780521C	2852.B.M	025	200	450	2000	38000	5780	
000003	00	780521C	2853.B.M	025	2200	3750	500	17000	6500	
000004	00	780521C	2854.B.M	025	2200	3500	2000	46000	7200	
000005	00	780522C	2851.B.M	025	2200	2150	5	2500	42000	6630
000006	00	780522C	2852.B.M	025	200	2500	5	1200	42000	6970
000007	00	780522C	2853.B.M	250	200	1750	5	3500	39000	5310
000008	00	780522C	2854.B.M	025	200	4850	5	6000	46000	6510
000009	00	780523C	2851.B.M	25	2200	8750	5	3000	32000	5350
000010	00	780523C	2852.B.M	250	200	7500	5	1200	36000	5330
000011	00	780523C	2853.B.M	025	200	7700	5	6000	36000	7090
000012	00	780523C	2854.B.M	3000	200	4300	5	1500	42000	6040
000013	00	780524C	2851.B.M	025	200	4100	5	3500	24000	5290
000014	00	780524C	2852.B.M	025	200	4100	5	1200	22000	5130
000015	00	780524C	2853.B.M	025	20800	3750	5	1200	18000	4460
000016	00	780524C	2854.B.M	250	2200	3500	5	1500	25000	6130
000017	00	780501PN05002851.B.M	250	200	450	5	500	39000	11440	
000018	00	780501PN05002852.B.M	250	2200	2750	5	1200	33000	9410	
000019	00	780501PN05002853.B.M	250	2200	4850	5	2500	34000	10110	
000020	00	780501PN05002854.B.M	250	4400	5450	5	1200	31000	8440	
000021	00	780501PE05002851.B.M	250	200	2500	5	1000	31000	6480	
000022	00	780501PE05002852.B.M	3900	2200	6000	5	5000	31500	6560	
000023	00	780501PE05002853.B.M	250	2200	850	5	1000	34000	7140	
000024	00	780501PE05002854.B.M	250	2200	3000	5	2000	31000	6710	
000025	00	780501PS05002851.B.M	250	2200	1750	5	2000	29000	6520	
000026	00	780501PS05002852.B.M	250	4400	1750	5	5000	30000	5850	
000027	00	780501PS05002853.B.M	250	2200	250	5	5000	31000	5550	
000028	00	780501PS05002854.B.M	250	2200	4500	5	1000	24000	5470	
000029	00	780501PW05002851.B.M	250	2200	2000	5	1200	24000	4970	
000030	00	780501PW05002852.B.M	250	6400	120	5	2500	27000	5060	
000031	00	780501PW05002853.B.M	250	2200	250	5	1200	27000	7160	
000032	00	780501PW05002854.B.M	2100	5400	2000	5	1200	20000	7450	
000033	00	780502PN05002851.B.M	2700	200	4650	5	2200	28000	8420	
000034	00	780502PN05002852.B.M	1900	200	4000	5	2000	26000	7820	
000035	00	780502PN05002853.B.M	2300	200	4000	5	2500	26000	7980	
000036	00	780502PN05002854.B.M	2500	200	2750	5	1500	24000	7010	
000037	00	780502PE05002851.B.M	2500	2200	2750	5	4000	51000	9590	
000038	00	780502PE05002852.B.M	3500	2200	5900	5	1500	47000	10940	
000039	00	780502PE05002853.B.M	4100	2200	1750	5	5000	42000	3570	
000040	00	780502PE05002854.B.M	3300	200	2750	5	2000	47000	6010	
000041	00	780502PS05002851.B.M	3300	200	1150	5	2000	42000	7570	
000042	00	780502PS05002852.B.M	1800	2200	500	5	2000	42000	7570	
000043	00	780502PS05002853.B.M	2700	200	1920	5	2000	42000	7570	
000044	00	780503PS05002854.B.M	3300	2200	6100	5	1500	15000	6840	
000045	00	780503PW05002851.B.M	2700	200	2500	5	200	42000	5660	
000046	00	780503PW05002852.B.M	3300	200	3000	5	1200	41000	5870	
000047	00	780503PW05002853.B.M	4700	200	2500	5	1200	41000	7800	
000048	00	780503PW05002854.B.M	6100	200	3150	5	1500	41000	7800	
000049	00	780503PN05002851.B.M	1900	200	2750	5	2000	42000	7900	
000050	00	780503PN05002852.B.M	2700	200	2750	5	2000	39000	7900	
000051	00	780503PN05002853.B.M	2100	200	1850	5	1000	42000	4500	
000052	00	780503PN05002854.B.M	1600	200	1400	5	2000	42000	6050	
000053	00	780503PE05002851.B.M	2700	200	3150	5	1500	46000	6180	
000054	00	780503PE05002852.B.M	3900	200	3700	5	2000	49000	2590	
000055	00	780503PE05002853.B.M	125	200	3150	5	500	49000	4620	
000056	00	780503PE05002854.B.M	2900	200	2750	5	500	48000	3900	
000057	00	780503PS05002851.B.M	3100	200	2100	5	1500	24000	2360	
000058	00	780503PS05002852.B.M	4300	200	3000	5	2000	39000	3620	
000059	00	780503PS05002853.B.M	2900	200	1850	5	1000	40000	2860	
000060	00	780503PS05002854.B.M	3100	200	2900	5	2000	36000	4990	
000061	00	780503PW05002851.B.M	3700	200	3000	5	2000	16000	3040	
000062	00	780503PW05002852.B.M	3300	2200	3000	5	2500	35000	4150	
000063	00	780503PW05002853.B.M	3300	2200	3000	5	1200	38000	3770	
000064	00	780503PW05002854.B.M	3300	2200	5800	5	2000	42000	4460	
000065	00	780504PN05002851.B.M	1900	4600	2500	5	2000	29000	4880	
000066	00	780504PN05002852.B.M	200	1750	250	5	1500	29000	4880	
000067	00	780504PN05002853.B.M	3500	200	250	5	4000	24000	4740	
000068	00	780504PN05002854.B.M	1500	2500	1400	5	2000	51000	4470	
000069	00	780504PE05002851.B.M	1600	200	5450	5	2500	29000	4500	
000070	00	780504PE05002852.B.M	1600	2200	1850	5	2000	31000	5150	
000071	00	780504PE05002853.B.M	1900	2200	6000	5	2500	25000	4910	
000072	00	780504PE05002854.B.M	2100	2200	5350	5	1000	31000	4410	
000073	00	780504PS05002851.B.M	1900	200	2500	5	3000	29000	5250	

000074	00	780504PS05002852	B.M	1200	200	2000	5	1000	25000	4800			
000075	00	780504PS05002852	B.M	1400	200	3900	5	1000	24000	4740			
000076	00	780504PS05002852	B.M	1300	200	6100	5	1000	28000	5750			
000077	00	780504PS05002852	B.M	2300	2200	5450	5	1000	26000	4720			
000078	00	780504PS05002853	B.M	2100	3200	5500	5	1000	28000	4730			
000079	00	780521C	B.M	110	870	400	5	5	230	-230	0		
000080	00	780521C	B.M	61	970	400	5	5	230	-230			
000081	00	780521C	B.M	51	100	100	5	5	230	0			
000082	00	780522C	B.M	120	800	23	80	5	230	-230	0		
000083	00	780522C	B.M	93	930	10	380	5	230	-230			
000084	00	780522C	B.M	75	950	260	240	5	230	-230			
000085	00	780522C	B.M	47	930	72	190	5	230	-230			
000086	00	780522C	B.M	110	870	14	180	5	230	-230	0		
000087	00	780522C	B.M	61	970	7	440	5	230	-230			
000088	00	780522C	B.M	51	100	100	5	5	230	-230			
000089	00	780524C	B.M	1100	12	5	5	5	430	-230	0		
000090	00	780524C	B.M	1000	2	5	5	5	430	-230			
000091	00	780524C	B.M	4800	14	5	5	5	430	-230			
000092	00	780524C	B.M	110	3600	12000	10	5	930	930	0		
000093	00	780501PN05002851	B.M	170	390	4500	5	5	230	230			
000094	00	780501PN05002851	B.M	190	400	4500	5	5	230	230			
000095	00	780501PN05002851	B.M	190	400	4500	5	5	230	230			
000096	00	780501PN05002851	B.M	110	3700	13700	4500	5	230	230	0		
000097	00	780501PN05002851	B.M	4200	23000	4500	5	5	230	430			
000098	00	780501PN05002851	B.M	5900	3600	4500	5	5	93	430			
000099	00	780501PN05002851	B.M	3300	10000	4600	5	5	93	230			
000100	00	780501PN05002851	B.M	96	4800	26000	4500	5	930	430	0		
000101	00	780501PN05002852	B.M	3300	27000	4500	5	5	150	230			
000102	00	780501PN05002853	B.M	5400	24000	4500	5	5	210	230			
000103	00	780501PN05002854	B.M	450	4200	16300	4500	5	230	230	0		
000104	00	780501PN05002851	B.M	450	4400	17000	4500	5	93	43			
000105	00	780501PN05002852	B.M	4200	5200	4500	5	5	43	93			
000106	00	780501PN05002853	B.M	3600	4700	4500	5	5	15	23			
000107	00	780502PN05002851	B.M	200	3600	37000	20	5	2400	230	0		
000108	00	780502PN05002852	B.M	4600	45000	5	5	5	930	2400			
000109	00	780502PN05002853	B.M	120	1300	20	5	5	2800	830			
000110	00	780502PN05002854	B.M	57	4400	46000	1500	5	23	2400	0		
000111	00	780502PN05002851	B.M	230	56000	5	5	5	23	230			
000112	00	780502PN05002852	B.M	4200	26000	4500	5	5	430	370			
000113	00	780502PN05002853	B.M	4500	19000	4500	5	5	430	370			
000114	00	780502PN05002854	B.M	170	3700	22000	870	5	4600	230	0		
000115	00	780502PN05002851	B.M	38	120	20	5	5	280	430			
000116	00	780502PN05002852	B.M	1500	1200	170	5	5	430	43			
000117	00	780502PN05002853	B.M	59	120	5	5	5	2400	43	0		
000118	00	780502PN05002854	B.M	580	4400	24000	2000	5	150	240			
000119	00	780502PN05002851	B.M	2200	1000	10	5	5	430	93			
000120	00	780502PN05002852	B.M	5600	16000	410	5	5	270	93			
000121	00	780502PN05002853	B.M	1100	1000	100	5	5	270	93			
000122	00	780502PN05002854	B.M	5100	1600	1400	5	5	170	140			
000123	00	780503PE05002851	B.M	3500	29000	5	5	5	15	230	0		
000124	00	780503PE05002852	B.M	3300	39000	4500	5	5	93	230			
000125	00	780503PE05002853	B.M	4400	21000	1800	5	5	43	23			
000126	00	780503PE05002854	B.M	4000	27000	1700	5	5	93	230			
000127	00	780503PE05002851	B.M	3200	42000	1000	5	5	75	75			
000128	00	780503PE05002852	B.M	3200	39000	1600	5	5	75	75			
000129	00	780503PE05002853	B.M	3200	39000	1600	5	5	75	75			
000130	00	780503PE05002854	B.M	3200	39000	1600	5	5	75	75			
000131	00	780503PE05002851	B.M	3700	37000	2000	5	5	23	93	0		
000132	00	780503PE05002852	B.M	6400	14000	1800	5	5	930	93			
000133	00	780503PE05002853	B.M	4100	40000	50	5	5	93	230			
000134	00	780503PE05002854	B.M	4300	35200	5	5	5	93	210			
000135	00	780504PE05002851	B.M	1700	18000	1700	5	5	2400	93	0		
000136	00	780504PE05002852	B.M	3900	18000	4500	5	5	150	240			
000137	00	780504PE05002853	B.M	3300	13900	450	5	5	1000	240			
000138	00	780504PE05002854	B.M	3200	15000	1500	5	5	75	75			
000139	00	780504PE05002851	B.M	3900	15000	4500	17	5	75	75	0		
000140	00	780504PE05002852	B.M	4800	13000	230	5	5	43	40			
000141	00	780504PE05002853	B.M	3400	21000	490	5	5	43	23			

000152	00	780504PE45002854.B.M	4100	14000	4500	5	43	43			M
000153	00	780504PS05002851.B.M	3900	11000	80	5	43	93	0		M
000154	00	780504PS05002852.B.M	4200	11000	2700	5	43	93			M
000155	00	780504PS05002853.B.M	3600	14000	190	5	43	93			M
000156	00	780504PS05002854.B.M	3700	6000	500	5	43	240			M
000157	00	780504P405002851.B.M	3800	13000	30	5	43	93	0		M
000158	00	780504P405002852.B.M	2800	14000	4500	5	43	93			M
000159	00	780504P405002853.B.M	3200	16000	4500	5	43	43			M
000160	00	780504P405002854.B.M	3200	13000	20	5	43	23			M

END ELT.

\*\*\*\*\* CHITIN \*\*\*\*\*

DEL11 2ENL391 CHITIN

SL	SL73R1	05/29/79	11 53 10 10						
000001	00	780501PC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000002	00	780501PC0500285C1B.M3CHI.CO2	389.365	14.929	365.796	332.166			
000003	00	780501PC0500285C1B.M3CHI.CO2	833.786	14.929	350.887	406.810			
000004	00	780501PC0500285C1B.M3CHI.CO2	589.688	26.125	205.271	339.630			
000005	00	780501PC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000006	00	780501PC0500285C2B.M1CHI.CO2	339.630	14.929	37.220	335.898			
000007	00	780501PC0500285C2B.M2CHI.CO2	399.345	14.929	38.680	466.526			
000008	00	780501PC0500285C2B.M3CHI.CO2	679.260	18.661	335.898	355.898			
000009	00	780502PC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000010	00	780502PC0500285C1B.M3CHI.CO2	111.966	14.929	175.483	119.430			
000011	00	780502PC0500285C1B.M3CHI.CO2	124.806	14.929	174.340	138.051			
000012	00	780502PC0500285C1B.M3CHI.CO2	507.579	26.125	220.200	205.271			
000013	00	780502PC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000014	00	780502PC0500285C2B.M1CHI.CO2	124.806	14.929	9.305	70.912			
000015	00	780502PC0500285C2B.M2CHI.CO2	119.430	14.929	18.661	79.376			
000016	00	780502PC0500285C2B.M3CHI.CO2	339.630	26.125	205.271	153.020			
000017	00	780503PC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000018	00	780503PC0500285C1B.M3CHI.CO2	153.020	7.464	9.305	111.966			
000019	00	780503PC0500285C1B.M3CHI.CO2	220.200	7.464	48.854	145.556			
000020	00	780503PC0500285C2B.M1CHI.CO2	339.630	14.929	15.300	220.200			
000021	00	780503PC0500285C2B.M1CHI.CO2	3.732	3.732	7.732	3.732			
000022	00	780503PC0500285C2B.M1CHI.CO2	167.949	7.464	14.556	126.895			
000023	00	780503PC0500285C2B.M2CHI.CO2	75.544	7.464	21.273	119.430			
000024	00	780503PC0500285C2B.M3CHI.CO2	333.898	14.929	18.661	167.949			
000025	00	780504PC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000026	00	780504PC0500285C1B.M3CHI.CO2	153.020	7.464	15.300	111.966			
000027	00	780504PC0500285C1B.M3CHI.CO2	212.735	14.929	18.661	167.949			
000028	00	780504PC0500285C1B.M3CHI.CO2	438.918	14.929	160.445	246.325			
000029	00	780504PC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000030	00	780504PC0500285C2B.M1CHI.CO2	111.966	7.464	8.584	79.376			
000031	00	780504PC0500285C2B.M2CHI.CO2	136.610	7.464	14.929	111.966			
000032	00	780504PC0500285C2B.M3CHI.CO2	335.898	14.929	26.125	105.556			
000033	00	780504PC0500285C2B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000034	00	780504PC0500285C2B.M3CHI.CO2	67.180	14.929	23.270	40.757			
000035	00	780521CC0500285C1B.M2CHI.CO2	627.010	14.929	160.445	615.813			
000036	00	780521CC0500285C1B.M3CHI.CO2	585.955	13.661	220.200	294.844			
000037	00	780521CC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000038	00	780521CC0500285C2B.M1CHI.CO2	95.841	7.464	27.241	145.556			
000039	00	780521CC0500285C2B.M2CHI.CO2	380.484	14.929	22.110	145.556			
000040	00	780521CC0500285C2B.M3CHI.CO2	574.789	14.929	24.270	145.556			
000041	00	780522CC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000042	00	780522CC0500285C1B.M3CHI.CO2	261.258	7.464	35.841	172.451			
000043	00	780522CC0500285C1B.M3CHI.CO2	432.935	14.929	18.661	119.430			
000044	00	780522CC0500285C1B.M3CHI.CO2	593.420	14.929	33.590	227.664			
000045	00	780522CC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000046	00	780522CC0500285C2B.M1CHI.CO2	279.915	14.929	24.635	279.915			
000047	00	780522CC0500285C2B.M2CHI.CO2	420.233	14.929	21.273	267.700			
000048	00	780522CC0500285C2B.M3CHI.CO2	525.508	26.125	160.445	185.898			
000049	00	780523CC0500285C1B.M3CHI.CO2	205.271	7.464	160.445	119.430			
000050	00	780523CC0500285C1B.M3CHI.CO2	395.643	7.464	18.661	119.430			
000051	00	780523CC0500285C1B.M3CHI.CO2	500.445	14.929	18.661	119.430			
000052	00	780523CC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000053	00	780523CC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000054	00	780523CC0500285C2B.M1CHI.CO2	201.539	7.464	261.254	153.020			
000055	00	780523CC0500285C2B.M2CHI.CO2	425.471	7.464	14.929	111.966			
000056	00	780523CC0500285C2B.M3CHI.CO2	507.579	7.464	23.270	279.915			
000057	00	780524CC0500285C1B.M3CHI.CO2	3.732	3.732	3.732	3.732			
000058	00	780524CC0500285C1B.M3CHI.CO2	201.539	14.929	14.929	111.966			
000059	00	780524CC0500285C1B.M3CHI.CO2	212.735	14.929	14.929	111.966			
000060	00	780524CC0500285C1B.M3CHI.CO2	567.294	14.929	126.895	268.718			
000061	00	780524CC0500285C2B.M1CHI.CO2	3.732	3.732	3.732	3.732			
000062	00	780524CC0500285C2B.M1CHI.CO2	399.345	14.929	28.739	238.861			
000063	00	780524CC0500285C2B.M2CHI.CO2	273.220	14.929	31.356	313.606			
000064	00	780524CC0500285C2B.M3CHI.CO2	653.135	14.929	25.370	339.630			
000065	00	780501PC0500285C1B.M3CHI.CO2	.000	526.574	526.574	521.146			
000066	00	780501PC0500285C1B.M3CHI.CO2	333.859	504.860	350.485	388.288			
000067	00	780501PC0500285C1B.M3CHI.CO2	241.574	521.146	371.369	384.002			
000068	00	780501PC0500285C1B.M3CHI.CO2	217.144	513.703	387.002	333.959			
000069	00	780501PC0500285C2B.M1CHI.CO2	.000	526.574	534.717	521.146			
000070	00	780501PC0500285C2B.M1CHI.CO2	342.002	513.703	342.002	350.146			
000071	00	780501PC0500285C2B.M2CHI.CO2	135.430	513.703	313.000	250.877			
000072	00	780501PC0500285C2B.M3CHI.CO2	100.429	513.003	342.002	333.859			
000073	00	780502PC0500285C1B.M3CHI.CO2	.000	526.574	513.003	521.146			

000074	00	780502PC0500285C18.M1CHI.02	472.288	521.146	450.574	450.574
000075	00	780502PC0500285C18.M2CHI.02	466.860	466.860	396.288	450.574
000076	00	780502PC0500285C18.M3CHI.02	287.716	466.860	396.288	396.288
000077	00	780502PC0500285C2B.M0CHI.02	.000	521.146	466.860	521.146
000078	00	780502PC0500285C2B.M1CHI.02	442.431	521.146	450.574	468.574
000079	00	780502PC0500285C2B.M2CHI.02	466.860	513.003	412.288	472.288
000080	00	780502PC0500285C2B.M3CHI.02	371.859	526.574	412.288	472.288
000081	00	780503PC0500285C18.M0CHI.02	.000	521.146	526.574	521.146
000082	00	780503PC0500285C18.M1CHI.02	466.860	521.146	466.860	472.288
000083	00	780503PC0500285C18.M2CHI.02	412.288	526.574	412.288	442.431
000084	00	780503PC0500285C18.M3CHI.02	358.288	521.146	396.288	388.145
000085	00	780503PC0500285C2B.M0CHI.02	.000	526.574	521.146	521.146
000086	00	780503PC0500285C2B.M1CHI.02	458.717	526.574	442.431	472.288
000087	00	780503PC0500285C2B.M2CHI.02	412.288	521.146	412.288	466.860
000088	00	780503PC0500285C2B.M3CHI.02	333.859	513.003	380.002	412.288
000089	00	780504PC0500285C18.M0CHI.02	.000	513.003	513.003	521.146
000090	00	780504PC0500285C18.M1CHI.02	458.717	513.003	466.860	488.574
000091	00	780504PC0500285C18.M2CHI.02	309.430	526.574	466.860	472.288
000092	00	780504PC0500285C18.M3CHI.02	309.430	526.574	450.574	412.288
000093	00	780504PC0500285C2B.M0CHI.02	.000	526.574	526.574	521.146
000094	00	780504PC0500285C2B.M1CHI.02	472.288	504.860	488.574	488.574
000095	00	780504PC0500285C2B.M2CHI.02	371.859	513.003	442.431	426.145
000096	00	780504PC0500285C2B.M3CHI.02	304.002	504.860	388.145	412.288
000097	00	780521CC0500285C18.M0CHI.02	.000	513.003	513.003	526.574
000098	00	780521CC0500285C18.M1CHI.02	466.860	513.003	426.145	488.574
000099	00	780521CC0500285C18.M2CHI.02	196.717	513.003	408.431	366.716
000100	00	780521CC0500285C18.M3CHI.02	171.001	496.717	358.288	358.288
000101	00	780521CC0500285C2B.M0CHI.02	.000	510.288	513.003	504.860
000102	00	780521CC0500285C2B.M1CHI.02	472.288	521.146	450.574	466.860
000103	00	780521CC0500285C2B.M2CHI.02	296.859	504.860	366.288	412.288
000104	00	780521CC0500285C2B.M3CHI.02	162.859	513.003	350.145	363.716
000105	00	780522CC0500285C18.M0CHI.02	.000	518.431	513.003	513.003
000106	00	780522CC0500285C18.M1CHI.02	434.288	513.003	363.716	404.431
000107	00	780522CC0500285C18.M2CHI.02	296.859	504.860	396.288	388.145
000108	00	780522CC0500285C18.M3CHI.02	195.430	504.860	450.574	358.288
000109	00	780522CC0500285C2B.M0CHI.02	.000	521.146	521.146	521.146
000110	00	780522CC0500285C2B.M1CHI.02	396.288	526.574	426.145	426.145
000111	00	780522CC0500285C2B.M2CHI.02	259.431	513.003	426.145	412.288
000112	00	780522CC0500285C2B.M3CHI.02	162.859	526.574	396.288	342.002
000113	00	780523CC0500285C18.M0CHI.02	.000	526.574	526.574	526.574
000114	00	780523CC0500285C18.M1CHI.02	442.431	504.860	472.288	412.288
000115	00	780523CC0500285C18.M2CHI.02	371.859	513.003	442.431	426.145
000116	00	780523CC0500285C18.M3CHI.02	263.287	504.860	388.145	388.145
000117	00	780523CC0500285C2B.M0CHI.02	.000	526.574	513.003	521.146
000118	00	780523CC0500285C2B.M1CHI.02	434.288	504.860	426.145	442.431
000119	00	780523CC0500285C2B.M2CHI.02	342.002	521.146	450.574	426.145
000120	00	780523CC0500285C2B.M3CHI.02	259.431	513.003	418.002	371.859
000121	00	780524CC0500285C18.M0CHI.02	.000	513.003	513.003	521.146
000122	00	780524CC0500285C18.M1CHI.02	412.288	513.003	450.574	412.288
000123	00	780524CC0500285C18.M2CHI.02	225.287	513.003	418.002	388.145
000124	00	780524CC0500285C18.M3CHI.02	162.859	521.146	521.146	526.574
000125	00	780524CC0500285C2B.M0CHI.02	.000	513.003	412.288	412.288
000126	00	780524CC0500285C2B.M1CHI.02	333.859	513.003	412.288	412.288
000127	00	780524CC0500285C2B.M2CHI.02	358.288	526.574	396.288	371.859
000128	00	780524CC0500285C2B.M3CHI.02	162.859	513.003	380.002	333.859

HRDR, \*\*\*\*\* DCN \*\*\*\*\*

REF ID	RFNLDCR	DEPT	DATE	TIME	UNIT	CLASS	STATUS	AMOUNT	AMOUNT	AMOUNT	AMOUNT
000001	SL75R1	05/23/75	11 53	100	103.094	100.901	103.094	103.094			
000002					78.966	78.966	67.998	78.966			
000003					72.385	72.385	78.966	78.966			
000004					81.353	72.385	78.966	87.740			
000005					103.094	100.901	107.094	103.094			
000006					87.773	78.966	87.353	87.353			
000007					76.773	72.385	78.966	83.353			
000008					76.773	67.998	78.966	92.127			
000009					96.514	92.127	96.514	92.127			
000010					67.966	72.385	67.998	67.966			
000011					67.611	78.966	54.838	59.224			
000012					43.870	96.514	48.257	63.611			
000013					96.514	83.353	92.127	87.740			
000014					59.224	48.257	43.870	47.998			
000015					54.838	76.773	63.611	52.544			
000016					59.224	83.353	59.224	54.838			
000017					92.127	87.740	83.353	87.740			
000018					67.966	59.224	43.870	54.224			
000019					63.611	54.838	57.998	63.611			
000020					59.224	63.611	67.998	72.385			
000021					37.740	78.966	100.901	92.127			
000022					63.611	48.257	67.998	67.998			
000023					63.611	43.870	54.838	59.224			
000024					59.224	48.257	54.838	48.257			
000025					78.966	72.385	78.966	72.385			
000026					54.838	52.544	59.224	54.838			
000027					57.644	54.838	54.838	52.644			
000028					35.096	57.644	54.838	59.224			
000029					76.773	76.773	72.385	83.353			
000030					52.544	52.544	48.257	69.224			
000031					54.838	48.257	52.544	59.224			
000032					59.224	52.644	59.224	67.998			
000033					87.740	98.320	96.514	92.127			
000034					78.966	83.353	83.353	87.740			
000035					78.966	87.740	78.966	78.966			
000036					92.127	100.901	87.740	83.353			
000037					96.514	83.353	96.514	96.514			
000038					78.966	78.966	78.966	78.966			
000039					76.773	76.773	72.385	67.998			
000040					87.740	78.966	78.966	72.385			
000041					100.901	92.127	98.320	118.062			
000042					78.966	87.740	78.966	78.966			
000043					72.385	83.353	67.998	43.870			
000044					75.773	83.353	63.611	48.257			
000045					100.901	96.514	100.901	100.901			
000046					78.966	92.127	83.353	87.353			
000047					76.773	92.127	76.773	67.998			
000048					72.385	100.901	72.385	76.773			
000049					100.901	100.901	78.966	96.514			
000050					78.966	83.353	83.353	83.353			
000051					72.385	72.385	67.998	67.998			
000052					72.385	48.257	43.870	67.998			
000053					100.901	100.901	100.901	100.901			
000054					81.353	78.966	76.773	78.966			
000055					72.385	67.998	78.966	78.966			
000056					76.773	72.385	72.385	72.385			
000057					100.901	100.901	78.966	78.966			
000058					83.353	67.740	83.353	83.353			
000059					78.966	76.773	72.385	76.773			
000060					76.773	76.773	76.773	78.966			
000061					96.514	100.901	78.966	100.901			
000062					92.127	92.127	87.740	83.353			
000063					78.966	87.740	78.966	78.966			
000064					76.773	83.353	83.353	83.353			
000065					382.449	376.866	382.449	371.283			
000066					408.782	399.199	382.449	399.199			
000067					442.469	414.553	408.969	431.302			
000068					474.572	436.885	420.136	436.885			
000069					376.866	382.449	382.449	376.866			
000070					392.616	399.199	399.199	420.136			
000071					425.719	457.822	468.885	436.885			
000072					442.469	512.259	486.856	436.885			
000073					382.449	382.449	382.449	376.866			

000074	00	780502PC0500285C1B.M1DEN.N2	392.220	420.136	388.032	404.782
000075	00	780502PC0500285C1B.M2DEN.N2	393.616	436.885	446.656	431.302
000076	00	780502PC0500285C1B.M3DEN.N2	425.719	457.822	506.675	474.572
000077	00	780502PC0500285C2B.M1DEN.N2	382.449	404.782	376.866	382.449
000078	00	780502PC0500285C2B.M2DEN.N2	392.220	414.553	431.302	414.553
000079	00	780502PC0500285C2B.M3DEN.N2	399.199	420.136	452.239	408.969
000080	00	780502PC0500285C2B.M3DEN.N2	457.822	468.989	474.572	463.406
000081	00	780503PC0500285C1B.M1DEN.N2	376.866	399.199	376.866	388.032
000082	00	780503PC0500285C1B.M2DEN.N2	414.553	399.199	414.553	399.199
000083	00	780503PC0500285C1B.M3DEN.N2	446.656	436.885	431.302	446.656
000084	00	780503PC0500285C2B.M1DEN.N2	393.616	420.136	442.469	376.866
000085	00	780503PC0500285C2B.M2DEN.N2	446.656	436.885	486.165	399.199
000086	00	780503PC0500285C2B.M3DEN.N2	446.656	436.885	495.509	457.822
000087	00	780503PC0500285C2B.M3DEN.N2	484.343	512.259	533.196	452.239
000088	00	780504PC0500285C1B.M1DEN.N2	431.302	468.989	436.885	484.343
000089	00	780504PC0500285C1B.M2DEN.N2	425.719	474.572	457.822	506.675
000090	00	780504PC0500285C1B.M3DEN.N2	452.239	535.783	506.675	517.842
000091	00	780504PC0500285C2B.M1DEN.N2	480.969	533.196	527.612	533.196
000092	00	780504PC0500285C2B.M2DEN.N2	431.302	463.406	468.989	410.365
000093	00	780504PC0500285C2B.M3DEN.N2	436.885	442.469	480.969	414.553
000094	00	780504PC0500285C2B.M3DEN.N2	457.822	486.165	506.675	457.822
000095	00	780504PC0500285C2B.M3DEN.N2	457.822	538.779	517.842	501.092
000096	00	780521CC0500285C1B.M1DEN.N2	393.616	376.866	404.782	393.616
000097	00	780521CC0500285C1B.M2DEN.N2	420.136	388.032	431.302	446.656
000098	00	780521CC0500285C1B.M3DEN.N2	425.719	393.616	431.302	489.926
000099	00	780521CC0500285C2B.M1DEN.N2	446.656	404.782	457.822	517.842
000100	00	780521CC0500285C2B.M2DEN.N2	371.283	376.866	393.616	388.032
000101	00	780521CC0500285C2B.M3DEN.N2	414.553	393.616	414.553	414.553
000102	00	780521CC0500285C2B.M3DEN.N2	431.302	399.199	408.969	457.822
000103	00	780522CC0500285C1B.M1DEN.N2	457.822	420.136	431.302	484.343
000104	00	780522CC0500285C1B.M2DEN.N2	382.449	376.866	420.136	393.616
000105	00	780522CC0500285C1B.M3DEN.N2	414.553	408.969	446.656	748.348
000106	00	780522CC0500285C2B.M1DEN.N2	431.302	425.719	446.656	764.898
000107	00	780522CC0500285C2B.M2DEN.N2	457.822	480.969	457.822	781.648
000108	00	780522CC0500285C2B.M3DEN.N2	376.866	376.866	382.449	393.616
000109	00	780522CC0500285C2B.M3DEN.N2	408.969	420.136	430.969	414.553
000110	00	780522CC0500285C2B.M3DEN.N2	425.719	408.969	408.969	388.032
000111	00	780522CC0500285C2B.M3DEN.N2	486.656	431.302	436.885	431.302
000112	00	780523CC0500285C1B.M1DEN.N2	393.616	371.283	382.449	376.866
000113	00	780523CC0500285C1B.M2DEN.N2	408.969	399.199	399.199	383.348
000114	00	780523CC0500285C1B.M3DEN.N2	408.969	399.199	408.969	399.199
000115	00	780523CC0500285C2B.M1DEN.N2	425.719	408.969	420.136	376.866
000116	00	780523CC0500285C2B.M2DEN.N2	376.866	376.866	376.866	376.866
000117	00	780523CC0500285C2B.M3DEN.N2	392.199	408.969	420.136	442.469
000118	00	780523CC0500285C2B.M3DEN.N2	408.969	408.969	436.885	442.469
000119	00	780523CC0500285C2B.M3DEN.N2	425.719	431.302	457.822	484.343
000120	00	780524CC0500285C1B.M1DEN.N2	376.866	376.866	376.866	371.283
000121	00	780524CC0500285C1B.M2DEN.N2	393.616	408.969	404.782	404.782
000122	00	780524CC0500285C1B.M3DEN.N2	404.782	436.885	425.719	404.782
000123	00	780524CC0500285C2B.M1DEN.N2	414.553	457.822	442.469	425.719
000124	00	780524CC0500285C2B.M2DEN.N2	376.866	376.866	382.449	382.449
000125	00	780524CC0500285C2B.M3DEN.N2	408.969	408.969	425.719	431.302
000126	00	780524CC0500285C2B.M3DEN.N2	425.719	414.553	480.158	486.656
000127	00	780524CC0500285C2B.M3DEN.N2	425.719	414.553	480.158	486.656
000128	00	780524CC0500285C2B.M3DEN.N2	425.719	414.553	480.158	486.656

END FILE

HOG,P \*\*\*\*\* HCT \*\*\*\*\*

DELTY, L RFLBCR1.HET  
EL1907 3173R1 05/28/79 01 51 12 10 1

000001	00	780501PC0500285C18.M3HET.CO2	.0000	47519.4600	670552.3828	422981.8594
000002	00	780501PC0500285C18.M2HET.CO2	46095743.0000	156931.5519	57903929.0000	54287463.0000
000003	00	780501PC0500285C28.M3HET.CO2	.0000	61599.3003	267810.2891	409782.3117
000004	00	780501PC0500285C28.M1HET.CO2	9387146.6250	1336998.1406	17637612.5000	9777568.8750
000005	00	780502PC0500285C18.M1HET.CO2	42688021.5000	631216.1562	4821081.5000	36460918.0000
000006	00	780502PC0500285C18.M2HET.CO2	3894911.0000	139711.0000	111111.0000	1422778.0000
000007	00	780502PC0500285C18.M3HET.CO2	48537738.5000	139711.0000	4199452.3000	3890851.0000
000008	00	780502PC0500285C28.M2HET.CO2	21881871.5000	1758816.8475	32794294.0000	26013677.7500
000009	00	780502PC0500285C28.M1HET.CO2	4274384.0000	1222222.2222	6155258.5000	31252551.5000
000010	00	780503PC0500285C13.M3HET.CO2	42205700.5000	293036.6680	38849988.5000	53012064.5000
000011	00	780504PC0500285C18.M3HET.CO2	.0000	637436.0937	2755542.0312	242223.8800
000012	00	780504PC0500285C18.M2HET.CO2	38892624.5000	133758.4805	4255398.7000	2830552.7500
000013	00	780504PC0500285C18.M1HET.CO2	42460641.0000	628899.3784	4611292.5000	52194260.5000
000014	00	780504PC0500285C28.M3HET.CO2	.0000	52146.8000	4882109.4692	477541.2422
000015	00	780504PC0500285C28.M1HET.CO2	7017333.6250	823570.6806	2197074.0000	15993231.6250
000016	00	780504PC0500285C28.M2HET.CO2	29238254.5000	549051.7411	1801015.8800	19792148.5000
000017	00	780504PC0500285C28.M3HET.CO2	35420960.0000	3842322.2222	3800418.0000	46601838.2500
000018	00	780521CC0500285C18.M3HET.CO2	.0000	15839.8201	21999.7500	16719.8101
000019	00	780521CC0500285C18.M1HET.CO2	2728440.0000	13493.1801	2032190.2500	281674.6875
000020	00	780521CC0500285C18.M2HET.CO2	32776275.0000	25519.7100	2752365.5000	18407044.2500
000021	00	780521CC0500285C18.M3HET.CO2	36127403.0000	604717.8125	3468644.3000	21403983.5000
000022	00	780523CC0500285C28.M3HET.CO2	.0000	21999.7500	27279.5899	533567.0000
000023	00	780523CC0500285C18.M3HET.CO2	4859598.0000	86328.9501	139795.3984	4030647.6312
000024	00	780523CC0500285C18.M1HET.CO2	24524784.0000	433731.0400	3846315.5000	24451938.7500
000025	00	780523CC0500285C18.M2HET.CO2	25280759.5000	224134.1211	41228705.0000	30345282.0000
000026	00	780523CC0500285C28.M3HET.CO2	.0000	31679.5401	361675.8906	231730.7012
000027	00	780523CC0500285C28.M1HET.CO2	44135505.0000	220877.4902	34051647.5000	32429098.2500
000028	00	780523CC0500285C18.M3HET.CO2	.0000	271036.9180	324716.3086	255490.4297
000029	00	780523CC0500285C18.M2HET.CO2	39815185.5000	200384.3906	49439060.5000	40393301.0000
000030	00	780523CC0500285C18.M1HET.CO2	36343000.5000	90345.6396	39832160.5000	30459387.2500
000031	00	780523CC0500285C28.M3HET.CO2	.0000	266050.3086	558793.6484	941002.6400
000032	00	780523CC0500285C28.M1HET.CO2	13015072.1875	56385.7406	415637.2500	11162986.5000
000033	00	780523CC0500285C28.M2HET.CO2	1230678.7812	160744.8398	34083976.0000	41042940.5000
000034	00	780524CC0500285C18.M1HET.CO2	11779255.8750	114985.3604	9754689.1250	9461012.2500
000035	00	780524CC0500285C13.M1HET.CO2	38795532.5000	78612.4404	42737007.5000	28928791.2500
000036	00	780524CC0500285C18.M3HET.CO2	30957168.2500	415355.2812	43964990.0000	40166450.0000
000037	00	780524CC0500285C28.M1HET.CO2	6753043.2500	75972.4697	9010804.2500	8412117.7500
000038	00	780524CC0500285C28.M2HET.CO2	41052707.0000	207600.8125	41173852.0000	41453689.0000
000039	00	780501PC0500285C18.M3HET.INS	.0000	12677.8000	25421.3999	23314.3999
000040	00	780501PC0500285C18.M2HET.INS	26434.0001	17575.0001	19352.8000	16581.3999
000041	00	780501PC0500285C28.M3HET.INS	.0000	11041.4000	16402.0000	14557.0000
000042	00	780501PC0500285C28.M1HET.INS	11959.0000	19051.0000	24761.3999	24882.3999
000043	00	780502PC0500285C18.M1HET.INS	17139.9999	25022.0000	34176.7999	18365.0000
000044	00	780502PC0500285C18.M2HET.INS	4385.0001	29526.0001	38045.6001	41529.6001
000045	00	780502PC0500285C18.M3HET.INS	42989.7998	28801.8000	51883.0000	53108.6001
000046	00	780502PC0500285C28.M1HET.INS	37589.3999	23679.2000	41546.2002	32183.6001
000047	00	780502PC0500285C28.M2HET.INS	43556.3999	46471.0000	47108.6001	39262.2002
000048	00	780502PC0500285C18.M1HET.INS	20902.8001	7896.8008	31266.6006	31119.0000
000049	00	780504PC0500285C13.M3HET.INS	.0000	17026.5999	14279.6000	15124.4000
000050	00	780504PC0500285C18.M2HET.INS	28408.0000	17287.2000	33156.7998	29179.2000
000051	00	780504PC0500285C18.M1HET.INS	34134.1997	25559.2000	36223.6001	37456.3999
000052	00	780504PC0500285C28.M3HET.INS	.0000	12701.8000	11643.8000	21698.3999
000053	00	780504PC0500285C28.M1HET.INS	18478.0000	13811.8000	13768.8001	21317.5001
000054	00	780504PC0500285C28.M2HET.INS	23070.0000	18844.8001	12360.8000	23159.2000
000055	00	780504PC0500285C18.M3HET.INS	34329.6001	18844.8001	27035.0000	32545.2000
000056	00	780504PC0500285C18.M2HET.INS	.0000	11447.8000	11503.6000	7470.8000
000057	00	780521CC0500285C18.M1HET.INS	23154.2000	11447.8000	12347.2000	16872.2000
000058	00	780521CC0500285C18.M2HET.INS	29581.8000	9891.0000	2361.6000	21024.8000
000059	00	780521CC0500285C18.M3HET.INS	28763.8000	10158.0000	18507.0000	37770.7999
000060	00	780521CC0500285C28.M3HET.INS	.0000	12666.0000	9284.2000	14395.2001
000061	00	780522CC0500285C18.M3HET.INS	.0000	1881.8000	17200.2000	27651.8000
000062	00	780522CC0500285C18.M1HET.INS	25736.8000	1853.2000	24861.6001	25125.8000
000063	00	780522CC0500285C18.M2HET.INS	32799.8001	1853.2000	26179.8000	26179.8001
000064	00	780522CC0500285C18.M1HET.INS	.0000	21857.3999	21620.6001	26595.2000
000065	00	780522CC0500285C28.M3HET.INS	49756.7998	25151.0000	54576.2002	57355.2002
000066	00	780523CC0500285C18.M3HET.INS	.0000	14405.8000	30157.0000	20231.4001
000067	00	780523CC0500285C18.M2HET.INS	24021.8000	16562.2000	35571.3999	37183.7998
000068	00	780523CC0500285C18.M1HET.INS	32881.6001	17079.7998	38541.6001	38541.6001
000069	00	780523CC0500285C28.M3HET.INS	.0000	17079.7998	17079.7998	28190.8000
000070	00	780523CC0500285C28.M2HET.INS	29013.8001	17079.7998	38541.6001	29170.8000
000071	00	780523CC0500285C28.M1HET.INS	14292.8000	17079.7998	38541.6001	29170.8001



000074	00	780523CC0500285C2B.M3HET.INS	35483.6001	26236.4001	44560.2002	33966.1997
000075	00	780524CC0500285C1B.M0HET.INS	.0000	14453.0000	21763.2000	19502.3999
000076	00	780524CC0500285C1B.M1HET.INS	24425.6001	11912.2000	25751.0000	23965.3999
000077	00	780524CC0500285C1B.M2HET.INS	12261.0000	17021.0000	13711.0000	11104.0000
000078	00	780524CC0500285C1B.M3HET.INS	25296.0000	20045.0000	31800.0001	28632.0001
000079	00	780524CC0500285C2B.M1HET.INS	25286.0000	19028.0001	20284.0000	30392.0001
000080	00	780524CC0500285C2B.M2HET.INS	17922.0000	.0000	.0000	.0000
000081	00	780501PC0500285C1B.M0HET.SOL	.0000	145531.8008	149968.1992	142468.5996
000082	00	780501PC0500285C1B.M1HET.SOL	160720.4004	231748.2012	175685.0000	159028.8008
000083	00	780501PC0500285C2B.M0HET.SOL	.0000	153267.4004	109495.4004	151330.1992
000084	00	780501PC0500285C2B.M1HET.SOL	160487.4004	214038.8008	111379.4004	200287.1992
000085	00	780502PC0500285C1B.M1HET.SOL	127379.4004	192942.8008	165993.0000	187034.8008
000086	00	780502PC0500285C1B.M2HET.SOL	148695.0008	219970.5996	144305.8008	117091.7998
000087	00	780502PC0500285C1B.M3HET.SOL	149362.0004	246840.4004	166874.1992	175091.1992
000088	00	780502PC0500285C2B.M2HET.SOL	154263.5996	202810.4004	192809.0000	120399.7998
000089	00	780502PC0500285C2B.M3HET.SOL	131478.1992	181488.5996	146774.8008	148205.5996
000090	00	780503PC0500285C1B.M3HET.SOL	164314.1992	127938.2002	110612.2002	145051.4004
000091	00	780504PC0500285C1B.M0HET.SOL	.0000	175251.5996	142398.4996	150452.5996
000092	00	780504PC0500285C1B.M1HET.SOL	159717.5996	231669.0000	168351.4004	98569.4004
000093	00	780504PC0500285C1B.M2HET.SOL	119419.7998	238266.5996	166862.0000	168643.5996
000094	00	780504PC0500285C2B.M0HET.SOL	.0000	132212.1992	144556.0004	150198.8008
000095	00	780504PC0500285C2B.M1HET.SOL	87479.0000	169152.8008	108685.0000	102097.5996
000096	00	780504PC0500285C2B.M2HET.SOL	147110.0008	112842.0000	112000.7998	101733.5996
000097	00	780504PC0500285C2B.M3HET.SOL	187484.0000	148007.5996	144437.0000	122041.0000
000098	00	780521CC0500285C1B.M0HET.SOL	.0000	204081.0000	271872.0000	161040.1992
000099	00	780521CC0500285C1B.M1HET.SOL	130444.2002	216173.5996	148969.5996	221855.8008
000100	00	780521CC0500285C1B.M2HET.SOL	166950.5996	154947.8008	111169.2002	180316.5996
000101	00	780521CC0500285C1B.M3HET.SOL	161969.1992	160072.4004	144613.0000	186291.0000
000102	00	780521CC0500285C2B.M0HET.SOL	.0000	296950.8008	192170.4004	213298.4004
000103	00	780522CC0500285C1B.M0HET.SOL	.0000	209996.5996	143379.8008	261826.2012
000104	00	780522CC0500285C1B.M1HET.SOL	202285.4004	185683.1992	137047.5996	149444.8008
000105	00	780522CC0500285C1B.M2HET.SOL	140127.4004	140346.5996	152123.5996	122042.0000
000106	00	780522CC0500285C1B.M3HET.SOL	127862.7998	238670.0000	164845.8008	139244.5996
000107	00	780522CC0500285C2B.M0HET.SOL	.0000	175444.4004	155832.8008	236476.4004
000108	00	780522CC0500285C2B.M1HET.SOL	141400.4004	194608.8008	165048.0000	174083.1992
000109	00	780523CC0500285C1B.M0HET.SOL	.0000	249449.0000	277250.8008	224148.8008
000110	00	780523CC0500285C1B.M1HET.SOL	170771.4004	222924.5996	170681.8008	172524.5996
000111	00	780523CC0500285C1B.M2HET.SOL	129473.4004	246018.8008	190692.4004	125610.0000
000112	00	780523CC0500285C2B.M0HET.SOL	.0000	260094.4004	277975.1992	254310.2012
000113	00	780523CC0500285C2B.M1HET.SOL	201165.0000	334023.0000	173617.0004	216574.4004
000114	00	780523CC0500285C2B.M2HET.SOL	173227.1992	190310.4004	160989.8008	160997.1992
000115	00	780524CC0500285C1B.M0HET.SOL	.0000	280785.3984	300581.0000	200527.4004
000116	00	780524CC0500285C1B.M1HET.SOL	152472.8008	232505.4004	173854.5996	176574.8008
000117	00	780524CC0500285C1B.M2HET.SOL	142516.1992	200781.0004	164109.1992	142417.8008
000118	00	780524CC0500285C1B.M3HET.SOL	130271.2002	207051.1992	144477.1992	138834.0000
000119	00	780524CC0500285C2B.M1HET.SOL	144370.1992	173095.8008	135811.5996	158498.4004
000120	00	780524CC0500285C2B.M2HET.SOL	145029.1992	149074.4004	17204.4004	148389.1992

END ELT.

JMDC.P \*\*\*\*\* LIP \*\*\*\*\*

DELTA RFHLBCR1.LIP  
ELT037 SL73R1 0573979 11 55 15 (0,1)

000001	00	780501PC0500285C18	MOLIP.C02	.0000	3049200.0000	1972850.0000	3665270.0000
000002	00	780501PC0500285C18	MOLIP.C02	87005600.0000	280350.0000	100101100.0000	67057100.0000
000003	00	780501PC0500285C18	MOLIP.C02	14515600.0000	5160650.0000	89366200.0000	104567100.0000
000004	00	780501PC0500285C18	MOLIP.C02	.0000	275550.0000	1402500.0000	5641350.0000
000005	00	780501PC0500285C18	MOLIP.C02	612150.0000	635800.0000	17304100.0000	4430250.0000
000006	00	780501PC0500285C18	MOLIP.C02	.0000	289700.0000	172700.0000	340250.0000
000007	00	780501PC0500285C18	MOLIP.C02	795000.0000	1214250.0000	2599000.0000	581800.0000
000008	00	780501PC0500285C18	MOLIP.C02	4211250.0000	1222150.0000	14436750.0000	3304900.0000
000009	00	780502PC0500285C28	MOLIP.C02	.0000	.0000	18163700.0000	5958150.0000
000010	00	780502PC0500285C28	MOLIP.C02	1309000.0000	206800.0000	4097500.0000	201850.0000
000011	00	780502PC0500285C28	MOLIP.C02	7888100.0000	21893370.0000	2126500.0000	70230200.0000
000012	00	780503PC0500285C28	MOLIP.C02	.0000	35200.0000	.0000	.0000
000013	00	780503PC0500285C28	MOLIP.C02	.0000	.0000	6596900.0000	164450.0000
000014	00	780503PC0500285C28	MOLIP.C02	1374450.0000	.0000	5548950.0000	30250.0000
000015	00	780503PC0500285C28	MOLIP.C02	4962100.0000	122650.0000	3885750.0000	4682150.0000
000016	00	780504PC0500285C18	MOLIP.C02	.0000	6122950.0000	770450.0000	752450.0000
000017	00	780504PC0500285C18	MOLIP.C02	1752300.0000	9613450.0000	245300.0000	7493750.0000
000018	00	780504PC0500285C18	MOLIP.C02	1192400.0000	2059950.0000	2104950.0000	22813450.0000
000019	00	780504PC0500285C18	MOLIP.C02	2440900.0000	2856700.0000	10003400.0000	4607900.0000
000020	00	780504PC0500285C18	MOLIP.C02	949300.0000	9382450.0000	563750.0000	400400.0000
000021	00	780521CC0500285C18	MOLIP.C02	11576400.0000	451000.0000	19958400.0000	14296700.0000
000022	00	780521CC0500285C18	MOLIP.C02	8164750.0000	22015400.0000	79943450.0000	99982300.0000
000023	00	780522CC0500285C18	MOLIP.C02	.0000	309650.0000	6227700.0000	490050.0000
000024	00	780522CC0500285C18	MOLIP.C02	335700.0000	1324350.0000	122250.0000	2207950.0000
000025	00	780522CC0500285C18	MOLIP.C02	3557750.0000	19748300.0000	40677450.0000	35367750.0000
000026	00	780522CC0500285C18	MOLIP.C02	4935750.0000	19250.0000	11314500.0000	3546100.0000
000027	00	780522CC0500285C18	MOLIP.C02	48950.0000	3589850.0000	10290.0000	1851100.0000
000028	00	780522CC0500285C18	MOLIP.C02	3254250.0000	3824250.0000	2101330.0000	4042200.0000
000029	00	780523CC0500285C18	MOLIP.C02	13200.0000	1541100.0000	12557050.0000	40700.0000
000030	00	780523CC0500285C18	MOLIP.C02	4108500.0000	1513600.0000	14538750.0000	45764950.0000
000031	00	780523CC0500285C18	MOLIP.C02	.0000	353650.0000	624800.0000	4171750.0000
000032	00	780523CC0500285C18	MOLIP.C02	2979900.0000	633600.0000	85573050.0000	31396750.0000
000033	00	780523CC0500285C18	MOLIP.C02	11062150.0000	507100.0000	11903550.0000	30065750.0000
000034	00	780523CC0500285C18	MOLIP.C02	22203500.0000	2998600.0000	111747000.0000	69365450.0000
000035	00	780524CC0500285C18	MOLIP.C02	.0000	2470300.0000	5281100.0000	3055700.0000
000036	00	780524CC0500285C18	MOLIP.C02	15228950.0000	414150.0000	71927300.0000	51123050.0000
000037	00	780524CC0500285C18	MOLIP.C02	9033200.0000	443300.0000	11781000.0000	6241300.0000
000038	00	780524CC0500285C18	MOLIP.C02	14762550.0000	40150.0000	63582750.0000	776500.0000
000039	00	780524CC0500285C18	MOLIP.C02	.0000	1386950.0000	4802050.0000	114000.0000
000040	00	780524CC0500285C18	MOLIP.C02	256300.0000	4887200.0000	9822800.0000	114000.0000
000041	00	780501PC0500285C18	MOLIP.INS	.0000	231952.2012	243502.8008	257488.4004
000042	00	780501PC0500285C18	MOLIP.INS	195609.0000	141091.1992	323789.8008	91619.4004
000043	00	780501PC0500285C18	MOLIP.INS	254751.8008	362279.8008	297534.3984	258204.5996
000044	00	780501PC0500285C18	MOLIP.INS	.0000	278475.5972	273791.1992	135783.2002
000045	00	780502PC0500285C28	MOLIP.INS	104393.1992	279710.6016	83010.5996	23220.0000
000046	00	780502PC0500285C28	MOLIP.INS	.0000	160302.5996	389910.3984	429330.4023
000047	00	780502PC0500285C28	MOLIP.INS	230113.5996	204261.8008	409989.1992	359940.3984
000048	00	780502PC0500285C28	MOLIP.INS	288438.8008	378037.1992	444037.1992	36883.1992
000049	00	780502PC0500285C28	MOLIP.INS	.0000	217681.2012	409547.6016	355118.3984
000050	00	780502PC0500285C28	MOLIP.INS	210577.5996	232290.2012	424018.4023	33643.8008
000051	00	780502PC0500285C28	MOLIP.INS	74873.4004	154067.4004	243516.2012	193040.4004
000052	00	780503PC0500285C28	MOLIP.INS	.0000	147914.0000	532512.1953	285054.8008
000053	00	780503PC0500285C28	MOLIP.INS	.0000	159898.8008	338558.8008	301488.8008
000054	00	780503PC0500285C28	MOLIP.INS	165081.8004	159336.4004	309982.1992	341791.8008
000055	00	780503PC0500285C28	MOLIP.INS	209818.5996	272372.8008	332126.6016	269608.3984
000056	00	780504PC0500285C18	MOLIP.INS	.0000	202223.1992	610002.8008	804160.4023
000057	00	780504PC0500285C18	MOLIP.INS	172935.1992	206873.1992	258392.8008	219490.4004
000058	00	780504PC0500285C18	MOLIP.INS	210963.5996	319465.3984	205721.5996	167682.4004
000059	00	780504PC0500285C18	MOLIP.INS	280350.3984	401238.0000	289444.0000	181783.4004
000060	00	780504PC0500285C18	MOLIP.INS	189530.5996	296702.0000	441599.4023	314247.0000
000061	00	780521CC0500285C18	MOLIP.INS	172527.4004	113453.6006	196317.4004	202019.8008
000062	00	780521CC0500285C18	MOLIP.INS	195453.4004	202618.5996	303874.3984	201827.8008
000063	00	780522CC0500285C18	MOLIP.INS	.0000	308866.0000	180356.8008	392879.8008
000064	00	780522CC0500285C18	MOLIP.INS	246696.0000	250640.8008	300731.0000	136348.1992
000065	00	780522CC0500285C18	MOLIP.INS	285791.6016	260554.8008	257009.5996	270200.3984
000066	00	780522CC0500285C18	MOLIP.INS	336304.2012	227829.0000	214400.0000	263910.3984
000067	00	780522CC0500285C18	MOLIP.INS	305212.8008	248511.8008	262465.8008	236290.0000
000068	00	780522CC0500285C18	MOLIP.INS	281331.3984	196176.8008	247115.1992	308855.6016
000069	00	780523CC0500285C18	MOLIP.INS	215625.8008	294134.6016	437947.6016	305747.8008
000070	00	780523CC0500285C18	MOLIP.INS	258148.2012	246037.0000	241046.5996	305570.8008
000071	00	780523CC0500285C18	MOLIP.INS	.0000	151874.4004	295001.3984	333096.0000
000072	00	780523CC0500285C18	MOLIP.INS	180956.8008	182308.8008	176697.4004	278747.8008
000073	00	780523CC0500285C18	MOLIP.INS	125727.4004	215044.8008	303308.6016	170410.5996

000074	00	780523CC0500285C2B.M3LIP.INS	236074.5996	347616.0000	82746.4004	261042.4004
000075	00	780524CC0500285C1B.M3LIP.INS	.0000	83233.7998	261175.5996	726054.5996
000076	00	780524CC0500285C1B.M1LIP.INS	158364.0000	159795.8008	198217.4004	318028.1992
000077	00	780524CC0500285C1B.M2LIP.INS	182513.1992	128685.0000	352599.1992	299171.6016
000078	00	780524CC0500285C1B.M3LIP.INS	241389.0000	162829.8008	290122.3984	215429.8008
000079	00	780524CC0500285C2B.M3LIP.INS	.0000	218800.0000	288729.5977	274334.8008
000080	00	780524CC0500285C2B.M1LIP.INS	180744.5996	217200.8000	288242.8008	250052.0000
000081	00	780501PC0500285C1B.M3LIP.SOL	.0000	49.4000	44.4000	40.8000
000082	00	780501PC0500285C1B.M1LIP.SOL	77.6000	25.8000	1869.4000	1529.4000
000083	00	780501PC0500285C1B.M3LIP.SOL	329.8000	94.0000	1189.0000	1747.0000
000084	00	780501PC0500285C2B.M3LIP.SOL	.0000	97.0000	45.0000	56.0000
000085	00	780501PC0500285C2B.M2LIP.SOL	149.0000	42.8000	1179.4000	1976.6000
000086	00	780502PC0500285C1B.M3LIP.SOL	.0000	43.8000	39.2000	80.6000
000087	00	780502PC0500285C1B.M1LIP.SOL	456.4000	47.2000	1160.6000	2224.0000
000088	00	780502PC0500285C1B.M2LIP.SOL	397.6000	48.0000	682.2000	1041.2000
000089	00	780502PC0500285C2B.M3LIP.SOL	.0000	77.8000	48.2000	47.8000
000090	00	780502PC0500285C2B.M1LIP.SOL	258.6000	39.6000	477.0000	942.6000
000091	00	780502PC0500285C2B.M2LIP.SOL	160.6000	62.0000	593.4000	1305.0000
000092	00	780503PC0500285C1B.M3LIP.SOL	.0000	51.2000	128.6000	39.4000
000093	00	780503PC0500285C2B.M3LIP.SOL	.0000	143.8000	89.8000	87.8000
000094	00	780503PC0500285C2B.M1LIP.SOL	367.8000	24.0000	1365.0000	1135.8000
000095	00	780503PC0500285C2B.M2LIP.SOL	233.2000	56.4000	911.4000	1844.8000
000096	00	780504PC0500285C1B.M3LIP.SOL	.0000	100.8000	109.8000	144.2000
000097	00	780504PC0500285C1B.M1LIP.SOL	240.8000	91.6000	793.0000	1627.6000
000098	00	780504PC0500285C1B.M2LIP.SOL	334.8000	81.0000	676.4000	1504.8000
000099	00	780504PC0500285C1B.M3LIP.SOL	689.8000	58.8000	806.2000	2518.6000
000100	00	780504PC0500285C2B.M1LIP.SOL	407.4000	106.8000	1728.6000	1989.6000
000101	00	780521CC0500285C2B.M1LIP.SOL	389.2000	209.8000	787.8000	399.2000
000102	00	780521CC0500285C2B.M3LIP.SOL	569.0000	59.8000	700.4000	2629.4000
000103	00	780522CC0500285C1B.M3LIP.SOL	.0000	56.2000	82.4000	69.8000
000104	00	780522CC0500285C1B.M2LIP.SOL	116.8000	85.8000	788.8000	648.8000
000105	00	780522CC0500285C1B.M3LIP.SOL	476.2000	67.2000	340.4000	1077.0000
000106	00	780522CC0500285C2B.M1LIP.SOL	205.0000	40.6000	1782.4000	1367.4000
000107	00	780522CC0500285C2B.M2LIP.SOL	58.0000	15.2000	296.6000	292.6000
000108	00	780522CC0500285C2B.M3LIP.SOL	214.2000	28.6000	51.8000	820.8000
000109	00	780523CC0500285C1B.M3LIP.SOL	163.8000	18.0000	100.0000	563.8000
000110	00	780523CC0500285C1B.M1LIP.SOL	288.0000	17.0000	1311.0000	1286.0000
000111	00	780523CC0500285C1B.M2LIP.SOL	288.0000	17.0000	1311.0000	1286.0000
000112	00	780523CC0500285C2B.M1LIP.SOL	57.6000	48.2000	1035.0000	595.6000
000113	00	780523CC0500285C2B.M2LIP.SOL	44.6000	40.8000	1035.6000	258.6000
000114	00	780523CC0500285C2B.M3LIP.SOL	892.8000	72.2000	79.6000	951.0000
000115	00	780524CC0500285C1B.M3LIP.SOL	.0000	42.2000	41.6000	36.8000
000116	00	780524CC0500285C1B.M1LIP.SOL	80.6000	17.2000	1311.0000	1210.0000
000117	00	780524CC0500285C1B.M2LIP.SOL	111.8000	11.8000	111.8000	1501.4000
000118	00	780524CC0500285C1B.M3LIP.SOL	44.6000	44.6000	0.0000	88.2000
000119	00	780524CC0500285C2B.M1LIP.SOL	74.8000	61.4000	74.8000	1220.8000

END ELT.

SH0030	*****	FIX	*****				
ELT107	SL73R1	35/29/79	11 53 16 (0,)				
000001	00	780501PC0500285C18	.M3NFIXC02	68946.50	68946.50	68946.50	68946.50
000002	00	780501PC0500285C18	.M1NFIXC02	55157.20	34473.25	57915.06	60672.92
000003	00	780501PC0500285C18	.M2NFIXC02	48262.55	44125.76	45504.69	48262.55
000004	00	780501PC0500285C18	.M3NFIXC02	52399.34	52399.34	55157.20	60672.92
000005	00	780501PC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000006	00	780501PC0500285C18	.M2NFIXC02	48262.55	44125.76	45504.69	48262.55
000007	00	780501PC0500285C18	.M3NFIXC02	52399.34	52399.34	55157.20	60672.92
000008	00	780501PC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000009	00	780502PC0500285C18	.M3NFIXC02	52399.34	52399.34	57915.06	60672.92
000010	00	780502PC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000011	00	780502PC0500285C18	.M2NFIXC02	55157.20	60672.92	34473.25	51020.41
000012	00	780502PC0500285C18	.M3NFIXC02	39988.97	48262.55	34473.25	28957.53
000013	00	780502PC0500285C18	.M1NFIXC02	45504.69	57915.06	48262.55	52399.34
000014	00	780502PC0500285C18	.M2NFIXC02	68946.50	68946.50	68946.50	68946.50
000015	00	780502PC0500285C18	.M3NFIXC02	37231.11	63430.78	51020.41	48262.55
000016	00	780502PC0500285C18	.M1NFIXC02	48262.55	45504.69	49641.48	48262.55
000017	00	780502PC0500285C18	.M2NFIXC02	48262.55	45504.69	49641.48	48262.55
000018	00	780502PC0500285C18	.M3NFIXC02	68946.50	68946.50	68946.50	68946.50
000019	00	780502PC0500285C18	.M1NFIXC02	55157.20	45504.69	55157.20	57915.06
000020	00	780502PC0500285C18	.M2NFIXC02	37231.11	34094.32	41367.90	44125.76
000021	00	780503PC0500285C18	.M3NFIXC02	55157.20	39988.97	37231.11	52399.34
000022	00	780503PC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000023	00	780503PC0500285C18	.M2NFIXC02	57915.06	42746.83	51020.41	55157.20
000024	00	780503PC0500285C18	.M3NFIXC02	34473.25	38336.46	44125.76	31094.32
000025	00	780503PC0500285C18	.M1NFIXC02	55157.20	39988.97	55157.20	52399.34
000026	00	780504PC0500285C18	.M3NFIXC02	68946.50	68946.50	68946.50	68946.50
000027	00	780504PC0500285C18	.M1NFIXC02	60672.92	51020.41	60672.92	63430.78
000028	00	780504PC0500285C18	.M2NFIXC02	39988.97	34473.25	44125.76	44125.76
000029	00	780504PC0500285C18	.M3NFIXC02	48262.55	45504.69	49641.48	48262.55
000030	00	780504PC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000031	00	780504PC0500285C18	.M2NFIXC02	66188.64	55157.20	63430.78	66188.64
000032	00	780504PC0500285C18	.M3NFIXC02	55157.20	39988.97	39988.97	41367.90
000033	00	780504PC0500285C18	.M1NFIXC02	48262.55	45504.69	48262.55	49641.48
000034	00	780504PC0500285C18	.M2NFIXC02	68946.50	68946.50	68946.50	68946.50
000035	00	780504PC0500285C18	.M3NFIXC02	63430.78	60672.92	66188.64	68946.50
000036	00	780521CC0500285C18	.M3NFIXC02	45504.69	45504.69	41367.90	52399.34
000037	00	780521CC0500285C18	.M1NFIXC02	55157.20	55157.20	63430.78	68946.50
000038	00	780521CC0500285C18	.M2NFIXC02	68946.50	68946.50	68946.50	68946.50
000039	00	780521CC0500285C18	.M3NFIXC02	60672.92	55157.20	66188.64	63430.78
000040	00	780521CC0500285C18	.M1NFIXC02	45504.69	39988.97	48262.55	45504.69
000041	00	780521CC0500285C18	.M2NFIXC02	49641.48	45504.69	55157.20	52399.34
000042	00	780521CC0500285C18	.M3NFIXC02	68946.50	68946.50	68946.50	68946.50
000043	00	780521CC0500285C18	.M1NFIXC02	60672.92	51020.41	60672.92	48262.55
000044	00	780521CC0500285C18	.M2NFIXC02	45504.69	39988.97	44125.76	37231.11
000045	00	780521CC0500285C18	.M3NFIXC02	63430.78	48262.55	52399.34	49641.48
000046	00	780521CC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000047	00	780521CC0500285C18	.M2NFIXC02	45504.69	45504.69	41367.90	45504.69
000048	00	780521CC0500285C18	.M3NFIXC02	49641.48	45504.69	55157.20	52399.34
000049	00	780521CC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000050	00	780521CC0500285C18	.M2NFIXC02	60672.92	51020.41	60672.92	48262.55
000051	00	780521CC0500285C18	.M3NFIXC02	45504.69	39988.97	44125.76	37231.11
000052	00	780521CC0500285C18	.M1NFIXC02	63430.78	48262.55	52399.34	49641.48
000053	00	780521CC0500285C18	.M2NFIXC02	45504.69	45504.69	41367.90	45504.69
000054	00	780521CC0500285C18	.M3NFIXC02	49641.48	45504.69	55157.20	52399.34
000055	00	780521CC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000056	00	780521CC0500285C18	.M2NFIXC02	60672.92	51020.41	60672.92	48262.55
000057	00	780521CC0500285C18	.M3NFIXC02	45504.69	39988.97	44125.76	37231.11
000058	00	780521CC0500285C18	.M1NFIXC02	63430.78	48262.55	52399.34	49641.48
000059	00	780521CC0500285C18	.M2NFIXC02	45504.69	45504.69	41367.90	45504.69
000060	00	780521CC0500285C18	.M3NFIXC02	49641.48	45504.69	55157.20	52399.34
000061	00	780521CC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000062	00	780521CC0500285C18	.M2NFIXC02	60672.92	51020.41	60672.92	48262.55
000063	00	780521CC0500285C18	.M3NFIXC02	45504.69	39988.97	44125.76	37231.11
000064	00	780521CC0500285C18	.M1NFIXC02	63430.78	48262.55	52399.34	49641.48
000065	00	780521CC0500285C18	.M2NFIXC02	45504.69	45504.69	41367.90	45504.69
000066	00	780521CC0500285C18	.M3NFIXC02	49641.48	45504.69	55157.20	52399.34
000067	00	780521CC0500285C18	.M1NFIXC02	68946.50	68946.50	68946.50	68946.50
000068	00	780521CC0500285C18	.M2NFIXC02	60672.92	51020.41	60672.92	48262.55
000069	00	780521CC0500285C18	.M3NFIXC02	45504.69	39988.97	44125.76	37231.11
000070	00	780521CC0500285C18	.M1NFIXC02	63430.78	48262.55	52399.34	49641.48
000071	00	780521CC0500285C18	.M2NFIXC02	45504.69	45504.69	41367.90	45504.69
000072	00	780501PC0500285C23	.M3NFIXN2	120217.50	133818.75	127237.50	128553.75
000073	00	780502PC0500285C18	.M1NFIXN2	131625.00	131625.00	131625.00	131625.00



HHDG,P ***** NFIXTN *****							
0ELT,L	RFHLBCR1	NFIXTN					
0ELT07	SL73R1	05/29/79	11 53 17 (0,)				
000001	00	780501PC0500285C18	.M NFIX.TN	100.	50.	50.	200.
000002	00	780501PC0500285C28	.M NFIX.TN	100.	200.	50.	200.
000003	00	780502PC0500285C18	.M NFIX.TN	100.	100.	300.	300.
000004	00	780502PC0500285C28	.M NFIX.TN	50.	100.	300.	100.
000005	00	780503PC0500285C18	.M NFIX.TN	50.	50.	300.	50.
000006	00	780503PC0500285C28	.M NFIX.TN	100.	200.	50.	100.
000007	00	780504PC0500285C18	.M NFIX.TN	400.	50.	300.	50.
000008	00	780504PC0500285C28	.M NFIX.TN	400.	200.	400.	100.
000009	00	780521CC0500285C18	.M NFIX.TN	50.	300.	300.	200.
000010	00	780521CC0500285C28	.M NFIX.TN	200.	200.	50.	50.
000011	00	780522CC0500285C18	.M NFIX.TN	100.	50.	300.	400.
000012	00	780522CC0500285C28	.M NFIX.TN	2000.	500.	300.	100.
000013	00	780523CC0500285C18	.M NFIX.TN	100.	100.	200.	1000.
000014	00	780523CC0500285C28	.M NFIX.TN	50.	100.	200.	50.
000015	00	780524CC0500285C18	.M NFIX.TN	100.	400.	300.	200.
000015	00	780524CC0500285C28	.M NFIX.TN	100.	100.	1000.	200.
END ELT.							

AMDS,P \*\*\*\*\* NITRIF \*\*\*\*\*

DELTA PFHL3CP1.NITRIF  
ELT007 SL7391 05/29/79 11 57 18 (C.)

000001	00	780501PC5002285C18.M1NIT.NH4	11810.5000	11810.5000	12031.7000	13248.2999
000002	00	780501PC5002285C18.M2NIT.NH4	13508.9999	11597.2000	13730.2001	13248.2999
000003	00	780501PC5002285C18.M3NIT.NH4	14338.5000	11984.2999	11984.2999	11763.1000
000004	00	780501PC5002285C18.M1NIT.NH4	11115.2999	12379.2999	13208.7999	12205.5000
000005	00	780501PC5002285C18.M2NIT.NH4	13469.4999	11549.7999	11944.7999	10247.2999
000006	00	780501PC5002285C18.M3NIT.NH4	11240.6000	11510.2999	13508.9999	10633.4000
000007	00	780501PC5002285C18.M1NIT.NH4	11549.7999	11857.8999	11549.7999	11897.3999
000008	00	780502PC5002285C18.M1NIT.NH4	13730.2001	13730.2001	11597.2000	13295.6999
000009	00	780502PC5002285C18.M2NIT.NH4	13903.9999	12331.8999	13248.2999	14599.2000
000010	00	780502PC5002285C18.M3NIT.NH4	11028.4000	11944.7999	11115.2999	11115.2999
000011	00	780502PC5002285C18.M1NIT.NH4	12687.3999	15033.7000	13817.1000	15207.5000
000012	00	780502PC5002285C18.M2NIT.NH4	14251.5999	14251.5999	15041.8999	14125.2899
000013	00	780502PC5002285C18.M3NIT.NH4	12205.5000	13769.7000	11162.7000	13422.1000
000014	00	780502PC5002285C18.M1NIT.NH4	11336.5000	11423.4000	10854.6000	11289.0999
000015	00	780502PC5002285C18.M2NIT.NH4	13682.7999	13027.1000	12937.6000	14954.7000
000016	00	780502PC5002285C18.M3NIT.NH4	14125.2001	14125.2001	13642.7999	14785.9000
000017	00	780503PC5002285C18.M1NIT.NH4	11897.3999	12205.5000	12466.2000	12292.3999
000018	00	780503PC5002285C18.M2NIT.NH4	11723.6000	14867.7999	9369.3999	11810.5000
000019	00	780503PC5002285C18.M3NIT.NH4	12861.2000	15997.5000	14164.7000	14733.5000
000020	00	780503PC5002285C18.M1NIT.NH4	13730.2001	13730.2001	13730.2001	13556.4000
000021	00	780503PC5002285C18.M2NIT.NH4	12418.7999	12813.7999	13382.6000	11723.6000
000022	00	780503PC5002285C18.M3NIT.NH4	13730.2001	12205.5000	12114.6000	11462.8999
000023	00	780504PC5002285C18.M1NIT.NH4	13656.5999	12861.2000	13121.8999	11423.4000
000024	00	780504PC5002285C18.M2NIT.NH4	13295.4999	13295.4999	13295.4999	13730.2001
000025	00	780504PC5002285C18.M3NIT.NH4	14125.2001	14994.2000	13335.2001	15033.7000
000026	00	780504PC5002285C18.M1NIT.NH4	14385.9000	14559.7000	13208.7999	11984.2999
000027	00	780504PC5002285C18.M2NIT.NH4	11462.8999	10680.7999	11115.2999	11336.5000
000028	00	780504PC5002285C18.M3NIT.NH4	15033.7000	15033.7000	15341.8000	13295.6999
000029	00	780504PC5002285C18.M1NIT.NH4	10333.2000	10680.7999	11954.2999	14646.5999
000030	00	780504PC5002285C18.M2NIT.NH4	12418.7999	12071.2000	11115.2999	11115.2999
000031	00	780504PC5002285C18.M3NIT.NH4	11549.7999	11162.7000	12154.1000	12553.1000
000032	00	780521CC5002285C18.M1NIT.NH4	13582.6000	12513.6000	10941.5000	12640.0000
000033	00	780521CC5002285C18.M2NIT.NH4	11857.2999	10633.4000	11549.7999	11115.2999
000034	00	780521CC5002285C18.M3NIT.NH4	10111.2999	12114.6000	12114.6000	11549.7999
000035	00	780521CC5002285C18.M1NIT.NH4	11954.2999	12205.5000	11336.5000	11115.2999
000036	00	780521CC5002285C18.M2NIT.NH4	11115.2999	11115.2999	11549.7999	10680.7999
000037	00	780521CC5002285C18.M3NIT.NH4	12292.3999	11944.7999	12861.2000	11162.7000
000038	00	780522CC5002285C18.M1NIT.NH4	11240.6000	11240.6000	12517.6000	10726.2999
000039	00	780522CC5002285C18.M2NIT.NH4	11462.8999	12114.6000	12114.6000	12661.2000
000040	00	780522CC5002285C18.M3NIT.NH4	11462.8999	12418.7999	12114.6000	12661.2000
000041	00	780522CC5002285C18.M1NIT.NH4	12593.1000	12861.2000	13730.2001	12114.6000
000042	00	780522CC5002285C18.M2NIT.NH4	14599.2000	11162.7000	11673.2000	11462.8999
000043	00	780522CC5002285C18.M3NIT.NH4	14599.2000	11162.7000	11723.6000	11028.4000
000044	00	780523CC5002285C18.M1NIT.NH4	12726.8999	12726.8999	11810.5000	10680.7999
000045	00	780523CC5002285C18.M2NIT.NH4	11984.2999	12513.6000	13208.7999	13074.4999
000046	00	780523CC5002285C18.M3NIT.NH4	11549.7999	11336.5000	11423.4000	11289.0999
000047	00	780523CC5002285C18.M1NIT.NH4	11549.7999	11028.4000	11810.5000	10894.0999
000048	00	780523CC5002285C18.M2NIT.NH4	12205.5000	11597.2000	11423.4000	11289.0999
000049	00	780523CC5002285C18.M3NIT.NH4	11462.8999	11549.7999	11954.2999	11510.2999
000050	00	780523CC5002285C18.M1NIT.NH4	11763.1000	11763.1000	12771.2000	14599.2000
000051	00	780524CC5002285C18.M1NIT.NH4	12726.8999	12726.8999	13730.2001	12400.2999
000052	00	780524CC5002285C18.M2NIT.NH4	13730.2001	13730.2001	11462.8999	11589.7999
000053	00	780524CC5002285C18.M3NIT.NH4	11810.5000	11115.2999	11462.8999	12158.1000
000054	00	780524CC5002285C18.M1NIT.NH4	11549.7999	11723.6000	11810.5000	11723.6000
000055	00	780524CC5002285C18.M2NIT.NH4	11549.7999	11549.7999	12235.5000	11075.7999
000056	00	780524CC5002285C18.M3NIT.NH4	13248.2999	10980.9999	12513.6000	11549.7999
000057	00	780524CC5002285C18.M1NIT.NH4	11162.7000	11944.7999	11462.8999	11289.0999
000058	00	780524CC5002285C18.M2NIT.NH4	11423.4000	11944.7999	12114.6000	11549.7999
000059	00	780524CC5002285C18.M3NIT.NH4	885.7500	885.7500	885.7500	750.5000
000060	00	780501PC5002285C18.M1NIT.NH4	316.0000	316.0000	316.0000	316.0000
000061	00	780501PC5002285C18.M2NIT.NH4	19.7500	19.7500	19.7500	19.7500
000062	00	780501PC5002285C18.M3NIT.NH4	19.7500	19.7500	19.7500	19.7500
000063	00	780501PC5002285C18.M1NIT.NH4	869.0000	869.0000	1145.0000	513.5000
000064	00	780501PC5002285C18.M2NIT.NH4	19.7500	434.5000	13.7500	19.7500
000065	00	780501PC5002285C18.M3NIT.NH4	19.7500	434.5000	19.7500	19.7500
000066	00	780502PC5002285C18.M1NIT.NH4	19.7500	553.0000	19.7500	19.7500
000067	00	780502PC5002285C18.M2NIT.NH4	493.7500	493.7500	849.0000	908.5000





000112	00	780523PC0500285C26	M3NIT.N03	16.1792	18.1384	19.7704	16.1792
000113	00	780524PC0500285C18	M0NIT.N03	16.1792	16.1792	16.1792	16.1792
000154	00	780524PC0500285C18	M1NIT.N03	18.7704	22.0568	19.4340	19.4340
000155	00	780524PC0500285C16	M2NIT.N03	16.1792	20.7612	19.4340	21.3932
000156	00	780524PC0500285C18	M3NIT.N03	18.7704	18.1384	13.5564	19.4340
000157	00	780524PC0500285C24	M0NIT.N03	16.1792	16.1792	19.4340	16.1792
000158	00	780524PC0500285C26	M1NIT.N03	21.3932	19.4340	23.0568	18.7704
000159	00	780524PC0500285C28	M2NIT.N03	16.1792	15.5156	19.7704	16.1792
000160	00	780524PC0500285C29	M3NIT.N03	15.5156	18.1384	17.4748	15.1792
000161	00	780521CC0500285C18	M0NIT.N03	18.1384	18.1384	19.4340	16.1792
000162	00	780521CC0500285C18	M1NIT.N03	18.1384	25.3432	25.3432	33.1800
000163	00	780521CC0500285C18	M2NIT.N03	15.5156	14.8520	15.5156	16.1792
000164	00	780521CC0500285C18	M3NIT.N03	19.4340	19.4340	18.1384	18.1384
000165	00	780521CC0500285C26	M0NIT.N03	16.8112	16.8112	18.1384	18.1384
000166	00	780521CC0500285C26	M1NIT.N03	13.5564	17.4748	16.1792	19.4340
000167	00	780521CC0500285C26	M2NIT.N03	14.8520	14.8520	14.8520	16.8112
000168	00	780521CC0500285C26	M3NIT.N03	16.8112	17.4748	16.1384	18.1384
000169	00	780522CC0500285C18	M0NIT.N03	17.4748	17.4748	16.1792	16.8112
000170	00	780522CC0500285C18	M1NIT.N03	19.4340	18.7704	23.0568	27.3024
000171	00	780522CC0500285C18	M2NIT.N03	13.5564	14.1884	14.8520	14.1884
000172	00	780522CC0500285C18	M3NIT.N03	16.8112	18.1384	20.0976	16.8112
000173	00	780522CC0500285C28	M0NIT.N03	16.1792	16.1792	15.5156	19.4340
000174	00	780522CC0500285C28	M1NIT.N03	18.7704	20.7612	19.4340	20.0976
000175	00	780522CC0500285C28	M2NIT.N03	16.1792	13.5564	15.5156	15.5156
000176	00	780522CC0500285C28	M3NIT.N03	21.3932	14.1884	19.4340	19.4340
000177	00	780523CC0500285C18	M0NIT.N03	16.1792	16.1792	16.1384	16.1792
000178	00	780523CC0500285C18	M1NIT.N03	18.7704	18.1384	19.4340	22.0568
000179	00	780523CC0500285C18	M2NIT.N03	22.0568	19.7704	19.4340	20.0976
000180	00	780523CC0500285C18	M3NIT.N03	19.4340	16.8112	18.1384	18.1384
000181	00	780523CC0500285C18	M0NIT.N03	14.1788	14.1788	16.6304	17.4748
000182	00	780523CC0500285C26	M1NIT.N03	22.0568	19.4340	25.3432	22.0568
000183	00	780523CC0500285C28	M2NIT.N03	19.4340	20.7612	19.4340	20.0976
000184	00	780523CC0500285C28	M3NIT.N03	19.7704	17.4748	18.1384	19.4340
000185	00	780524CC0500285C18	M0NIT.N03	16.8112	16.8112	16.1792	15.5156
000186	00	780524CC0500285C18	M1NIT.N03	15.5156	16.1792	16.1792	16.1792
000187	00	780524CC0500285C18	M2NIT.N03	19.4340	18.1384	18.1384	20.7612
000188	00	780524CC0500285C18	M3NIT.N03	16.8112	18.1384	19.4340	20.0976
000189	00	780524CC0500285C28	M0NIT.N03	17.4748	17.4748	16.1792	16.1792
000190	00	780524CC0500285C28	M1NIT.N03	19.1384	14.1884	15.5156	16.1792
000191	00	780524CC0500285C28	M2NIT.N03	19.4340	18.7704	19.4340	20.0976
000192	00	780524CC0500285C28	M3NIT.N03	16.8112	18.1384	22.0568	19.4340

END ELT.

AN06.P \*\*\*\*\* NITRIF-REG \*\*\*\*\*

RELT.L PFHLBCP1.NITRIF-REG  
SL7391 06/29/79 11 57 20 40

000001	00	780501PC0500285C1B.MONIT.NH4	1	11610.5000
000002	00	780501PC0500285C1B.MONIT.NH4	2	11610.5000
000003	00	780501PC0500285C1B.MONIT.NH4	3	12031.7000
000004	00	780501PC0500285C1B.MONIT.NH4	4	13246.2000
000005	00	780501PC0500285C1B.MONIT.NH4	1	13508.2000
000006	00	780501PC0500285C1B.MONIT.NH4	2	11597.2000
000007	00	780501PC0500285C1B.MONIT.NH4	3	13737.2001
000008	00	780501PC0500285C1B.MONIT.NH4	4	13246.2000
000009	00	780501PC0500285C1B.M2NIT.NH4	1	14338.5000
000010	00	780501PC0500285C1B.M2NIT.NH4	2	11984.2999
000011	00	780501PC0500285C1B.M2NIT.NH4	3	11984.2999
000012	00	780501PC0500285C1B.M2NIT.NH4	4	11703.1000
000013	00	780501PC0500285C1B.M3NIT.NH4	1	11115.2999
000014	00	780501PC0500285C1B.M3NIT.NH4	2	12370.2999
000015	00	780501PC0500285C1B.M3NIT.NH4	3	13208.7999
000016	00	780501PC0500285C1B.M3NIT.NH4	4	12206.5000
000017	00	780501PC0500285C2B.MONIT.NH4	1	12418.7999
000018	00	780501PC0500285C2B.MONIT.NH4	2	12418.7999
000019	00	780501PC0500285C2B.MONIT.NH4	3	12553.2000
000020	00	780501PC0500285C2B.MONIT.NH4	4	12461.2000
000021	00	780501PC0500285C2B.MONIT.NH4	1	13469.4999
000022	00	780501PC0500285C2B.MONIT.NH4	2	11549.7999
000023	00	780501PC0500285C2B.MONIT.NH4	3	11944.7999
000024	00	780501PC0500285C2B.MONIT.NH4	4	13246.2999
000025	00	780501PC0500285C2B.M2NIT.NH4	1	11249.6000
000026	00	780501PC0500285C2B.M2NIT.NH4	2	11210.2999
000027	00	780501PC0500285C2B.M2NIT.NH4	3	12408.7999
000028	00	780501PC0500285C2B.M2NIT.NH4	4	10437.2000
000029	00	780501PC0500285C2B.M3NIT.NH4	1	11549.7999
000030	00	780501PC0500285C2B.M3NIT.NH4	2	11857.4999
000031	00	780501PC0500285C2B.M3NIT.NH4	3	11549.7999
000032	00	780501PC0500285C2B.M3NIT.NH4	4	11497.2999
000033	00	780502PC0500285C1B.MONIT.NH4	1	15730.2001
000034	00	780502PC0500285C1B.MONIT.NH4	2	13730.2001
000035	00	780502PC0500285C1B.MONIT.NH4	3	11597.2000
000036	00	780502PC0500285C1B.MONIT.NH4	4	13206.5000
000037	00	780502PC0500285C1B.MONIT.NH4	1	13903.9999
000038	00	780502PC0500285C1B.MONIT.NH4	2	12331.8999
000039	00	780502PC0500285C1B.MONIT.NH4	3	13248.2999
000040	00	780502PC0500285C1B.MONIT.NH4	4	14500.2000
000041	00	780502PC0500285C1B.M2NIT.NH4	1	14028.4000
000042	00	780502PC0500285C1B.M2NIT.NH4	2	11944.7999
000043	00	780502PC0500285C1B.M2NIT.NH4	3	11115.2999
000044	00	780502PC0500285C1B.M2NIT.NH4	4	11115.2999
000045	00	780502PC0500285C1B.M3NIT.NH4	1	12687.3999
000046	00	780502PC0500285C1B.M3NIT.NH4	2	15033.7000
000047	00	780502PC0500285C1B.M3NIT.NH4	3	13817.1000
000048	00	780502PC0500285C1B.M3NIT.NH4	4	15207.6000
000049	00	780502PC0500285C2B.MONIT.NH4	1	14251.5999
000050	00	780502PC0500285C2B.MONIT.NH4	2	14251.5999
000051	00	780502PC0500285C2B.MONIT.NH4	3	15061.8999
000052	00	780502PC0500285C2B.MONIT.NH4	4	14324.2001
000053	00	780502PC0500285C2B.M1NIT.NH4	1	12205.5000
000054	00	780502PC0500285C2B.M1NIT.NH4	2	13769.7000
000055	00	780502PC0500285C2B.M1NIT.NH4	3	11162.7000
000056	00	780502PC0500285C2B.M1NIT.NH4	4	13427.1000
000057	00	780502PC0500285C2B.M2NIT.NH4	1	11336.7000
000058	00	780502PC0500285C2B.M2NIT.NH4	2	14273.7000
000059	00	780502PC0500285C2B.M2NIT.NH4	3	14324.2001
000060	00	780502PC0500285C2B.M2NIT.NH4	4	11249.6000
000061	00	780502PC0500285C2B.M3NIT.NH4	1	13682.7999
000062	00	780502PC0500285C2B.M3NIT.NH4	2	13027.1000
000063	00	780502PC0500285C2B.M3NIT.NH4	3	12987.6000
000064	00	780502PC0500285C2B.M3NIT.NH4	4	14054.2000
000065	00	780503PC0500285C1B.MONIT.NH4	1	14125.2001
000066	00	780503PC0500285C1B.MONIT.NH4	2	14125.2001
000067	00	780503PC0500285C1B.MONIT.NH4	3	13682.7999
000068	00	780503PC0500285C1B.MONIT.NH4	4	14324.2001
000069	00	780503PC0500285C1B.M1NIT.NH4	1	11897.3999
000070	00	780503PC0500285C1B.M1NIT.NH4	2	12205.5000
000071	00	780503PC0500285C1B.M1NIT.NH4	3	12466.2000
000072	00	780503PC0500285C1B.M1NIT.NH4	4	12292.3999
000073	00	780503PC0500285C1B.M2NIT.NH4	1	11723.6000

000074	00	780503PC0500285C18	M2NIT.NH4	2	10867.7999
000075	00	780503PC0500285C18	M2NIT.NH4	1	5747.7999
000076	00	780503PC0500285C18	M2NIT.NH4	1	12810.4000
000077	00	780503PC0500285C18	M3NIT.NH4	1	12861.2000
000078	00	780503PC0500285C18	M3NIT.NH4	2	15097.5000
000079	00	780503PC0500285C18	M3NIT.NH4	3	14164.7000
000080	00	780503PC0500285C18	M3NIT.NH4	4	14773.6000
000081	00	780503PC0500285C28	M0NIT.NH4	1	11740.7000
000082	00	780503PC0500285C28	M0NIT.NH4	2	11740.7000
000083	00	780503PC0500285C28	M0NIT.NH4	3	11740.7000
000084	00	780503PC0500285C28	M0NIT.NH4	4	11740.7000
000085	00	780503PC0500285C28	M1NIT.NH4	1	12418.7999
000086	00	780503PC0500285C28	M1NIT.NH4	2	12813.7999
000087	00	780503PC0500285C28	M1NIT.NH4	3	13382.6000
000088	00	780503PC0500285C28	M1NIT.NH4	4	13773.6000
000089	00	780503PC0500285C28	M2NIT.NH4	1	12285.7000
000090	00	780503PC0500285C28	M2NIT.NH4	2	12285.7000
000091	00	780503PC0500285C28	M2NIT.NH4	3	12285.7000
000092	00	780503PC0500285C28	M2NIT.NH4	4	12285.7000
000093	00	780503PC0500285C28	M3NIT.NH4	1	13856.5999
000094	00	780503PC0500285C28	M3NIT.NH4	2	12861.2000
000095	00	780503PC0500285C28	M3NIT.NH4	3	13121.8999
000096	00	780503PC0500285C28	M3NIT.NH4	4	11473.4000
000097	00	780504PC0500285C18	M0NIT.NH4	1	13285.6999
000098	00	780504PC0500285C18	M0NIT.NH4	2	13285.6999
000099	00	780504PC0500285C18	M0NIT.NH4	3	13285.6999
000100	00	780504PC0500285C18	M0NIT.NH4	4	13285.6999
000101	00	780504PC0500285C18	M1NIT.NH4	1	13730.2001
000102	00	780504PC0500285C18	M1NIT.NH4	2	14125.2001
000103	00	780504PC0500285C18	M1NIT.NH4	3	14994.2000
000104	00	780504PC0500285C18	M1NIT.NH4	4	13335.2001
000105	00	780504PC0500285C18	M2NIT.NH4	1	15073.7000
000106	00	780504PC0500285C18	M2NIT.NH4	2	14300.9000
000107	00	780504PC0500285C18	M2NIT.NH4	3	14559.7000
000108	00	780504PC0500285C18	M2NIT.NH4	4	13208.7999
000109	00	780504PC0500285C18	M3NIT.NH4	1	11484.2999
000110	00	780504PC0500285C18	M3NIT.NH4	2	11462.8999
000111	00	780504PC0500285C18	M3NIT.NH4	3	11683.7999
000112	00	780504PC0500285C18	M3NIT.NH4	4	11115.2999
000113	00	780504PC0500285C28	M0NIT.NH4	1	11336.6000
000114	00	780504PC0500285C28	M0NIT.NH4	2	15033.7000
000115	00	780504PC0500285C28	M0NIT.NH4	3	15033.7000
000116	00	780504PC0500285C28	M0NIT.NH4	4	15341.8000
000117	00	780504PC0500285C28	M1NIT.NH4	1	13205.6999
000118	00	780504PC0500285C28	M1NIT.NH4	2	10333.2000
000119	00	780504PC0500285C28	M1NIT.NH4	3	10680.7999
000120	00	780504PC0500285C28	M1NIT.NH4	4	11984.2999
000121	00	780504PC0500285C28	M2NIT.NH4	1	14446.6000
000122	00	780504PC0500285C28	M2NIT.NH4	2	12418.7999
000123	00	780504PC0500285C28	M2NIT.NH4	3	12071.2000
000124	00	780504PC0500285C28	M2NIT.NH4	4	11115.2999
000125	00	780504PC0500285C28	M3NIT.NH4	1	11149.7999
000126	00	780504PC0500285C28	M3NIT.NH4	2	11549.7999
000127	00	780504PC0500285C28	M3NIT.NH4	3	11162.7000
000128	00	780504PC0500285C28	M3NIT.NH4	4	12154.1000
000129	00	780521CC0500285C18	M0NIT.NH4	1	12553.1000
000130	00	780521CC0500285C18	M0NIT.NH4	2	10333.2000
000131	00	780521CC0500285C18	M0NIT.NH4	3	10333.2000
000132	00	780521CC0500285C18	M0NIT.NH4	4	10683.4000
000133	00	780521CC0500285C18	M1NIT.NH4	1	11844.3000
000134	00	780521CC0500285C18	M1NIT.NH4	2	13382.6000
000135	00	780521CC0500285C18	M1NIT.NH4	3	12513.6000
000136	00	780521CC0500285C18	M1NIT.NH4	4	10941.6000
000137	00	780521CC0500285C18	M2NIT.NH4	1	12640.0000
000138	00	780521CC0500285C18	M2NIT.NH4	2	11115.2999
000139	00	780521CC0500285C18	M2NIT.NH4	3	10633.4000
000140	00	780521CC0500285C18	M2NIT.NH4	4	11149.7999
000141	00	780521CC0500285C18	M3NIT.NH4	1	11857.8999
000142	00	780521CC0500285C18	M3NIT.NH4	2	11857.8999
000143	00	780521CC0500285C18	M3NIT.NH4	3	12114.6000
000144	00	780521CC0500285C18	M3NIT.NH4	4	11897.3999
000145	00	780521CC0500285C28	M0NIT.NH4	1	12418.7999
000146	00	780521CC0500285C28	M0NIT.NH4	2	10111.9999
000147	00	780521CC0500285C28	M0NIT.NH4	3	10111.9999
000148	00	780521CC0500285C28	M0NIT.NH4	4	11802.8000
000149	00	780521CC0500285C28	M1NIT.NH4	1	11984.2999
000150	00	780521CC0500285C28	M1NIT.NH4	2	12205.5000
000151	00	780521CC0500285C28	M1NIT.NH4	3	11336.5000

000152	00	780521CC0500285C2B	.M3NIT.NH4	1	1115.2000
000153	00	780521CC0500285C2B	.M3NIT.NH4	2	1115.2000
000154	00	780521CC0500285C2B	.M3NIT.NH4	3	1115.2000
000155	00	780521CC0500285C2B	.M3NIT.NH4	4	1115.2000
000156	00	780521CC0500285C2B	.M3NIT.NH4	5	1115.2000
000157	00	780521CC0500285C2B	.M3NIT.NH4	1	12297.3999
000158	00	780521CC0500285C2B	.M3NIT.NH4	2	11944.7999
000159	00	780521CC0500285C2B	.M3NIT.NH4	3	12861.2000
000160	00	780521CC0500285C2B	.M3NIT.NH4	4	1115.2000
000161	00	780521CC0500285C2B	.M3NIT.NH4	5	1115.2000
000162	00	780521CC0500285C2B	.M3NIT.NH4	6	1115.2000
000163	00	780521CC0500285C2B	.M3NIT.NH4	7	1115.2000
000164	00	780521CC0500285C2B	.M3NIT.NH4	8	1115.2000
000165	00	790522CC0500285C1B	.M1NIT.NH4	1	11462.8999
000166	00	790522CC0500285C1B	.M1NIT.NH4	2	12118.6000
000167	00	790522CC0500285C1B	.M1NIT.NH4	3	12418.7999
000168	00	790522CC0500285C1B	.M1NIT.NH4	4	11462.8999
000169	00	790522CC0500285C1B	.M1NIT.NH4	5	11462.8999
000170	00	790522CC0500285C1B	.M1NIT.NH4	6	11723.6000
000171	00	790522CC0500285C1B	.M1NIT.NH4	7	11723.6000
000172	00	790522CC0500285C1B	.M1NIT.NH4	8	11723.6000
000173	00	780522CC0500285C1E	.M3NIT.NH4	1	12553.1000
000174	00	780522CC0500285C1E	.M3NIT.NH4	2	12861.2000
000175	00	780522CC0500285C1E	.M3NIT.NH4	3	13730.2001
000176	00	780522CC0500285C1E	.M3NIT.NH4	4	12553.1000
000177	00	780522CC0500285C1E	.M3NIT.NH4	5	12553.1000
000178	00	780522CC0500285C1E	.M3NIT.NH4	6	12553.1000
000179	00	780522CC0500285C1E	.M3NIT.NH4	7	12553.1000
000180	00	780522CC0500285C1E	.M3NIT.NH4	8	12553.1000
000181	00	780522CC0500285C2B	.M3NIT.NH4	4	11944.7999
000182	00	780522CC0500285C2B	.M3NIT.NH4	1	12513.6000
000183	00	780522CC0500285C2B	.M3NIT.NH4	2	11510.2999
000184	00	780522CC0500285C2B	.M3NIT.NH4	3	12861.2000
000185	00	780522CC0500285C2B	.M3NIT.NH4	4	11510.2999
000186	00	780522CC0500285C2B	.M3NIT.NH4	5	11510.2999
000187	00	780522CC0500285C2B	.M3NIT.NH4	6	11510.2999
000188	00	780522CC0500285C2B	.M3NIT.NH4	7	11510.2999
000189	00	780522CC0500285C2B	.M3NIT.NH4	8	11510.2999
000190	00	780522CC0500285C2B	.M3NIT.NH4	1	14599.2000
000191	00	780522CC0500285C2B	.M3NIT.NH4	2	11162.7000
000192	00	780522CC0500285C2B	.M3NIT.NH4	3	11723.6000
000193	00	780522CC0500285C2B	.M3NIT.NH4	4	11028.4000
000194	00	780523CC0500285C1B	.M3NIT.NH4	1	12726.8999
000195	00	780523CC0500285C1B	.M3NIT.NH4	2	12726.8999
000196	00	780523CC0500285C1B	.M3NIT.NH4	3	12726.8999
000197	00	780523CC0500285C1B	.M3NIT.NH4	4	12726.8999
000198	00	780523CC0500285C1B	.M3NIT.NH4	1	11984.2999
000199	00	780523CC0500285C1E	.M1NIT.NH4	2	12513.6000
000200	00	780523CC0500285C1E	.M1NIT.NH4	3	13208.7999
000201	00	780523CC0500285C1E	.M1NIT.NH4	4	11074.8999
000202	00	780523CC0500285C1B	.M2NIT.NH4	1	11743.1000
000203	00	780523CC0500285C1B	.M2NIT.NH4	2	11743.1000
000204	00	780523CC0500285C1B	.M2NIT.NH4	3	11743.1000
000205	00	780523CC0500285C1B	.M2NIT.NH4	4	11743.1000
000206	00	780523CC0500285C1B	.M2NIT.NH4	5	11549.7999
000207	00	780523CC0500285C1B	.M2NIT.NH4	1	11028.4000
000208	00	780523CC0500285C1B	.M2NIT.NH4	2	11810.5000
000209	00	780523CC0500285C1B	.M2NIT.NH4	3	10894.0999
000210	00	780523CC0500285C1B	.M2NIT.NH4	4	12513.6000
000211	00	780523CC0500285C1B	.M2NIT.NH4	5	12513.6000
000212	00	780523CC0500285C1B	.M2NIT.NH4	6	12513.6000
000213	00	780523CC0500285C2B	.M1NIT.NH4	1	12205.5000
000214	00	780523CC0500285C2B	.M1NIT.NH4	2	11597.2000
000215	00	780523CC0500285C2B	.M1NIT.NH4	3	11423.4000
000216	00	780523CC0500285C2B	.M1NIT.NH4	4	11726.8999
000217	00	780523CC0500285C2B	.M1NIT.NH4	5	11726.8999
000218	00	780523CC0500285C2B	.M1NIT.NH4	6	11726.8999
000219	00	780523CC0500285C2B	.M1NIT.NH4	7	11726.8999
000220	00	780523CC0500285C2B	.M1NIT.NH4	8	11726.8999
000221	00	780523CC0500285C2B	.M1NIT.NH4	1	11763.1000
000222	00	780523CC0500285C2B	.M1NIT.NH4	2	11763.1000
000223	00	780523CC0500285C2B	.M1NIT.NH4	3	12071.2000
000224	00	780523CC0500285C2B	.M1NIT.NH4	4	14599.2000
000225	00	780524CC0500285C1B	.M3NIT.NH4	1	12513.6000
000226	00	780524CC0500285C1B	.M3NIT.NH4	2	12513.6000
000227	00	780524CC0500285C1B	.M3NIT.NH4	3	12513.6000
000228	00	780524CC0500285C1B	.M3NIT.NH4	4	12513.6000
000229	00	780524CC0500285C1B	.M3NIT.NH4	1	13730.2001

000230	00	760524CC0500285C18.M3NIT.NH4	2	11510.2999
000231	00	760524CC0500285C18.M3NIT.NH4	3	11462.8999
000232	00	760524CC0500285C18.M3NIT.NH4	4	11549.7999
000233	00	760524CC0500285C18.M2NIT.NH4	1	11810.5000
000234	00	760524CC0500285C18.M2NIT.NH4	2	11115.2999
000235	00	760524CC0500285C18.M2NIT.NH4	3	11427.9999
000236	00	760524CC0500285C18.M2NIT.NH4	4	12157.4000
000237	00	760524CC0500285C18.M3NIT.NH4	1	11549.7999
000238	00	760524CC0500285C18.M3NIT.NH4	2	11763.1000
000239	00	760524CC0500285C18.M3NIT.NH4	3	11636.7000
000240	00	760524CC0500285C18.M3NIT.NH4	4	11044.2000
000241	00	760524CC0500285C28.M3NIT.NH4	1	11549.7999
000242	00	760524CC0500285C28.M3NIT.NH4	2	11549.7999
000243	00	760524CC0500285C28.M3NIT.NH4	3	12205.0000
000244	00	760524CC0500285C28.M3NIT.NH4	4	11549.7999
000245	00	760524CC0500285C28.M1NIT.NH4	1	13248.2999
000246	00	760524CC0500285C28.M1NIT.NH4	2	10980.9999
000247	00	760524CC0500285C28.M1NIT.NH4	3	12513.6000
000248	00	760524CC0500285C28.M1NIT.NH4	4	11549.7999
000249	00	760524CC0500285C28.M1NIT.NH4	1	11549.7999
000250	00	760524CC0500285C28.M1NIT.NH4	2	11549.7999
000251	00	760524CC0500285C28.M1NIT.NH4	3	11549.7999
000252	00	760524CC0500285C28.M1NIT.NH4	4	11549.7999
000253	00	760524CC0500285C28.M3NIT.NH4	1	11423.4000
000254	00	760524CC0500285C28.M3NIT.NH4	2	11944.7999
000255	00	760524CC0500285C28.M3NIT.NH4	3	12118.6000
000256	00	760524CC0500285C28.M3NIT.NH4	4	11549.7999
000257	00	760524CC0500285C28.M3NIT.NH4	1	11549.7999
000258	00	760524CC0500285C28.M3NIT.NH4	2	11549.7999
000259	00	760524CC0500285C28.M3NIT.NH4	3	11549.7999
000260	00	760524CC0500285C28.M3NIT.NH4	4	11549.7999
000261	00	760501PC0500285C18.M1NIT.N02	4	750.5000
000262	00	760501PC0500285C18.M1NIT.N02	1	316.0000
000263	00	760501PC0500285C18.M1NIT.N02	2	316.0000
000264	00	760501PC0500285C18.M1NIT.N02	3	316.0000
000265	00	760501PC0500285C18.M1NIT.N02	4	316.0000
000266	00	760501PC0500285C18.M2NIT.N02	1	19.7500
000267	00	760501PC0500285C18.M2NIT.N02	2	395.0000
000268	00	760501PC0500285C18.M2NIT.N02	3	197.5000
000269	00	760501PC0500285C18.M2NIT.N02	4	49.7500
000270	00	760501PC0500285C18.M3NIT.N02	1	19.7500
000271	00	760501PC0500285C18.M3NIT.N02	2	750.5000
000272	00	760501PC0500285C18.M3NIT.N02	3	19.7500
000273	00	760501PC0500285C18.M3NIT.N02	4	1619.5000
000274	00	760501PC0500285C28.M3NIT.N02	1	869.0000
000275	00	760501PC0500285C28.M3NIT.N02	2	869.0000
000276	00	760501PC0500285C28.M3NIT.N02	3	869.0000
000277	00	760501PC0500285C28.M3NIT.N02	4	869.0000
000278	00	760501PC0500285C28.M1NIT.N02	1	19.7500
000279	00	760501PC0500285C28.M1NIT.N02	2	434.5000
000280	00	760501PC0500285C28.M1NIT.N02	3	19.7500
000281	00	760501PC0500285C28.M1NIT.N02	4	19.7500
000282	00	760501PC0500285C28.M2NIT.N02	1	19.7500
000283	00	760501PC0500285C28.M2NIT.N02	2	434.5000
000284	00	760501PC0500285C28.M2NIT.N02	3	19.7500
000285	00	760501PC0500285C28.M2NIT.N02	4	19.7500
000286	00	760501PC0500285C28.M3NIT.N02	1	19.7500
000287	00	760501PC0500285C28.M3NIT.N02	2	553.0000
000288	00	760501PC0500285C28.M3NIT.N02	3	19.7500
000289	00	760501PC0500285C28.M3NIT.N02	4	19.7500
000290	00	760502PC0500285C18.M3NIT.N02	1	493.7500
000291	00	760502PC0500285C18.M3NIT.N02	2	493.7500
000292	00	760502PC0500285C18.M3NIT.N02	3	869.0000
000293	00	760502PC0500285C18.M3NIT.N02	4	869.0000
000294	00	760502PC0500285C18.M1NIT.N02	1	19.7500
000295	00	760502PC0500285C18.M1NIT.N02	2	256.7500
000296	00	760502PC0500285C18.M1NIT.N02	3	276.5000
000297	00	760502PC0500285C18.M1NIT.N02	4	276.5000
000298	00	760502PC0500285C18.M2NIT.N02	1	19.7500
000299	00	760502PC0500285C18.M2NIT.N02	2	276.5000
000300	00	760502PC0500285C18.M2NIT.N02	3	19.7500
000301	00	760502PC0500285C18.M2NIT.N02	4	19.7500
000302	00	760502PC0500285C18.M3NIT.N02	1	19.7500
000303	00	760502PC0500285C18.M3NIT.N02	2	237.0000
000304	00	760502PC0500285C18.M3NIT.N02	3	19.7500
000305	00	760502PC0500285C18.M3NIT.N02	4	19.7500
000306	00	760502PC0500285C28.M3NIT.N02	1	553.0000
000307	00	760502PC0500285C28.M3NIT.N02	2	553.0000
000308	00	760502PC0500285C28.M3NIT.N02	3	730.1000

000308	00	780502PC0500285C28.MONIT.N02	4	730.7500
000309	00	780502PC0500285C28.M1NIT.N02	1	19.7500
000310	00	780502PC0500285C28.M1NIT.N02	2	375.2500
000311	00	780502PC0500285C28.M1NIT.N02	3	19.7500
000312	00	780502PC0500285C28.M1NIT.N02	4	275.5000
000313	00	780502PC0500285C28.M2NIT.N02	1	19.7500
000314	00	780502PC0500285C28.M2NIT.N02	2	258.7500
000315	00	780502PC0500285C28.M2NIT.N02	3	19.7500
000316	00	780502PC0500285C28.M2NIT.N02	4	19.7500
000317	00	780502PC0500285C28.M3NIT.N02	1	19.7500
000318	00	780502PC0500285C28.M3NIT.N02	2	158.0000
000319	00	780502PC0500285C28.M3NIT.N02	3	19.7500
000320	00	780502PC0500285C28.M3NIT.N02	4	19.7500
000321	00	780503PC0500285C18.MONIT.N02	1	790.0000
000322	00	780503PC0500285C18.MONIT.N02	2	790.0000
000323	00	780503PC0500285C18.MONIT.N02	3	697.2500
000324	00	780503PC0500285C18.MONIT.N02	4	19.7500
000325	00	780503PC0500285C18.M1NIT.N02	1	19.7500
000326	00	780503PC0500285C18.M1NIT.N02	2	430.5000
000327	00	780503PC0500285C18.M1NIT.N02	3	19.7500
000328	00	780503PC0500285C18.M1NIT.N02	4	19.7500
000329	00	780503PC0500285C18.M2NIT.N02	1	19.7500
000330	00	780503PC0500285C18.M2NIT.N02	2	533.2500
000331	00	780503PC0500285C18.M2NIT.N02	3	275.5000
000332	00	780503PC0500285C18.M2NIT.N02	4	275.5000
000333	00	780503PC0500285C18.M3NIT.N02	1	19.7500
000334	00	780503PC0500285C18.M3NIT.N02	2	335.7500
000335	00	780503PC0500285C18.M3NIT.N02	3	217.2500
000336	00	780503PC0500285C18.M3NIT.N02	4	19.7500
000337	00	780503PC0500285C28.MONIT.N02	1	829.5000
000338	00	780503PC0500285C28.MONIT.N02	2	829.5000
000339	00	780503PC0500285C28.MONIT.N02	3	829.5000
000340	00	780503PC0500285C28.MONIT.N02	4	987.5000
000341	00	780503PC0500285C28.M1NIT.N02	1	493.7500
000342	00	780503PC0500285C28.M1NIT.N02	2	987.5000
000343	00	780503PC0500285C28.M1NIT.N02	3	316.0000
000344	00	780503PC0500285C28.M1NIT.N02	4	575.5000
000345	00	780503PC0500285C28.M2NIT.N02	1	675.5000
000346	00	780503PC0500285C28.M2NIT.N02	2	130.5000
000347	00	780503PC0500285C28.M2NIT.N02	3	197.5000
000348	00	780503PC0500285C28.M2NIT.N02	4	354.5000
000349	00	780503PC0500285C28.M3NIT.N02	1	533.2500
000350	00	780503PC0500285C28.M3NIT.N02	2	19.7500
000351	00	780503PC0500285C28.M3NIT.N02	3	19.7500
000352	00	780503PC0500285C28.M3NIT.N02	4	19.7500
000353	00	780504PC0500285C18.MONIT.N02	1	829.5000
000354	00	780504PC0500285C18.MONIT.N02	2	829.5000
000355	00	780504PC0500285C18.MONIT.N02	3	829.5000
000356	00	780504PC0500285C18.MONIT.N02	4	1464.5000
000357	00	780504PC0500285C18.M1NIT.N02	1	19.7500
000358	00	780504PC0500285C18.M1NIT.N02	2	809.7500
000359	00	780504PC0500285C18.M1NIT.N02	3	118.5000
000360	00	780504PC0500285C18.M1NIT.N02	4	237.0000
000361	00	780504PC0500285C18.M2NIT.N02	1	19.7500
000362	00	780504PC0500285C18.M2NIT.N02	2	473.0000
000363	00	780504PC0500285C18.M2NIT.N02	3	79.5000
000364	00	780504PC0500285C18.M2NIT.N02	4	59.2500
000365	00	780504PC0500285C18.M3NIT.N02	1	19.7500
000366	00	780504PC0500285C18.M3NIT.N02	2	553.0000
000367	00	780504PC0500285C18.M3NIT.N02	3	19.7500
000368	00	780504PC0500285C18.M3NIT.N02	4	19.7500
000369	00	780504PC0500285C28.MONIT.N02	1	197.5000
000370	00	780504PC0500285C28.MONIT.N02	2	197.5000
000371	00	780504PC0500285C28.MONIT.N02	3	118.5000
000372	00	780504PC0500285C28.MONIT.N02	4	237.0000
000373	00	780504PC0500285C28.M1NIT.N02	1	237.0000
000374	00	780504PC0500285C28.M1NIT.N02	2	19.7500
000375	00	780504PC0500285C28.M1NIT.N02	3	19.7500
000376	00	780504PC0500285C28.M1NIT.N02	4	1027.0000
000377	00	780504PC0500285C28.M2NIT.N02	1	19.7500
000378	00	780504PC0500285C28.M2NIT.N02	2	19.7500
000379	00	780504PC0500285C28.M2NIT.N02	3	19.7500
000380	00	780504PC0500285C28.M2NIT.N02	4	19.7500
000381	00	780504PC0500285C28.M3NIT.N02	1	19.7500
000382	00	780504PC0500285C28.M3NIT.N02	2	19.7500
000383	00	780504PC0500285C28.M3NIT.N02	3	19.7500
000384	00	780504PC0500285C28.M3NIT.N02	4	19.7500
000385	00	780521C0500285C18.MONIT.N02	1	1027.0000

000386	00	780521CC0500285C18.MONIT.N02	2	1027.0000
000387	00	780521CC0500285C18.MONIT.N02	2	1027.0000
000388	00	780521CC0500285C18.MONIT.N02	2	1027.0000
000389	00	780521CC0500285C18.MONIT.N02	1	19.7500
000390	00	780521CC0500285C18.MONIT.N02	1	19.7500
000391	00	780521CC0500285C18.MONIT.N02	2	355.5000
000392	00	780521CC0500285C18.MONIT.N02	3	414.7500
000393	00	780521CC0500285C18.MONIT.N02	4	461.2500
000394	00	780521CC0500285C18.MONIT.N02	1	19.7500
000395	00	780521CC0500285C18.MONIT.N02	2	256.7500
000396	00	780521CC0500285C18.MONIT.N02	3	318.2500
000397	00	780521CC0500285C18.MONIT.N02	1	31600.0000
000398	00	780521CC0500285C18.MONIT.N02	2	19.7500
000399	00	780521CC0500285C18.MONIT.N02	3	10.7500
000400	00	780521CC0500285C18.MONIT.N02	4	19.7500
000401	00	780521CC0500285C28.MONIT.N02	1	378.2500
000402	00	780521CC0500285C28.MONIT.N02	2	418.7500
000403	00	780521CC0500285C28.MONIT.N02	3	418.7500
000404	00	780521CC0500285C28.MONIT.N02	4	418.7500
000405	00	780521CC0500285C28.MONIT.N02	1	355.5000
000406	00	780521CC0500285C28.MONIT.N02	2	217.2500
000407	00	780521CC0500285C28.MONIT.N02	3	730.7500
000408	00	780521CC0500285C28.MONIT.N02	4	736.2500
000409	00	780521CC0500285C28.MONIT.N02	1	197.2500
000410	00	780521CC0500285C28.MONIT.N02	2	217.0000
000411	00	780521CC0500285C28.MONIT.N02	3	217.0000
000412	00	780521CC0500285C28.MONIT.N02	4	217.0000
000413	00	780521CC0500285C28.MONIT.N02	1	19.7500
000414	00	780521CC0500285C28.MONIT.N02	2	19.7500
000415	00	780521CC0500285C28.MONIT.N02	3	632.0000
000416	00	780521CC0500285C28.MONIT.N02	4	158.0000
000417	00	780521CC0500285C18.MONIT.N02	1	355.5000
000418	00	780521CC0500285C18.MONIT.N02	2	19.7500
000419	00	780521CC0500285C18.MONIT.N02	3	19.7500
000420	00	780521CC0500285C18.MONIT.N02	4	355.5000
000421	00	780522CC0500285C18.MONIT.N02	1	19.7500
000422	00	780522CC0500285C18.MONIT.N02	2	395.0000
000423	00	780522CC0500285C18.MONIT.N02	3	19.7500
000424	00	780522CC0500285C18.MONIT.N02	4	19.7500
000425	00	780522CC0500285C18.MONIT.N02	1	19.7500
000426	00	780522CC0500285C18.MONIT.N02	2	118.5000
000427	00	780522CC0500285C18.MONIT.N02	3	19.7500
000428	00	780522CC0500285C18.MONIT.N02	4	19.7500
000429	00	780522CC0500285C18.MONIT.N02	1	19.7500
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000432	00	780522CC0500285C18.MONIT.N02	4	19.7500
000433	00	780522CC0500285C28.MONIT.N02	1	355.5000
000434	00	780522CC0500285C28.MONIT.N02	2	355.5000
000435	00	780522CC0500285C28.MONIT.N02	3	355.5000
000436	00	780522CC0500285C28.MONIT.N02	4	355.5000
000437	00	780522CC0500285C28.MONIT.N02	1	19.7500
000438	00	780522CC0500285C28.MONIT.N02	2	513.5000
000439	00	780522CC0500285C28.MONIT.N02	3	19.7500
000440	00	780522CC0500285C28.MONIT.N02	4	19.7500
000441	00	780522CC0500285C28.MONIT.N02	1	19.7500
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000443	00	780522CC0500285C28.MONIT.N02	3	19.7500
000444	00	780522CC0500285C28.MONIT.N02	4	19.7500
000445	00	780522CC0500285C28.MONIT.N02	1	19.7500
000446	00	780522CC0500285C28.MONIT.N02	2	237.0000
000447	00	780522CC0500285C28.MONIT.N02	3	10.7500
000448	00	780522CC0500285C28.MONIT.N02	4	10.7500
000449	00	780523CC0500285C18.MONIT.N02	1	355.5000
000450	00	780523CC0500285C18.MONIT.N02	2	355.5000
000451	00	780523CC0500285C18.MONIT.N02	3	355.5000
000452	00	780523CC0500285C18.MONIT.N02	4	355.5000
000453	00	780523CC0500285C18.MONIT.N02	1	19.7500
000454	00	780523CC0500285C18.MONIT.N02	2	256.7500
000455	00	780523CC0500285C18.MONIT.N02	3	19.7500
000456	00	780523CC0500285C18.MONIT.N02	4	19.7500
000457	00	780523CC0500285C18.MONIT.N02	1	19.7500
000458	00	780523CC0500285C18.MONIT.N02	2	98.7500
000459	00	780523CC0500285C18.MONIT.N02	3	19.7500
000460	00	780523CC0500285C18.MONIT.N02	4	19.7500
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000462	00	780523CC0500285C18.MONIT.N02	2	632.0000
000463	00	780523CC0500285C18.MONIT.N02	3	19.7500





000547	00	780501PC0500285C2B.M3NIT.N03	2	20.7612
000548	00	780501PC0500285C2B.M3NIT.N03	2	22.7204
000549	00	780501PC0500285C2B.M3NIT.N03	4	19.4340
000550	00	780502PC0500285C1B.M3NIT.N03	1	18.1384
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000554	00	780502PC0500285C1B.M3NIT.N03	1	18.1384
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000574	00	780502PC0500285C1B.M3NIT.N03	1	16.8112
000575	00	780502PC0500285C1B.M3NIT.N03	2	18.1384
000576	00	780502PC0500285C1B.M3NIT.N03	3	19.4340
000577	00	780502PC0500285C1B.M3NIT.N03	4	19.4340
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000579	00	780502PC0500285C1B.M3NIT.N03	2	19.4340
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000583	00	780503PC0500285C1B.M3NIT.N03	2	19.4340
000584	00	780503PC0500285C1B.M3NIT.N03	3	18.1384
000585	00	780503PC0500285C1B.M3NIT.N03	4	17.4748
000586	00	780503PC0500285C1B.M3NIT.N03	1	16.1792
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000588	00	780503PC0500285C1B.M3NIT.N03	3	16.1792
000589	00	780503PC0500285C1B.M3NIT.N03	4	16.1792
000590	00	780503PC0500285C1B.M3NIT.N03	1	16.1792
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000592	00	780503PC0500285C1B.M3NIT.N03	3	16.8112
000593	00	780503PC0500285C1B.M3NIT.N03	4	20.0976
000594	00	780503PC0500285C1B.M3NIT.N03	1	16.8112
000595	00	780503PC0500285C1B.M3NIT.N03	2	16.8112
000596	00	780503PC0500285C1B.M3NIT.N03	3	17.4748
000597	00	780503PC0500285C1B.M3NIT.N03	4	18.4340
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000600	00	780503PC0500285C1B.M3NIT.N03	3	18.1384
000601	00	780503PC0500285C1B.M3NIT.N03	4	18.1384
000602	00	780503PC0500285C1B.M3NIT.N03	1	16.8112
000603	00	780503PC0500285C1B.M3NIT.N03	2	18.1384
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000606	00	780503PC0500285C1B.M3NIT.N03	1	16.1792
000607	00	780503PC0500285C1B.M3NIT.N03	2	18.1384
000608	00	780503PC0500285C1B.M3NIT.N03	3	18.7704
000609	00	780503PC0500285C1B.M3NIT.N03	4	16.1792
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000614	00	780504PC0500285C1B.M3NIT.N03	1	18.7704
000615	00	780504PC0500285C1B.M3NIT.N03	2	22.0568
000616	00	780504PC0500285C1B.M3NIT.N03	3	19.4340
000617	00	780504PC0500285C1B.M3NIT.N03	4	18.1384
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000620	00	780504PC0500285C1B.M3NIT.N03	3	19.4340

000627	00	780504PCD500285C18.M3NIT.NO3	4	21.7932
000628	00	780504PCD500285C18.M3NIT.NO3	1	18.7704
000629	00	780504PCD500285C18.M3NIT.NO3	2	18.1384
000630	00	780504PCD500285C18.M3NIT.NO3	3	17.5564
000631	00	780504PCD500285C18.M3NIT.NO3	4	19.4340
000632	00	780504PCD500285C28.M2NIT.NO3	1	16.1792
000633	00	780504PCD500285C28.M2NIT.NO3	2	16.1792
000634	00	780504PCD500285C28.M2NIT.NO3	3	19.4340
000635	00	780504PCD500285C28.M2NIT.NO3	4	16.1792
000636	00	780504PCD500285C28.M2NIT.NO3	1	21.3932
000637	00	780504PCD500285C28.M1NIT.NO3	2	19.4340
000638	00	780504PCD500285C28.M1NIT.NO3	3	22.0568
000639	00	780504PCD500285C28.M1NIT.NO3	4	19.4340
000640	00	780504PCD500285C28.M2NIT.NO3	1	16.1792
000641	00	780504PCD500285C28.M2NIT.NO3	2	16.1792
000642	00	780504PCD500285C28.M2NIT.NO3	3	15.5156
000643	00	780504PCD500285C28.M2NIT.NO3	4	18.7704
000644	00	780504PCD500285C28.M3NIT.NO3	1	16.1792
000645	00	780504PCD500285C28.M3NIT.NO3	2	15.5156
000646	00	780504PCD500285C28.M3NIT.NO3	3	18.1384
000647	00	780504PCD500285C28.M3NIT.NO3	4	17.4748
000648	00	780521CCD500285C18.M3NIT.NO3	1	18.1384
000649	00	780521CCD500285C18.M3NIT.NO3	2	18.1384
000650	00	780521CCD500285C18.M3NIT.NO3	3	19.4340
000651	00	780521CCD500285C18.M3NIT.NO3	4	18.1384
000652	00	780521CCD500285C18.M1NIT.NO3	1	18.1384
000653	00	780521CCD500285C18.M1NIT.NO3	2	25.3432
000654	00	780521CCD500285C18.M1NIT.NO3	3	25.3432
000655	00	780521CCD500285C18.M1NIT.NO3	4	22.0568
000656	00	780521CCD500285C18.M2NIT.NO3	1	15.5156
000657	00	780521CCD500285C18.M2NIT.NO3	2	14.8520
000658	00	780521CCD500285C18.M2NIT.NO3	3	14.8520
000659	00	780521CCD500285C18.M2NIT.NO3	4	14.8520
000660	00	780521CCD500285C28.M3NIT.NO3	1	18.1384
000661	00	780521CCD500285C28.M3NIT.NO3	2	17.5564
000662	00	780521CCD500285C28.M3NIT.NO3	3	17.4748
000663	00	780521CCD500285C28.M3NIT.NO3	4	19.4340
000664	00	780521CCD500285C28.M2NIT.NO3	1	14.8520
000665	00	780521CCD500285C28.M2NIT.NO3	2	14.8520
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000667	00	780521CCD500285C28.M2NIT.NO3	4	16.8112
000668	00	780521CCD500285C28.M3NIT.NO3	1	16.8112
000669	00	780521CCD500285C28.M3NIT.NO3	2	17.4748
000670	00	780521CCD500285C28.M3NIT.NO3	3	18.1384
000671	00	780521CCD500285C28.M3NIT.NO3	4	18.1384
000672	00	780522CCD500285C18.M3NIT.NO3	1	18.1384
000673	00	780522CCD500285C18.M3NIT.NO3	2	17.4748
000674	00	780522CCD500285C18.M3NIT.NO3	3	17.4748
000675	00	780522CCD500285C18.M3NIT.NO3	4	16.8112
000676	00	780522CCD500285C18.M2NIT.NO3	1	16.8112
000677	00	780522CCD500285C18.M2NIT.NO3	2	19.4340
000678	00	780522CCD500285C18.M2NIT.NO3	3	18.7704
000679	00	780522CCD500285C18.M2NIT.NO3	4	22.0568
000680	00	780522CCD500285C18.M1NIT.NO3	1	27.3072
000681	00	780522CCD500285C18.M2NIT.NO3	1	13.8880
000682	00	780522CCD500285C18.M2NIT.NO3	2	14.7112
000683	00	780522CCD500285C18.M2NIT.NO3	3	14.7112
000684	00	780522CCD500285C18.M2NIT.NO3	4	14.7112
000685	00	780522CCD500285C18.M3NIT.NO3	1	16.8112
000686	00	780522CCD500285C18.M3NIT.NO3	2	18.1384
000687	00	780522CCD500285C18.M3NIT.NO3	3	20.0976
000688	00	780522CCD500285C18.M3NIT.NO3	4	16.8112
000689	00	780522CCD500285C28.M2NIT.NO3	1	16.1792
000690	00	780522CCD500285C28.M2NIT.NO3	2	16.1792
000691	00	780522CCD500285C28.M2NIT.NO3	3	15.5156
000692	00	780522CCD500285C28.M2NIT.NO3	4	19.4340
000693	00	780522CCD500285C28.M1NIT.NO3	1	18.7704
000694	00	780522CCD500285C28.M1NIT.NO3	2	20.7612
000695	00	780522CCD500285C28.M1NIT.NO3	3	19.4340
000696	00	780522CCD500285C28.M1NIT.NO3	4	20.0976
000697	00	780522CCD500285C28.M2NIT.NO3	1	16.1792

000698	00	780523CC0500285C2B	M3NIT.NO3	2	13.5564
000699	00	780523CC0500285C2B	M2NIT.NO3	3	15.5156
000700	00	780523CC0500285C2B	M2NIT.NO3	4	15.5156
000701	00	780523CC0500285C2B	M3NIT.NO3	1	21.3932
000702	00	780523CC0500285C2B	M3NIT.NO3	2	14.1884
000703	00	780523CC0500285C2B	M3NIT.NO3	3	19.4340
000704	00	780523CC0500285C2B	M3NIT.NO3	4	19.4340
000705	00	780523CC0500285C18	M0NIT.NO3	1	16.1792
000706	00	780523CC0500285C18	M0NIT.NO3	2	16.1792
000707	00	780523CC0500285C18	M0NIT.NO3	3	18.1384
000708	00	780523CC0500285C18	M0NIT.NO3	4	16.1792
000709	00	780523CC0500285C16	M1NIT.NO3	1	18.7704
000710	00	780523CC0500285C16	M1NIT.NO3	2	18.1384
000711	00	780523CC0500285C18	M1NIT.NO3	3	19.4340
000712	00	780523CC0500285C18	M1NIT.NO3	4	22.0568
000713	00	780523CC0500285C18	M2NIT.NO3	1	22.0568
000714	00	780523CC0500285C18	M2NIT.NO3	2	18.7704
000715	00	780523CC0500285C18	M2NIT.NO3	3	19.4340
000716	00	780523CC0500285C18	M2NIT.NO3	4	22.0568
000717	00	780523CC0500285C18	M3NIT.NO3	1	19.4340
000718	00	780523CC0500285C18	M3NIT.NO3	2	16.8112
000719	00	780523CC0500285C18	M3NIT.NO3	3	18.1384
000720	00	780523CC0500285C18	M3NIT.NO3	4	16.1792
000721	00	780523CC0500285C28	M0NIT.NO3	1	16.1792
000722	00	780523CC0500285C28	M0NIT.NO3	2	16.1792
000723	00	780523CC0500285C28	M0NIT.NO3	3	22.0568
000724	00	780523CC0500285C28	M0NIT.NO3	4	19.4340
000725	00	780523CC0500285C28	M1NIT.NC3	1	22.0568
000726	00	780523CC0500285C28	M1NIT.NC3	2	19.4340
000727	00	780523CC0500285C28	M1NIT.NC3	3	25.3432
000728	00	780523CC0500285C28	M1NIT.NC3	4	22.0568
000729	00	780523CC0500285C28	M2NIT.NO3	1	19.4340
000730	00	780523CC0500285C28	M2NIT.NO3	2	19.7612
000731	00	780523CC0500285C28	M2NIT.NO3	3	19.4340
000732	00	780523CC0500285C28	M2NIT.NO3	4	22.0568
000733	00	780523CC0500285C28	M3NIT.AC3	1	18.7704
000734	00	780523CC0500285C28	M3NIT.NO3	2	17.4748
000735	00	780523CC0500285C28	M3NIT.NO3	3	18.1384
000736	00	780523CC0500285C28	M3NIT.NO3	4	19.4340
000737	00	780524CC0500285C18	M0NIT.NO3	1	16.8112
000738	00	780524CC0500285C18	M0NIT.NO3	2	16.8112
000739	00	780524CC0500285C18	M0NIT.NO3	3	16.1792
000740	00	780524CC0500285C18	M0NIT.NO3	4	15.5156
000741	00	780524CC0500285C18	M1NIT.NO3	1	15.5156
000742	00	780524CC0500285C18	M1NIT.NO3	2	16.1792
000743	00	780524CC0500285C18	M1NIT.NO3	3	16.1792
000744	00	780524CC0500285C18	M1NIT.NO3	4	16.1792
000745	00	780524CC0500285C18	M2NIT.NO3	1	19.4340
000746	00	780524CC0500285C18	M2NIT.NO3	2	18.1384
000747	00	780524CC0500285C18	M2NIT.NO3	3	18.1384
000748	00	780524CC0500285C18	M2NIT.NO3	4	20.7612
000749	00	780524CC0500285C18	M3NIT.NO3	1	16.8112
000750	00	780524CC0500285C18	M3NIT.NO3	2	18.1384
000751	00	780524CC0500285C18	M3NIT.NO3	3	19.4340
000752	00	780524CC0500285C18	M3NIT.NO3	4	20.0976
000753	00	780524CC0500285C28	M0NIT.NO3	1	17.4748
000754	00	780524CC0500285C28	M0NIT.NO3	2	17.4748
000755	00	780524CC0500285C28	M0NIT.NO3	3	16.1792
000756	00	780524CC0500285C28	M0NIT.NO3	4	16.1792
000757	00	780524CC0500285C28	M1NIT.NO3	1	18.1384
000758	00	780524CC0500285C28	M1NIT.NC3	2	14.1884
000759	00	780524CC0500285C28	M1NIT.NO3	3	15.5156
000760	00	780524CC0500285C28	M1NIT.NO3	4	16.1792
000761	00	780524CC0500285C28	M2NIT.NO3	1	19.4340
000762	00	780524CC0500285C28	M2NIT.NO3	2	18.7704
000763	00	780524CC0500285C28	M2NIT.NC3	3	19.4340
000764	00	780524CC0500285C28	M2NIT.NO3	4	20.0976
000765	00	780524CC0500285C28	M3NIT.NO3	1	16.8112
000766	00	780524CC0500285C28	M3NIT.NO3	2	18.1384
000767	00	780524CC0500285C28	M3NIT.NO3	3	22.0568
000768	00	780524CC0500285C28	M3NIT.NO3	4	19.4340

END ELT.

PHDC.P \*\*\*\*\* PPMA \*\*\*\*\*

ELT.L	RFMLBCR1.PPMA	SL73R1 05/29/79 11 53 25 (01)						
000001	00	780501PC0500285C18.M	MET.ACT	-.28	-.20	-.20	-.12	
000002	00	780501PC0500285C18.M	MET.ACT	-.36	-.36	-.32	-.32	
000003	00	780502PC0500285C18.M	MET.ACT	-.60	-.32	-.56	-.32	
000004	00	780502PC0500285C28.M	MET.ACT	-.48	-.28	-.46	-.44	
000005	00	780503PC0500285C18.M	MET.ACT	-.16	-.12	-.16	-.16	
000006	00	780503PC0500285C28.M	MET.ACT	-.36	-.28	-.32	-.32	
000007	00	780504PC0500285C18.M	MET.ACT	-.40	-.32	-.44	-.40	
000008	00	780504PC0500285C28.M	MET.ACT	-.40	-.32	-.44	-.40	
000009	00	780521CC0500285C18.M	MET.ACT	-.36	-.32	-.36	-.36	
000010	00	780521CC0500285C28.M	MET.ACT	-.36	-.32	-.36	-.36	
000011	00	780522CC0500285C18.M	MET.ACT	-.28	-.16	-.28	-.28	
000012	00	780522CC0500285C28.M	MET.ACT	-.36	-.36	-.28	-.28	
000013	00	780523CC0500285C18.M	MET.ACT	-.20	-.16	-.16	-.16	
000014	00	780523CC0500285C28.M	MET.ACT	-.24	-.24	-.24	-.24	
000015	00	780524CC0500285C18.M	MET.ACT	-.20	-.20	-.20	-.12	
000016	00	780524CC0500285C28.M	MET.ACT	-.22	-.26	-.24	-.24	
000017	00	780501PC0500285C18.M	PHOTOSY	-.04	-.00	-.04	-.04	
000018	00	780501PC0500285C28.M	PHOTOSY	-.24	-.00	-.00	-.00	
000019	00	780502PC0500285C18.M	PHOTOSY	-.30	-.00	-.32	-.48	
000020	00	780502PC0500285C28.M	PHOTOSY	-.24	-.40	-.22	-.30	
000021	00	780503PC0500285C18.M	PHOTOSY	-.00	-.00	-.00	-.00	
000022	00	780503PC0500285C28.M	PHOTOSY	-.04	-.00	-.04	-.04	
000023	00	780504PC0500285C18.M	PHOTOSY	-.08	-.04	-.04	-.04	
000024	00	780504PC0500285C28.M	PHOTOSY	-.08	-.32	-.08	-.08	
000025	00	780521CC0500285C18.M	PHOTOSY	-.04	-.00	-.18	-.08	
000026	00	780521CC0500285C28.M	PHOTOSY	-.00	-.00	-.04	-.04	
000027	00	780522CC0500285C18.M	PHOTOSY	-.04	-.00	-.18	-.08	
000028	00	780522CC0500285C28.M	PHOTOSY	-.06	-.12	-.04	-.00	
000029	00	780523CC0500285C18.M	PHOTOSY	-.04	-.04	-.04	-.00	
000030	00	780523CC0500285C28.M	PHOTOSY	-.00	-.00	-.00	-.00	
000031	00	780524CC0500285C18.M	PHOTOSY	-.04	-.00	-.02	-.04	
000032	00	780524CC0500285C28.M	PHOTOSY	-.00	-.02	-.00	-.02	

END

SHDS,P \*\*\*\*\* P04 \*\*\*\*\*

SL	LT	PH	SCR1	PC04	INS	SOL	INS	SOL	INS	SOL
000001	00	780501	PC0500285C18	M1P04	INS	.00000	.13357	.12298	.11118	
000002	00	780501	PC0500285C18	M2P04	SOL	.00000	19.86493	19.87702	19.88882	
000003	00	780501	PC0500285C18	M3P04	SOL	.00000	.20754	.20754	.20754	
000004	00	780501	PC0500285C18	M1P04	SOL	19.83133	19.79261	19.85597	19.85715	
000005	00	780501	PC0500285C18	M2P04	INS	.20833	.20879	.18907	.11433	
000006	00	780501	PC0500285C18	M2P04	SOL	19.79167	19.79121	19.83093	19.88567	
000007	00	780501	PC0500285C18	M3P04	INS	.07518	.07413	.10588	.00107	
000008	00	780501	PC0500285C18	M3P04	SOL	19.92482	19.92367	19.89401	19.90698	
000009	00	780501	PC0500285C18	M2P04	INS	.00000	.15365	.17643	.12071	
000010	00	780501	PC0500285C18	M2P04	SOL	.00000	19.88635	19.82357	19.87829	
000011	00	780501	PC0500285C18	M1P04	INS	.12653	.12653	.12653	.12653	
000012	00	780501	PC0500285C18	M1P04	SOL	19.85049	19.87367	19.86480	19.85281	
000013	00	780501	PC0500285C18	M2P04	INS	.16928	.26390	.13827	.15146	
000014	00	780501	PC0500285C18	M2P04	SOL	19.83072	19.73610	19.86173	19.84854	
000015	00	780501	PC0500285C18	M3P04	INS	.16816	.08477	.06378	.07754	
000016	00	780501	PC0500285C18	M3P04	SOL	19.89584	19.91363	19.91252	19.92246	
000017	00	780502	PC0500285C18	M2P04	INS	.00000	.17824	.26088	.21361	
000018	00	780502	PC0500285C18	M2P04	SOL	.00000	19.82178	19.73382	19.78638	
000019	00	780502	PC0500285C18	M3P04	INS	.00000	.15741	.20761	.14088	
000020	00	780502	PC0500285C18	M1P04	SOL	19.79756	19.81239	19.71039	19.81920	
000021	00	780502	PC0500285C18	M2P04	INS	.20448	.20396	.42708	.23880	
000022	00	780502	PC0500285C18	M2P04	SOL	19.79552	19.79604	19.57292	19.76120	
000023	00	780502	PC0500285C18	M3P04	INS	.24339	.24339	.24339	.24339	
000024	00	780502	PC0500285C18	M3P04	SOL	19.78871	19.78278	19.78285	19.87741	
000025	00	780502	PC0500285C18	M2P04	INS	.00000	.18486	.16971	.40719	
000026	00	780502	PC0500285C18	M2P04	SOL	.00000	19.85514	19.83029	19.59281	
000027	00	780502	PC0500285C18	M1P04	INS	.16288	.15736	.21844	.36383	
000028	00	780502	PC0500285C18	M1P04	SOL	19.83795	19.84424	19.78756	19.63617	
000029	00	780502	PC0500285C18	M2P04	INS	.19267	.23326	.23013	.25768	
000030	00	780502	PC0500285C18	M2P04	SOL	19.80733	19.76674	19.76987	19.74232	
000031	00	780502	PC0500285C18	M3P04	INS	.24188	.19284	.26493	.26687	
000032	00	780502	PC0500285C18	M3P04	SOL	19.75802	19.80794	19.74507	19.73313	
000033	00	780503	PC0500285C18	M2P04	INS	.00000	.11784	.19173	.18253	
000034	00	780503	PC0500285C18	M2P04	SOL	.00000	19.81888	19.81587	19.80787	
000035	00	780503	PC0500285C18	M1P04	INS	.00000	.00000	.00000	.00000	
000036	00	780503	PC0500285C18	M1P04	SOL	19.89100	19.93918	19.79108	19.71487	
000037	00	780503	PC0500285C18	M2P04	INS	.17275	.28408	.17351	.12342	
000038	00	780503	PC0500285C18	M2P04	SOL	19.82725	19.71592	19.82649	19.87658	
000039	00	780503	PC0500285C18	M3P04	INS	.25864	.26042	.27873	.21912	
000040	00	780503	PC0500285C18	M3P04	SOL	19.74134	19.73151	19.72527	19.78088	
000041	00	780503	PC0500285C18	M2P04	INS	.00000	.28836	.08161	.17669	
000042	00	780503	PC0500285C18	M2P04	SOL	.00000	19.71144	19.91839	19.82331	
000043	00	780503	PC0500285C18	M1P04	INS	.14543	.11368	.20798	.14945	
000044	00	780503	PC0500285C18	M1P04	SOL	19.85457	19.88632	19.79202	19.65055	
000045	00	780503	PC0500285C18	M2P04	INS	.11355	.23240	.15413	.14197	
000046	00	780503	PC0500285C18	M2P04	SOL	19.86645	19.76760	19.84587	19.85803	
000047	00	780503	PC0500285C18	M3P04	INS	.18432	.23424	.23780	.26088	
000048	00	780503	PC0500285C18	M3P04	SOL	19.81568	19.76576	19.76220	19.73911	
000049	00	780504	PC0500285C18	M2P04	INS	.00000	.23273	.27854	.25484	
000050	00	780504	PC0500285C18	M2P04	SOL	.00000	19.76727	19.72136	19.74516	
000051	00	780504	PC0500285C18	M1P04	INS	.22668	.19237	.20084	.25829	
000052	00	780504	PC0500285C18	M1P04	SOL	19.77332	19.80763	19.79016	19.74171	
000053	00	780504	PC0500285C18	M2P04	INS	.24866	.25585	.22206	.18495	
000054	00	780504	PC0500285C18	M2P04	SOL	19.75134	19.74115	19.77794	19.81505	
000055	00	780504	PC0500285C18	M3P04	INS	.45664	.49298	.42148	.61447	
000056	00	780504	PC0500285C18	M3P04	SOL	19.50334	19.50702	19.57511	19.38553	
000057	00	780504	PC0500285C18	M2P04	INS	.00000	.21822	.29286	.23755	
000058	00	780504	PC0500285C18	M2P04	SOL	.00000	19.78178	19.70718	19.76245	
000059	00	780504	PC0500285C18	M1P04	INS	.16488	.17366	.26143	.24876	
000060	00	780504	PC0500285C18	M1P04	SOL	19.83411	19.82634	19.73855	19.75324	
000061	00	780504	PC0500285C18	M2P04	INS	.27291	.23843	.21504	.29579	
000062	00	780504	PC0500285C18	M2P04	SOL	19.72709	19.76163	19.78496	19.70421	
000063	00	780504	PC0500285C18	M3P04	INS	.42186	.32798	.52454	.45619	
000064	00	780504	PC0500285C18	M3P04	SOL	19.50815	19.67202	19.87546	19.54381	
000065	00	780521	CC0500285C18	M2P04	INS	.00000	.21919	.08353	.17199	
000066	00	780521	CC0500285C18	M2P04	SOL	.00000	19.78081	19.91847	19.72801	
000067	00	780521	CC0500285C18	M1P04	INS	.13591	.13411	.85183	.04488	
000068	00	780521	CC0500285C18	M1P04	SOL	19.82309	19.82589	19.94171	19.95520	
000069	00	780521	CC0500285C18	M2P04	INS	.03562	.14598	.03464	.03796	
000070	00	780521	CC0500285C18	M2P04	SOL	19.91418	19.95402	19.96536	19.96204	
000071	00	780521	CC0500285C18	M3P04	INS	.06081	.37493	.06908	.05065	
000072	00	780521	CC0500285C18	M3P04	SOL	19.94919	19.92507	19.94092	19.94935	
000073	00	780521	CC0500285C18	M2P04	INS	.00000	.04625	.03686	.07216	

000074	00	780521CC0500285C28.M0P04.SOL	.00000	19.26375	19.96818	19.92784
000075	00	780521CC0500285C28.M1P04.SOL	.00000	19.96818	19.96818	19.92784
000076	00	780521CC0500285C28.M1P04.SOL	19.96616	19.96885	19.97822	19.97081
000077	00	780521CC0500285C28.M2P04.SOL	.08965	.22583	.04906	.06764
000078	00	780521CC0500285C28.M2P04.SOL	19.91035	19.77417	19.95094	19.93236
000079	00	780521CC0500285C28.M3P04.SOL	.03944	.00482	.06127	.03218
000080	00	780521CC0500285C28.M1P04.SOL	19.95054	19.96818	19.97813	19.96222
000081	00	780521CC0500285C28.M2P04.SOL	.08000	.18271	.25371	.36130
000082	00	780521CC0500285C28.M3P04.SOL	.17500	.38107	.58108	.80768
000084	00	780522CC0500285C18.M1P04.SOL	19.82720	19.76317	19.66592	19.69232
000085	00	780522CC0500285C18.M2P04.SOL	.26514	.26775	.41257	.38525
000086	00	780522CC0500285C18.M3P04.SOL	19.73486	19.73224	19.58743	19.61475
000088	00	780522CC0500285C18.M3P04.SOL	.08856	.07675	.15169	.08612
000089	00	780522CC0500285C18.M3P04.SOL	.00000	19.82125	19.83130	19.90388
000090	00	780522CC0500285C18.M3P04.SOL	.00000	19.82424	19.83130	19.91133
000092	00	780522CC0500285C18.M3P04.SOL	.15850	.15131	.19130	.11329
000092	00	780522CC0500285C28.M1P04.SOL	19.85450	19.81869	19.80461	19.88671
000093	00	780522CC0500285C28.M2P04.SOL	.28051	.17718	.47117	.24012
000094	00	780522CC0500285C28.M2P04.SOL	19.71949	19.82282	19.52883	19.75988
000095	00	780522CC0500285C28.M3P04.SOL	.14697	.13530	.15167	.13062
000097	00	780522CC0500285C28.M3P04.SOL	19.85303	19.85303	19.83491	19.86938
000098	00	780522CC0500285C18.M3P04.SOL	.00000	.00000	.00000	.00000
000099	00	780522CC0500285C18.M3P04.SOL	.00000	.00000	.00000	.00000
000100	00	780523CC0500285C18.M1P04.SOL	19.95553	19.85432	19.89404	19.90281
000101	00	780523CC0500285C18.M2P04.SOL	.00000	.16874	.02488	.15906
000102	00	780523CC0500285C18.M2P04.SOL	20.00000	19.81126	19.97512	19.84094
000103	00	780523CC0500285C18.M3P04.SOL	.00000	.00000	.52448	.00000
000104	00	780523CC0500285C18.M3P04.SOL	20.00000	.00000	.78162	20.00000
000105	00	780523CC0500285C28.M0P04.SOL	.00000	.00000	.00000	.19835
000106	00	780523CC0500285C28.M0P04.SOL	.00000	.00000	.00000	19.80365
000107	00	780523CC0500285C28.M1P04.SOL	.21199	.21199	.21199	.21199
000108	00	780523CC0500285C28.M1P04.SOL	19.78717	19.83150	19.77974	19.79156
000109	00	780523CC0500285C28.M2P04.SOL	.22289	.25029	.25451	.30423
000110	00	780523CC0500285C28.M2P04.SOL	19.77711	19.74971	19.74948	19.69577
000111	00	780523CC0500285C28.M3P04.SOL	.11011	.12041	.14107	.12820
000112	00	780523CC0500285C28.M3P04.SOL	19.88889	19.88889	19.88889	19.87380
000113	00	780524CC0500285C18.M0P04.SOL	.00000	.00000	.00000	.07589
000114	00	780524CC0500285C18.M0P04.SOL	.00000	.00000	.00000	19.82411
000115	00	780524CC0500285C18.M1P04.SOL	.00000	.00000	.00000	.14500
000116	00	780524CC0500285C18.M1P04.SOL	19.95161	19.94289	19.93470	19.82500
000117	00	780524CC0500285C18.M2P04.SOL	.16596	.27293	.22179	.16649
000118	00	780524CC0500285C18.M2P04.SOL	19.83403	19.72707	19.77421	19.83351
000119	00	780524CC0500285C18.M3P04.SOL	.08227	.08227	.12387	.11648
000120	00	780524CC0500285C18.M3P04.SOL	19.91073	19.81174	19.87713	19.88315
000121	00	780524CC0500285C28.M0P04.SOL	.00000	.13168	.16404	.12592
000122	00	780524CC0500285C28.M0P04.SOL	.00000	19.85448	19.83196	19.87408
000123	00	780524CC0500285C28.M1P04.SOL	.08146	.11658	.12552	.13616
000124	00	780524CC0500285C28.M1P04.SOL	19.91854	19.88342	19.87448	19.86384
000125	00	780524CC0500285C28.M2P04.SOL	.15706	.24644	.17745	.17208
000126	00	780524CC0500285C28.M2P04.SOL	19.84294	19.75356	19.82255	19.82792
000127	00	780524CC0500285C28.M3P04.SOL	.00000	.08618	.10559	.09229
000128	00	780524CC0500285C28.M3P04.SOL	19.90950	19.88342	19.88342	19.90771
END						

GH06, P \*\*\*\*\* PRO \*\*\*\*\*

BELT, RPNLBCR1, PRO  
SRT1, 05/29/78 11 53 24 (B)

000001	00	780501PC0500285C18	M1PRO	.0000	423980.0000	3065	1285280.0000	19430.0000	546070.0000
000002	00	780501PC0500285C18	M3PRO	.0000	3561200.0000	180380.0000	1502170.0000	4107850.0000	1378370.0000
000003	00	780501PC0500285C28	M1PRO	.0000	1135350.0000	1326920.0000	69500.0000	1378370.0000	1378370.0000
000004	00	780501PC0500285C28	M2PRO	.0000	3121170.0000	1384170.0000	3323640.0000	16016120.0000	4299830.0000
000005	00	780501PC0500285C28	M3PRO	.0000	318480.0000	1526270.0000	13204280.0000	4299830.0000	4299830.0000
000006	00	780502PC0500285C18	M0PRO	.0000	.0000	127310.0000	676570.0000	1384750.0000	1384750.0000
000007	00	780502PC0500285C18	M1PRO	.0000	408880.0000	178100.0000	933800.0000	1568320.0000	1568320.0000
000008	00	780502PC0500285C18	M2PRO	.0000	408880.0000	178100.0000	933800.0000	1568320.0000	1568320.0000
000009	00	780502PC0500285C18	M3PRO	.0000	4779200.0000	235640.0000	9523890.0000	34728370.0000	34728370.0000
000010	00	780502PC0500285C28	M0PRO	.0000	232290.0000	243700.0000	195170.0000	713680.0000	713680.0000
000011	00	780502PC0500285C28	M1PRO	.0000	232290.0000	243700.0000	96710.0000	71920.0000	71920.0000
000012	00	780503PC0500285C18	M2PRO	.0000	543250.0000	324750.0000	2744320.0000	3545640.0000	3545640.0000
000013	00	780503PC0500285C18	M3PRO	.0000	6774800.0000	3401700.0000	2406130.0000	3356170.0000	3356170.0000
000014	00	780503PC0500285C18	M3PRO	.0000	1305870.0000	1099970.0000	1827290.0000	9617850.0000	9617850.0000
000015	00	780503PC0500285C28	M0PRO	.0000	50460.0000	180960.0000	179270.0000	179270.0000	179270.0000
000016	00	780503PC0500285C28	M1PRO	.0000	200080.0000	70750.0000	345070.0000	174580.0000	174580.0000
000017	00	780503PC0500285C28	M2PRO	.0000	753710.0000	1037330.0000	3089370.0000	5942680.0000	5942680.0000
000018	00	780504PC0500285C18	M0PRO	.0000	.0000	666700.0000	6990.0000	21750.0000	21750.0000
000019	00	780504PC0500285C18	M1PRO	.0000	2268380.0000	3946740.0000	2794830.0000	2078430.0000	2078430.0000
000020	00	780504PC0500285C18	M2PRO	.0000	2408450.0000	198070.0000	591000.0000	112200.0000	112200.0000
000021	00	780504PC0500285C18	M3PRO	.0000	2408450.0000	198070.0000	591000.0000	112200.0000	112200.0000
000022	00	780504PC0500285C28	M0PRO	.0000	26786140.0000	11487190.0000	12857730.0000	12217410.0000	12217410.0000
000023	00	780504PC0500285C28	M1PRO	.0000	22487450.0000	1839760.0000	7536810.0000	7950640.0000	7950640.0000
000024	00	780504PC0500285C28	M2PRO	.0000	.0000	277820.0000	365110.0000	642350.0000	642350.0000
000025	00	780504PC0500285C28	M3PRO	.0000	5894250.0000	223880.0000	12653570.0000	3480.0000	3480.0000
000026	00	780505PC0500285C18	M0PRO	.0000	1031820.0000	43210.0000	5197990.0000	8713050.0000	8713050.0000
000027	00	780505PC0500285C18	M1PRO	.0000	.0000	.0000	23490.0000	2610.0000	2610.0000
000028	00	780505PC0500285C18	M2PRO	.0000	1052700.0000	75690.0000	1642560.0000	2695550.0000	2695550.0000
000029	00	780505PC0500285C18	M3PRO	.0000	3091980.0000	1157390.0000	10247440.0000	5581340.0000	5581340.0000
000030	00	780505PC0500285C28	M0PRO	.0000	.0000	713980.0000	670480.0000	51620.0000	51620.0000
000031	00	780505PC0500285C28	M1PRO	.0000	264770.0000	344810.0000	4990900.0000	15491800.0000	15491800.0000
000032	00	780505PC0500285C28	M2PRO	.0000	1374050.0000	853690.0000	348160.0000	1139700.0000	1139700.0000
000033	00	780505PC0500285C28	M3PRO	.0000	2426140.0000	7704720.0000	4070440.0000	17390140.0000	17390140.0000
000034	00	780506PC0500285C18	M2PRO	.0000	4871130.0000	632205.0000	5868730.0000	13450780.0000	13450780.0000
000035	00	780506PC0500285C18	M3PRO	.0000	366270.0000	13920.0000	349160.0000	624950.0000	624950.0000
000036	00	780506PC0500285C28	M0PRO	.0000	1531170.0000	45240.0000	16209840.0000	8473800.0000	8473800.0000
000037	00	780506PC0500285C28	M1PRO	.0000	4783840.0000	128180.0000	17440890.0000	4487170.0000	4487170.0000
000038	00	780506PC0500285C28	M2PRO	.0000	.0000	4361.8000	4376.4000	4984.4000	4984.4000
000039	00	780506PC0500285C28	M3PRO	.0000	4956.6000	2029.8000	3109.0000	3109.0000	3109.0000
000040	00	780507PC0500285C18	M1PRO	.0000	1961.8000	7094.6000	2590.6000	2134.4000	2134.4000
000041	00	780507PC0500285C18	M2PRO	.0000	1912.6000	2749.4000	4102.0000	1946.8000	1946.8000
000042	00	780507PC0500285C18	M3PRO	.0000	1743.6000	4773.0000	1754.0000	1269.8000	1269.8000
000043	00	780508PC0500285C18	M0PRO	.0000	2658.0000	5301.0000	2999.6000	2099.8000	2099.8000
000044	00	780508PC0500285C18	M1PRO	.0000	.0000	2866.0000	5523.6000	5681.8000	5681.8000
000045	00	780508PC0500285C18	M2PRO	.0000	3085.8000	8608.7999	3129.6000	3254.2000	3254.2000
000046	00	780508PC0500285C18	M3PRO	.0000	1750.8000	6394.0000	2988.2000	2387.0000	2387.0000
000047	00	780509PC0500285C18	M0PRO	.0000	2349.8000	7562.6000	2656.2000	1834.2000	1834.2000
000048	00	780509PC0500285C18	M1PRO	.0000	.0000	4146.8000	5406.4000	8041.8000	8041.8000
000049	00	780509PC0500285C18	M2PRO	.0000	3292.2000	4927.2000	4366.2000	3683.6000	3683.6000
000050	00	780509PC0500285C18	M3PRO	.0000	1438.8000	5804.6000	1732.8000	1752.8000	1752.8000
000051	00	780510PC0500285C18	M0PRO	.0000	3060.6000	7080.0000	2638.8000	1350.2000	1350.2000
000052	00	780510PC0500285C18	M1PRO	.0000	2062.2000	6856.4000	3646.2000	2691.2000	2691.2000
000053	00	780510PC0500285C18	M2PRO	.0000	.0000	5597.8000	5986.2000	7578.8000	7578.8000
000054	00	780510PC0500285C18	M3PRO	.0000	2365.2000	5549.0000	2041.6000	3630.8000	3630.8000
000055	00	780511PC0500285C18	M0PRO	.0000	1013.6000	5918.0000	1093.8000	2802.4000	2802.4000
000056	00	780511PC0500285C18	M1PRO	.0000	.0000	5174.8000	5707.8000	4706.2000	4706.2000
000057	00	780511PC0500285C18	M2PRO	.0000	3743.4000	4841.4000	3389.6000	2294.6000	2294.6000
000058	00	780511PC0500285C18	M3PRO	.0000	1529.2000	5447.2000	1350.4000	2192.6000	2192.6000
000059	00	780512PC0500285C18	M0PRO	.0000	.0000	4478.2000	2389.6000	3576.0000	3576.0000
000060	00	780512PC0500285C18	M1PRO	.0000	2150.2000	2864.8000	2261.0000	2563.6000	2563.6000
000061	00	780512PC0500285C18	M2PRO	.0000	1770.6000	4384.4000	2311.0000	2003.0000	2003.0000
000062	00	780512PC0500285C18	M3PRO	.0000	.0000	6629.8000	6810.4000	6901.8000	6901.8000
000063	00	780513PC0500285C18	M0PRO	.0000	2512.8000	4591.8000	1510.4000	1002.8000	1002.8000
000064	00	780513PC0500285C18	M1PRO	.0000	2274.8000	6250.0000	1663.0000	2048.8000	2048.8000
000065	00	780513PC0500285C18	M2PRO	.0000	.0000	5577.2000	4340.2000	5322.6000	5322.6000
000066	00	780513PC0500285C18	M3PRO	.0000	2893.8000	6950.6000	2543.6000	2296.0000	2296.0000
000067	00	780514PC0500285C18	M0PRO	.0000	1816.8000	8525.4000	1846.0000	1654.4000	1654.4000
000068	00	780514PC0500285C18	M1PRO	.0000	.0000	4894.4000	4448.6000	6329.2000	6329.2000
000069	00	780514PC0500285C18	M2PRO	.0000	2702.0000	6217.4000	2201.6000	1584.8000	1584.8000
000070	00	780514PC0500285C18	M3PRO	.0000	2397.0000	4031.2000	2107.2000	3065.6000	3065.6000
000071	00	780515PC0500285C18	M0PRO	.0000	1775.2000	4481.4000	2267.4000	1826.6000	1826.6000
000072	00	780515PC0500285C18	M1PRO	.0000	1307.2000	5995.6000	2316.8000	1931.8000	1931.8000
000073	00	780515PC0500285C18	M2PRO	.0000	.0000	.0000	.0000	.0000	.0000

0000374	00	780524CC0500285C28.M1PRO.INS	1862.6000	5076.2000	2763.4000	2209.8000
0000375	00	780524CC0500285C28.M2PRO.INS	1053.8000	4119.5000	1286.0000	2178.2000
0000376	00	780524CC0500285C28.M3PRO.INS	1579.0000	5161.2000	1456.0000	1709.6000
0000377	00	780501PC0500285C18.M1PRO.SOL	0.0000	0.0000	0.0000	0.0000
0000378	00	780501PC0500285C18.M2PRO.SOL	0.0000	0.0000	0.0000	0.0000
0000379	00	780501PC0500285C18.M3PRO.SOL	0.0000	0.0000	0.0000	0.0000
0000380	00	780501PC0500285C18.M4PRO.SOL	0.0000	0.0000	0.0000	0.0000
0000381	00	780501PC0500285C18.M5PRO.SOL	0.0000	0.0000	0.0000	0.0000
0000382	00	780501PC0500285C28.M3PRO.SOL	658.2000	77.6000	744.0000	454.8000
0000383	00	780502PC0500285C18.M1PRO.SOL	0.0000	18.4000	38.6000	25.4000
0000384	00	780502PC0500285C18.M2PRO.SOL	735.6000	65.2000	748.8000	1046.2000
0000385	00	780502PC0500285C18.M3PRO.SOL	166.8000	211.6000	539.4000	199.2000
0000386	00	780502PC0500285C18.M4PRO.SOL	494.0000	150.8000	472.4000	407.0000
0000387	00	780502PC0500285C18.M5PRO.SOL	0.0000	86.0000	78.0000	204.8000
0000388	00	780502PC0500285C28.M1PRO.SOL	1925.2000	121.8000	827.8000	819.4000
0000389	00	780502PC0500285C28.M2PRO.SOL	0.0000	148.8000	254.8000	108.2000
0000390	00	780503PC0500285C18.M2PRO.SOL	816.6000	328.2000	638.8000	436.2000
0000391	00	780503PC0500285C18.M3PRO.SOL	251.4000	119.2000	357.2000	279.4000
0000392	00	780503PC0500285C23.M1PRO.SOL	0.0000	85.4000	37.0000	100.2000
0000393	00	780503PC0500285C28.M1PRO.SOL	1423.6000	48.4000	959.0000	939.6000
0000394	00	780503PC0500285C28.M2PRO.SOL	411.4000	91.8000	250.8000	421.2000
0000395	00	780504PC0500285C18.M1PRO.SOL	0.0000	105.8000	139.2000	144.2000
0000396	00	780504PC0500285C18.M2PRO.SOL	637.8000	126.2000	497.2000	388.0000
0000397	00	780504PC0500285C18.M3PRO.SOL	265.4000	180.4000	158.8000	220.6000
0000398	00	780504PC0500285C28.M1PRO.SOL	0.0000	158.4000	117.8000	120.0000
0000399	00	780521CC0500285C18.M2PRO.SOL	1125.6000	222.0000	683.8000	511.6000
0001000	00	780522CC0500285C18.M2PRO.SOL	1101.2000	178.8000	343.0000	539.0000
0001001	00	780522CC0500285C28.M1PRO.SOL	0.0000	15.8000	21.0000	39.2000
0001002	00	780522CC0500285C28.M2PRO.SOL	460.4000	136.0000	269.8000	340.2000
0001003	00	780522CC0500285C28.M3PRO.SOL	342.2000	44.8000	230.0000	207.8000
0001004	00	780523CC0500285C18.M1PRO.SOL	0.0000	208.0000	158.8000	231.4000
0001005	00	780523CC0500285C18.M2PRO.SOL	24.8000	92.2000	303.0000	354.6000
0001006	00	780523CC0500285C18.M3PRO.SOL	355.0000	113.2000	374.2000	220.2000
0001007	00	780523CC0500285C28.M1PRO.SOL	0.0000	53.4000	41.0000	67.6000
0001008	00	780523CC0500285C28.M2PRO.SOL	287.4000	110.8000	355.2000	270.6000
0001009	00	780524CC0500285C18.M1PRO.SOL	0.0000	113.8000	450.4000	488.4000
0001010	00	780524CC0500285C18.M2PRO.SOL	494.8000	26.0000	375.4000	306.8000
0001011	00	780524CC0500285C18.M3PRO.SOL	486.0000	65.8000	675.8000	338.4000
0001012	00	780524CC0500285C28.M1PRO.SOL	475.4000	45.8000	867.4000	557.0000
0001013	00	780524CC0500285C28.M2PRO.SOL	219.6000	151.2000	258.8000	411.0000
0001014	00	780524CC0500285C28.M3PRO.SOL	578.4000	87.0000	343.0000	291.8000

END CL1.



RDG P \*\*\*\*\* SOX \*\*\*\*\*

ELT L RFHL5CP1.SOX  
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000001	00	780501PC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000002	00	780501PC0500285C18.MD.SOX.S04	.00000	.00000	.00000	.00000
000003	00	780501PC0500285C18.M1.SOX.ELS	.14907	.27199	.08697	.09830
000004	00	780501PC0500285C18.M1.SOX.S04	19.85093	19.72801	19.91303	19.80170
000005	00	780501PC0500285C18.M2.SOX.ELS	.55887	.11185	.11242	.13878
000006	00	780501PC0500285C18.M2.SOX.S04	19.44113	19.88815	19.98758	19.86122
000007	00	780501PC0500285C18.M3.SOX.ELS	.06905	.11286	.09102	.09510
000008	00	780501PC0500285C18.M3.SOX.S04	19.93095	19.88714	19.90898	19.90490
000009	00	780501PC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000010	00	780501PC0500285C28.MD.SOX.S04	.00000	.00000	.00000	.00000
000011	00	780501PC0500285C28.M1.SOX.ELS	.18132	.06221	.10887	.23978
000012	00	780501PC0500285C28.M1.SOX.S04	19.81868	19.93779	19.89513	17.60222
000013	00	780501PC0500285C28.M2.SOX.ELS	1.15001	.28416	1.45296	.10713
000014	00	780501PC0500285C28.M2.SOX.S04	19.84999	19.71584	18.34704	19.89287
000015	00	780501PC0500285C28.M3.SOX.ELS	.04821	.48388	.14081	.35763
000016	00	780501PC0500285C28.M3.SOX.S04	19.95179	19.51612	19.85919	19.64237
000017	00	780502PC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000018	00	780502PC0500285C18.MD.SOX.S04	.00000	.00000	.00000	.00000
000019	00	780502PC0500285C18.M1.SOX.ELS	.85683	.33330	.33118	.70048
000020	00	780502PC0500285C18.M1.SOX.S04	19.74339	19.66870	19.66882	19.29952
000021	00	780502PC0500285C18.M2.SOX.ELS	.21328	.10925	.12327	.13857
000022	00	780502PC0500285C18.M2.SOX.S04	19.78672	19.89775	19.87673	19.86543
000023	00	780502PC0500285C18.M3.SOX.ELS	.11029	.11239	.15969	.15406
000024	00	780502PC0500285C18.M3.SOX.S04	19.88971	19.88761	19.84031	19.84594
000025	00	780502PC0500285C28.MD.SOX.ELS	.00000	.00000	.00000	.00000
000026	00	780502PC0500285C28.MD.SOX.S04	.00000	.00000	.00000	.00000
000027	00	780502PC0500285C28.M1.SOX.ELS	.19776	.21182	.07731	.11890
000028	00	780502PC0500285C28.M1.SOX.S04	19.80224	19.78858	19.92269	19.88110
000029	00	780502PC0500285C28.M2.SOX.ELS	.08327	.13566	.07583	.08665
000030	00	780502PC0500285C28.M2.SOX.S04	19.95207	19.86744	19.82377	19.91635
000031	00	780502PC0500285C28.M3.SOX.ELS	.76922	.10191	.09831	.09637
000032	00	780502PC0500285C28.M3.SOX.S04	19.92308	19.97809	19.90169	19.90363
000033	00	780503PC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000034	00	780503PC0500285C18.MD.SOX.S04	.00000	.00000	.00000	.00000
000035	00	780503PC0500285C18.M1.SOX.ELS	.02965	.12849	.08732	.10157
000036	00	780503PC0500285C18.M1.SOX.S04	19.97035	19.87151	19.91268	19.89843
000037	00	780503PC0500285C18.M2.SOX.ELS	.00000	.00000	.00000	.00000
000038	00	780503PC0500285C18.M2.SOX.S04	19.90070	19.94168	19.94766	19.94377
000039	00	780503PC0500285C18.M3.SOX.ELS	.02279	.02431	.06228	.07179
000040	00	780503PC0500285C18.M3.SOX.S04	19.97721	19.97169	19.91772	19.92821
000041	00	780503PC0500285C28.MD.SOX.ELS	.00000	.00000	.00000	.00000
000042	00	780503PC0500285C28.MD.SOX.S04	.00000	.00000	.00000	.00000
000043	00	780503PC0500285C28.M1.SOX.ELS	.04570	.06860	.14813	.03595
000044	00	780503PC0500285C28.M1.SOX.S04	19.95879	19.93150	19.85687	19.96405
000045	00	780503PC0500285C28.M2.SOX.ELS	.00000	.00000	.00000	.00000
000046	00	780503PC0500285C28.M2.SOX.S04	19.96287	19.90837	19.93826	19.93893
000047	00	780503PC0500285C28.M3.SOX.ELS	.11986	.08227	.16030	.07690
000048	00	780503PC0500285C28.M3.SOX.S04	19.88014	19.91773	19.83970	19.92310
000049	00	780504PC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000050	00	780504PC0500285C18.MD.SOX.S04	.00000	.00000	.00000	.00000
000051	00	780504PC0500285C18.M1.SOX.ELS	.19458	.49738	.00000	.00000
000052	00	780504PC0500285C18.M1.SOX.S04	19.87280	19.87280	19.92347	19.91744
000053	00	780504PC0500285C18.M2.SOX.ELS	.00000	.00000	.00000	.00000
000054	00	780504PC0500285C18.M2.SOX.S04	19.96565	19.82226	19.84351	19.83001
000055	00	780504PC0500285C18.M3.SOX.ELS	.06249	.05138	.11276	.14856
000056	00	780504PC0500285C18.M3.SOX.S04	19.93751	19.94862	19.88724	19.85144
000057	00	780504PC0500285C28.MD.SOX.ELS	.00000	.00000	.00000	.00000
000058	00	780504PC0500285C28.MD.SOX.S04	.00000	.00000	.00000	.00000
000059	00	780504PC0500285C28.M1.SOX.ELS	.12091	.12736	.05948	.03791
000060	00	780504PC0500285C28.M1.SOX.S04	19.87280	19.87280	19.92347	19.91744
000061	00	780504PC0500285C28.M2.SOX.ELS	.00000	.00000	.00000	.00000
000062	00	780504PC0500285C28.M2.SOX.S04	19.84094	19.94137	19.91631	19.93734
000063	00	780504PC0500285C28.M3.SOX.ELS	.30994	.14136	.04248	.01809
000064	00	780504PC0500285C28.M3.SOX.S04	19.95906	19.85864	19.95752	19.98191
000065	00	780521CC0500285C18.MD.SOX.ELS	.00000	.00000	.00000	.00000
000066	00	780521CC0500285C18.MD.SOX.S04	.00000	.00000	.00000	.00000
000067	00	780521CC0500285C18.M1.SOX.ELS	.01279	.03077	.04641	.02166
000068	00	780521CC0500285C18.M1.SOX.S04	19.98721	19.96923	19.95359	19.87833
000069	00	780521CC0500285C18.M2.SOX.ELS	.00000	.00000	.00000	.00000
000070	00	780521CC0500285C18.M2.SOX.S04	19.98100	19.98787	19.98519	19.98000
000071	00	780521CC0500285C18.M3.SOX.ELS	.17811	.05134	.02734	.02221
000072	00	780521CC0500285C18.M3.SOX.S04	19.82189	19.94862	19.87766	19.87509
000073	00	780521CC0500285C28.MD.SOX.ELS	.00000	.00000	.00000	.00000

000074	00	780521CC0500285C28.M0SOX.S04	.00000	.00000	.00000	.00000
000075	00	780521CC0500285C28.M1SOX.ELS	.00861	.01119	.02012	.07396
000076	00	780521CC0500285C28.M1SOX.S04	19.99139	19.98881	19.97888	19.92604
000077	00	780521CC0500285C28.M2SOX.ELS	.01843	.01151	.10662	.07638
000078	00	780521CC0500285C28.M2SOX.S04	19.98057	19.93809	19.89371	19.92362
000079	00	780521CC0500285C28.M3SOX.ELS	.02928	.01157	.04747	.05902
000080	00	780521CC0500285C28.M3SOX.S04	19.97072	19.98843	19.95253	19.94098
000081	00	780522CC0500285C18.M0SOX.ELS	.00000	.00000	.00000	.00000
000082	00	780522CC0500285C18.M0SOX.S04	.00000	.00000	.00000	.00000
000083	00	780522CC0500285C18.M1SOX.ELS	.04750	.01090	.04502	.03927
000084	00	780522CC0500285C18.M1SOX.S04	19.95250	19.98910	19.95498	19.96073
000085	00	780522CC0500285C18.M2SOX.ELS	.04737	2.37394	.06417	3.50126
000086	00	780522CC0500285C18.M2SOX.S04	19.95263	17.62606	19.93583	16.49874
000087	00	780522CC0500285C18.M3SOX.ELS	.11395	.63437	.37139	.15261
000088	00	780522CC0500285C18.M3SOX.S04	19.88605	19.36563	19.62861	19.84739
000089	00	780522CC0500285C28.M0SOX.ELS	.00000	.00000	.00000	.00000
000090	00	780522CC0500285C28.M0SOX.S04	.00000	.00000	.00000	.00000
000091	00	780522CC0500285C28.M1SOX.ELS	.61353	.17790	.70334	.28532
000092	00	780522CC0500285C28.M1SOX.S04	19.38647	19.82210	19.29665	19.71468
000093	00	780522CC0500285C28.M2SOX.ELS	.15040	.16503	.04487	.02084
000094	00	780522CC0500285C28.M2SOX.S04	19.84920	19.89097	19.95813	19.97916
000095	00	780522CC0500285C28.M3SOX.ELS	.16457	.08007	.11851	.31660
000096	00	780522CC0500285C28.M3SOX.S04	19.83543	19.91993	19.88149	19.68340
000097	00	780523CC0500285C18.M0SOX.ELS	.00000	.00000	.00000	.00000
000098	00	780523CC0500285C18.M0SOX.S04	.00000	.00000	.00000	.00000
000099	00	780523CC0500285C18.M1SOX.ELS	.19462	.08865	.55102	.17132
000100	00	780523CC0500285C18.M1SOX.S04	19.80538	19.91135	19.44298	19.82868
000101	00	780523CC0500285C18.M2SOX.ELS	.03360	.18993	.05124	.07119
000102	00	780523CC0500285C18.M2SOX.S04	19.96640	19.99010	19.94176	19.92851
000103	00	780523CC0500285C18.M3SOX.ELS	.10732	.04186	.07888	.04064
000104	00	780523CC0500285C18.M3SOX.S04	19.89268	19.95814	19.92112	19.95936
000105	00	780523CC0500285C28.M0SOX.ELS	.00000	.00000	.00000	.00000
000106	00	780523CC0500285C28.M0SOX.S04	.00000	.00000	.00000	.00000
000107	00	780523CC0500285C28.M1SOX.ELS	.15538	.10399	.20209	.25494
000108	00	780523CC0500285C28.M1SOX.S04	19.84462	19.89601	19.79791	19.74506
000109	00	780523CC0500285C28.M2SOX.ELS	.04503	1.30649	.10476	.24115
000110	00	780523CC0500285C28.M2SOX.S04	19.95497	18.60351	19.89524	19.75985
000111	00	780523CC0500285C28.M3SOX.ELS	2.00640	.14149	.07342	.06743
000112	00	780523CC0500285C28.M3SOX.S04	17.99360	19.85851	19.92658	19.93257
000113	00	780524CC0500285C18.M0SOX.ELS	.00000	.00000	.00000	.00000
000114	00	780524CC0500285C18.M0SOX.S04	.00000	.00000	.00000	.00000
000115	00	780524CC0500285C18.M1SOX.ELS	.07850	.09068	.10831	.13788
000116	00	780524CC0500285C18.M1SOX.S04	19.92150	19.90952	19.89969	19.86252
000117	00	780524CC0500285C18.M2SOX.ELS	.05193	.04724	.26473	.40120
000118	00	780524CC0500285C18.M2SOX.S04	19.94809	19.90276	19.75927	19.59871
000119	00	780524CC0500285C18.M3SOX.ELS	.05607	.14599	.14270	.66004
000120	00	780524CC0500285C18.M3SOX.S04	19.94393	19.85401	19.85730	19.33996
000121	00	780524CC0500285C28.M0SOX.ELS	.00000	.00000	.00000	.00000
000122	00	780524CC0500285C28.M0SOX.S04	.00000	.00000	.00000	.00000
000123	00	780524CC0500285C28.M1SOX.ELS	.11773	.07173	19.15445	.05477
000124	00	780524CC0500285C28.M1SOX.S04	19.96636	19.90254	19.95986	19.39250
000125	00	780524CC0500285C28.M2SOX.ELS	.14920	.06136	.13120	.09589
000126	00	780524CC0500285C28.M2SOX.S04	19.85080	19.93864	19.86879	19.90411

ADHG,P \*\*\*\*\* SJR \*\*\*\*\*

SLT	L	RFHL	PCP1	SJR	SLT	L	RFHL	PCP1	SJR
000001	00	780501	PC0500285C18	M3SOR.RED	.00000	.13771	.04619	.02784	
000002	00	780501	PC0500285C18	M3SOR.S04	.00000	19.86220	19.95381	19.97216	
000003	00	780501	PC0500285C18	M1SOR.RED	.01491	.01152	.01398	.01148	
000004	00	780501	PC0500285C18	M1SOR.S04	19.98609	19.98638	19.98606	19.98852	
000005	00	780501	PC0500285C18	M2SOR.RED	.01041	.01333	.01392	.02192	
000006	00	780501	PC0500285C18	M2SOR.S04	19.98955	19.98987	19.98986	19.99066	
000007	00	780501	PC0500285C18	M3SOR.RED	.03724	.09176	.08059	.03772	
000008	00	780501	PC0500285C18	M3SOR.S04	19.96276	19.93824	19.91941	19.96228	
000009	00	780501	PC0500285C18	M3SOR.S04	.00000	.02858	.01410	.00935	
000010	00	780501	PC0500285C18	M3SOR.S04	.00000	19.07142	19.08590	19.09065	
000011	00	780501	PC0500285C28	M1SOR.RED	.05771	.05748	.05996	.05885	
000012	00	780501	PC0500285C28	M1SOR.S04	19.94229	19.94252	19.94404	19.94114	
000013	00	780501	PC0500285C28	M2SOR.RED	.02862	.05845	.00000	.02820	
000014	00	780501	PC0500285C28	M2SOR.S04	19.94156	19.94435	19.94912	19.94988	
000015	00	780501	PC0500285C28	M3SOR.RED	8.88633	.06610	.00668	.04343	
000016	00	780501	PC0500285C28	M3SOR.S04	11.11367	19.93390	19.93332	19.95657	
000017	00	780502	PC0500285C18	M3SOR.RED	.00000	.03323	.03693	.04273	
000018	00	780502	PC0500285C18	M3SOR.S04	.00000	19.06737	19.06737	19.06737	
000019	00	780502	PC0500285C18	M1SOR.RED	.02288	.02745	.08183	.06322	
000020	00	780502	PC0500285C18	M1SOR.S04	19.97735	19.97260	19.91817	19.99678	
000021	00	780502	PC0500285C18	M2SOR.RED	.01735	.03788	.03088	.06203	
000022	00	780502	PC0500285C18	M2SOR.S04	19.98952	19.98911	19.98913	19.98707	
000023	00	780502	PC0500285C18	M3SOR.RED	.01271	.03198	.02715	.01797	
000024	00	780502	PC0500285C18	M3SOR.S04	19.98729	19.96802	19.97285	19.98203	
000025	00	780502	PC0500285C28	M3SOR.RED	.00000	.50803	.05805	.03680	
000026	00	780502	PC0500285C28	M3SOR.S04	.00000	19.00197	19.00196	19.00196	
000027	00	780502	PC0500285C28	M1SOR.RED	.07336	.08724	.08683	.03381	
000028	00	780502	PC0500285C28	M1SOR.S04	19.95863	19.95863	19.95863	19.95863	
000029	00	780502	PC0500285C28	M2SOR.RED	.01735	.03788	.03088	.06203	
000030	00	780502	PC0500285C28	M2SOR.S04	19.98952	19.98911	19.98913	19.98707	
000031	00	780502	PC0500285C28	M3SOR.RED	.01614	.08815	.02421	.01420	
000032	00	780502	PC0500285C28	M3SOR.S04	19.96386	19.91185	19.97579	19.98580	
000033	00	780502	PC0500285C18	M3SOR.PED	.00000	.03395	.06780	.02044	
000034	00	780502	PC0500285C18	M3SOR.S04	.00000	19.06737	19.06737	19.06737	
000035	00	780503	PC0500285C18	M1SOR.RED	.01735	.03788	.03088	.06203	
000036	00	780503	PC0500285C18	M1SOR.S04	19.98952	19.98911	19.98913	19.98707	
000037	00	780503	PC0500285C18	M2SOR.RED	.01735	.03788	.03088	.06203	
000038	00	780503	PC0500285C18	M2SOR.S04	19.98952	19.98911	19.98913	19.98707	
000039	00	780503	PC0500285C18	M3SOR.RED	.01687	.02979	.06176	.03068	
000040	00	780503	PC0500285C18	M3SOR.S04	19.98313	19.97021	19.93824	19.96992	
000041	00	780503	PC0500285C28	M3SOR.RED	.00000	.01867	.04523	.07379	
000042	00	780503	PC0500285C28	M3SOR.S04	.00000	19.00197	19.00196	19.00196	
000043	00	780503	PC0500285C28	M1SOR.RED	.01840	.02339	.07356	.03341	
000044	00	780503	PC0500285C28	M1SOR.S04	19.98160	19.97481	19.92644	19.96209	
000045	00	780503	PC0500285C18	M3SOR.RED	.00000	.02653	.06642	.06209	
000046	00	780503	PC0500285C18	M3SOR.S04	.00000	19.03323	19.03323	19.03323	
000047	00	780504	PC0500285C18	M1SOR.RED	.00000	.00000	.00000	.03147	
000048	00	780504	PC0500285C18	M1SOR.S04	19.97720	19.98049	19.99204	19.96853	
000049	00	780504	PC0500285C18	M2SOR.RED	.01735	.03788	.03088	.06203	
000050	00	780504	PC0500285C18	M2SOR.S04	19.98952	19.98911	19.98913	19.98707	
000051	00	780504	PC0500285C18	M3SOR.RED	.01442	.01190	.02414	.01497	
000052	00	780504	PC0500285C18	M3SOR.S04	19.98558	19.98810	19.97586	19.98503	
000053	00	780504	PC0500285C28	M3SOR.RED	.00000	.03815	.03760	.04158	
000054	00	780504	PC0500285C28	M3SOR.S04	.00000	19.06737	19.06737	19.06737	
000055	00	780504	PC0500285C28	M1SOR.RED	.01221	.01563	.01522	.00589	
000056	00	780504	PC0500285C28	M1SOR.S04	19.91779	19.98440	19.98478	19.99411	
000057	00	780504	PC0500285C28	M2SOR.RED	.05268	.02397	.03759	.02568	
000058	00	780504	PC0500285C28	M2SOR.S04	19.93732	19.97603	19.96241	19.97432	
000059	00	780504	PC0500285C28	M3SOR.RED	.01931	.02083	.01163	.06776	
000060	00	780504	PC0500285C28	M3SOR.S04	19.98069	19.97917	19.98837	19.93224	
000061	00	780521	CC0500285C18	M3SOR.RED	.00000	.45061	.05378	.03539	
000062	00	780521	CC0500285C18	M3SOR.S04	.00000	19.54939	19.94622	19.94661	
000063	00	780521	CC0500285C18	M1SOR.RED	.02006	.07390	.07486	.05436	
000064	00	780521	CC0500285C18	M1SOR.S04	19.17994	18.26093	19.92514	19.94568	
000065	00	780521	CC0500285C18	M2SOR.RED	.04374	.06184	.06157	.03903	
000066	00	780521	CC0500285C18	M2SOR.S04	19.95626	19.93443	19.93443	19.94097	
000067	00	780521	CC0500285C18	M3SOR.RED	.02922	.05154	.02361	.02543	
000068	00	780521	CC0500285C18	M3SOR.S04	19.97078	19.94846	19.97639	19.97457	
000069	00	780521	CC0500285C24	M3SOR.PED	.00000	.06973	.03679	.04245	

000074	00	730521CC0500285C28.M3SOR.S04	.00000	19.93027	19.96321	19.95755
000075	00	780521CC0500285C28.M1SOR.REO	.04723	.02577	.07598	.04162
000076	00	780521CC0500285C28.M1SOR.S04	19.99277	19.97923	19.92402	19.95838
000077	00	780521CC0500285C28.M2SOR.REO	.31060	.28200	.05251	.15273
000078	00	780521CC0500285C28.M2SOR.S04	19.88940	19.74808	19.96740	19.84727
000079	00	780521CC0500285C28.M3SOR.REO	.00557	.01463	.00715	.09046
000080	00	780521CC0500285C28.M3SOR.S04	19.99443	19.98537	19.99285	19.90954
000081	00	780521CC0500285C18.M3SOR.S04	.00000	.02997	.04304	.03420
000082	00	780521CC0500285C18.M3SOR.REO	.00000	19.97733	19.95484	19.94580
000083	00	780521CC0500285C18.M1SOR.REO	.01734	.01473	.08849	.06682
000084	00	780521CC0500285C18.M1SOR.S04	19.98266	19.98027	19.91151	19.93358
000085	00	780521CC0500285C18.M2SOR.REO	.01957	.01119	.11119	.04700
000086	00	780521CC0500285C18.M2SOR.S04	19.98083	19.98404	19.98636	19.95300
000087	00	780521CC0500285C18.M3SOR.REO	.03831	.00000	.00991	.04416
000088	00	780521CC0500285C18.M3SOR.S04	19.96169	20.00770	19.99009	19.95584
000089	00	780521CC0500285C28.M3SOR.REO	.00000	.04718	.03093	.06157
000090	00	780521CC0500285C28.M3SOR.S04	.00000	19.95242	19.96007	19.91847
000091	00	780521CC0500285C28.M1SOR.REO	.11013	.01462	.01794	.05687
000092	00	780521CC0500285C28.M1SOR.S04	19.88987	19.98338	19.98206	19.94317
000093	00	780521CC0500285C28.M2SOR.REO	.02600	.00000	.03193	.10082
000094	00	780521CC0500285C28.M2SOR.S04	19.97480	20.00000	19.96807	19.99934
000095	00	780521CC0500285C28.M3SOR.REO	.00710	.01188	.09319	.17460
000096	00	780521CC0500285C28.M3SOR.S04	19.99290	19.98812	19.90681	19.82540
000097	00	780521CC0500285C18.M3SOR.REO	.00000	.01930	.02659	.04228
000098	00	780521CC0500285C18.M3SOR.S04	.00000	19.98070	19.97301	19.95772
000099	00	780521CC0500285C18.M1SOR.REO	.01773	.00000	.02443	.06003
000100	00	780521CC0500285C18.M1SOR.S04	19.98867	20.00000	19.97826	19.99009
000101	00	780521CC0500285C18.M2SOR.REO	.01463	.01107	.02000	.03786
000102	00	780521CC0500285C18.M2SOR.S04	19.98404	19.98493	19.93400	19.92014
000103	00	780521CC0500285C18.M3SOR.REO	.01261	.00964	.01633	.04198
000104	00	780521CC0500285C18.M3SOR.S04	19.98739	19.99336	19.98367	19.95802
000105	00	780521CC0500285C28.M3SOR.REO	.00000	.00855	.04826	.03488
000106	00	780521CC0500285C28.M3SOR.S04	.00000	19.98145	19.98170	19.96512
000107	00	780521CC0500285C28.M1SOR.REO	.00417	.03923	.00424	.01307
000108	00	780521CC0500285C28.M1SOR.S04	19.99583	19.96077	19.99536	19.98013
000109	00	780521CC0500285C28.M2SOR.REO	.00000	.01133	.02374	.00000
000110	00	780521CC0500285C28.M2SOR.S04	19.98338	19.98137	19.97626	19.99843
000111	00	780521CC0500285C28.M3SOR.REO	.01068	.01676	.01843	.01457
000112	00	780521CC0500285C28.M3SOR.S04	19.96932	19.98423	19.98157	19.98543
000113	00	780521CC0500285C13.M3SOR.REO	.00000	.01210	.13380	.02672
000114	00	780521CC0500285C18.M3SOR.S04	.00000	19.98761	19.86620	19.97378
000115	00	780521CC0500285C18.M1SOR.REO	.03640	.02017	.01659	.06104
000116	00	780521CC0500285C18.M1SOR.S04	19.96360	19.97983	19.98341	19.93811
000117	00	780521CC0500285C18.M2SOR.REO	.00024	.01313	.01900	.01002
000118	00	780521CC0500285C18.M2SOR.S04	19.98404	19.98667	19.98980	19.96544
000119	00	780521CC0500285C18.M3SOR.REO	.01256	.01097	.02316	.00974
000120	00	780521CC0500285C18.M3SOR.S04	19.98744	19.98903	19.97684	19.99026
000121	00	780521CC0500285C28.M3SOR.REO	.00000	.00206	.00923	.03007
000122	00	780521CC0500285C28.M3SOR.S04	.00000	19.99142	19.99077	19.96007
000123	00	780521CC0500285C28.M1SOR.REO	.00020	.00227	.05248	.01000
000124	00	780521CC0500285C28.M1SOR.S04	19.98980	19.99273	19.99762	19.98000
000125	00	780521CC0500285C28.M2SOR.REO	.01388	.00950	.03288	.01000
000126	00	780521CC0500285C28.M2SOR.S04	19.98612	19.98050	19.96730	19.98000
000127	00	780521CC0500285C28.M3SOR.REO	.00191	.00200	.01447	.03877
000128	00	780521CC0500285C28.M3SOR.S04	19.99809	19.99800	19.98553	19.96123

END FILE

ALTL, SFHLRCP2, CFL

ELT007 SL73R1 05/29/79 11 53 29 (0,)

000001	00	780801PC0500285C1B.MOCEL.CO2	.00	25.71	161.00	201.00
000002	00	780801PC0500285C1B.MOCEL.INS	.00	25088.75	124840.00	198251.00
000003	00	780801PC0500285C1B.MOCEL.SOL	.00	4893.72	35746.00	22021.00
000004	00	780801PC0500285C1B.MOCEL.CO2	.00	25.71	44.18	201.00
000005	00	780801PC0500285C1B.MOCEL.INS	.00	25088.75	23356.84	198251.00
000006	00	780801PC0500285C1B.MOCEL.SOL	.00	4893.72	6615.03	22021.00
000007	00	780801PC0500285C1B.MOCEL.CO2	.00	25.71	44.18	201.00
000008	00	780801PC0500285C1B.MOCEL.INS	.00	25088.75	23356.84	26976.73
000009	00	780801PC0500285C1B.MOCEL.SOL	.00	4893.72	6613.03	2996.42
000010	00	780801PC0500285C2B.MOCEL.CO2	.00	19.76	280.00	194.00
000011	00	780801PC0500285C2B.MOCEL.INS	.00	27179.07	268730.00	278406.00
000012	00	780801PC0500285C2B.MOCEL.SOL	.00	2607.51	32212.00	40948.00
000013	00	780801PC0500285C2B.MOCEL.CO2	.00	19.76	41.73	194.00
000014	00	780801PC0500285C2B.MOCEL.INS	.00	27379.02	26698.21	279405.00
000015	00	780801PC0500285C2B.MOCEL.SOL	.00	2607.51	3273.33	40948.00
000016	00	780801PC0500285C2B.MOCEL.CO2	.00	19.76	41.73	26.63
000017	00	780801PC0500285C2B.MOCEL.INS	.00	27379.02	26698.21	26149.52
000018	00	780801PC0500285C2B.MOCEL.SOL	.00	2607.51	3273.33	3832.32
000019	00	780801PC0500285C1B.MOCEL.CO2	1348.30	822.85	636.00	826.00
000020	00	780801PC0500285C1B.MOCEL.INS	25666.26	198859.00	144413.00	128479.00
000021	00	780801PC0500285C1B.MOCEL.SOL	2414.44	32593.00	15279.00	13117.00
000022	00	780801PC0500285C1B.MOCEL.CO2	1348.30	155.71	936.00	6026.00
000023	00	780801PC0500285C1B.MOCEL.INS	26666.26	25688.19	144413.00	128479.00
000024	00	780801PC0500285C1B.MOCEL.SOL	2414.44	4209.64	15279.00	13117.00
000025	00	780801PC0500285C1B.MOCEL.CO2	1348.30	155.71	256.47	6026.00
000026	00	780801PC0500285C1B.MOCEL.INS	26666.26	25688.19	26979.97	128479.00
000027	00	780801PC0500285C1B.MOCEL.SOL	2414.44	4209.64	26979.97	13117.00
000028	00	780801PC0500285C1B.MOCEL.CO2	1348.30	155.71	26979.97	179.10
000029	00	780801PC0500285C1B.MOCEL.INS	26666.26	25688.19	26979.97	26109.13
000030	00	780801PC0500285C1B.MOCEL.SOL	2414.44	4209.64	2845.16	2665.66
000031	00	780801PC0500285C2B.MOCEL.CO2	430.70	1202.00	2415.00	7252.00
000032	00	780801PC0500285C2B.MOCEL.INS	27109.89	997006.00	119628.00	196742.00
000033	00	780801PC0500285C2B.MOCEL.SOL	2596.46	28576.00	45350.00	17785.00
000034	00	780801PC0500285C2B.MOCEL.CO2	430.70	51.51	24.16	7252.00
000035	00	780801PC0500285C2B.MOCEL.INS	27109.89	20124.46	119628.00	196742.00
000036	00	780801PC0500285C2B.MOCEL.SOL	2596.46	834.92	45350.00	17785.00
000037	00	780801PC0500285C2B.MOCEL.CO2	430.70	51.51	635.05	7252.00
000038	00	780801PC0500285C2B.MOCEL.INS	27109.89	29129.86	21439.48	196742.00
000039	00	780801PC0500285C2B.MOCEL.SOL	2596.46	834.92	8127.53	17785.00
000040	00	780801PC0500285C2B.MOCEL.CO2	430.70	51.51	635.05	1438.77
000041	00	780801PC0500285C2B.MOCEL.INS	27109.89	29129.86	21439.48	26613.25
000042	00	780801PC0500285C2B.MOCEL.SOL	2596.46	834.92	8127.53	2406.77
000043	00	780801PC0500285C1B.MOCEL.CO2	2622.04	763.00	4844.00	6226.00
000044	00	780801PC0500285C1B.MOCEL.INS	2622.04	117755.00	140142.00	177785.00
000045	00	780801PC0500285C1B.MOCEL.SOL	2335.23	27540.00	11566.00	14494.00
000046	00	780801PC0500285C1B.MOCEL.CO2	2022.08	229.85	4004.00	8926.00
000047	00	780801PC0500285C1B.MOCEL.INS	2622.04	24186.62	140142.00	177785.00
000048	00	780801PC0500285C1B.MOCEL.SOL	2335.23	5656.66	11566.00	14494.00
000049	00	780801PC0500285C1B.MOCEL.CO2	2022.08	229.85	1131.47	8926.00
000050	00	780801PC0500285C1B.MOCEL.INS	2622.04	24186.62	21800.48	177785.00
000051	00	780801PC0500285C1B.MOCEL.SOL	2335.23	5656.66	1131.47	14494.00
000052	00	780801PC0500285C1B.MOCEL.CO2	2022.08	229.85	1131.47	1551.96
000053	00	780801PC0500285C1B.MOCEL.INS	2622.04	24186.62	27000.23	26508.04
000054	00	780801PC0500285C1B.MOCEL.SOL	2335.23	5656.66	2228.34	2151.08
000055	00	780801PC0500285C2B.MOCEL.CO2	604.17	552.00	8893.00	5715.00
000056	00	780801PC0500285C2B.MOCEL.INS	29355.06	147645.00	161788.00	123819.00
000057	00	780801PC0500285C2B.MOCEL.SOL	35.28	31896.00	10346.00	10857.00
000058	00	780801PC0500285C2B.MOCEL.CO2	894.17	134.39	8823.00	5715.00
000059	00	780801PC0500285C2B.MOCEL.INS	29355.06	24595.07	161788.00	123819.00
000060	00	780801PC0500285C2B.MOCEL.SOL	35.28	5313.31	10346.00	10857.00
000061	00	780801PC0500285C2B.MOCEL.CO2	894.17	134.39	2161.51	5915.00
000062	00	780801PC0500285C2B.MOCEL.INS	29355.06	24595.07	26811.69	123819.00
000063	00	780801PC0500285C2B.MOCEL.SOL	35.28	5313.31	1714.55	10857.00
000064	00	780801PC0500285C2B.MOCEL.CO2	894.17	134.39	2161.51	1851.19
000065	00	780801PC0500285C2B.MOCEL.INS	29355.06	24595.07	26811.69	26421.11
000066	00	780801PC0500285C2B.MOCEL.SOL	35.28	5313.31	1714.55	2316.72
000067	00	780801PC0500285C1B.MOCEL.CO2	4635.93	1962.00	15450.00	17326.00
000068	00	780801PC0500285C1B.MOCEL.INS	23923.51	15210.00	71440.00	173416.00
000069	00	780801PC0500285C1B.MOCEL.SOL	2615.63	36416.00	9972.00	11717.00
000070	00	780801PC0500285C1B.MOCEL.CO2	4635.93	445.94	15450.00	17326.00
000071	00	780801PC0500285C1B.MOCEL.INS	23923.51	24352.43	71440.00	173416.00
000072	00	780801PC0500285C1B.MOCEL.SOL	2915.63	5643.32	9972.00	11717.00
000073	00	780801PC0500285C1B.MOCEL.CO2	4635.93	445.94	7018.23	17326.00
000074	00	780801PC0500285C1B.MOCEL.INS	23923.51	24052.63	22126.32	173416.00

000075	00	780801PC0500285C18.M3CEL.SOL	2915.63	5643.32	3088.52	11717.00
000076	00	780801PC0500285C18.M3CEL.CO2	4635.93	445.94	7018.23	3765.42
000077	00	780801PC0500285C18.M3CEL.INS	23923.51	24052.63	22126.32	25696.46
000078	00	780801PC0500285C18.M3CEL.SOL	2915.63	5643.32	3088.52	1736.20
000079	00	780801PC0500285C23.M3CEL.CO2	5807.31	4744.00	12778.00	19402.00
000080	00	780801PC0500285C23.M3CEL.INS	23347.50	126955.00	95264.00	113561.00
000081	00	780801PC0500285C23.M3CEL.SOL	2692.97	27950.60	6436.00	14366.00
000082	00	780801PC0500285C23.M3CEL.INS	5807.31	1307.39	1878.88	19402.00
000083	00	780801PC0500285C23.M3CEL.SOL	2692.97	5251.82	1688.72	14366.00
000084	00	780801PC0500285C28.M3CEL.SOL	2692.97	5251.82	6436.00	14366.00
000085	00	780801PC0500285C28.M3CEL.CO2	5807.31	1307.39	4908.88	19402.00
000086	00	780801PC0500285C28.M3CEL.INS	23347.50	23856.78	24966.32	113561.00
000087	00	780801PC0500285C28.M3CEL.SOL	2692.97	5251.82	1688.72	14366.00
000088	00	780801PC0500285C28.M3CEL.INS	23347.50	23856.78	24966.32	113561.00
000089	00	780801PC0500285C28.M3CEL.SOL	2692.97	5251.82	1688.72	14366.00
000090	00	780801PC0500285C28.M3CEL.INS	23347.50	23856.78	24966.32	113561.00
000091	00	780801PC0500285C28.M3CEL.SOL	2692.97	5251.82	1688.72	14366.00
000092	00	780802PC0500285C18.MOCEL.INS	.00	28043.43	131766.00	537919.00
000093	00	780802PC0500285C18.MOCEL.SOL	.00	1945.31	21456.00	27400.00
000094	00	780802PC0500285C18.MOCEL.CO2	.00	16.51	46.76	310.00
000095	00	780802PC0500285C18.MOCEL.INS	.00	28043.43	25760.91	537919.00
000096	00	780802PC0500285C18.MOCEL.SOL	.00	1945.31	4100.21	27400.00
000097	00	780802PC0500285C18.MOCEL.CO2	.00	16.51	46.76	24.11
000098	00	780802PC0500285C18.MOCEL.INS	.00	28043.43	25760.91	28530.11
000099	00	780802PC0500285C18.MOCEL.SOL	.00	1945.31	4100.21	27400.00
000100	00	780802PC0500285C23.MOCEL.CO2	.00	16.45	214.00	233.00
000101	00	780802PC0500285C23.MOCEL.INS	.00	27576.39	531503.00	361182.00
000102	00	780802PC0500285C23.MOCEL.SOL	.00	2412.39	1423.00	23273.00
000103	00	780802PC0500285C23.MOCEL.INS	.00	1346.72	47731.00	3178.00
000104	00	780802PC0500285C28.MOCEL.INS	.00	27576.39	29907.94	361182.00
000105	00	780802PC0500285C28.MOCEL.SOL	.00	2412.39	88.02	23973.00
000106	00	780802PC0500285C28.MOCEL.INS	.00	1346.72	11766	26.60
000107	00	780802PC0500285C28.MOCEL.SOL	.00	2412.39	20407.94	24115.72
000108	00	780802PC0500285C28.MOCEL.INS	.00	1346.72	80.02	1866.15
000109	00	780802PC0500285C18.MICEL.CO2	458.18	923.00	1959.00	3041.00
000110	00	780802PC0500285C18.MICEL.INS	23340.88	589203.00	396614.00	296745.00
000111	00	780802PC0500285C18.MICEL.SOL	1346.72	47731.00	18184.00	3178.00
000112	00	780802PC0500285C18.MICEL.INS	23340.88	27576.39	1959.00	3041.00
000113	00	780802PC0500285C18.MICEL.SOL	1346.72	47731.00	18184.00	296745.00
000114	00	780802PC0500285C18.MICEL.INS	23340.88	27576.39	1959.00	3041.00
000115	00	780802PC0500285C18.MICEL.SOL	1346.72	47731.00	18184.00	296745.00
000116	00	780802PC0500285C18.MICEL.INS	23340.88	27713.11	28491.34	296745.00
000117	00	780802PC0500285C18.MICEL.SOL	1346.72	2243.61	1377.99	7178.00
000118	00	780802PC0500285C18.MICEL.CO2	458.18	63.47	208.33	435.69
000119	00	780802PC0500285C18.MICEL.INS	23340.88	27713.11	28491.34	296745.00
000120	00	780802PC0500285C18.MICEL.SOL	1346.72	2243.61	1377.99	7178.00
000121	00	780802PC0500285C28.MICEL.CO2	493.29	1617.00	4807.00	1958.00
000122	00	780802PC0500285C28.MICEL.INS	27605.61	325534.00	287324.00	343154.00
000123	00	780802PC0500285C28.MICEL.SOL	2058.05	4134.00	15810.00	14170.00
000124	00	780802PC0500285C23.MICEL.CO2	493.29	193.00	4461.00	1958.00
000125	00	780802PC0500285C23.MICEL.INS	27605.61	26461.33	283520.00	343154.00
000126	00	780802PC0500285C23.MICEL.SOL	2058.05	3407.11	15810.00	14170.00
000127	00	780802PC0500285C23.MICEL.INS	27605.61	26461.33	283520.00	343154.00
000128	00	780802PC0500285C28.MICEL.SOL	2058.05	4134.00	15810.00	14170.00
000129	00	780802PC0500285C28.MICEL.INS	27605.61	26461.33	283520.00	343154.00
000130	00	780802PC0500285C28.MICEL.SOL	2058.05	4134.00	15810.00	14170.00
000131	00	780802PC0500285C28.MICEL.INS	27605.61	26461.33	283520.00	343154.00
000132	00	780802PC0500285C28.MICEL.SOL	2058.05	3407.11	1561.27	1183.16
000133	00	780802PC0500285C18.M2CEL.CO2	1555.86	3695.00	4731.00	1827.00
000134	00	780802PC0500285C18.M2CEL.INS	27450.31	200236.00	171578.00	114562.00
000135	00	780802PC0500285C18.M2CEL.SOL	1555.86	12359.00	13689.00	6137.00
000136	00	780802PC0500285C18.M2CEL.INS	27450.31	200236.00	171578.00	114562.00
000137	00	780802PC0500285C18.M2CEL.SOL	1555.86	12359.00	13689.00	6137.00
000138	00	780802PC0500285C18.M2CEL.INS	27450.31	200236.00	171578.00	114562.00
000139	00	780802PC0500285C18.M2CEL.SOL	1555.86	12359.00	13689.00	6137.00
000140	00	780802PC0500285C18.M2CEL.INS	27450.31	27773.27	27091.55	114562.00
000141	00	780802PC0500285C18.M2CEL.SOL	1488.88	1714.23	2161.44	6137.00
000142	00	780802PC0500285C18.M2CEL.CO2	1555.86	751.68	1095.61	656.09
000143	00	780802PC0500285C18.M2CEL.INS	27450.31	27773.27	27091.55	114562.00
000144	00	780802PC0500285C18.M2CEL.SOL	1488.88	1714.23	2161.44	6137.00
000145	00	780802PC0500285C28.M2CEL.INS	39737.23	209380.00	314714.00	339284.00
000146	00	780802PC0500285C28.M2CEL.SOL	809.26	2276.00	4460.00	2016.00

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000147	00	78082PC0500285C28.M2CEL.SOL	2097.17	41485.00	33089.00	9579.00
000148	00	78082PC0500285C28.M2CEL.SOL	2097.17	36393.34	314714.00	339264.00
000149	00	78082PC0500285C28.M2CEL.SOL	809.26	269.97	4460.00	2016.00
000150	00	78082PC0500285C28.M2CEL.SOL	2097.17	4916.39	33019.00	9679.00
000151	00	78082PC0500285C28.M2CEL.SOL	2097.17	36393.34	33009.88	339264.00
000152	00	78082PC0500285C28.M2CEL.SOL	809.26	269.97	379.83	2016.00
000153	00	78082PC0500285C28.M2CEL.SOL	2097.17	4916.39	2817.98	9679.00
000154	00	78082PC0500285C28.M2CEL.SOL	39737.23	36393.34	39309.88	42533.87
000155	00	78082PC0500285C28.M2CEL.SOL	809.26	269.97	379.83	2016.00
000156	00	78082PC0500285C28.M2CEL.SOL	2097.17	4916.39	2817.98	9679.00
000157	00	78082PC0500285C28.M2CEL.SOL	2875.82	1870.00	17049.00	14295.00
000158	00	78082PC0500285C28.M2CEL.SOL	25709.94	26912.92	236870.00	197456.00
000159	00	78082PC0500285C28.M2CEL.SOL	2329.28	30248.60	19534.00	10038.00
000160	00	78082PC0500285C28.M2CEL.SOL	2875.82	263.62	17069.00	14295.00
000161	00	78082PC0500285C28.M2CEL.SOL	25709.94	26912.92	236870.00	197456.00
000162	00	78082PC0500285C28.M2CEL.SOL	2329.28	2907.34	19534.00	10038.00
000163	00	78082PC0500285C28.M2CEL.SOL	2875.82	263.62	2746.29	14295.00
000164	00	78082PC0500285C28.M2CEL.SOL	25709.94	26912.92	25944.65	197456.00
000165	00	78082PC0500285C28.M2CEL.SOL	2329.28	2907.34	2142.88	1357.78
000166	00	78082PC0500285C28.M2CEL.SOL	2875.82	263.62	2746.29	14295.00
000167	00	78082PC0500285C28.M2CEL.SOL	25709.94	26912.92	25944.65	197456.00
000168	00	78082PC0500285C28.M2CEL.SOL	2329.28	2907.34	2142.88	1357.78
000169	00	78082PC0500285C28.M2CEL.SOL	1574.86	1841.00	13081.00	16048.00
000170	00	78082PC0500285C28.M2CEL.SOL	27773.99	170375.00	278343.00	412269.00
000171	00	78082PC0500285C28.M2CEL.SOL	1152.24	41974.99	10201.00	13448.00
000172	00	78082PC0500285C28.M2CEL.SOL	1574.86	578.19	13081.00	16048.00
000173	00	78082PC0500285C28.M2CEL.SOL	27773.99	23863.49	278343.00	412269.00
000174	00	78082PC0500285C28.M2CEL.SOL	1152.24	5878.65	10301.00	13448.00
000175	00	78082PC0500285C28.M2CEL.SOL	1574.86	778.44	1501.58	16048.00
000176	00	78082PC0500285C28.M2CEL.SOL	27773.99	23863.49	278343.00	412269.00
000177	00	78082PC0500285C28.M2CEL.SOL	1152.24	5878.65	1024.21	13448.00
000178	00	78082PC0500285C28.M2CEL.SOL	1574.86	378.19	1907.58	1598.39
000179	00	78082PC0500285C28.M2CEL.SOL	27773.99	23863.49	278343.00	412269.00
000180	00	78082PC0500285C28.M2CEL.SOL	1152.24	5878.65	1024.21	913.25
000181	00	78082PC0500285C28.M2CEL.SOL	.00	31.97	110.00	83.00
000182	00	78082PC0500285C28.M2CEL.SOL	.00	26665.55	575156.00	194282.00
000183	00	78082PC0500285C28.M2CEL.SOL	.00	3112.65	34423.00	37372.00
000184	00	78082PC0500285C28.M2CEL.SOL	.00	31.97	7.94	83.00
000185	00	78082PC0500285C28.M2CEL.SOL	.00	26865.55	28300.56	194282.00
000186	00	78082PC0500285C28.M2CEL.SOL	.00	3112.65	1694.03	37372.00
000187	00	78082PC0500285C28.M2CEL.SOL	.00	26865.55	7.94	1694.03
000188	00	78082PC0500285C28.M2CEL.SOL	.00	3112.65	28300.56	25151.19
000189	00	78082PC0500285C28.M2CEL.SOL	.00	21.71	1694.03	4838.07
000190	00	78082PC0500285C28.M2CEL.SOL	.00	21.71	96.00	155.00
000191	00	78082PC0500285C28.M2CEL.SOL	.00	26865.55	2132.96.00	412847.00
000192	00	78082PC0500285C28.M2CEL.SOL	.00	3125.28	29604.00	34540.00
000193	00	78082PC0500285C28.M2CEL.SOL	.00	21.71	17.38	155.00
000194	00	78082PC0500285C28.M2CEL.SOL	.00	26865.55	26313.27	412847.00
000195	00	78082PC0500285C28.M2CEL.SOL	.00	21.71	3674.67	34540.00
000196	00	78082PC0500285C28.M2CEL.SOL	.00	21.71	17.38	15.24
000197	00	78082PC0500285C28.M2CEL.SOL	.00	26865.55	26313.27	2767.30
000198	00	78082PC0500285C28.M2CEL.SOL	.00	3125.28	3654.67	2315.31
000199	00	78082PC0500285C28.M2CEL.SOL	154.67	1095.00	1480.00	4236.00
000200	00	78082PC0500285C28.M2CEL.SOL	28198.51	331775.00	402119.00	570626.00
000201	00	78082PC0500285C28.M2CEL.SOL	1695.89	38535.00	23058.00	22649.00
000202	00	78082PC0500285C28.M2CEL.SOL	154.67	129.72	1479.00	4236.00
000203	00	78082PC0500285C28.M2CEL.SOL	28198.51	26798.91	402119.00	570626.00
000204	00	78082PC0500285C28.M2CEL.SOL	1595.89	3112.64	23058.00	22649.00
000205	00	78082PC0500285C28.M2CEL.SOL	154.67	129.72	163.55	4236.00
000206	00	78082PC0500285C28.M2CEL.SOL	28198.51	26798.91	28274.04	570626.00
000207	00	78082PC0500285C28.M2CEL.SOL	1595.89	3112.64	1621.27	22649.00
000208	00	78082PC0500285C28.M2CEL.SOL	154.67	129.72	153.55	311.93
000209	00	78082PC0500285C28.M2CEL.SOL	28198.51	26798.91	28274.04	28650.15
000210	00	78082PC0500285C28.M2CEL.SOL	1595.89	3112.64	1621.27	1137.17
000211	00	78082PC0500285C28.M2CEL.SOL	237.27	1131.00	4476.00	2259.00
000212	00	78082PC0500285C28.M2CEL.SOL	28277.31	979115.00	214555.00	337528.00
000213	00	78082PC0500285C28.M2CEL.SOL	1560.91	31042.00	19573.00	14000.00
000214	00	78082PC0500285C28.M2CEL.SOL	237.27	51.38	4476.00	2259.00
000215	00	78082PC0500285C28.M2CEL.SOL	28277.31	29640.15	214555.00	337528.00
000216	00	78082PC0500285C28.M2CEL.SOL	1560.91	920.82	19603.00	14000.00
000217	00	78082PC0500285C28.M2CEL.SOL	237.27	51.38	829.00	2259.00
000218	00	78082PC0500285C28.M2CEL.SOL	28277.31	29044.15	26972.00	337528.00
000219	00	78082PC0500285C28.M2CEL.SOL	154.67	920.82	2444.48	14000.00
000220	00	78082PC0500285C28.M2CEL.SOL	237.27	51.38	829.00	280.95
000221	00	78082PC0500285C28.M2CEL.SOL	28277.31	29044.15	26972.00	24621.29
000222	00	78082PC0500285C28.M2CEL.SOL	1560.91	920.82	2464.40	1167.15

000223	00	780803PC0500285C18.M2CEL.C02	948.32	3257.00	4132.00	2296.00
000224	00	780803PC0500285C18.M2CEL.TNS	26171.04	194117.00	90390.00	258341.00
000225	00	780803PC0500285C18.M2CEL.SOL	3182.38	34081.00	16402.00	12006.00
000226	00	780803PC0500285C18.M2CEL.C02	948.32	619.16	4152.00	2296.00
000227	00	780803PC0500285C18.M2CEL.TNS	26171.04	25160.44	90390.00	258341.00
000228	00	780803PC0500285C18.M2CEL.SOL	3182.38	4417.40	16402.00	12006.00
000229	00	780803PC0500285C18.M2CEL.C02	948.32	619.16	1689.03	2296.00
000230	00	780803PC0500285C18.M2CEL.TNS	26171.04	25160.44	24446.47	258341.00
000231	00	780803PC0500285C18.M2CEL.SOL	3182.38	4417.40	4486.01	12006.00
000232	00	780803PC0500285C18.M2CEL.C02	948.32	619.16	1689.03	370.54
000233	00	780803PC0500285C18.M2CEL.TNS	26171.04	25160.44	24446.47	28426.29
000234	00	780803PC0500285C18.M2CEL.SOL	3182.38	4417.40	4486.01	1321.07
000235	00	780803PC0500285C18.M2CEL.C02	948.32	619.16	4486.01	2911.00
000236	00	780803PC0500285C28.M2CEL.TNS	25216.86	269494.00	244075.00	607387.00
000237	00	780803PC0500285C28.M2CEL.SOL	2564.45	33634.00	33468.00	25253.00
000238	00	780803PC0500285C28.M2CEL.C02	1787.40	403.56	4222.00	2911.00
000239	00	780803PC0500285C28.M2CEL.TNS	26216.86	26426.68	244075.00	607387.00
000240	00	780803PC0500285C28.M2CEL.SOL	2564.45	3298.16	33468.00	25253.00
000241	00	780803PC0500285C28.M2CEL.C02	1787.40	403.56	659.30	2911.00
000242	00	780803PC0500285C28.M2CEL.TNS	26216.86	26426.68	25987.08	607387.00
000243	00	780803PC0500285C28.M2CEL.SOL	2564.45	3298.16	1563.40	25253.00
000244	00	780803PC0500285C28.M2CEL.C02	1787.40	403.56	659.30	201.53
000245	00	780803PC0500285C28.M2CEL.TNS	26216.86	26426.68	25987.08	28670.67
000246	00	780803PC0500285C28.M2CEL.SOL	2564.45	3298.16	3563.40	1192.02
000247	00	780803PC0500285C18.M3CEL.TNS	1948.74	4202.00	6093.00	9052.00
000248	00	780803PC0500285C18.M3CEL.SOL	24168.05	217958.00	371826.00	153188.00
000249	00	780803PC0500285C18.M3CEL.C02	4503.26	43854.00	6265.00	48139.00
000250	00	780803PC0500285C18.M3CEL.TNS	1948.74	695.03	8093.00	9052.00
000251	00	780803PC0500285C18.M3CEL.SOL	24168.05	24580.44	171878.00	138188.00
000252	00	780803PC0500285C18.M3CEL.C02	4503.26	4945.68	5255.00	48139.00
000253	00	780803PC0500285C18.M3CEL.TNS	1948.74	695.03	972.10	9052.00
000254	00	780803PC0500285C18.M3CEL.SOL	24168.05	24580.44	24845.37	153188.00
000255	00	780803PC0500285C18.M3CEL.C02	4503.26	4945.68	4486.01	48139.00
000256	00	780803PC0500285C18.M3CEL.TNS	1948.74	695.03	972.10	1193.19
000257	00	780803PC0500285C18.M3CEL.SOL	24168.05	24580.44	28845.37	21844.58
000258	00	780803PC0500285C18.M3CEL.C02	4503.26	4945.68	4486.01	6864.61
000259	00	780803PC0500285C28.M3CEL.TNS	26216.86	1427.00	10230.00	10571.00
000260	00	780803PC0500285C28.M3CEL.SOL	26156.74	278041.00	255032.00	444228.00
000261	00	780803PC0500285C28.M3CEL.C02	2478.98	41894.00	12685.00	13113.00
000262	00	780803PC0500285C28.M3CEL.TNS	26156.74	241.35	12239.00	10571.00
000263	00	780803PC0500285C28.M3CEL.SOL	2478.98	25211.42	255032.00	444228.00
000264	00	780803PC0500285C28.M3CEL.C02	2478.98	4630.84	12685.00	13113.00
000265	00	780803PC0500285C28.M3CEL.TNS	26156.74	231.35	1619.18	10571.00
000266	00	780803PC0500285C28.M3CEL.SOL	2478.98	2511.42	2136.98	444228.00
000267	00	780803PC0500285C28.M3CEL.C02	2478.98	4630.84	1345.08	13113.00
000268	00	780803PC0500285C28.M3CEL.TNS	26156.74	231.35	1619.18	994.04
000269	00	780803PC0500285C28.M3CEL.SOL	2478.98	2511.42	27576.96	28481.51
000270	00	780803PC0500285C28.M3CEL.C02	2478.98	4630.84	1345.08	840.74
000271	00	780803PC0500285C18.M0CEL.TNS	.00	16.48	101.00	166.00
000272	00	780804PC0500285C18.M0CEL.SOL	.00	27412.53	337102.00	356519.00
000273	00	780804PC0500285C18.M0CEL.C02	.00	2576.23	26690.00	23586.00
000274	00	780804PC0500285C18.M0CEL.TNS	.00	16.48	12.45	186.00
000275	00	780804PC0500285C18.M0CEL.SOL	.00	27412.53	27791.91	355419.00
000276	00	780804PC0500285C18.M0CEL.C02	.00	2576.23	2199.60	27546.00
000277	00	780804PC0500285C18.M0CEL.TNS	.00	16.48	12.45	21.58
000278	00	780804PC0500285C18.M0CEL.SOL	.00	27412.53	27791.91	28122.72
000279	00	780804PC0500285C18.M0CEL.C02	.00	2576.23	2199.60	1662.67
000280	00	780804PC0500285C28.M0CEL.TNS	.00	20.68	134.00	254.00
000281	00	780804PC0500285C28.M0CEL.SOL	.00	25543.68	133990.00	335581.00
000282	00	780804PC0500285C28.M0CEL.C02	.00	4442.22	21467.00	99907.00
000283	00	780804PC0500285C28.M0CEL.TNS	.00	20.68	37.00	254.00
000284	00	780804PC0500285C28.M0CEL.SOL	.00	25543.68	25833.97	335581.00
000285	00	780804PC0500285C28.M0CEL.C02	.00	4442.22	4140.19	49907.00
000286	00	780804PC0500285C28.M0CEL.TNS	.00	20.68	37.00	28.97
000287	00	780804PC0500285C28.M0CEL.SOL	.00	25543.68	25833.97	26098.67
000288	00	780804PC0500285C28.M0CEL.C02	.00	4442.22	4140.19	3881.38
000289	00	780804PC0500285C18.M1CEL.TNS	533.36	1476.00	2547.00	5698.00
000290	00	780804PC0500285C18.M1CEL.SOL	27708.90	148743.00	212990.00	181120.00
000291	00	780804PC0500285C18.M1CEL.C02	1927.44	29714.00	18988.00	16455.00
000292	00	780804PC0500285C18.M1CEL.TNS	533.36	360.93	2547.00	5698.00
000293	00	780804PC0500285C18.M1CEL.SOL	27708.90	24799.73	212990.00	181120.00
000294	00	780804PC0500285C18.M1CEL.C02	1927.44	4954.18	18988.00	16455.00
000295	00	780804PC0500285C18.M1CEL.TNS	533.36	360.93	477.89	5698.00
000296	00	780804PC0500285C18.M1CEL.SOL	27708.90	24799.73	27247.61	181120.00
000297	00	780804PC0500285C18.M1CEL.C02	1927.44	4954.18	2426.56	16455.00
000298	00	780804PC0500285C18.M1CEL.TNS	533.36	360.93	477.89	1233.38
000299	00	780804PC0500285C18.M1CEL.SOL	27708.90	24799.73	27247.61	24730.55
000300	00	780804PC0500285C18.M1CEL.C02	1927.44	4954.18	2426.56	2428.51



000301	00	78C804PC05002F5C26.MICEL.CU2	337.51	951.00	1198.00	6919.00
000302	00	78C804PC05002F5C26.MICEL.INS	28327.35	169389.00	124307.00	338624.00
000303	00	78C804PC05002F5C26.MICEL.SOL	1442.53	24746.00	13791.00	28462.00
000304	00	78C804PC05002F5C26.MICEL.CO2	337.51	215.61	1198.00	6919.00
000305	00	78C804PC05002F5C26.MICEL.INS	28327.35	26182.39	124307.00	338624.00
000306	00	78C804PC05002F5C26.MICEL.SOL	1442.53	3670.60	13781.00	28462.00
000307	00	78C804PC05002F5C26.MICEL.CO2	337.51	215.61	378.44	6919.00
000309	00	78C804PC05002F5C26.MICEL.INS	28327.35	26182.39	26773.76	338624.00
000309	00	78C804PC05002F5C26.MICEL.SOL	1442.53	3670.60	2968.21	28462.00
000310	00	78C804PC05002F5C26.MICEL.CO2	337.51	215.61	378.44	813.99
000311	00	78C804PC05002F5C26.MICEL.INS	28327.35	26182.39	26773.76	27161.99
000312	00	78C804PC05002F5C26.MICEL.SOL	1442.53	3670.60	2968.21	2783.02
000313	00	78C804PC05002F5C26.MICEL.CO2	1291.13	2468.00	6102.00	3423.00
000314	00	78C804PC05002F5C26.MICEL.INS	27798.37	140511.00	199876.00	131063.00
000315	00	78C804PC05002F5C26.MICEL.SOL	1321.31	20238.00	14245.00	10151.00
000316	00	78C804PC05002F5C26.MICEL.CO2	1291.13	665.34	6102.00	3423.00
000317	00	78C804PC05002F5C26.MICEL.INS	27798.37	25827.01	199876.00	131063.00
000318	00	78C804PC05002F5C26.MICEL.SOL	1321.31	3719.35	14245.00	10151.00
000319	00	78C804PC05002F5C26.MICEL.CO2	1291.13	665.34	1218.94	3423.00
000320	00	78C804PC05002F5C26.MICEL.INS	27798.37	25827.01	27223.27	131063.00
000321	00	78C804PC05002F5C26.MICEL.SOL	1321.31	3719.35	1945.63	10151.00
000322	00	78C804PC05002F5C26.MICEL.CO2	1291.13	665.34	1218.94	1041.31
000323	00	78C804PC05002F5C26.MICEL.INS	27798.37	25827.01	27223.27	27184.54
000324	00	78C804PC05002F5C26.MICEL.SOL	1321.31	3719.35	1945.63	2105.48
000325	00	78C804PC05002F5C26.MICEL.CO2	767.34	1730.00	2648.00	5219.00
000326	00	78C804PC05002F5C26.MICEL.INS	27912.02	132090.00	118885.00	104889.00
000327	00	78C804PC05002F5C26.MICEL.SOL	1564.79	26171.00	10065.00	10104.00
000328	00	78C804PC05002F5C26.MICEL.CO2	767.34	475.78	2648.00	5219.00
000329	00	78C804PC05002F5C26.MICEL.INS	27912.02	24768.27	118885.00	104889.00
000330	00	78C804PC05002F5C26.MICEL.SOL	1564.79	4907.34	10065.00	10334.00
000331	00	78C804PC05002F5C26.MICEL.CO2	767.34	475.78	845.36	15219.00
000332	00	78C804PC05002F5C26.MICEL.INS	27912.02	24768.27	27101.86	104889.00
000333	00	78C804PC05002F5C26.MICEL.SOL	1564.79	4907.34	2294.49	10304.00
000334	00	78C804PC05002F5C26.MICEL.CO2	767.34	475.78	845.36	1907.09
000335	00	78C804PC05002F5C26.MICEL.INS	27912.02	24768.27	27101.86	26132.53
000336	00	78C804PC05002F5C26.MICEL.SOL	1564.79	4907.34	2294.49	2567.19
000337	00	78C804PC05002F5C26.MICEL.CO2	4897.42	2475.00	15203.00	16534.60
000338	00	78C804PC05002F5C26.MICEL.INS	24262.12	140807.00	160794.00	181039.00
000339	00	78C804PC05002F5C26.MICEL.SOL	2398.73	23395.00	13099.00	13334.00
000340	00	78C804PC05002F5C26.MICEL.CO2	4897.42	653.52	15203.00	16534.00
000341	00	78C804PC05002F5C26.MICEL.INS	24262.12	25349.77	160794.00	181039.00
000342	00	78C804PC05002F5C26.MICEL.SOL	2398.73	4204.65	13099.00	13334.00
000343	00	78C804PC05002F5C26.MICEL.CO2	4897.42	653.52	3639.21	16534.00
000344	00	78C804PC05002F5C26.MICEL.INS	24262.12	25349.77	25522.05	181039.00
000345	00	78C804PC05002F5C26.MICEL.SOL	2398.73	4204.65	2064.86	19334.00
000346	00	78C804PC05002F5C26.MICEL.CO2	4897.42	653.52	3639.21	3353.65
000347	00	78C804PC05002F5C26.MICEL.INS	24262.12	25349.77	25522.05	28094.18
000348	00	78C804PC05002F5C26.MICEL.SOL	2398.73	4204.65	2064.86	2674.05
000349	00	78C804PC05002F5C26.MICEL.CO2	3025.36	2524.00	3567.00	12208.00
000350	00	78C804PC05002F5C26.MICEL.INS	27903.33	279801.00	119148.00	129141.00
000351	00	78C804PC05002F5C26.MICEL.SOL	33.92	26171.00	11244.00	15349.00
000352	00	78C804PC05002F5C26.MICEL.CO2	3025.36	359.71	3567.00	12208.00
000353	00	78C804PC05002F5C26.MICEL.INS	27903.33	27188.11	119148.00	129141.00
000354	00	78C804PC05002F5C26.MICEL.SOL	33.92	2566.63	11244.00	15349.00
000355	00	78C804PC05002F5C26.MICEL.CO2	3025.36	359.71	1178.01	12208.00
000356	00	78C804PC05002F5C26.MICEL.INS	27903.33	27188.11	26679.11	129141.00
000357	00	78C804PC05002F5C26.MICEL.SOL	33.92	2566.63	2517.71	15349.00
000358	00	78C804PC05002F5C26.MICEL.CO2	3025.36	359.71	1178.01	3427.94
000359	00	78C804PC05002F5C26.MICEL.INS	27903.33	27188.11	26679.11	24724.18
000360	00	78C804PC05002F5C26.MICEL.SOL	33.92	2566.63	2517.71	2938.58
000361	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	22.20	161.00	475.00
000362	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27668.59	32481.00	209163.00
000363	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2316.27	51952.00	41686.00
000364	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	22.20	16.84	47.50
000365	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27668.59	35914.44	209163.00
000366	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2316.27	4072.71	41686.00
000367	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	22.20	16.84	83.16
000368	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27668.59	25914.44	24967.33
000369	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2316.27	4072.71	4975.97
000370	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	16.64	353.00	224.00
000371	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27322.20	272648.00	265122.00
000372	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2666.46	40617.00	4126.00
000373	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	16.64	49.52	224.00
000374	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27322.20	26081.05	265122.00
000375	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2666.46	3885.18	48126.00
000376	00	78C821CC05002B5C18.MOCCEL.CO2	0.00	16.64	49.52	32.26
000377	00	78C821CC05002B5C18.MOCCEL.INS	0.00	27322.20	26081.05	26037.28
000378	00	78C821CC05002B5C18.MOCCEL.SOL	0.00	2666.46	3885.18	3940.72



000457	00	780822CC0500285C1B.MOCEL.CO2	182.47	295.13	385.76
000458	00	780822CC0500285C1B.MOCEL.SOL	2087.58	14572.57	13027.63
000459	00	780822CC0500285C1B.MOCEL.SOL	2482.25	15276.21	18641.17
000460	00	780822CC0500285C2B.MOCEL.INS	29839.49	106156.00	144699.00
000461	00	780822CC0500285C2B.MOCEL.SOL	5261.39	12257.00	20808.00
000462	00	780822CC0500285C2B.MOCEL.SOL	4393.51	7774.00	15786.00
000463	00	780822CC0500285C2B.MOCEL.INS	29839.49	37015.97	144688.00
000464	00	780822CC0500285C1B.MOCEL.SOL	5261.39	2913.78	20808.00
000465	00	780822CC0500285C2B.MOCEL.SOL	4593.51	1848.06	15786.00
000466	00	780822CC0500285C2B.MOCEL.INS	29839.49	37015.97	35118.60
000467	00	780822CC0500285C1B.MOCEL.SOL	5261.39	2913.78	3443.27
000468	00	780822CC0500285C2B.MOCEL.SOL	4393.51	1848.06	2612.24
000469	00	780822CC0500285C1B.MOCEL.CO2	2237.79	3958.00	7026.00
000470	00	780822CC0500285C1B.MOCEL.INS	27056.87	232062.00	159123.00
000471	00	780822CC0500285C2B.MOCEL.CO2	1417.42	5545.00	8671.00
000472	00	780822CC0500285C1B.MOCEL.CO2	2237.79	717.96	7026.00
000473	00	780822CC0500285C1B.MOCEL.INS	27056.87	232062.00	159123.00
000474	00	780822CC0500285C2B.MOCEL.CO2	1417.42	5545.00	8671.00
000475	00	780822CC0500285C1B.MOCEL.INS	27056.87	232062.00	159123.00
000476	00	780822CC0500285C1B.MOCEL.INS	1417.42	809.47	8671.00
000477	00	780822CC0500285C2B.MOCEL.CO2	2237.79	717.96	1768.36
000478	00	780822CC0500285C1B.MOCEL.INS	27056.87	232062.00	159123.00
000479	00	780822CC0500285C2B.MOCEL.INS	1417.42	809.47	1487.99
000480	00	780822CC0500285C2B.MOCEL.CO2	2237.79	717.96	1487.99
000481	00	780822CC0500285C1B.MOCEL.INS	27056.87	232062.00	159123.00
000482	00	780822CC0500285C2B.MOCEL.SOL	36587.09	150443.00	130654.00
000483	00	780822CC0500285C1B.MOCEL.SOL	2512.67	4274.16	3055.28
000484	00	780822CC0500285C2B.MOCEL.SOL	36587.09	150443.00	130654.00
000485	00	780822CC0500285C1B.MOCEL.INS	2512.67	4274.16	3055.28
000486	00	780822CC0500285C2B.MOCEL.INS	36587.09	150443.00	130654.00
000487	00	780822CC0500285C1B.MOCEL.INS	2512.67	4274.16	3055.28
000488	00	780822CC0500285C1B.MOCEL.SOL	2512.67	4274.16	3055.28
000489	00	780822CC0500285C2B.MOCEL.SOL	36587.09	150443.00	130654.00
000490	00	780822CC0500285C1B.MOCEL.INS	2512.67	4274.16	3055.28
000491	00	780822CC0500285C2B.MOCEL.INS	36587.09	150443.00	130654.00
000492	00	780822CC0500285C1B.MOCEL.SOL	2512.67	4274.16	3055.28
000493	00	780822CC0500285C2B.MOCEL.CO2	1841.23	1392.00	7384.00
000494	00	780822CC0500285C1B.MOCEL.INS	26876.99	150939.00	10375.00
000495	00	780822CC0500285C2B.MOCEL.CO2	1841.23	1392.00	7384.00
000496	00	780822CC0500285C1B.MOCEL.CO2	1841.23	1392.00	7384.00
000497	00	780822CC0500285C1B.MOCEL.INS	26876.99	29487.37	107375.00
000498	00	780822CC0500285C2B.MOCEL.CO2	1937.63	240.68	5498.00
000499	00	780822CC0500285C1B.MOCEL.CO2	1841.23	1392.00	7384.00
000500	00	780822CC0500285C2B.MOCEL.INS	26876.99	29487.37	107375.00
000501	00	780822CC0500285C1B.MOCEL.CO2	1937.63	240.68	5498.00
000502	00	780822CC0500285C2B.MOCEL.CO2	1841.23	1392.00	7384.00
000503	00	780822CC0500285C1B.MOCEL.INS	26876.99	29487.37	107375.00
000504	00	780822CC0500285C2B.MOCEL.INS	1460.75	111871.00	176497.00
000505	00	780822CC0500285C1B.MOCEL.INS	1290.98	35953.00	12691.00
000506	00	780822CC0500285C2B.MOCEL.SOL	344.87	5401.92	22483.00
000507	00	780822CC0500285C1B.MOCEL.SOL	4160.75	27677.14	176497.00
000508	00	780822CC0500285C2B.MOCEL.INS	1290.98	5727.31	12691.00
000509	00	780822CC0500285C1B.MOCEL.SOL	344.87	5401.92	22483.00
000510	00	780822CC0500285C2B.MOCEL.SOL	4160.75	27677.14	176497.00
000511	00	780822CC0500285C1B.MOCEL.SOL	1290.98	5727.31	12691.00
000512	00	780822CC0500285C2B.MOCEL.SOL	344.87	5401.92	22483.00
000513	00	780822CC0500285C1B.MOCEL.SOL	4160.75	27677.14	176497.00
000514	00	780822CC0500285C2B.MOCEL.SOL	1290.98	5727.31	12691.00
000515	00	780822CC0500285C1B.MOCEL.SOL	344.87	5401.92	22483.00
000516	00	780822CC0500285C2B.MOCEL.SOL	4160.75	27677.14	176497.00
000517	00	780822CC0500285C1B.MOCEL.SOL	1290.98	5727.31	12691.00
000518	00	780822CC0500285C2B.MOCEL.SOL	344.87	5401.92	22483.00
000519	00	780822CC0500285C1B.MOCEL.SOL	4160.75	27677.14	176497.00
000520	00	780822CC0500285C2B.MOCEL.SOL	1290.98	5727.31	12691.00
000521	00	780822CC0500285C1B.MOCEL.SOL	344.87	5401.92	22483.00
000522	00	780822CC0500285C2B.MOCEL.SOL	4160.75	27677.14	176497.00
000523	00	780822CC0500285C1B.MOCEL.SOL	1290.98	5727.31	12691.00
000524	00	780822CC0500285C2B.MOCEL.SOL	344.87	5401.92	22483.00
000525	00	780822CC0500285C1B.MOCEL.SOL	4160.75	27677.14	176497.00
000526	00	780822CC0500285C2B.MOCEL.SOL	1290.98	5727.31	12691.00
000527	00	780822CC0500285C1B.MOCEL.SOL	344.87	5401.92	22483.00
000528	00	780822CC0500285C2B.MOCEL.SOL	4160.75	27677.14	176497.00
000529	00	780822CC0500285C1B.MOCEL.SOL	1290.98	5727.31	12691.00
000530	00	780822CC0500285C2B.MOCEL.SOL	344.87	5401.92	22483.00
000531	00	780822CC0500285C1B.MOCEL.SOL	4160.75	27677.14	176497.00
000532	00	780822CC0500285C2B.MOCEL.SOL	1290.98	5727.31	12691.00
000533	00	780822CC0500285C1B.MOCEL.SOL	344.87	5401.92	22483.00
000534	00	780822CC0500285C2B.MOCEL.SOL	4160.75	27677.14	176497.00

000535	00	780823CC0500285C28	M3CEL	INS	4469.79	622.85	4817.34	12481.00
000536	00	780823CC0500285C28	M3CEL	INS	25210.09	25151.77	24240.31	123314.00
000537	00	780823CC0500285C18	M3CEL	SOL	1742.33	423.56	2475.14	11872.00
000538	00	780823CC0500285C28	M3CEL	INS	4469.79	622.85	4817.34	12481.00
000539	00	780823CC0500285C28	M3CEL	INS	25210.09	25151.77	24240.31	123314.00
000540	00	780823CC0500285C18	M3CEL	SOL	1742.33	423.56	2475.14	11872.00
000541	00	780823CC0500285C28	M3CEL	SOL	44000.00	13028.30	9471.00	8713.00
000542	00	780823CC0500285C18	M3CEL	CO2	.00	297.00	143.00	112.00
000543	00	780823CC0500285C18	M3CEL	INS	.00	105763.00	318457.00	393764.00
000544	00	780823CC0500285C28	M3CEL	SOL	44000.00	4813.52	9471.00	8713.00
000545	00	780823CC0500285C18	M3CEL	CO2	.00	74.82	143.00	112.00
000546	00	780823CC0500285C18	M3CEL	INS	.00	26843.24	318457.00	393764.00
000547	00	780823CC0500285C28	M3CEL	SOL	44000.00	4813.52	1270.23	8713.00
000548	00	780823CC0500285C18	M3CEL	CO2	.00	74.82	13.08	112.00
000549	00	780823CC0500285C18	M3CEL	INS	.00	26843.24	29170.86	393764.00
000550	00	780823CC0500285C28	M3CEL	SOL	44000.00	4813.52	1270.23	952.27
000551	00	780823CC0500285C18	M3CEL	CO2	.00	74.82	13.08	8.35
000552	00	780823CC0500285C18	M3CEL	INS	.00	26843.24	29170.86	29342.38
000553	00	780823CC0500285C18	M3CEL	SOL	.00	3227.00	30601.00	30106.00
000554	00	780823CC0500285C28	M3CEL	CO2	.00	8.78	99.00	248.00
000555	00	780823CC0500285C28	M3CEL	INS	.00	27789.99	281141.00	304116.00
000556	00	780823CC0500285C18	M3CEL	SOL	.00	3227.00	5807.62	34106.00
000557	00	780823CC0500285C28	M3CEL	CO2	.00	9.78	12.81	248.00
000558	00	780823CC0500285C28	M3CEL	INS	.00	27789.99	26327.45	304116.00
000559	00	780823CC0500285C18	M3CEL	SOL	.00	727.00	5807.62	4451.80
000560	00	780823CC0500285C28	M3CEL	INS	.00	27789.99	26327.45	304116.00
000561	00	780823CC0500285C18	M3CEL	SOL	.00	727.00	5807.62	4451.80
000562	00	780823CC0500285C28	M3CEL	INS	.00	27789.99	26327.45	304116.00
000563	00	780823CC0500285C18	M3CEL	SOL	.00	727.00	5807.62	4451.80
000564	00	780823CC0500285C18	M3CEL	INS	29918.85	187114.00	153913.00	177312.00
000565	00	780823CC0500285C28	M3CEL	SOL	.00	5679.28	27195.00	32349.00
000566	00	780823CC0500285C18	M3CEL	CO2	81.15	86.58	2217.00	1682.00
000567	00	780823CC0500285C18	M3CEL	INS	29918.85	26088.91	153913.00	177312.00
000568	00	780823CC0500285C28	M3CEL	SOL	.00	56099.28	6527.10	32349.00
000569	00	780823CC0500285C18	M3CEL	CO2	81.15	86.58	362.80	1682.00
000570	00	780823CC0500285C18	M3CEL	INS	29918.85	26088.91	25136.91	25169.32
000571	00	780823CC0500285C28	M3CEL	SOL	.00	5679.28	27195.00	32349.00
000572	00	780823CC0500285C18	M3CEL	CO2	81.15	86.58	362.80	238.76
000573	00	780823CC0500285C18	M3CEL	INS	29918.85	26088.91	25136.91	25169.32
000574	00	780823CC0500285C28	M3CEL	SOL	5541.43	29698.00	16488.00	12766.00
000575	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000576	00	780823CC0500285C28	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000577	00	780823CC0500285C18	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000578	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000579	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000580	00	780823CC0500285C18	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000581	00	780823CC0500285C28	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000582	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000583	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000584	00	780823CC0500285C28	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000585	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000586	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000587	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000588	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000589	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000590	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000591	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000592	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000593	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000594	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000595	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000596	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000597	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000598	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000599	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000600	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000601	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000602	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000603	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000604	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000605	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000606	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000607	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000608	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000609	00	780823CC0500285C18	M3CEL	INS	25255.48	149708.00	109554.00	118779.00
000610	00	780823CC0500285C28	M3CEL	SOL	6541.43	7045.57	16488.00	12766.00
000611	00	780823CC0500285C18	M3CEL	CO2	284.45	444.00	3994.00	7040.00
000612	00	780823CC0500285C18	M3CEL	INS	24074.12	94752.00	146850.00	77926.00

000613	00	780823CC0500285C2B.M2CEL.SOL	5645.15	11708.29	11794.00	14057.00
000614	00	780823CC0500285C18.M3CEL.C02	2076.91	407.55	10528.00	10663.00
000615	00	780823CC0500285C18.M3CEL.INS	24074.12	21609.52	146853.00	77926.00
000616	00	780823CC0500285C2B.M2CEL.SOL	5645.15	11708.29	3067.53	14057.00
000617	00	780823CC0500285C18.M3CEL.C02	2076.91	407.55	1866.98	10663.00
000618	00	780823CC0500285C18.M3CEL.INS	24074.12	21609.52	26841.53	77926.00
000619	00	780823CC0500285C2B.M2CEL.SOL	5645.15	11708.29	3067.53	6025.64
000620	00	780823CC0500285C18.M3CEL.C02	2076.91	407.55	1866.98	3116.44
000621	00	780823CC0500285C18.M3CEL.INS	24074.12	21609.52	26041.54	22775.17
000622	00	780823CC0500285C2B.M3CEL.C02	2101.66	2265.30	15846.00	17710.00
000623	00	780823CC0500285C2B.M3CEL.INS	26375.53	27455.30	169281.00	189781.00
000624	00	780823CC0500285C2B.M3CEL.SOL	2191.52	343.59	16759.00	18548.00
000625	00	780823CC0500285C2B.M3CEL.C02	2101.66	323.38	15846.00	17710.00
000626	00	780823CC0500285C2B.M3CEL.INS	26375.53	26434.80	169281.00	189781.00
000627	00	780823CC0500285C2B.M3CEL.SOL	2101.52	3344.71	16759.00	18548.00
000628	00	780823CC0500285C2B.M3CEL.C02	2101.66	323.38	1456.98	17710.00
000629	00	780823CC0500285C2B.M3CEL.INS	26375.53	26434.80	25150.13	189781.00
000630	00	780823CC0500285C2B.M3CEL.SOL	2191.52	3344.71	2492.84	18548.00
000631	00	780823CC0500285C2B.M3CEL.C02	2101.66	323.38	1456.98	3447.37
000632	00	780823CC0500285C2B.M3CEL.INS	26375.53	26434.80	25150.13	25187.42
000633	00	780823CC0500285C2B.M3CEL.SOL	2191.52	3344.71	2492.84	2461.70
000634	00	780823CC0500285C2B.M3CEL.C02	.00	.00	.00	3799.40
000635	00	780823CC0500285C18.M3CEL.INS	.00	25433.69	218794.00	218410.00
000636	00	780824CC0500285C18.M3CEL.SOL	.00	4093.66	25350.00	41460.00
000637	00	780824CC0500285C18.M3CEL.C02	.00	53.22	476.36	3759.00
000638	00	780824CC0500285C18.M3CEL.INS	.00	25733.69	26827.27	234650.00
000639	00	780824CC0500285C18.M3CEL.SOL	.00	4093.66	2847.94	41460.00
000640	00	780824CC0500285C18.M3CEL.C02	.00	253.22	476.36	591.40
000641	00	780824CC0500285C18.M3CEL.INS	.00	25733.69	26827.27	25149.37
000642	00	780824CC0500285C18.M3CEL.SOL	.00	4093.66	2847.94	4447.40
000643	00	780824CC0500285C2B.M3CEL.C02	.00	134.33	1283.00	1479.00
000644	00	780824CC0500285C2B.M3CEL.INS	.00	29664.56	232853.00	42530.00
000645	00	780824CC0500285C2B.M3CEL.SOL	.00	209.76	33919.00	7856.00
000646	00	780824CC0500285C2B.M3CEL.C02	.00	184.33	210.60	1639.00
000647	00	780824CC0500285C2B.M3CEL.INS	.00	29664.56	26063.29	42530.00
000648	00	780824CC0500285C2B.M3CEL.SOL	.00	209.76	3796.12	7856.00
000649	00	780824CC0500285C2B.M3CEL.C02	.00	184.33	210.60	1866.48
000650	00	780824CC0500285C2B.M3CEL.INS	.00	29664.56	26063.29	28229.00
000651	00	780824CC0500285C2B.M3CEL.SOL	.00	209.76	3796.12	4238.13
000652	00	780824CC0500285C18.M1CEL.C02	1695.77	975.00	6022.00	8769.00
000653	00	780824CC0500285C18.M1CEL.INS	27613.40	99825.00	236375.00	137554.00
000654	00	780824CC0500285C18.M1CEL.SOL	1270.39	26513.00	16245.00	4652.00
000655	00	780824CC0500285C18.M1CEL.C02	1695.77	336.96	6022.00	8769.00
000656	00	780824CC0500285C18.M1CEL.INS	27613.40	23522.74	236375.00	137554.00
000657	00	780824CC0500285C18.M1CEL.SOL	1270.39	6247.52	16245.00	4652.00
000658	00	780824CC0500285C18.M1CEL.C02	1695.77	336.96	6022.00	8769.00
000659	00	780824CC0500285C18.M1CEL.INS	27613.40	23522.74	236375.00	137554.00
000660	00	780824CC0500285C18.M1CEL.SOL	1270.39	6247.52	1899.70	4652.00
000661	00	780824CC0500285C18.M1CEL.C02	1695.77	336.96	1024.26	2555.63
000662	00	780824CC0500285C18.M1CEL.INS	27613.40	23522.74	27411.94	27333.13
000663	00	780824CC0500285C18.M1CEL.SOL	1270.39	6247.52	1899.70	274.39
000664	00	780824CC0500285C2B.M1CEL.C02	1181.90	3294.00	9668.00	5688.00
000665	00	780824CC0500285C2B.M1CEL.INS	24361.49	102829.00	140938.00	166206.00
000666	00	780824CC0500285C2B.M1CEL.SOL	4832.67	29679.00	31393.00	26300.00
000667	00	780824CC0500285C2B.M1CEL.C02	1181.90	1054.61	9668.00	5688.00
000668	00	780824CC0500285C2B.M1CEL.INS	24361.49	22722.63	140938.00	166206.00
000669	00	780824CC0500285C2B.M1CEL.SOL	4832.67	6558.32	31393.00	26300.00
000670	00	780824CC0500285C2B.M1CEL.C02	1181.90	1054.61	2337.33	5688.00
000671	00	780824CC0500285C2B.M1CEL.INS	24361.49	22722.63	23231.67	166206.00
000672	00	780824CC0500285C2B.M1CEL.SOL	4832.67	6558.32	5174.78	26300.00
000673	00	780824CC0500285C2B.M1CEL.C02	1181.90	1054.61	2337.33	1262.76
000674	00	780824CC0500285C2B.M1CEL.INS	24361.49	22722.63	23231.67	25158.08
000675	00	780824CC0500285C2B.M1CEL.SOL	4832.67	6558.32	5174.78	3480.95
000676	00	780824CC0500285C18.M2CEL.C02	1703.86	1515.00	7332.00	10854.00
000677	00	780824CC0500285C18.M2CEL.INS	27051.23	113358.00	170376.00	136321.00
000678	00	780824CC0500285C18.M2CEL.SOL	1787.04	18332.00	1256.00	19341.00
000679	00	780824CC0500285C18.M2CEL.C02	1703.86	1515.00	7332.00	10854.00
000680	00	780824CC0500285C18.M2CEL.INS	27051.23	25330.12	170376.00	136321.00
000681	00	780824CC0500285C18.M2CEL.SOL	1787.04	8728.67	1256.00	19341.00
000682	00	780824CC0500285C18.M2CEL.C02	1703.86	1515.00	1803.04	10854.00
000683	00	780824CC0500285C18.M2CEL.INS	27051.23	25330.12	24560.86	136321.00
000684	00	780824CC0500285C18.M2CEL.SOL	1787.04	4129.67	210.59	19341.00
000685	00	780824CC0500285C18.M2CEL.C02	1703.86	500.43	1803.04	2868.05
000686	00	780824CC0500285C18.M2CEL.INS	27051.23	25530.12	24560.06	24559.98
000687	00	780824CC0500285C18.M2CEL.SOL	1787.04	4129.67	210.59	3484.53
000688	00	780824CC0500285C2B.M2CEL.C02	1791.37	1437.00	7572.00	8697.00
000689	00	780824CC0500285C2B.M2CEL.INS	26004.20	136209.00	179799.00	136084.00
000690	00	780824CC0500285C2B.M2CEL.SOL	2774.41	26486.00	14411.00	10326.00

000691	00	780824CC0500285C2B.M3CEL.CO2	1791.37	385.41	7572.00	8697.00
000692	00	780824CC0500285C2B.M2CEL.INS	26004.20	24908.38	1797.99.00	136084.00
000693	00	780824CC0500285C2B.M2CEL.SOL	2774.41	4828.83	14411.00	10326.00
000694	00	780824CC0500285C2B.M2CEL.CO2	1791.37	385.41	1651.13	8697.00
000695	00	780824CC0500285C2B.M2CEL.INS	26004.20	24908.38	26731.67	136084.00
000696	00	780824CC0500285C2B.M2CEL.SOL	2774.41	4828.83	2142.56	10326.00
000697	00	780824CC0500285C2B.M2CEL.CO2	1791.37	385.41	1651.13	2467.12
000698	00	780824CC0500285C2B.M2CEL.INS	26004.20	24908.38	26731.67	26320.67
000699	00	780824CC0500285C2B.M2CEL.SOL	2774.41	4828.83	2142.56	1997.20
000700	00	780824CC0500285C1B.M3CEL.CO2	615.99	1028.00	9470.00	13403.00
000701	00	780824CC0500285C1B.M3CEL.INS	27811.05	126665.00	177172.00	132796.00
000702	00	780824CC0500285C1B.M3CEL.SOL	1768.96	6015.00	12112.00	14900.00
000703	00	780824CC0500285C1B.M3CEL.CO2	615.99	338.29	8470.00	13483.00
000704	00	780824CC0500285C1B.M3CEL.INS	27811.05	28419.77	177172.00	132796.00
000705	00	780824CC0500285C1B.M3CEL.SOL	1768.96	1349.58	13112.00	14900.00
000706	00	780824CC0500285C1B.M3CEL.CO2	615.99	338.29	2086.49	13403.00
000707	00	780824CC0500285C1B.M3CEL.INS	27811.05	28419.77	26607.68	132796.00
000708	00	780824CC0500285C1B.M3CEL.SOL	1768.96	1349.58	1969.72	14900.00
000709	00	780824CC0500285C1B.M3CEL.CO2	615.99	338.29	2086.49	7660.68
000710	00	780824CC0500285C1B.M3CEL.INS	27811.05	28419.77	26607.68	24729.39
000711	00	780824CC0500285C1B.M3CEL.SOL	1768.96	1349.58	1969.72	2774.69
000712	00	780824CC0500285C2B.M3CEL.CO2	2897.75	1122.00	5260.00	10043.00
000713	00	780824CC0500285C2B.M3CEL.INS	25025.51	132400.00	96764.00	142689.00
000714	00	780824CC0500285C2B.M3CEL.SOL	2998.72	38073.00	8864.00	8772.00
000715	00	780824CC0500285C2B.M3CEL.CO2	2897.75	1122.00	5260.00	10043.00
000716	00	780824CC0500285C2B.M3CEL.INS	25025.51	23147.53	96764.00	142689.00
000717	00	780824CC0500285C2B.M3CEL.SOL	2998.72	6656.31	6464.00	8772.00
000718	00	780824CC0500285C2B.M3CEL.CO2	2897.75	287.70	2133.32	10043.00
000719	00	780824CC0500285C2B.M3CEL.INS	25025.51	23147.53	26737.38	142689.00
000720	00	780824CC0500285C2B.M3CEL.SOL	2998.72	6656.31	1747.48	8772.00
000721	00	780824CC0500285C2B.M3CEL.CO2	2897.75	287.70	2133.32	2805.59
000722	00	780824CC0500285C2B.M3CEL.INS	25025.51	23147.53	26737.38	27178.17
000723	00	780824CC0500285C2B.M3CEL.SOL	2998.72	6656.31	1747.48	800.00

END ELT.

PHDG,P \*\*\*\*\* CHEMISTRY \*\*\*\*\*

*Diaryl*

ELT	REPLAC2	CHEMISTRY	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DISC	DISC	DISC	DISC
000001	SL73R1	05/29/79 11 57 31 (0)										
000002		7C801PE5002851.B.M	4		3746.77	14986.88	.65	193793.4	253230.0	774.0		
000003		7C801PE5002851.B.M	4		4890.73	19562.92	.76	611620.8	217125.4	654.0		
000004		7C801PE5002851.B.M	4		2893.08	11572.32	.63	94339.6	215394.3	785.0		
000005		7C801PE5002854.B.M	4		5932.20	23728.80	.85	84745.8	266101.7	590.0		
000006		7C801PN5002851.B.M	4		3645.63	14582.52	.87	173611.1	274305.6	576.0		
000007		7C801PN5002852.B.M	4		5158.73	20634.92	.66	198412.7	189153.4	755.0		
000008		7C801PN5002851.B.M	4		4192.55	16770.20	.78	77639.8	226708.1	644.0		
000009		7C801PN5002854.B.M	4		4128.44	16513.76	1.15	344036.7	346330.3	436.0		
000010		7C801PE5002851.B.M	4		5912.16	23648.64	.84	84459.5	258445.9	592.0		
000011		7C801PE5002852.B.M	4		5846.77	23387.08	1.01	129677.4	366935.5	896.0		
000012		7C801PE5002851.B.M	4		1448.78	5795.12	1.70	150602.4	228315.7	498.0		
000013		7C801PE5002854.B.M	4		4955.18	19820.72	.77	54095.8	256568.8	647.0		
000014		7C801PN5002851.B.M	4		8829.57	35318.80	1.03	132669.4	318275.2	487.0		
000015		7C801PN5002855.B.M	4		4006.97	16027.88	.87	87108.0	292682.9	574.0		
000016		7C801PN5002851.B.M	4		7712.77	30850.80	1.33	38876.2	444148.9	376.0		
000017		7C801PE5002851.B.M	4		5707.76	22830.72	1.14	114155.3	342465.7	438.0		
000018		7C801PE5002851.B.M	4		612.75	2451.00	1.23	490196.1	575980.4	408.0		
000019		7C801PE5002852.B.M	4		1307.19	5229.96	.54	54466.2	323529.4	918.0		
000020		7C801PE5002851.B.M	4		133.40	526.56	.27	53361.8	127301.1	11874.0		
000021		7C801PE5002854.B.M	4		136.84	547.36	.27	27367.3	133552.7	31827.0		
000022		7C801PN5002851.B.M	4		578.03	2312.12	.70	43168.4	121387.7	32076.0		
000023		7C801PN5002852.B.M	4		251.00	1004.00	.50	75301.2	178714.9	996.0		
000024		7C801PN5002854.B.M	4		342.47	1369.88	.68	513698.6	334246.6	7310.0		
000025		7C801PN5002854.B.M	4		303.40	1213.60	.61	60679.6	314320.4	824.0		
000026		7C801PE5002851.B.M	4		252.11	1008.44	.70	563383.3	322535.7	710.0		
000027		7C801PE5002852.B.M	4		171.94	687.76	.34	13751.6	153370.0	1454.0		
000028		7C801PE5002851.B.M	4		165.15	660.60	.30	33829.5	169824.1	11478.0		
000029		7C801PN5002854.B.M	4		623.44	2493.76	1.25	124688.3	423441.4	401.0		
000030		7C801PN5002851.B.M	4		2000.00	8000.00	4.00	20000.00	452000.0	125.0		
000031		7C801PN5002852.B.M	4		571.43	2285.72	.57	85714.3	300571.4	875.0		
000032		7C801PN5002851.B.M	4		998.00	3992.00	.60	49900.2	284451.1	11002.0		
000033		7C801PE5002854.B.M	4		606.02	2424.08	1.21	485433.9	519417.5	412.0		
000034		7C801PE5002851.B.M	4		179.73	718.92	.36	71890.7	233644.4	91391.0		
000035		7C801PE5002854.B.M	4		237.47	950.88	.48	95147.5	313335.2	21051.0		
000036		7C801PE5002854.B.M	4		3387.03	13548.12	1.66	212314.2	634419.5	471.0		
000037		7C801PE5002854.B.M	4		1269.04	5075.76	1.27	126903.6	758883.2	394.0		
000038		7C801PN5002851.B.M	4		362.84	1452.16	.73	145137.9	371553.0	689.0		
000039		7C801PN5002852.B.M	4		314.86	1259.44	.63	62972.3	292191.4	794.0		
000040		7C801PN5002851.B.M	4		207.64	830.56	.42	83056.5	157807.7	2104.0		
000041		7C801PN5002854.B.M	4		7623.19	30501.16	3.62	724637.7	282638.7	138.0		
000042		7C801PE5002851.B.M	4		661.38	2645.52	1.32	264550.3	550264.5	378.0		
000043		7C801PE5002852.B.M	4		2017.55	8070.20	.63	43051.7	195460.3	793.0		
000044		7C801PE5002851.B.M	4		3352.96	13411.04	.87	85423.4	239180.0	878.0		
000045		7C801PN5002854.B.M	4		229.36	917.76	.65	64599.5	156330.7	774.0		
000046		7C801PN5002852.B.M	4		166.78	667.12	.46	45871.6	147706.4	1090.0		
000047		7C801PN5002851.B.M	4		166.78	667.12	.33	66711.1	127418.3	31499.0		
000048		7C801PN5002851.B.M	4		518.67	2074.68	1.04	193734.4	365145.2	822.0		
000049		7C801PN5002854.B.M	4		247.04	988.16	.49	24703.6	222332.0	1012.0		
000050		7C801PE5002851.B.M	4		356.57	1426.28	.73	146627.6	325513.2	683.0		
000051		7C801PE5002852.B.M	4		517.60	2070.40	1.04	155279.5	507246.4	483.0		
000052		7C801PE5002851.B.M	4		457.88	1831.52	.92	91575.1	289377.1	546.0		
000053		7C801PE5002854.B.M	4		437.06	1748.24	.87	174825.2	283216.8	572.0		
000054		7C801PN5002851.B.M	4		407.17	1628.68	.81	325732.9	241042.3	614.0		
000055		7C801PN5002852.B.M	4		519.75	2079.00	1.08	303000.2	518087.3	481.0		
000056		7C801PN5002854.B.M	4		418.76	1675.04	.84	83752.1	296482.4	597.0		
000057		7C801PN5002854.B.M	4		437.06	1748.24	.87	131118.9	363636.4	572.0		
000058		7C801PE5002851.B.M	4		389.41	1557.64	.78	77481.6	339563.9	642.0		
000059		7C801PE5002852.B.M	4		350.14	1400.64	.70	140056.0	289916.0	714.0		
000060		7C801PE5002851.B.M	4		471.70	1886.80	.24	47169.8	367224.5	530.0		
000061		7C801PE5002854.B.M	4		434.03	1736.12	.87	86805.6	368055.6	576.0		
000062		7C801PE5002851.B.M	4		420.88	1683.52	.84	126262.6	316498.3	594.0		
000063		7C801PE5002852.B.M	4		479.85	1914.20	.96	191938.6	347438.8	521.0		
000064		7C801PE5002851.B.M	4		514.40	2057.60	1.02	44486.3	47447.4	486.0		
000065		7C801PE5002854.B.M	4		437.83	1751.32	.88	43782.8	373329.8	571.0		
000066		7C801PE5002851.B.M	4		447.89	1791.56	.47	22764.1	151152.8	21004.0		
000067		7C801PE5002852.B.M	4		453.70	1814.80	.57	28669.7	213302.8	572.0		
000068		7C801PE5002851.B.M	4		498.70	1994.80	.61	121212.1	327277.3	825.0		
000069		7C801PE5002854.B.M	4		386.15	1544.60	.62	62034.7	90322.0	806.0		
000070		7C801PE5002851.B.M	4		7563.03	30253.20	1.40	560224.1	661106.4	357.0		
000071		7C801PE5002852.B.M	4		3076.92	12307.68	1.54	615384.6	504615.8	325.0		
000072		7C801PE5002851.B.M	4		3740.00	14960.00	1.58	468750.8	232750.8	320.0		
000073		7C801PE5002854.B.M	4		756.81	3027.24	1.15	229357.8	167431.2	436.0		
000074		7C801PE5002851.B.M	4		5296.37	21185.48	.96	143493.4	304015.3	523.0		

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000074	00	780807SN05002852	B.M	541.17	2658.01	4632.03	1.08	216450.2	309522.8	462.0	C
000075	00	780807SN05002852	B.M	581.40	8162.31	11344.84	1.16	581325.5	316222.1	438.0	C
000076	00	780807SN05002854	B.M	523.01	8368.20	15981.17	1.05	209205.0	261506.3	478.0	C
000077	00	780808SN05002851	B.M	432.53	6920.42	11148.79	.87	86505.2	304498.3	578.0	C
000078	00	780808SN05002867	B.M	458.72	7339.45	10532.11	.92	91743.1	282568.8	545.0	C
000079	00	780808SN05002853	B.M	559.68	7551.41	11627.11	.95	84518.0	268431.0	529.0	C
000080	00	780808SN05002854	B.M	2603.04	17353.58	28885.03	1.08	542229.9	331887.2	461.0	C
000081	00	780809SN05002851	B.M	348.8	28114.94	251879.31	1.44	287356.3	442528.7	349.0	C
000082	00	780809SN05002851	B.M	7416.88	102370.18	13094.63	1.29	511508.3	314576.0	391.0	C
000083	00	780809SN05002857	B.M	728.8	11161.61	117520.63	1.46	738663.7	153608.6	347.0	C
000084	00	780809SN05002854	B.M	593.82	4750.59	14608.08	1.19	237529.7	285035.6	421.0	C
000085	00	780810SN05002851	B.M	.00224242	.42	6484.85	1.52	606060.6	539393.9	330.0	C
000086	00	780810SN05002852	B.M	.00266666	.67	7133.33	1.67	250000.0	656666.7	300.0	C
000087	00	780810SN05002857	B.M	.0024300	.24	9185.62	2.03	699756.1	608374.0	286.0	C
000088	00	780810SN05002854	B.M	.00400000	.00	7466.67	1.67	250000.0	510000.0	300.0	C
000089	00	780811SN05002851	B.M	.0029520	.30	7696.68	1.85	369303.7	90036.9	271.0	C
000090	00	780811SN05002852	B.M	.0029850	.75	7965.07	1.87	559701.5	820895.5	268.0	C
000091	00	780811SN05002857	B.M	.0029197	.04	7810.22	1.82	1824817.5	602184.8	278.0	C
000092	00	780811SN05002854	B.M	1238.39	6191.95	9195.05	.77	116099.9	260061.9	646.0	C
000093	00	780812SN05002851	B.M	451.08	7312.61	10109.69	.91	45703.8	215722.1	547.0	C
000094	00	780812SN05002852	B.M	524.88	9283.21	8228.23	.80	45045.0	257665.7	558.0	C
000095	00	780812SN05002854	B.M	2931.60	6514.66	9348.53	.61	40716.6	233583.1	614.0	C
000097	00	780813SN05002851	B.M	1243.78	39800.99	22338.31	2.49	124378.1	636815.9	201.0	C
000098	00	780813SN05002852	B.M	968.59	31007.75	19844.96	1.94	1162790.7	379845.0	258.0	C
000099	00	780813SN05002853	B.M	1121.08	18574.44	9196.41	2.24	448473.5	623632.1	322.0	C
000100	00	780813SN05002853	B.M	865.09	27681.66	2152.25	1.73	173010.4	377162.6	289.0	C
000101	00	780814SN05002851	B.M	2257.38	13944.02	8830.70	1.13	225733.6	422121.9	443.0	C
000102	00	780814SN05002851	B.M	632.91	4746.84	4772.72	.96	283761.5	584615.8	520.0	C
000103	00	780814SN05002851	B.M	3814.38	7113.73	3896.81	.61	132263.5	32861.0	286.0	C
000104	00	780814SN05002854	B.M	3007.52	15037.59	8439.85	.94	187969.9	392457.1	532.0	C
000105	00	780815SN05002851	B.M	611.25	9779.95	12004.89	1.22	122249.4	234718.8	409.0	C
000106	00	780815SN05002852	B.M	883.39	21201.41	18091.87	1.77	265017.7	176678.4	283.0	C
000107	00	780815SN05002853	B.M	1211.69	6708.74	10386.35	2.43	121359.2	310679.6	206.0	C
000108	00	780815SN05002854	B.M	1805.85	14440.43	16967.51	1.81	180505.4	342960.3	277.0	C
000109	00	780816SN05002851	B.M	675.68	21621.62	13837.84	1.35	135135.1	389189.2	370.0	C
000110	00	780816SN05002852	B.M	791.14	12458.23	2088.61	1.58	79113.9	500000.0	316.0	C
000111	00	780816SN05002853	B.M	865.84	28341.25	34186.85	1.73	86505.2	657439.4	289.0	C
000112	00	780817SN05002854	B.M	716.33	22922.64	2979.94	1.46	143266.5	561634.6	349.0	C
000113	00	780817SN05002851	B.M	1479.29	11834.32	18195.27	1.46	73964.5	668639.0	338.0	C
000114	00	780817SN05002852	B.M	2645.50	15873.02	13544.67	1.32	33268.8	841799.9	378.0	C
000115	00	780817SN05002853	B.M	1168.22	28037.38	28738.32	2.34	116822.4	947289.7	214.0	C
000116	00	780817SN05002854	B.M	5660.38	12576.62	219339.62	729.56	78616.4	839622.6	318.0	C
000117	00	780818SN05002851	B.M	3278.69	14571.95	4080.15	.91	273224.0	609836.1	549.0	C
000118	00	780818SN05002852	B.M	2222.22	19097.62	7460.32	.79	158730.2	377777.8	630.0	C
000119	00	780818SN05002853	B.M	1980.28	9988.69	7531.55	.83	247524.8	499249.0	686.0	C
000120	00	780818SN05002854	B.M	471.70	15094.34	4037.74	.94	188679.2	439434.0	530.0	C
000121	00	780819SN05002851	B.M	651.38	10542.01	6661.34	1.32	34391.5	105555.5	378.0	C
000122	00	780819SN05002852	B.M	651.38	10416.67	5572.92	1.33	65104.2	755208.3	384.0	C
000123	00	780819SN05002853	B.M	632.91	4746.84	4772.72	.49	19278.3	242349.1	1294.0	C
000124	00	780819SN05002854	B.M	306.00	3671.87	3255.81	.31	15299.9	16523.9	1634.0	C
000125	00	780820SN05002851	B.M	1300.81	13008.13	3642.28	.81	152601.6	478048.8	615.0	C
000126	00	780820SN05002852	B.M	1772.53	11816.84	6632.20	.74	295421.0	422452.0	677.0	C
000127	00	780820SN05002853	B.M	1634.88	5449.59	2915.53	.68	68119.3	365127.6	734.0	C
000128	00	780820SN05002854	B.M	2234.81	7462.69	6616.92	.62	31094.5	393034.8	804.0	C
000129	00	780821C J5002851	B.M	4344.57	22471.91	13464.42	18727.53	280898.9	387640.4	534.0	C
000130	00	780821C J5002852	B.M	8202.44	20942.41	10732.98	.67	130890.1	665968.6	573.0	C
000131	00	780821C J5002853	B.M	7930.37	22118.83	1987.16	.97	145067.7	208897.5	517.0	C
000132	00	780821C J5002854	B.M	7704.40	18867.92	9339.62	.79	157232.7	166666.7	636.0	C
000133	00	780822C J5002851	B.M	5708.66	11811.02	9665.35	.98	196850.4	503149.6	508.0	C
000134	00	780822C J5002852	B.M	1888.88	16324.88	1888.88	.88	16324.88	1888.88	1888.0	C
000135	00	780822C J5002853	B.M	4570.38	21937.84	9360.15	.91	182815.4	541864.7	547.0	C
000136	00	780822C J5002854	B.M	4005.93	23738.87	7284.87	.74	74184.3	287833.8	674.0	C
000137	00	780823C J5002851	B.M	1373.31	13050.57	10032.63	.82	163132.1	208909.1	613.0	C
000138	00	780823C J5002852	B.M	527.43	25316.46	14725.74	1.05	105495.2	257384.0	474.0	C
000139	00	780823C J5002853	B.M	468.16	14381.27	3664.42	.54	374531.8	260229.6	530.0	C
000140	00	780823C J5002854	B.M	1109.80	28446.64	15615.21	1.12	223713.6	540179.0	497.0	C
000141	00	780824C J5002851	B.M	5235.65	28991.36	10534.98	1.03	308642.0	699794.2	489.0	C
000142	00	780824C J5002852	B.M	2956.30	20865.65	5771.21	.64	128534.7	282776.3	778.0	C
000143	00	780824C J5002853	B.M	6348.41	15083.34	4037.74	.94	171358.6	813867.3	698.0	C
000144	00	780824C J5002854	B.M	3346.86	12170.39	2271.81	.51	151229.6	237322.5	986.0	C

END ELT.



SHDG,P \*\*\*\*\* CHI \*\*\*\*\*

FLT,L	PEHLRC?2.CHI	SL7301	05/29/79	11 57 32 (7)	M0CHI.C02	1.700	1.000	1.700	1.000
000000	00	780801	PC0500285C18	M0CHI.C02	177.000	149.000	189.000	178.000	178.000
000001	00	780801	PC0500285C18	M0CHI.C02	70.000	71.000	72.000	70.000	70.000
000002	00	780801	PC0500285C18	M1CHI.C02	132.570	29.460	162.030	132.570	132.570
000003	00	780801	PC0500285C18	M1CHI.N2	15.424	14.833	1.452	15.927	15.927
000004	00	780801	PC0500285C18	M1CHI.N2	41.635	41.197	40.470	42.962	42.962
000005	00	780801	PC0500285C18	M2CHI.C02	1561.360	44.197	382.980	309.330	309.330
000006	00	780801	PC0500285C18	M2CHI.N2	15.932	14.833	1.497	15.843	15.843
000007	00	780801	PC0500285C18	M2CHI.N2	10.409	41.049	34.526	37.349	37.349
000008	00	780801	PC0500285C18	M3CHI.C02	559.740	58.920	569.200	456.630	456.630
000009	00	780801	PC0500285C18	M3CHI.N2	15.678	14.667	1.476	15.421	15.421
000010	00	780801	PC0500285C18	M3CHI.N2	31.227	41.049	30.359	32.451	32.451
000011	00	780801	PC0500285C28	M0CHI.C02	1.000	1.000	1.000	1.000	1.000
000012	00	780801	PC0500285C28	M0CHI.N2	184.000	181.000	181.000	188.000	188.000
000013	00	780801	PC0500285C28	M0CHI.N2	74.000	74.000	74.000	74.000	74.000
000014	00	780801	PC0500285C28	M1CHI.C02	117.940	29.460	147.300	147.300	147.300
000015	00	780801	PC0500285C28	M1CHI.N2	14.758	14.751	15.580	14.282	14.282
000016	00	780801	PC0500285C28	M1CHI.N2	39.431	40.543	41.023	37.647	37.647
000017	00	780801	PC0500285C28	M2CHI.C02	338.790	44.198	235.640	382.980	382.980
000018	00	780801	PC0500285C28	M2CHI.N2	15.081	14.254	15.414	18.521	18.521
000019	00	780801	PC0500285C28	M2CHI.N2	33.145	38.066	39.186	33.014	33.014
000020	00	780801	PC0500285C28	M3CHI.C02	471.360	44.198	368.260	268.250	268.250
000021	00	780801	PC0500285C28	M3CHI.N2	14.355	14.834	15.497	14.601	14.601
000022	00	780801	PC0500285C28	M3CHI.N2	29.002	38.836	35.513	34.172	34.172
000023	00	780801	PC0500285C18	M0CHI.C02	1.000	2.000	1.000	2.000	2.000
000024	00	780801	PC0500285C18	M0CHI.N2	184.000	180.000	180.000	178.000	178.000
000025	00	780801	PC0500285C18	M0CHI.N2	74.000	72.000	72.000	70.000	70.000
000026	00	780801	PC0500285C18	M1CHI.C02	88.380	21.095	141.300	58.920	58.920
000027	00	780801	PC0500285C18	M1CHI.N2	14.919	14.917	15.083	15.253	15.253
000028	00	780801	PC0500285C18	M1CHI.N2	40.543	42.265	44.603	39.799	39.799
000029	00	780801	PC0500285C18	M2CHI.C02	412.440	29.460	397.710	88.380	88.380
000030	00	780801	PC0500285C18	M2CHI.N2	14.677	14.917	15.250	15.590	15.590
000031	00	780801	PC0500285C18	M2CHI.N2	34.751	41.669	35.717	36.125	36.125
000032	00	780801	PC0500285C18	M3CHI.C02	1222.590	29.460	176.760	213.585	213.585
000033	00	780801	PC0500285C18	M3CHI.N2	15.081	14.917	15.583	15.253	15.253
000034	00	780801	PC0500285C18	M3CHI.N2	17.955	41.669	35.717	35.513	35.513
000035	00	780801	PC0500285C28	M0CHI.C02	1.000	1.000	1.000	2.000	2.000
000036	00	780801	PC0500285C28	M0CHI.N2	184.000	178.000	178.000	182.000	182.000
000037	00	780801	PC0500285C28	M1CHI.C02	72.000	71.000	71.000	72.000	72.000
000038	00	780801	PC0500285C28	M1CHI.N2	73.650	29.460	88.380	44.190	44.190
000039	00	780801	PC0500285C28	M1CHI.N2	14.917	14.747	15.251	14.508	14.508
000040	00	780801	PC0500285C28	M1CHI.N2	39.844	41.663	40.445	39.288	39.288
000041	00	780801	PC0500285C28	M2CHI.C02	235.680	29.460	176.760	626.025	626.025
000042	00	780801	PC0500285C28	M2CHI.N2	15.083	15.084	14.749	15.082	15.082
000043	00	780801	PC0500285C28	M2CHI.N2	37.502	42.256	33.805	19.049	19.049
000044	00	780801	PC0500285C28	M3CHI.C02	456.630	44.198	456.630	235.680	235.680
000045	00	780801	PC0500285C28	M3CHI.N2	15.497	15.169	15.084	14.836	14.836
000046	00	780801	PC0500285C28	M3CHI.N2	35.121	42.860	33.201	35.121	35.121
000047	00	780801	PC0500285C18	M0CHI.C02	1.000	1.000	1.000	1.000	1.000
000048	00	780801	PC0500285C18	M0CHI.N2	185.000	185.000	184.000	185.000	185.000
000049	00	780801	PC0500285C18	M0CHI.N2	75.000	75.000	73.000	75.000	75.000
000050	00	780801	PC0500285C18	M1CHI.C02	103.110	14.730	58.920	103.110	103.110
000051	00	780801	PC0500285C18	M1CHI.N2	14.676	14.595	14.837	15.000	15.000
000052	00	780801	PC0500285C18	M1CHI.N2	103.475	104.578	108.895	104.578	104.578
000053	00	780801	PC0500285C18	M1CHI.N2	1031.640	1045.830	1031.100	1016.370	1016.370
000054	00	780801	PC0500285C18	M2CHI.C02	1.754	1.162	3.26	8.11	8.11
000055	00	780801	PC0500285C18	M2CHI.N2	14.578	102.293	110.379	108.007	108.007
000056	00	780801	PC0500285C18	M2CHI.N2	227.950	1031.100	1016.370	1031.640	1031.640
000057	00	780801	PC0500285C18	M3CHI.C02	4.216	105.150	2.978	2.027	2.027
000058	00	780801	PC0500285C18	M3CHI.N2	104.007	105.150	108.031	108.007	108.007
000059	00	780801	PC0500285C18	M3CHI.N2	52.000	72.000	88.000	61.000	61.000
000060	00	780801	PC0500285C28	M0CHI.C02	1.000	1.000	1.000	1.000	1.000
000061	00	780801	PC0500285C28	M0CHI.N2	179.000	182.000	177.000	178.000	178.000
000062	00	780801	PC0500285C28	M0CHI.N2	10.829	14.935	18.747	17.145	17.145
000063	00	780801	PC0500285C28	M1CHI.C02	310.000	30.000	300.000	540.000	540.000
000064	00	780801	PC0500285C28	M1CHI.N2	11.733	16.956	15.013	11.317	11.317
000065	00	780801	PC0500285C28	M2CHI.C02	36.542	4.009	4.001	4.900	4.900
000066	00	780801	PC0500285C28	M2CHI.N2	2820.000	2700.000	2800.000	2790.000	2790.000
000067	00	780801	PC0500285C28	M2CHI.N2	3.831	16.956	16.370	13.002	13.002
000068	00	780801	PC0500285C28	M3CHI.C02	44.767	8.888	8.888	36.844	36.844
000069	00	780801	PC0500285C28	M3CHI.N2	2820.000	2865.000	2850.000	2790.000	2790.000
000070	00	780801	PC0500285C28	M3CHI.N2	4.310	17.427	15.013	3.853	3.853
000071	00	780801	PC0500285C18	M0CHI.C02	1.000	1.000	1.000	1.000	1.000



000152	00	780823CC0500285C16.M2CHI.CO2	5.639	.165	4.672	2.713
000153	00	780823CC0500285C19.M2CHI.N2	100.531	101.358	105.682	107.436
000154	00	780823CC0500285C16.M2CHI.O2	515.550	1016.370	677.580	881.800
000155	00	780823CC0500285C18.M3CHI.CO2	10.656	.082	9.836	5.665
000156	00	780823CC0500285C18.M3CHI.N2	113.103	110.086	110.379	108.579
000157	00	780823CC0500285C18.M3CHI.O2	17.000	72.000	17.000	46.000
000158	00	780823CC0500285C28.M0CHI.CO2	1.000	1.000	1.000	1.000
000159	00	780823CC0500285C28.M0CHI.N2	180.000	181.000	177.000	179.000
000160	00	780823CC0500285C28.M0CHI.O2	53.252	14.935	61.519	23.056
000161	00	780823CC0500285C28.M1CHI.CO2	480.000	.000	135.000	180.000
000162	00	780823CC0500285C28.M1CHI.N2	14.049	15.072	16.224	16.043
000163	00	780823CC0500285C28.M2CHI.CO2	68.451	.409	68.451	27.539
000164	00	780823CC0500285C28.M2CHI.N2	2670.000	2640.000	2790.000	2700.000
000165	00	780823CC0500285C28.M2CHI.O2	8.096	16.249	9.844	8.141
000166	00	780823CC0500285C28.M3CHI.CO2	97.911	.808	70.184	88.827
000167	00	780823CC0500285C28.M3CHI.N2	2850.000	2700.000	2850.000	2790.000
000168	00	780823CC0500285C28.M3CHI.O2	7.619	15.720	9.202	4.310
000169	00	780824CC0500285C18.M0CHI.CO2	51.000	2.000	9.000	1.000
000170	00	780824CC0500285C18.M0CHI.N2	191.000	182.000	185.000	182.000
000171	00	780824CC0500285C18.M0CHI.O2	44.000	72.000	74.000	72.000
000172	00	780824CC0500285C18.M1CHI.CO2	6.643	14.730	88.380	175.760
000173	00	780824CC0500285C18.M1CHI.N2	14.686	15.247	15.162	15.247
000174	00	780824CC0500285C18.M1CHI.O2	60.194	88.051	30.064	39.884
000175	00	780824CC0500285C18.M2CHI.CO2	13.864	14.730	55.2375	1649.760
000176	00	780824CC0500285C18.M2CHI.N2	13.565	14.011	14.595	14.588
000177	00	780824CC0500285C18.M2CHI.O2	34.093	38.693	18.901	18.334
000178	00	780824CC0500285C18.M3CHI.CO2	33.504	14.730	913.260	1018.376
000179	00	780824CC0500285C18.M3CHI.N2	18.921	15.247	15.243	15.577
000180	00	780824CC0500285C18.M3CHI.O2	15.585	41.669	7.529	22.025
000181	00	780824CC0500285C28.M0CHI.CO2	26.000	2.000	2.000	2.000
000182	00	780824CC0500285C28.M0CHI.N2	141.000	182.000	180.000	178.000
000183	00	780824CC0500285C28.M0CHI.O2	54.000	73.000	73.000	72.000
000184	00	780824CC0500285C28.M1CHI.CO2	6.232	14.730	110.475	125.205
000185	00	780824CC0500285C28.M1CHI.N2	14.337	15.495	14.206	15.506
000186	00	780824CC0500285C28.M1CHI.O2	43.416	44.621	36.402	37.962
000187	00	780824CC0500285C28.M2CHI.CO2	30.027	7.365	272.505	360.885
000188	00	780824CC0500285C28.M2CHI.N2	15.414	15.247	14.286	15.000
000189	00	780824CC0500285C28.M2CHI.O2	30.161	42.860	27.595	21.430
000190	00	780824CC0500285C28.M3CHI.CO2	44.190	14.730	316.608	331.425
000191	00	780824CC0500285C28.M3CHI.N2	14.669	15.382	14.286	14.667
000192	00	780824CC0500285C28.M3CHI.O2	10.049	42.860	26.421	26.941

END ELI

HMG,P \*\*\*\*\* DEN \*\*\*\*\*

ELT,L	RFHLRCP2.DEN	SL73R1	05/29/79	11 53 33 (0,)					
000001	00	780801PC0500285C18	M1DEN.C02	18.000	18.000	28.000	27.000		
000002	00	780801PC0500285C18	M2DEN.N2	78.000	79.000	79.000	82.000		
000003	00	780801PC0500285C18	M3DEN.N2	229.000	225.000	224.000	224.000		
000004	00	780801PC0500285C18	M1DEN.C02	16.369	17.165	10.521	11.457		
000005	00	780801PC0500285C18	M1DEN.N2	14.804	15.000	15.360	14.817		
000006	00	780801PC0500285C18	M1DEN.C02	40.988	42.289	41.138	41.712		
000007	00	780801PC0500285C18	M2DEN.C02	11.457	14.730	7.891	8.729		
000008	00	780801PC0500285C18	M2DEN.N2	14.615	14.620	14.810	14.817		
000009	00	780801PC0500285C18	M2DEN.C02	37.619	37.937	37.885	38.264		
000010	00	780801CC0500285C18	M3DEN.C02	12.275	16.367	9.469	8.183		
000011	00	780801CC0500285C18	M3DEN.N2	15.385	14.620	15.190	15.183		
000012	00	780801CC0500285C18	M3DEN.C02	38.368	38.659	39.033	38.651		
000013	00	780801PC0500285C18	M3DEN.N2	28.000	25.000	27.000	26.000		
000014	00	780801PC0500285C28	M4DEN.N2	82.000	80.000	82.000	77.000		
000015	00	780801PC0500285C28	M4DEN.C02	222.000	224.000	225.000	218.000		
000016	00	780801PC0500285C28	M1DEN.C02	11.047	11.784	11.457	12.464		
000017	00	780801PC0500285C28	M1DEN.N2	14.614	15.750	14.817	15.584		
000018	00	780801PC0500285C28	M1DEN.C02	41.885	41.712	42.479	43.057		
000019	00	780801PC0500285C28	M2DEN.C02	7.891	11.195	8.183	9.631		
000020	00	780801PC0500285C28	M2DEN.N2	14.804	15.360	14.817	15.360		
000021	00	780801PC0500285C28	M2DEN.C02	37.840	39.033	39.050	40.108		
000022	00	780801CC0500285C28	M3DEN.C02	7.891	11.195	9.183	10.198		
000023	00	780801CC0500285C28	M3DEN.N2	16.098	16.312	15.000	17.143		
000024	00	780801CC0500285C28	M3DEN.C02	39.578	38.651	39.031	40.501		
000025	00	780802PC0500285C18	M1DEN.C02	30.000	28.000	28.000	28.000		
000026	00	780802PC0500285C18	M1DEN.N2	78.000	77.000	78.000	78.000		
000027	00	780802PC0500285C18	M1DEN.C02	229.000	227.000	229.000	228.000		
000028	00	780802PC0500285C18	M1DEN.N2	11.292	11.574	11.574	11.574		
000029	00	780802PC0500285C18	M1DEN.C02	14.817	14.800	14.800	14.817		
000030	00	780802PC0500285C18	M1DEN.N2	41.176	40.972	41.176	40.980		
000031	00	780802PC0500285C18	M2DEN.C02	8.838	10.521	7.891	8.943		
000032	00	780802PC0500285C18	M2DEN.N2	14.908	14.416	15.000	15.192		
000033	00	780802PC0500285C18	M2DEN.C02	37.619	37.742	37.684	38.013		
000034	00	780802CC0500285C18	M3DEN.C02	9.319	11.047	8.474	9.343		
000035	00	780802CC0500285C18	M3DEN.N2	15.577	11.805	11.574	11.574		
000036	00	780802CC0500285C18	M3DEN.C02	39.578	38.514	39.031	40.108		
000037	00	780802PC0500285C28	M4DEN.C02	38.000	28.000	28.000	28.000		
000038	00	780802PC0500285C28	M4DEN.N2	78.000	80.000	79.000	79.000		
000039	00	780802PC0500285C28	M4DEN.C02	226.000	229.000	227.000	224.000		
000040	00	780802PC0500285C28	M1DEN.C02	11.174	11.574	11.682	11.047		
000041	00	780802PC0500285C28	M1DEN.N2	16.154	14.620	14.620	14.810		
000042	00	780802PC0500285C28	M1DEN.C02	41.722	41.732	40.783	41.712		
000043	00	780802PC0500285C28	M2DEN.C02	9.143	10.521	9.143	8.417		
000044	00	780802PC0500285C28	M2DEN.N2	17.891	18.574	18.574	18.574		
000045	00	780802CC0500285C28	M3DEN.C02	9.143	9.143	9.143	7.365		
000046	00	780802CC0500285C28	M3DEN.N2	17.692	14.437	16.899	15.570		
000047	00	780802CC0500285C28	M3DEN.C02	36.981	38.348	38.329	37.694		
000048	00	780803PC0500285C18	M1DEN.C02	20.000	20.000	20.000	27.000		
000049	00	780803PC0500285C18	M1DEN.N2	78.000	77.000	77.000	77.000		
000050	00	780803PC0500285C18	M1DEN.C02	225.000	224.000	225.000	220.000		
000051	00	780803PC0500285C18	M1DEN.N2	10.667	9.469	10.921	10.364		
000052	00	780803PC0500285C18	M1DEN.C02	14.817	17.143	15.000	15.000		
000053	00	780803PC0500285C18	M1DEN.N2	41.527	42.286	41.908	42.276		
000054	00	780803PC0500285C18	M2DEN.C02	7.619	7.891	7.891	8.183		
000055	00	780803PC0500285C18	M2DEN.N2	15.192	17.338	15.390	15.195		
000056	00	780803PC0500285C18	M2DEN.C02	38.040	39.225	38.360	38.012		
000057	00	780803CC0500285C18	M3DEN.C02	7.619	7.365	7.365	8.183		
000058	00	780803CC0500285C18	M3DEN.N2	16.923	17.532	15.584	15.000		
000059	00	780803CC0500285C18	M3DEN.C02	38.679	38.928	39.031	39.031		
000060	00	780803PC0500285C28	M4DEN.C02	28.000	28.000	28.000	28.000		
000061	00	780803PC0500285C28	M4DEN.N2	79.000	78.000	75.000	77.000		
000062	00	780803PC0500285C28	M4DEN.C02	223.000	225.000	222.000	222.000		
000063	00	780803PC0500285C28	M1DEN.C02	10.159	9.143	17.360	9.995		
000064	00	780803PC0500285C28	M1DEN.N2	14.620	15.000	15.000	16.762		
000065	00	780803PC0500285C28	M1DEN.C02	47.322	41.527	42.088	40.736		
000066	00	780803PC0500285C28	M2DEN.C02	7.619	7.327	9.395	7.883		
000067	00	780803PC0500285C28	M2DEN.N2	16.139	15.000	15.000	18.312		
000068	00	780803PC0500285C28	M2DEN.C02	38.040	39.479	39.031	38.012		
000069	00	780803CC0500285C28	M3DEN.C02	8.635	8.635	8.943	7.365		
000070	00	780803CC0500285C28	M3DEN.N2	17.278	17.115	18.600	19.481		
000071	00	780803CC0500285C28	M3DEN.C02	39.785	39.950	39.999	38.226		
000072	00	780803PC0500285C18	M1DEN.C02	28.000	22.000	21.000	26.000		

000074	00	780804PC0500285C18.M0DEN.N2	79.000	79.000	78.000	81.000
000075	00	780804PC0500285C18.M0DEN.C02	227.000	229.000	215.000	222.000
000076	00	780804PC0500285C18.M1DEN.C02	8.417	9.374	12.626	8.498
000077	00	780804PC0500285C18.M1DEN.N2	14.810	14.314	15.166	15.000
000078	00	780804PC0500285C18.M2DEN.C02	40.405	40.553	41.465	40.350
000079	00	780804PC0500285C18.M2DEN.N2	7.365	9.035	9.820	7.365
000080	00	780804PC0500285C18.M2DEN.N2	14.241	14.241	15.365	14.815
000081	00	780804PC0500285C18.M2DEN.N2	37.573	37.619	39.870	38.033
000082	00	780804CC0500285C18.M3DEN.C02	7.365	8.704	9.119	7.365
000083	00	780804CC0500285C18.M3DEN.N2	14.810	14.430	16.538	15.185
000084	00	780804CC0500285C18.M3DEN.N2	38.706	37.619	40.468	38.999
000085	00	780804PC0500285C18.M0DEN.C02	22.988	22.988	22.988	22.988
000086	00	780804PC0500285C28.M0DEN.N2	30.000	80.300	82.000	82.000
000087	00	780804PC0500285C28.M0DEN.N2	222.000	229.000	224.000	226.000
000088	00	780804PC0500285C28.M1DEN.C02	10.713	10.343	12.352	10.247
000089	00	780804PC0500285C28.M1DEN.N2	15.562	16.312	15.000	14.625
000090	00	780804PC0500285C28.M1DEN.N2	42.281	41.737	41.153	40.416
000091	00	780804PC0500285C28.M2DEN.C02	8.704	8.335	9.374	8.966
000092	00	780804PC0500285C28.M2DEN.N2	14.625	15.937	14.451	15.562
000093	00	780804PC0500285C28.M2DEN.N2	39.226	37.245	37.559	37.972
000094	00	780804CC0500285C28.M3DEN.C02	8.035	9.704	9.374	9.966
000095	00	780804CC0500285C28.M3DEN.N2	17.062	17.437	14.917	16.165
000096	00	780804CC0500285C28.M3DEN.N2	39.578	38.742	39.308	39.860
000097	00	780804CC0500285C18.M0DEN.C02	28.800	28.800	28.800	28.800
000098	00	780804CC0500285C18.M0DEN.N2	79.000	79.000	78.000	77.000
000099	00	780804CC0500285C18.M0DEN.N2	228.000	228.000	228.000	228.000
000100	00	780804CC0500285C18.M1DEN.C02	9.469	9.469	11.047	10.159
000101	00	780804CC0500285C18.M1DEN.N2	15.759	15.962	15.300	15.000
000102	00	780804CC0500285C18.M1DEN.N2	40.416	40.983	41.168	41.732
000103	00	780804CC0500285C18.M2DEN.C02	8.417	9.417	9.995	8.127
000104	00	780804CC0500285C18.M2DEN.N2	16.729	16.346	14.615	14.805
000105	00	780804CC0500285C18.M2DEN.N2	37.221	33.160	39.912	38.348
000106	00	780804CC0500285C18.M3DEN.C02	8.417	8.417	10.521	8.600
000107	00	780804CC0500285C18.M3DEN.N2	16.709	17.308	15.000	15.000
000108	00	780804CC0500285C18.M3DEN.N2	38.180	37.818	39.876	38.912
000109	00	780804CC0500285C18.M3DEN.N2	27.088	27.088	27.088	28.000
000110	00	780804CC0500285C28.M0DEN.N2	80.000	80.000	77.700	78.000
000111	00	780804CC0500285C28.M0DEN.N2	219.000	228.000	227.000	228.000
000112	00	780804CC0500285C28.M1DEN.C02	9.820	11.682	9.651	9.995
000113	00	780804CC0500285C28.M1DEN.N2	15.562	15.167	15.390	17.308
000114	00	780804CC0500285C28.M1DEN.N2	41.490	41.588	41.916	41.920
000115	00	780804CC0500285C28.M2DEN.C02	8.183	10.159	7.619	7.891
000116	00	780804CC0500285C28.M2DEN.N2	15.000	15.187	14.805	17.308
000117	00	780804CC0500285C28.M2DEN.N2	38.584	37.818	37.818	36.848
000118	00	780804CC0500285C28.M3DEN.C02	8.183	10.667	7.619	9.417
000119	00	780804CC0500285C28.M3DEN.N2	16.023	16.530	15.195	18.269
000120	00	780804CC0500285C28.M3DEN.N2	40.512	38.160	33.517	36.845
000121	00	780804CC0500285C18.M0DEN.C02	23.000	20.000	23.000	23.000
000122	00	780804CC0500285C18.M0DEN.N2	85.000	91.000	86.000	88.000
000123	00	780804CC0500285C18.M0DEN.N2	210.000	209.000	209.000	212.000
000124	00	780804CC0500285C18.M1DEN.C02	8.417	8.417	10.521	8.600
000125	00	780804CC0500285C18.M1DEN.N2	16.709	17.308	15.000	15.000
000126	00	780804CC0500285C18.M1DEN.N2	38.180	37.818	39.876	38.912
000127	00	780804CC0500285C18.M1DEN.N2	27.088	27.088	27.088	28.000
000128	00	780804CC0500285C28.M0DEN.C02	43.064	43.490	37.118	37.401
000129	00	780804CC0500285C28.M0DEN.N2	9.326	11.784	9.404	8.325
000130	00	780804CC0500285C28.M0DEN.N2	16.765	13.516	17.000	15.000
000131	00	780804CC0500285C28.M1DEN.C02	43.264	43.816	33.272	40.636
000132	00	780804CC0500285C28.M1DEN.N2	7.045	12.520	7.045	8.326
000133	00	780804CC0500285C28.M1DEN.N2	15.353	14.176	15.523	15.511
000134	00	780804CC0500285C28.M2DEN.C02	37.145	38.238	38.348	39.423
000135	00	780804CC0500285C28.M2DEN.N2	21.000	21.000	24.000	22.000
000136	00	780804CC0500285C28.M2DEN.N2	88.000	88.000	86.000	88.000
000137	00	780804CC0500285C28.M3DEN.C02	209.000	210.000	212.000	204.000
000138	00	780804CC0500285C28.M3DEN.N2	9.607	13.327	9.592	9.374
000139	00	780804CC0500285C28.M3DEN.N2	13.466	13.295	13.452	13.295
000140	00	780804CC0500285C28.M3DEN.N2	37.938	37.349	37.806	37.915
000141	00	780804CC0500285C28.M3DEN.N2	8.326	14.029	7.365	8.035
000142	00	780804CC0500285C28.M3DEN.N2	15.170	16.705	14.825	14.489
000143	00	780804CC0500285C28.M3DEN.N2	41.630	42.555	41.243	38.730
000144	00	780804CC0500285C28.M3DEN.N2	7.685	11.223	11.661	8.735
000145	00	780804CC0500285C28.M3DEN.N2	15.511	14.318	16.744	15.852
000146	00	780804CC0500285C28.M3DEN.N2	40.604	33.676	37.806	39.975
000147	00	780804CC0500285C18.M0DEN.C02	30.000	28.000	28.000	29.000
000148	00	780804CC0500285C18.M0DEN.N2	79.000	77.000	72.000	72.000
000149	00	780804CC0500285C18.M1DEN.C02	228.000	225.000	222.000	226.000
000150	00	780804CC0500285C18.M1DEN.N2	8.347	7.891	8.943	9.651
000151	00	780804CC0500285C18.M1DEN.N2	15.886	15.278	14.250	16.858
000152	00	780804CC0500285C18.M2DEN.C02	40.604	41.336	41.895	41.912
000153	00	780804CC0500285C18.M2DEN.N2	6.874	7.365	7.365	7.619

000152	00	780823CC0500285C18.M2DEN.N2	17.089	17.143	16.667	16.667
000153	00	780823CC0500285C18.M2DEN.O2	39.536	39.560	38.999	39.067
000154	00	780823CC0500285C18.M3DEN.C02	6.874	6.839	6.839	7.111
000155	00	780823CC0500285C18.M3DEN.N2	18.228	17.338	17.083	17.500
000156	00	780823CC0500285C18.M3DEN.O2	37.596	38.860	39.385	39.636
000157	00	780823CC0500285C28.M2DEN.C02	29.000	28.888	31.000	28.000
000158	00	780823CC0500285C28.M2DEN.N2	74.000	79.000	77.000	78.000
000159	00	780823CC0500285C28.M2DEN.O2	223.000	220.000	224.000	228.000
000160	00	780823CC0500285C28.M1DEN.C02	8.635	7.891	7.603	8.417
000161	00	780823CC0500285C28.M1DEN.N2	14.808	14.810	14.805	14.423
000162	00	780823CC0500285C28.M1DEN.O2	42.091	41.691	40.228	39.864
000163	00	780823CC0500285C28.M2DEN.C02	6.603	6.313	6.652	6.839
000164	00	780823CC0500285C28.M2DEN.N2	16.154	16.139	16.753	15.577
000165	00	780823CC0500285C28.M2DEN.O2	34.247	34.146	37.584	37.784
000166	00	780823CC0500285C28.M3DEN.C02	7.111	6.313	7.127	6.839
000167	00	780823CC0500285C28.M3DEN.N2	17.985	18.228	17.338	17.308
000168	00	780823CC0500285C28.M3DEN.O2	39.400	39.574	39.724	38.348
000169	00	780824CC0500285C18.M2DEN.C02	37.000	22.000	21.000	21.000
000170	00	780824CC0500285C18.M2DEN.N2	81.000	88.000	88.000	84.000
000171	00	780824CC0500285C18.M2DEN.O2	228.000	212.000	207.000	215.000
000172	00	780824CC0500285C18.M1DEN.C02	8.927	9.878	9.828	11.213
000173	00	780824CC0500285C18.M1DEN.N2	13.704	13.818	13.836	13.250
000174	00	780824CC0500285C18.M1DEN.O2	37.409	38.210	38.098	38.275
000175	00	780824CC0500285C18.M2DEN.C02	8.035	10.043	9.119	9.820
000176	00	780824CC0500285C18.M2DEN.N2	2.778	2.679	2.216	2.500
000177	00	780824CC0500285C18.M2DEN.O2	12.971	18.195	18.847	16.147
000178	00	780824CC0500285C18.M3DEN.C02	35.263	55.572	61.825	58.219
000179	00	780824CC0500285C18.M3DEN.N2	31.889	37.679	39.141	35.893
000180	00	780824CC0500285C18.M3DEN.O2	2.638	42.725	47.888	47.867
000181	00	780824CC0500285C28.M2DEN.C02	29.000	21.000	21.000	22.000
000182	00	780824CC0500285C28.M2DEN.N2	94.000	93.000	86.000	85.000
000183	00	780824CC0500285C28.M2DEN.O2	209.000	204.000	214.000	217.000
000184	00	780824CC0500285C28.M1DEN.C02	8.101	9.119	8.417	8.704
000185	00	780824CC0500285C28.M1DEN.N2	13.723	13.187	13.430	15.174
000186	00	780824CC0500285C28.M1DEN.O2	37.717	33.187	37.082	40.698
000187	00	780824CC0500285C28.M2DEN.C02	7.365	9.119	7.014	6.839
000188	00	780824CC0500285C28.M2DEN.N2	14.521	12.742	13.254	13.871
000189	00	780824CC0500285C28.M2DEN.O2	39.645	34.468	39.658	39.311
000190	00	780824CC0500285C28.M3DEN.C02	7.365	11.223	7.716	7.365
000191	00	780824CC0500285C28.M3DEN.N2	15.479	15.806	15.698	14.647
000192	00	780824CC0500285C28.M3DEN.O2	49.931	42.020	40.657	38.910

END ELT.

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000001	00	780801PC0500285C18	.MOHET.C02	.00	10.33	6.93	139.52
000002	00	780801CC0500285C18	.MOHET.INS	.00	1733.34	2028.44	1991.17
000003	00	780801PC0500285C18	.MOHET.SOL	.00	2728.82	2796.83	27913.70
000004	00	780801PC0500285C28	.MOHET.C02	.00	5.55	5.55	11.78
000005	00	780801PC0500285C23	.MOHET.INS	.00	2213.67	2546.73	2279.03
000006	00	780801PC0500285C28	.MOHET.SOL	.00	27782.66	27449.64	27712.99
000007	00	780801PC0500285C18	.M1HET.C02	176.33	3.34	126.68	18.53
000008	00	780801PC0500285C18	.M1HET.INS	3221.00	1562.61	1086.03	1993.54
000009	00	780801PC0500285C18	.M1HET.SOL	26653.88	28435.12	27927.60	24083.83
000010	00	780801PC0500285C28	.M1HET.C02	20.26	10.27	108.67	2720.24
000011	00	780801PC0500285C28	.M1HET.INS	2195.82	1182.45	3000.87	8478.35
000012	00	780801PC0500285C28	.M1HET.SOL	27748.37	28618.54	26925.04	19666.94
000013	00	780801PC0500285C19	.M2HET.C02	620.37	156.11	777.72	1853.96
000014	00	780801PC0500285C19	.M2HET.INS	3750.51	2851.19	3763.37	5225.77
000015	00	780801PC0500285C19	.M2HET.SOL	25826.51	27042.37	25709.37	23510.17
000016	00	780801PC0500285C28	.M2HET.C02	279.62	86.83	929.76	78.08
000017	00	780801PC0500285C28	.M2HET.INS	2566.66	1769.60	3603.09	266.00
000018	00	780801PC0500285C28	.M2HET.SOL	26901.85	28171.40	25769.40	26828.03
000019	00	780801PC0500285C18	.M3HET.C02	5536.89	254.97	4823.75	6351.41
000020	00	780801PC0500285C18	.M3HET.INS	5444.69	1887.76	6378.68	4388.07
000021	00	780801PC0500285C18	.M3HET.SOL	20779.95	26538.43	20372.39	21271.42
000022	00	780801PC0500285C28	.M3HET.C02	3250.14	74.65	3974.73	4196.07
000023	00	780801PC0500285C28	.M3HET.INS	2766.07	1204.88	2909.09	2778.48
000024	00	780801PC0500285C28	.M3HET.SOL	25017.93	28744.22	24380.87	24460.57
000025	00	780802PC0500285C18	.MOHET.C02	.00	11.68	46.91	71.23
000026	00	780802PC0500285C18	.MOHET.INS	.00	1684.01	745.60	2074.71
000027	00	780802PC0500285C18	.MOHET.SOL	.00	28308.02	29222.87	27876.65
000028	00	780802PC0500285C28	.MOHET.C02	.00	6.76	6.76	6.76
000029	00	780802PC0500285C23	.MOHET.INS	.00	1246.69	3349.53	4453.16
000030	00	780802PC0500285C28	.MOHET.SOL	.00	28749.57	26903.94	25542.36
000031	00	780802PC0500285C18	.M1HET.C02	25.52	132.61	6.79	19.11
000032	00	780802PC0500285C18	.M1HET.INS	1994.16	1225.78	2450.80	1967.76
000033	00	780802PC0500285C18	.M1HET.SOL	27988.42	28649.72	27544.57	28019.21
000034	00	780802PC0500285C28	.M1HET.C02	7.94	1.42	65.15	12.74
000035	00	780802PC0500285C28	.M1HET.INS	1678.40	1502.94	2907.67	4705.50
000036	00	780802PC0500285C28	.M1HET.SOL	28316.58	28496.98	27947.91	25265.61
000037	00	780802PC0500285C18	.M2HET.C02	261.55	10.30	330.78	4.43
000038	00	780802PC0500285C18	.M2HET.INS	2668.70	2069.99	2921.37	3381.71
000039	00	780802PC0500285C18	.M2HET.SOL	27152.97	27923.39	26859.92	26554.81
000040	00	780802PC0500285C28	.M2HET.C02	210.21	113.99	196.41	176.32
000041	00	780802PC0500285C28	.M2HET.INS	1875.25	1515.62	2844.01	4219.42
000042	00	780802PC0500285C28	.M2HET.SOL	27981.43	28406.65	26902.08	25687.69
000043	00	780802PC0500285C18	.M3HET.C02	1683.45	56.00	1658.48	2092.98
000044	00	780802PC0500285C18	.M3HET.INS	6627.93	2949.87	3145.68	3449.44
000045	00	780802PC0500285C18	.M3HET.SOL	22633.36	27011.95	25703.54	25123.54
000046	00	780802PC0500285C28	.M3HET.C02	592.34	172.24	670.83	1300.27
000047	00	780802PC0500285C28	.M3HET.INS	1966.81	2027.94	2933.93	4136.49
000048	00	780802PC0500285C28	.M3HET.SOL	27629.29	27854.62	26616.69	24976.94
000049	00	780803PC0500285C18	.MOHET.C02	.00	4.90	.44	10.75
000050	00	780803PC0500285C18	.MOHET.INS	.00	1599.56	3082.27	1889.90
000051	00	780803PC0500285C18	.MOHET.SOL	.00	28397.10	26917.43	28102.77
000052	00	780803PC0500285C28	.MOHET.C02	.00	8.00	.00	4.03
000053	00	780803PC0500285C28	.MOHET.INS	.00	1055.73	2140.69	4588.91
000054	00	780803PC0500285C28	.MOHET.SOL	.00	28938.82	27859.31	25408.35
000055	00	780803PC0500285C18	.M1HET.C02	36.06	5.51	6.91	4.06
000056	00	780803PC0500285C18	.M1HET.INS	2586.84	2026.56	3090.61	2245.61
000057	00	780803PC0500285C18	.M1HET.SOL	27388.57	27969.68	26508.78	27751.42
000058	00	780803PC0500285C28	.M1HET.C02	17.07	40.94	17.09	11.84
000059	00	780803PC0500285C28	.M1HET.INS	5857.49	2028.08	1744.38	2036.81
000060	00	780803PC0500285C28	.M1HET.SOL	24130.67	27944.31	24239.97	27955.11
000061	00	780803PC0500285C18	.M2HET.C02	149.63	3.50	196.18	156.45
000062	00	780803PC0500285C18	.M2HET.INS	2557.20	1314.31	2901.05	4102.48
000063	00	780803PC0500285C18	.M2HET.SOL	27340.78	28683.31	26965.19	25790.85
000064	00	780803PC0500285C28	.M2HET.C02	340.46	85.22	375.14	406.89
000065	00	780803PC0500285C28	.M2HET.INS	6887.64	2370.15	2936.99	3441.42
000066	00	780803PC0500285C28	.M2HET.SOL	22679.23	27571.75	26807.23	26291.15
000067	00	780803PC0500285C18	.M3HET.C02	1141.41	86.90	917.16	1145.34
000068	00	780803PC0500285C18	.M3HET.INS	1141.41	86.90	917.16	1145.34
000069	00	780803PC0500285C18	.M3HET.SOL	26033.79	26987.70	26813.98	25388.60
000070	00	780803PC0500285C28	.M3HET.C02	1943.13	32.99	2649.10	2089.36
000071	00	780803PC0500285C28	.M3HET.INS	4866.04	2419.02	3033.30	2569.53
000072	00	780803PC0500285C28	.M3HET.SOL	23809.10	27558.49	25171.23	26005.90
000075	00	780804PC0500285C18	.MOHET.C02	.00	60.23	4.30	2.43

000074	00	780804PC0500285C18.MOMET.INS	.00	2225.85	2425.86	3377.59
000075	00	780804PC0500285C18.MOMET.SOL	.00	27733.09	27571.20	26620.77
000076	00	780804PC0500285C18.MOMET.CO2	.00	51.25	51.25	1.26
000077	00	780804PC0500285C23.MOMET.INS	.00	2495.47	2093.36	2369.41
000078	00	780804PC0500285C23.MOMET.SOL	.00	27503.08	27871.71	27628.36
000079	00	780804PC0500285C1E.M1HET.CO2	.00	18.21	14.47	50.14
000080	00	780804PC0500285C1E.M1HET.INS	.00	1530.87	1951.12	1760.22
000081	00	780804PC0500285C18.M1HET.SOL	.00	28456.71	28048.29	28205.59
000082	00	780804PC0500285C28.M1HET.CO2	.00	13.37	12.95	17.40
000083	00	780804PC0500285C28.M1HET.INS	.00	3137.18	3722.88	3244.59
000084	00	780804PC0500285C28.M1HET.SOL	.00	26853.70	26268.29	26747.54
000085	00	780804PC0500285C18.M2HET.CO2	.00	316.87	12.57	457.85
000086	00	780804PC0500285C18.M2HET.INS	.00	4023.11	1509.99	2801.13
000087	00	780804PC0500285C18.M2HET.SOL	.00	25760.84	28491.49	27037.59
000088	00	780804PC0500285C28.M2HET.CO2	.00	845.08	68.88	609.90
000089	00	780804PC0500285C28.M2HET.INS	.00	2555.14	1074.73	3078.40
000090	00	780804PC0500285C28.M2HET.SOL	.00	26868.68	28878.31	26809.12
000091	00	780804PC0500285C18.M3HET.CO2	.00	4105.86	86.71	5075.51
000092	00	780804PC0500285C18.M3HET.INS	.00	4525.79	1648.04	5489.22
000093	00	780804PC0500285C18.M3HET.SOL	.00	22674.90	28292.84	21130.20
000094	00	780804PC0500285C28.M3HET.CO2	.00	4286.56	58.12	4510.29
000095	00	780804PC0500285C28.M3HET.INS	.00	4514.18	1581.77	4382.81
000096	00	780804PC0500285C28.M3HET.SOL	.00	22563.17	28378.60	22541.90
000097	00	780821CC0500285C18.MOMET.CO2	.00	57.28	4.20	24.84
000098	00	780821CC0500285C18.MOMET.INS	.00	810.15	723.05	687.25
000099	00	780821CC0500285C18.MOMET.SOL	.00	29150.80	29274.09	29295.81
000100	00	780821CC0500285C28.MOMET.CO2	.00	0.00	0.00	0.00
000101	00	780821CC0500285C28.MOMET.INS	.00	1182.99	1079.98	1230.68
000102	00	780821CC0500285C28.MOMET.SOL	.00	28800.97	28836.85	28761.32
000103	00	780821CC0500285C18.M1HET.CO2	.00	670.92	23.14	34.80
000104	00	780821CC0500285C18.M1HET.INS	.00	3000.30	974.30	900.95
000105	00	780821CC0500285C18.M1HET.SOL	.00	26576.34	29009.93	29075.32
000106	00	780821CC0500285C28.M1HET.CO2	.00	15.98	10.41	178.76
000107	00	780821CC0500285C28.M1HET.INS	.00	1123.37	1350.94	1471.21
000108	00	780821CC0500285C28.M1HET.SOL	.00	28865.74	28641.96	28406.90
000109	00	780821CC0500285C18.M2HET.CO2	.00	1446.72	8.42	831.23
000110	00	780821CC0500285C18.M2HET.INS	.00	698.07	2465.27	1642.94
000111	00	780821CC0500285C18.M2HET.SOL	.00	25599.43	29308.91	27990.31
000112	00	780821CC0500285C28.M2HET.CO2	.00	769.91	117.31	509.68
000113	00	780821CC0500285C28.M2HET.INS	.00	2086.62	1352.74	1618.11
000114	00	780821CC0500285C28.M2HET.SOL	.00	27388.44	28553.64	28034.37
000115	00	780821CC0500285C18.M3HET.CO2	.00	5290.71	97.42	3512.81
000116	00	780821CC0500285C18.M3HET.INS	.00	2611.71	767.40	1827.72
000117	00	780821CC0500285C18.M3HET.SOL	.00	2370.98	29170.17	25777.19
000118	00	780821CC0500285C28.M3HET.CO2	.00	5556.44	33.01	5269.33
000119	00	780821CC0500285C28.M3HET.INS	.00	3835.94	1545.61	3566.37
000120	00	780821CC0500285C28.M3HET.SOL	.00	22375.60	28411.88	22440.00
000121	00	780822CC0500285C18.MOMET.CO2	.00	1033.28	569.38	213.79
000122	00	780822CC0500285C18.MOMET.INS	.00	2418.65	2937.34	324.81
000123	00	780822CC0500285C18.MOMET.SOL	.00	26876.88	26674.88	26629.89
000124	00	780822CC0500285C28.MOMET.CO2	.00	474.78	149.37	164.46
000125	00	780822CC0500285C28.MOMET.INS	.00	1783.17	1836.71	1493.71
000126	00	780822CC0500285C28.MOMET.SOL	.00	27893.15	28061.44	28462.13
000127	00	780822CC0500285C18.M1HET.CO2	.00	1477.24	321.82	1745.25
000128	00	780822CC0500285C18.M1HET.INS	.00	3843.90	2685.40	4444.12
000129	00	780822CC0500285C18.M1HET.SOL	.00	25149.79	27100.09	25262.08
000130	00	780822CC0500285C28.M1HET.CO2	.00	1208.69	117.19	1127.57
000131	00	780822CC0500285C28.M1HET.INS	.00	256.44	211.70	178.90
000132	00	780822CC0500285C28.M1HET.SOL	.00	2489.88	2748.88	2489.88
000133	00	780822CC0500285C18.M2HET.CO2	.00	1776.98	876.56	1636.80
000134	00	780822CC0500285C18.M2HET.INS	.00	3427.76	2778.48	4532.38
000135	00	780822CC0500285C18.M2HET.SOL	.00	25360.67	26622.87	24351.62
000136	00	780822CC0500285C28.M2HET.CO2	.00	1524.11	717.17	1287.81
000137	00	780822CC0500285C28.M2HET.INS	.00	2376.74	1684.98	1857.07
000138	00	780822CC0500285C28.M2HET.SOL	.00	26582.73	27825.98	26444.11
000139	00	780822CC0500285C18.M3HET.CO2	.00	924.87	237.88	378.27
000140	00	780822CC0500285C18.M3HET.INS	.00	4791.93	2638.43	4358.59
000141	00	780822CC0500285C18.M3HET.SOL	.00	22464.11	26561.15	23059.15
000142	00	780822CC0500285C28.M3HET.CO2	.00	7447.09	718.51	6307.69
000143	00	780822CC0500285C28.M3HET.INS	.00	2067.34	2016.47	2204.46
000144	00	780822CC0500285C28.M3HET.SOL	.00	22855.10	27491.64	24174.66
000145	00	780823CC0500285C18.MOMET.CO2	.00	19.52	103.98	7.09
000146	00	780823CC0500285C18.MOMET.INS	.00	2341.87	2771.48	3494.64
000147	00	780823CC0500285C18.MOMET.SOL	.00	27644.83	27157.86	26499.92
000148	00	780823CC0500285C28.MOMET.CO2	.00	117.38	61.97	13.88
000149	00	780823CC0500285C28.MOMET.INS	.00	1939.71	2373.19	2596.78
000150	00	780823CC0500285C28.MOMET.SOL	.00	27983.26	27622.88	27393.76
000151	00	780823CC0500285C18.M1HET.CO2	.00	11.67	102.98	86.18



000152	00	740823CC0500285C18	M1HET.INS	436.27	1718.50	4353.26	2392.80
000153	00	780823CC0500285C18	M1HET.SOL	29555.77	28191.28	25634.36	27548.44
000154	00	780823CC0500285C28	M1HET.CO2	15.75	98.49	23.80	25.07
000155	00	780823CC0500285C28	M1HET.INS	2825.13	2634.51	2162.87	2593.42
000156	00	780823CC0500285C28	M1HET.SOL	2764.13	27288.40	27820.00	27189.40
000157	00	780823CC0500285C18	M2HET.CO2	765.86	102.94	1273.60	824.12
000158	00	780823CC0500285C18	M2HET.INS	3790.89	1966.86	5529.94	4528.56
000159	00	780823CC0500285C18	M2HET.SOL	25696.93	27962.95	23501.70	24939.54
000160	00	780823CC0500285C28	M2HET.CO2	860.22	13.51	917.65	685.63
000161	00	780823CC0500285C28	M2HET.INS	3840.92	1498.03	4971.18	5259.54
000162	00	780823CC0500285C28	M2HET.SOL	25572.56	28494.83	24403.15	24272.99
000163	00	780823CC0500285C18	M3HET.CO2	2013.04	157.33	3396.51	4616.17
000164	00	780823CC0500285C18	M3HET.INS	1614.55	1190.44	4894.47	4513.34
000165	00	780823CC0500285C18	M3HET.SOL	25704.92	28693.25	22709.72	22337.22
000166	00	780823CC0500285C28	M3HET.CO2	4244.97	75.13	3991.71	4723.01
000167	00	780823CC0500285C28	M3HET.INS	4316.45	2351.21	5929.55	5024.88
000168	00	780823CC0500285C28	M3HET.SOL	22789.25	27697.57	21348.83	21754.88
000169	00	780824CC0500285C18	M0HET.CO2	.00	372.91	87.52	167.62
000170	00	780824CC0500285C18	M0HET.INS	.00	2605.69	2482.33	2548.70
000171	00	780824CC0500285C18	M0HET.SOL	.00	27140.05	27457.99	27337.01
000172	00	780824CC0500285C28	M0HET.CO2	.00	746.49	71.54	480.25
000173	00	780824CC0500285C28	M0HET.INS	.00	2001.58	2335.70	2353.07
000174	00	780824CC0500285C28	M0HET.SOL	.00	27489.45	27615.54	27524.01
000175	00	780824CC0500285C18	M1HET.CO2	336.06	67.40	555.89	315.30
000176	00	780824CC0500285C18	M1HET.INS	3638.50	2944.37	4463.13	3972.13
000177	00	780824CC0500285C18	M1HET.SOL	26134.00	27009.67	25157.85	25812.89
000178	00	780824CC0500285C28	M1HET.CO2	1510.86	104.85	442.56	442.18
000179	00	780824CC0500285C28	M1HET.INS	6560.99	2286.53	2840.44	3154.31
000180	00	780824CC0500285C28	M1HET.SOL	22408.88	27641.99	26857.81	26544.20
000181	00	780824CC0500285C18	M2HET.CO2	512.97	173.03	539.35	761.09
000182	00	780824CC0500285C18	M2HET.INS	2297.15	2155.45	4360.92	3689.48
000183	00	780824CC0500285C18	M2HET.SOL	25353.00	27523.57	25271.33	25791.59
000184	00	780824CC0500285C28	M2HET.CO2	3022.58	144.35	2594.43	687.05
000185	00	780824CC0500285C28	M2HET.INS	2953.44	2100.67	4297.75	3575.44
000186	00	780824CC0500285C28	M2HET.SOL	24995.71	27799.54	23933.32	25956.11
000187	00	780824CC0500285C18	M3HET.CO2	1361.93	504.16	2356.49	1334.57
000188	00	780824CC0500285C18	M3HET.INS	5494.80	2816.40	5271.31	4716.70
000189	00	780824CC0500285C18	M3HET.SOL	23576.52	26839.77	23321.99	24373.37
000190	00	780824CC0500285C28	M3HET.CO2	2229.42	195.51	2033.67	7217.24
000191	00	780824CC0500285C28	M3HET.INS	3416.65	1831.07	3406.08	4515.18
000192	00	780824CC0500285C28	M3HET.SOL	25063.29	28035.63	25173.24	29463.99

END ELT.

SH06,P \*\*\*\*\* LIP \*\*\*\*\*

SLT L RFLBGR2 LIP

000001	00	780801PC0500285C18	MOLIP	.00	3.76	29998.32	29985.73	1.94
000002	00	780801PC0500285C18	MOLIP	.00	29998.85	29998.85	29985.73	15.57
000003	00	780801PC0500285C18	MOLIP	.00	9.55	2.14	2.85	2.85
000004	00	780801PC0500285C28	MOLIP	.00	29981.83	29979.22	29982.32	16.65
000005	00	780801PC0500285C28	MOLIP	.00	14.74	20.01	16.65	16.65
000006	00	780801PC0500285C18	MILIP	4001.63	457.23	1723.66	29854.68	145.32
000007	00	780801PC0500285C18	MILIP	27712.63	29786.38	28658.89	29854.68	145.32
000008	00	780801PC0500285C18	MILIP	492.49	49.39	722.00	7362.25	26455.38
000009	00	780801PC0500285C28	MILIP	2623.26	1551.88	1551.88	26455.38	796.34
000010	00	780801PC0500285C28	MILIP	24528.87	20044.95	24431.05	26455.38	10.56
000011	00	780801PC0500285C28	MILIP	528.61	14.74	519.58	29727.37	268.84
000012	00	780801PC0500285C28	MILIP	8757.01	47.96	48780.95	29727.37	317.36
000013	00	780801PC0500285C13	M2LIP	26027.32	29960.64	11421.97	29727.37	29773.20
000014	00	780801PC0500285C18	M2LIP	827.35	22.14	3056.00	29773.20	162.81
000015	00	780801PC0500285C28	M2LIP	17245.97	158.63	59.43	29773.20	1796.55
000016	00	780801PC0500285C28	M2LIP	23329.79	29878.89	29878.89	29773.20	22500.21
000017	00	780801PC0500285C28	M2LIP	375.44	11.69	144.70	1796.55	1053.78
000018	00	780801PC0500285C18	M3LIP	14615.43	917.69	914.70	1796.55	23183.29
000019	00	780801PC0500285C18	M3LIP	23949.94	29649.84	26572.97	23183.29	18775.26
000020	00	780801PC0500285C18	M3LIP	800.52	23.05	143.52	18775.26	2897.81
000021	00	780801PC0500285C28	M3LIP	17296.93	1359.23	12440.43	2897.81	7.15
000022	00	780801PC0500285C28	M3LIP	22279.36	29007.61	25171.76	29985.73	8.35
000023	00	780801PC0500285C28	M3LIP	3508.86	221.99	487.91	29985.73	18.03
000024	00	780802PC0500285C18	MOLIP	.00	11.61	7.15	3.20	3.20
000025	00	780802PC0500285C18	MOLIP	.00	29884.72	29884.72	29985.73	8.35
000026	00	780802PC0500285C18	MOLIP	.00	111.94	6.88	29985.73	18.03
000027	00	780802PC0500285C18	MOLIP	.00	1.74	5.33	29985.73	18.03
000028	00	780802PC0500285C28	MOLIP	.00	29903.82	29903.82	29985.73	18.03
000029	00	780802PC0500285C28	MOLIP	.00	15.56	5.35	29985.73	18.03
000030	00	780802PC0500285C18	MILIP	1511.93	177.61	1675.02	47.78	47.78
000031	00	780802PC0500285C18	MILIP	29182.62	29851.93	29069.39	29851.93	29851.93
000032	00	780802PC0500285C18	MILIP	271.82	144.08	332.98	522.90	522.90
000033	00	780802PC0500285C18	MILIP	38.88	898.90	758.58	170.88	170.88
000034	00	780802PC0500285C28	MILIP	30004.03	29051.74	29051.74	29051.74	116.87
000035	00	780802PC0500285C28	MILIP	182.00	25.40	122.55	116.87	792.45
000036	00	780802PC0500285C18	MILIP	749.64	125.24	43.70	792.45	29051.74
000037	00	780802PC0500285C18	MILIP	29417.65	29934.94	29812.86	29051.74	29051.74
000038	00	780802PC0500285C18	MILIP	241.04	7.15	7.15	29051.74	29051.74
000039	00	780802PC0500285C28	MILIP	1471.79	14.81	2181.94	29051.74	29051.74
000040	00	780802PC0500285C28	MILIP	29271.12	29991.34	29108.11	29051.74	29051.74
000041	00	780802PC0500285C28	MILIP	200.25	11.69	11.69	29051.74	29051.74
000042	00	780802PC0500285C18	M3LIP	3881.78	243.09	170.88	29051.74	29051.74
000043	00	780802PC0500285C18	M3LIP	23513.46	29118.44	24244.13	22828.64	816.81
000044	00	780802PC0500285C18	M3LIP	171.02	17.02	806.15	816.81	3260.50
000045	00	780802PC0500285C28	M3LIP	4654.95	3127.52	1562.59	3260.50	28605.81
000046	00	780802PC0500285C28	M3LIP	22282.91	28658.45	29108.70	28605.81	322.98
000047	00	780802PC0500285C28	M3LIP	45.13	218.21	130.05	322.98	8.15
000048	00	780803PC0500285C18	MOLIP	.00	.00	.00	8.15	8.15
000049	00	780803PC0500285C18	MOLIP	.00	29995.93	29995.93	29995.93	3.08
000050	00	780803PC0500285C18	MOLIP	.00	3.88	3.74	3.08	6.08
000051	00	780803PC0500285C18	MOLIP	.00	1.82	.25	6.08	29981.95
000052	00	780803PC0500285C28	MOLIP	.00	29995.00	29997.44	29981.95	15.86
000053	00	780803PC0500285C28	MOLIP	.00	14.34	2.47	15.86	1244.41
000054	00	780803PC0500285C18	MILIP	228.67	0.00	2178.00	1244.41	29844.06
000055	00	780803PC0500285C18	MILIP	29875.12	29990.89	29182.70	29844.06	888.25
000056	00	780803PC0500285C18	MILIP	42.75	8.85	128.11	888.25	1781.60
000057	00	780803PC0500285C28	MILIP	1060.32	188.59	188.59	1781.60	28675.28
000058	00	780803PC0500285C28	MILIP	2013.18	20928.17	24138.68	28675.28	728.30
000059	00	780803PC0500285C28	MILIP	605.98	4.75	357.10	728.30	1297.61
000060	00	780803PC0500285C18	MILIP	1011.08	279.16	898.66	1297.61	26404.92
000061	00	780803PC0500285C18	MILIP	29355.06	29873.58	29204.08	26404.92	1129.01
000062	00	780803PC0500285C18	MILIP	281.06	26.56	471.14	1129.01	397.05
000063	00	780803PC0500285C28	MILIP	292.29	1135.14	1707.63	397.05	29711.87
000064	00	780803PC0500285C28	MILIP	29554.09	29578.97	29176.56	29711.87	193.52
000065	00	780803PC0500285C28	MILIP	380.92	174.71	218.89	193.52	43771.17
000066	00	780803PC0500285C18	MILIP	7173.62	580.93	2188.22	43771.17	23715.41
000067	00	780803PC0500285C18	MILIP	27296.60	29775.64	28370.58	23715.41	1122.77
000068	00	780803PC0500285C18	MILIP	126.79	15.86	666.03	1122.77	954.00
000069	00	780803PC0500285C28	MILIP	2934.86	239.07	280.29	954.00	29489.15
000070	00	780803PC0500285C28	MILIP	28520.77	29870.15	28431.21	29489.15	158.19
000071	00	780803PC0500285C28	MILIP	425.09	26.88	362.28	158.19	5.17
000072	00	780803PC0500285C18	MOLIP	.00	3.88	3.08	5.17	
000073	00	780804PC0500285C18	MOLIP	.00				

000074	00	780804PC0500285C1B.MOLIP.INS	.00	29968.23	29936.16	29988.67
000075	00	780804PC0500285C1B.MOLIP.SOL	.00	30.55	63.81	9.48
000076	00	780804PC0500285C2B.MOLIP.CO2	.00	1.75	4.74	.50
000077	00	780804PC0500285C2B.MOLIP.INS	.00	29974.72	29942.68	29986.19
000078	00	780804PC0500285C2B.MOLIP.SOL	.00	28.62	15.67	13.63
000079	00	780804PC0500285C1B.MILIP.CO2	1355.47	28.23	81.79	2187.30
000080	00	780804PC0500285C1B.MILIP.INS	29139.64	29905.15	29350.26	26751.65
000081	00	780804PC0500285C1B.MILIP.SOL	373.50	12.59	650.97	2462.76
000082	00	780804PC0500285C2B.MILIP.CO2	2682.17	598.18	3215.03	3395.38
000083	00	780804PC0500285C2B.MILIP.INS	28064.62	20750.73	28156.03	27677.45
000084	00	780804PC0500285C2B.MILIP.SOL	972.01	34.41	639.20	1103.00
000085	00	780804PC0500285C1B.M2LIP.CO2	663.96	121.46	307.70	1199.23
000086	00	780804PC0500285C1B.M2LIP.INS	29115.93	29917.51	29178.67	28188.79
000087	00	780804PC0500285C1B.M2LIP.SOL	645.59	36.76	710.81	1380.47
000088	00	780804PC0500285C2B.M2LIP.CO2	7097.39	574.63	1445.56	1270.60
000089	00	780804PC0500285C2B.M2LIP.INS	24560.28	29774.96	28845.68	29152.38
000090	00	780804PC0500285C2B.M2LIP.SOL	2890.49	89.65	639.11	391.25
000091	00	780804PC0500285C1B.M3LIP.CO2	5886.84	420.75	11405.33	8042.12
000092	00	780804PC0500285C1B.M3LIP.INS	27187.41	29823.65	25358.73	25603.92
000093	00	780804PC0500285C1B.M3LIP.SOL	712.62	28.23	367.12	1507.57
000094	00	780804PC0500285C2B.M3LIP.CO2	3460.06	306.35	1440.75	8141.47
000095	00	780804PC0500285C2B.M3LIP.INS	23692.66	29859.26	22363.62	25617.46
000096	00	780804PC0500285C2B.M3LIP.SOL	64.55	30.71	2466.75	1838.31
000097	00	780821CC0500285C1B.MOLIP.CO2	.00	176.54	5.34	15.56
000098	00	780821CC0500285C1B.MOLIP.INS	.00	27491.53	29022.37	29103.59
000099	00	780821CC0500285C1B.MOLIP.SOL	.00	2445.06	975.71	890.82
000100	00	780821CC0500285C1B.M2LIP.CO2	.00	6.80	1.59	76.01
000101	00	780821CC0500285C1B.M2LIP.INS	.00	29920.85	29945.41	29956.42
000102	00	780821CC0500285C1B.M2LIP.SOL	.00	72.71	52.45	40.24
000103	00	780821CC0500285C1B.M3LIP.CO2	11625.30	159.06	2381.98	1488.22
000104	00	780821CC0500285C1B.M3LIP.INS	20381.42	29719.18	27999.40	27874.38
000105	00	780821CC0500285C1B.M3LIP.SOL	5443.03	223.69	1145.04	1590.73
000106	00	780821CC0500285C2B.MILIP.CO2	1195.06	234.69	196.37	6503.22
000107	00	780821CC0500285C2B.MILIP.INS	29189.16	29862.55	29475.22	27007.68
000108	00	780821CC0500285C2B.MILIP.SOL	411.60	53.15	654.25	666.50
000109	00	780821CC0500285C1B.M2LIP.CO2	7227.33	362.79	1983.15	6950.53
000110	00	780821CC0500285C1B.M2LIP.INS	26111.24	29774.79	28556.57	26215.35
000111	00	780821CC0500285C1B.M2LIP.SOL	1287.66	103.00	731.33	1999.17
000112	00	780821CC0500285C2B.M2LIP.CO2	11385.27	288.63	4399.20	9289.97
000113	00	780821CC0500285C2B.M2LIP.INS	24933.12	29862.90	28253.49	26264.52
000114	00	780821CC0500285C2B.M2LIP.SOL	977.53	33.43	166.41	398.72
000115	00	780821CC0500285C1B.M3LIP.CO2	26987.25	2226.02	4311.05	11303.42
000116	00	780821CC0500285C1B.M3LIP.INS	19974.69	29152.75	26291.14	24924.33
000117	00	780821CC0500285C1B.M3LIP.SOL	1332.07	47.71	360.42	1015.73
000118	00	780821CC0500285C2B.M3LIP.CO2	23035.02	1878.16	1647.06	14112.99
000119	00	780821CC0500285C2B.M3LIP.INS	20527.53	29280.98	29014.84	24697.18
000120	00	780821CC0500285C2B.M3LIP.SOL	798.69	38.42	379.50	333.74
000121	00	780821CC0500285C1B.MOLIP.CO2	.00	90.38	585.71	71.68
000122	00	780821CC0500285C1B.MOLIP.INS	.00	2884.98	28891.02	28064.83
000123	00	780821CC0500285C1B.MOLIP.SOL	.00	144.56	808.61	1999.42
000124	00	780821CC0500285C2B.MOLIP.CO2	.00	64.53	24.88	204.02
000125	00	780821CC0500285C2B.MOLIP.INS	.00	29932.91	29979.11	29893.92
000126	00	780821CC0500285C2B.MOLIP.SOL	.00	43.91	11.96	32.80
000127	00	780822CC0500285C1B.MILIP.CO2	2707.69	5641.90	2256.85	4193.55
000128	00	780822CC0500285C1B.MILIP.INS	28459.78	26021.88	28396.40	26795.03
000129	00	780822CC0500285C1B.MILIP.SOL	567.68	1951.67	792.99	1698.73
000130	00	780822CC0500285C2B.MILIP.CO2	7431.84	137.09	2799.23	5465.03
000131	00	780822CC0500285C2B.MILIP.INS	25546.87	29897.25	28445.62	27477.42
000132	00	780822CC0500285C2B.MILIP.SOL	1790.57	53.53	588.76	559.65
000133	00	780822CC0500285C1B.M2LIP.CO2	7115.21	2949.55	7124.26	29505.84
000134	00	780822CC0500285C1B.M2LIP.INS	27074.90	28607.16	26879.15	20919.83
000135	00	780822CC0500285C1B.M2LIP.SOL	369.47	333.42	611.67	1714.62
000136	00	780822CC0500285C2B.M2LIP.CO2	7455.61	6461.23	4053.09	11239.20
000137	00	780822CC0500285C2B.M2LIP.INS	26563.91	27540.20	28302.19	25115.19
000138	00	780822CC0500285C2B.M2LIP.SOL	758.20	139.07	242.02	847.93
000139	00	780822CC0500285C1B.M3LIP.CO2	1141.83	8449.59	10276.03	10326.77
000140	00	780822CC0500285C1B.M3LIP.INS	24572.32	26428.03	25748.12	21733.47
000141	00	780822CC0500285C1B.M3LIP.SOL	689.47	537.06	558.91	1324.78
000142	00	780822CC0500285C2B.M3LIP.CO2	2117.48	64.54	1250.17	20489.31
000143	00	780822CC0500285C2B.M3LIP.INS	29143.81	29919.24	25299.81	24864.34
000144	00	780822CC0500285C2B.M3LIP.SOL	95.54	61.48	274.28	780.34
000145	00	780823CC0500285C1B.MOLIP.CO2	.00	5.22	7.91	.24
000146	00	780823CC0500285C1B.MOLIP.INS	.00	29977.81	29981.79	29985.35
000147	00	780823CC0500285C1B.MOLIP.SOL	.00	29.72	15.42	14.56
000148	00	780823CC0500285C2B.MOLIP.CO2	.00	15.41	1.07	3.80
000149	00	780823CC0500285C2B.MOLIP.INS	.00	29962.59	29970.69	29973.54
000150	00	780823CC0500285C2B.MOLIP.SOL	.00	31.88	28.93	25.09
000151	00	780823CC0500285C1B.MILIP.CO2	11218.38	270.37	168.18	79.86

000152	00	780823CC0500285C18.M1LIP.INS	23842.55	29841.18	27898.40	27263.64
000153	00	780823CC0500285C18.M1LIP.SOL	2128.06	58.84	2041.20	2701.68
000154	00	780823CC0500285C28.M1LIP.CO2	257.64	284.55	466.56	11.21
000155	00	780823CC0500285C28.M1LIP.INS	24477.35	24451.75	24077.29	24277.63
000156	00	23CC0500285C28.M1LIP.SOL	1430.11	1446.09	798.13	748.34
000157	00	780823CC0500285C18.M2LIP.CO2	709.59	24.04	1464.04	844.55
000158	00	780823CC0500285C18.M2LIP.INS	28015.16	29924.17	28506.01	26719.61
000159	00	780823CC0500285C18.M2LIP.SOL	1729.97	67.20	968.14	2977.05
000160	00	780823CC0500285C28.M2LIP.CO2	3535.08	2.53	50.01	8047.12
000161	00	780823CC0500285C18.M2LIP.INS	21346.62	29941.87	28351.57	24724.96
000162	00	780823CC0500285C28.M2LIP.SOL	1381.65	17.32	1830.47	2384.69
000163	00	780823CC0500285C18.M3LIP.CO2	15921.56	424.10	1842.98	25926.54
000164	00	780823CC0500285C18.M3LIP.INS	27936.61	29767.88	25346.56	19361.93
000165	00	780823CC0500285C18.M3LIP.SOL	2422.25	81.21	830.74	1325.09
000166	00	780823CC0500285C28.M3LIP.CO2	18493.75	1170.21	26315.41	16081.74
000167	00	780823CC0500285C28.M3LIP.INS	27758.12	29434.74	18372.16	22746.86
000168	00	780823CC0500285C28.M3LIP.SOL	2599.33	144.94	2175.92	1482.93
000169	00	780824CC0500285C18.M0LIP.CO2	.00	154.55	65.78	33.55
000170	00	780824CC0500285C18.M0LIP.INS	.00	28828.75	29933.52	29961.38
000171	00	780824CC0500285C18.M0LIP.SOL	.00	1115.74	42.86	26.57
000172	00	780824CC0500285C28.M0LIP.CO2	.00	136.74	233.01	604.97
000173	00	780824CC0500285C28.M0LIP.INS	.00	29924.22	29846.77	29586.95
000174	00	780824CC0500285C28.M0LIP.SOL	.00	27.44	69.54	195.79
000175	00	780824CC0500285C18.M1LIP.CO2	2372.95	36.82	3924.22	1048.24
000176	00	780824CC0500285C18.M1LIP.INS	26580.13	29959.83	27981.45	28965.17
000177	00	780824CC0500285C18.M1LIP.SOL	567.56	26.91	609.06	370.99
000178	00	780824CC0500285C28.M1LIP.CO2	1529.28	51.83	1742.72	2840.57
000179	00	780824CC0500285C28.M1LIP.INS	29140.32	29895.79	29261.82	28026.60
000180	00	780824CC0500285C28.M1LIP.SOL	292.43	95.60	112.23	953.13
000181	00	780824CC0500285C18.M2LIP.CO2	2894.59	926.63	2839.36	4659.90
000182	00	780824CC0500285C18.M2LIP.INS	28454.87	29534.96	28478.65	26089.48
000183	00	780824CC0500285C18.M2LIP.SOL	505.46	132.71	501.51	800.07
000184	00	780824CC0500285C28.M2LIP.CO2	7208.39	171.53	1802.19	2985.90
000185	00	780824CC0500285C28.M2LIP.INS	26588.38	29971.77	29845.45	28795.18
000186	00	780824CC0500285C28.M2LIP.SOL	822.65	14.82	154.59	128.35
000187	00	780824CC0500285C18.M3LIP.CO2	7082.67	443.28	1378.16	18204.76
000188	00	780824CC0500285C18.M3LIP.INS	27119.65	29800.53	26940.12	27306.65
000189	00	780824CC0500285C18.M3LIP.SOL	365.03	137.63	499.61	1153.68
000190	00	780824CC0500285C28.M3LIP.CO2	9500.09	23.64	12140.92	18370.93
000191	00	780824CC0500285C28.M3LIP.INS	26132.03	29962.48	24719.49	22800.78
000192	00	780824CC0500285C28.M3LIP.SOL	455.75	34.88	919.76	600.78
END ELI.						

3HDS,P \*\*\*\*\* MICROBIAL \*\*\*\*\*

OR  
RMA  
NOSR SQX OAC

ELT007	PFHL8C42	MICROBIAL	M.W.	G-A	R-B	P-D	b											
000001	00	780801PE05002851	89000	4000	900	100	0.045	2.3										
000002	00	780801PE05002852	47000	3800	100	100	0.070	4.3										
000003	00	780801PE05002853	85000	4300	2600	500	0.052	4.3										
000004	00	780801PE05002854	75000	7300	1600	400	0.057	4.3										
000005	00	780801PN05002851	76000	2900	500	200	0.056	24.0										
000006	00	780801PN05002852	64000	7700	300	50	0.122	4.3										
000007	00	780801PN05002853	77000	3000	400	50	0.039	9.3										
000008	00	780801PN05002854	48000	2000	500	200	0.042	2.3										
000009	00	780801PS05002851	59000	7300	1300	200	0.124	4.3										
000010	00	780801PS05002852	63000	2700	300	50	0.043	2.3										
000011	00	780801PS05002853	1200000	3100	800	100	0.003	2.3										
000012	00	780801PS05002854	94000	5700	700	200	0.061	2.3										
000013	00	780801PK05002851	72000	3000	2400	200	0.042	9.3										
000014	00	780801PK05002852	61000	5300	900	200	0.062	4.3										
000015	00	780801PN05002853	69000	7300	600	100	0.106	4.3										
000016	00	780801PN05002854	86000	8700	1200	100	0.101	2.3										
000017	00	780802PE05002851	110000	9300	400	50	0.045	9.3										
000018	00	780802PE05002852	67000	3300	700	200	0.049	9.3										
000019	00	780802PE05002853	96000	4300	200	50	0.045	2.3										
000020	00	780802PE05002854	62000	7700	1600	50	0.124	2.3										
000021	00	780802PN05002851	74000	16000	2000	200	0.216	110.0										
000022	00	780802PN05002852	93000	4700	2300	200	0.051	4.3										
000023	00	780802PN05002853	96000	28000	1200	200	0.292	9.3										
000024	00	780802PN05002854	110000	28000	1700	300	0.255	2.3										
000025	00	780802PS05002851	48000	4800	100	50	0.152	2.3										
000026	00	780802PS05002852	74000	1700	500	50	0.236	4.3										
000027	00	780802PS05002853	73000	17000	100	50	0.233	4.3										
000028	00	780802PS05002854	72000	9300	100	50	0.129	4.3										
000029	00	780802PW05002851	72000	6300	500	200	0.087	4.3										
000030	00	780802PW05002852	130000	4700	700	300	0.036	4.3										
000031	00	780802PW05002853	78000	9700	300	100	0.124	2.3										
000032	00	780802PW05002854	60000	13000	700	200	0.217	2.3										
000033	00	780803PE05002851	38000	1000	300	50	0.086	4.3										
000034	00	780803PE05002852	45000	1700	1600	200	0.138	110.0										
000035	00	780803PE05002853	54000	3300	200	50	0.044	4.3										
000036	00	780803PE05002854	35000	11200	1000	50	0.314	46.0										
000037	00	780803PS05002851	13000	3700	900	100	0.034	4.3										
000038	00	780803PS05002852	110000	3700	3000	500	0.012	9.3										
000039	00	780803PN05002853	43000	2700	1600	300	0.063	9.3										
000040	00	780803PN05002854	52000	1700	200	200	0.033	4.3										
000041	00	780803PS05002851	47000	4700	600	50	0.100	4.3										
000042	00	780803PS05002852	62000	1900	50	200	0.079	4.3										
000043	00	780803PS05002853	56000	3000	1600	300	0.054	9.3										
000044	00	780803PS05002854	54000	2300	900	100	0.043	4.3										
000045	00	780804PE05002851	52000	3700	1100	100	0.071	4.3										
000046	00	780804PE05002852	60000	1700	400	300	0.028	9.3										
000047	00	780804PE05002853	48000	1700	900	300	0.023	2.3										
000048	00	780804PE05002854	48000	8000	900	100	0.167	2.3										
000049	00	780804PE05002851	61000	3300	500	400	0.054	9.3										
000050	00	780804PE05002852	43000	1300	800	400	0.010	4.3										
000051	00	780804PE05002853	32000	1000	600	200	0.031	9.3										
000052	00	780804PE05002854	33000	3300	1000	200	0.100	2.3										
000053	00	780804PN05002851	36000	1700	1500	700	0.047	4.3										
000054	00	780804PN05002852	38000	3000	500	50	0.020	4.3										
000055	00	780804PN05002853	38000	700	300	500	0.018	4.3										
000056	00	780804PN05002854	56000	2300	600	200	0.041	4.3										
000057	00	780804PS05002851	28000	4300	1100	50	0.181	2.3										
000058	00	780804PS05002852	31000	700	200	400	0.023	4.3										
000059	00	780804PS05002853	35000	2700	1600	100	0.077	4.3										
000060	00	780804PS05002854	30000	2300	300	300	0.077	110.0										
000061	00	780804PW05002851	28000	3700	700	300	0.132	2.3										
000062	00	780804PW05002852	41000	3000	200	50	0.073	9.3										
000063	00	780804PW05002853	36000	3300	300	500	0.092	4.3										
000064	00	780804PW05002854	41000	1300	500	100	0.132	4.3										
000065	00	780805SN05002851	120000	6800	500	200	0.040	4.3										
000066	00	780805SN05002852	170000	8200	700	200	0.043	2.3										
000067	00	780805SN05002853	310000	72000	1700	200	0.232	9.3										
000068	00	780805SN05002854	470000	6600	500	200	0.140	9.3										
000069	00	780806SN05002851	140000	9000	1100	200	0.064	24.0										
000070	00	780806SN05002852	290000	7300	1200	50	0.024	9.3										
000071	00	780806SN05002853	240000	7800	1000	50	0.027	46.0										
000072	00	780806SN05002854	98000	7800	300	50	0.078	9.3										
000073	00	780807SN05002851	110000	15000	500	500	0.136	9.3										

000074	00	7800075NO5002852	3	M	170000	17000	600	200	.142	-46.0	24	0	0	0	M
000075	00	7800075NO5002853	3	M	90000	8000	400	50	.069	-2.3	24	0	0	0	M
000076	00	7800075NO5002854	3	M	84000	10000	1500	100	.119	-4.3	24	0	0	0	M
000077	00	7800075NO5002851	3	M	82000	11000	1000	300	.177	-9.9	24	0	0	0	M
000078	00	7800075NO5002852	3	M	120000	11000	900	2300	.062	-4.3	24	0	0	0	M
000079	00	7800075NO5002853	3	M	50000	5000	700	50	.100	-9.3	24	0	0	0	M
000080	00	7800075NO5002854	3	M	53000	9000	1700	300	.170	-110.0	24	0	0	0	M
000081	00	7800075NO5002851	3	M	70000	20000	600	200	.265	-24.0	24	0	0	0	M
000082	00	7800075NO5002852	3	M	46000	14000	1500	200	.160	-5.3	24	0	0	0	M
000083	00	7800075NO5002853	3	M	72000	12000	3400	300	.157	-9.3	24	0	0	0	M
000084	00	7800075NO5002854	3	M	70000	13000	1200	50	.186	-110.0	15	0	0	0	M
000085	00	7800075NO5002851	3	M	54000	3200	900	1030	.059	-45.0	24	0	100	0	M
000086	00	7800075NO5002852	3	M	12000	3200	2400	2400	.267	-24.0	24	0	0	0	M
000087	00	7800075NO5002853	3	M	11000	2200	370	700	.200	-24.0	24	0	0	0	M
000088	00	7800075NO5002854	3	M	58000	10000	870	1000	.172	-9.3	24	0	0	0	M
000089	00	7800075NO5002851	3	M	71000	3000	4500	2200	.042	-24.0	24	0	230	0	M
000090	00	7800075NO5002852	3	M	48000	3500	280	1600	.071	-9.3	24	0	0	0	M
000091	00	7800075NO5002853	3	M	44000	5100	1300	700	.116	-9.3	24	0	0	0	M
000092	00	7800075NO5002854	3	M	110000	3900	600	700	.035	-9.3	24	0	0	0	M
000093	00	7800075NO5002851	3	M	53000	14000	1200	50	.340	-9.3	24	0	0	0	M
000094	00	7800075NO5002852	3	M	58000	17000	1000	50	.291	-6.1	24	0	0	0	M
000095	00	7800075NO5002853	3	M	51000	12000	1000	50	.235	-4.3	24	0	0	0	M
000096	00	7800075NO5002854	3	M	48000	11000	400	50	.229	-110.0	24	0	0	0	M
000097	00	7800075NO5002851	3	M	67000	32000	2100	50	.478	-110.0	24	0	0	0	M
000098	00	7800075NO5002852	3	M	90000	30000	4200	100	.333	-110.0	24	0	0	0	M
000099	00	7800075NO5002853	3	M	98000	10000	1000	50	.102	-4.3	24	0	0	0	M
000100	00	7800075NO5002854	3	M	90000	15000	500	50	.167	-9.3	24	0	0	0	M
000101	00	7800075NO5002851	3	M	13000	1100	1300	600	.096	-2.4	42	0	0	0	M
000102	00	7800075NO5002852	3	M	14000	1700	2500	200	.106	-2.4	42	0	0	0	M
000103	00	7800075NO5002853	3	M	8000	4400	700	700	.550	-9.3	24	0	0	0	M
000104	00	7800075NO5002854	3	M	33000	700	2300	200	.021	-9.3	24	0	0	0	M
000105	00	7800075NO5002851	3	M	7000	8000	1300	400	1.143	-2.3	24	0	0	0	M
000106	00	7800075NO5002852	3	M	13000	10000	1100	50	.769	-4.4	24	0	0	0	M
000107	00	7800075NO5002853	3	M	15000	10000	900	300	.667	-2.3	24	0	0	0	M
000108	00	7800075NO5002854	3	M	15000	5000	400	50	.333	-2.3	24	0	0	0	M
000109	00	7800075NO5002851	3	M	37000	15000	400	100	.405	-9.9	24	0	0	0	M
000110	00	7800075NO5002852	3	M	52000	8000	600	200	.154	-4.4	24	0	0	0	M
000111	00	7800075NO5002853	3	M	44000	16000	400	100	.364	-4.3	24	0	0	0	M
000112	00	7800075NO5002854	3	M	35000	7000	300	100	.200	-4.3	24	0	0	0	M
000113	00	7800075NO5002851	3	M	70000	13000	1800	700	.481	-9.9	24	0	0	0	M
000114	00	7800075NO5002852	3	M	52000	41000	3400	400	.656	-2.3	24	0	0	0	M
000115	00	7800075NO5002853	3	M	19000	9000	1000	200	.474	-4.4	24	0	0	0	M
000116	00	7800075NO5002854	3	M	22000	18000	900	50	.818	-4.4	24	0	0	0	M
000117	00	7800075NO5002851	3	M	32000	700	700	500	.022	-9.3	24	0	85	0	M
000118	00	7800075NO5002852	3	M	25000	4100	70	70	1.64	-4.3	24	0	0	0	M
000119	00	7800075NO5002853	3	M	220000	900	1100	500	.004	-9.3	24	0	0	0	M
000120	00	7800075NO5002854	3	M	4000	1700	1500	1300	.425	-2.3	24	0	0	0	M
000121	00	7800075NO5002851	3	M	3000	500	700	500	.167	-2.3	24	0	520	0	M
000122	00	7800075NO5002852	3	M	6000	500	700	200	1.20	-2.3	24	0	0	0	M
000123	00	7800075NO5002853	3	M	7000	700	500	400	.197	-2.3	24	0	0	0	M
000124	00	7800075NO5002854	3	M	3000	500	700	200	.167	-2.3	24	0	0	0	M
000125	00	7800075NO5002851	3	M	36000	3900	130	200	1.08	-4.3	24	0	33	0	M
000126	00	7800075NO5002852	3	M	37000	2400	400	400	.066	-7.5	24	0	0	0	M
000127	00	7800075NO5002853	3	M	170000	3300	600	400	.019	-7.5	24	0	0	0	M
000128	00	7800075NO5002854	3	M	59000	4500	300	200	.076	-4.3	24	0	0	0	M
000129	00	7800075NO5002851	3	M	120000	3000	700	200	.025	-2.3	24	0	0	0	M
000130	00	7800075NO5002852	3	M	140000	17000	2900	600	.091	-2.3	24	0	0	0	M
000131	00	7800075NO5002853	3	M	51000	7000	700	800	.137	-7.7	24	0	0	0	M
000132	00	7800075NO5002854	3	M	84000	33000	200	100	.393	-1.5	24	0	0	0	M
000133	00	7800075NO5002851	3	M	51000	300	430	300	.006	-24.0	24	0	33	0	M
000134	00	7800075NO5002852	3	M	44000	1700	1700	300	.084	-2.3	24	0	0	0	M
000135	00	7800075NO5002853	3	M	52000	1700	1300	1100	.033	-24.0	24	0	0	0	M
000136	00	7800075NO5002854	3	M	54000	9000	3400	3600	.167	-110.0	24	0	0	0	M
000137	00	7800075NO5002851	3	M	34000	3300	3400	500	.097	-4.3	24	0	0	0	M
000138	00	7800075NO5002852	3	M	38000	4300	200	100	.113	-9.3	24	0	0	0	M
000139	00	7800075NO5002853	3	M	30000	3300	1700	500	.110	-9.3	24	0	0	0	M
000140	00	7800075NO5002854	3	M	60000	1300	900	400	.022	-2.3	24	0	0	0	M
000141	00	7800075NO5002851	3	M	48000	1900	1100	1300	.040	-24.0	24	0	30	0	M
000142	00	7800075NO5002852	3	M	5000	1400	1300	700	.280	-45.0	24	0	30	0	M
000143	00	7800075NO5002853	3	M	77000	15000	2100	1800	.195	-110.0	24	0	30	0	M
000144	00	7800075NO5002854	3	M	48000	1100	1300	1200	.023	-24.0	24	0	30	0	M

END FLT.



000074	00	708044CC0500285C1B.M3NFI XC02	21.000	21.000	22.000	21.000
000075	00	708044CC0500285C1B.M3NFI XN2	76.000	76.000	75.000	82.000
000076	00	708044CC0500285C1B.M1NFI XA2	14.730	15.091	14.589	14.365
000077	00	708044CC0500285C1B.M1NFI XC02	13.571	10.714	12.636	12.857
000078	00	708044CC0500285C1B.M1NFI XN2	46.244	45.683	49.146	43.905
000079	00	708044CC0500285C1B.M2NFI XA2	14.587	15.019	14.090	14.438
000080	00	708044CC0500285C1B.M2NFI XC02	13.571	11.429	11.636	12.857
000081	00	708044CC0500285C1B.M2NFI XN2	50.161	48.683	50.841	44.428
000082	00	708044CC0500285C1B.M3NFI XA2	14.802	14.730	14.232	14.584
000083	00	708044CC0500285C1B.M3NFI XC02	14.286	11.429	14.318	14.286
000084	00	708044CC0500285C1B.M3NFI XN2	51.319	45.116	55.432	49.655
000085	00	708044CC0500285C2B.M0NFI XA2	187.000	206.000	213.000	216.000
000086	00	708044CC0500285C2B.M0NFI XC02	22.000	21.000	23.000	22.000
000087	00	708044CC0500285C2B.M0NFI XN2	82.000	80.000	79.000	79.000
000088	00	708044CC0500285C2B.M1NFI XA2	15.029	14.515	14.661	14.379
000089	00	708044CC0500285C2B.M1NFI XC02	12.955	10.714	13.043	12.555
000090	00	708044CC0500285C2B.M1NFI XN2	46.519	47.356	44.115	42.317
000091	00	708044CC0500285C2B.M2NFI XA2	14.505	14.372	14.246	14.800
000092	00	708044CC0500285C2B.M2NFI XC02	12.955	10.714	13.391	13.636
000093	00	708044CC0500285C2B.M2NFI XN2	47.041	43.396	44.488	46.828
000094	00	708044CC0500285C2B.M3NFI XA2	14.880	14.658	14.523	14.520
000095	00	708044CC0500285C2B.M3NFI XC02	13.636	10.714	12.391	13.636
000096	00	708044CC0500285C2B.M3NFI XN2	47.041	48.217	46.115	50.998
000097	00	708044CC0500285C1B.M0NFI XA2	200.000	206.000	206.000	203.000
000098	00	708044CC0500285C1B.M0NFI XC02	23.000	23.000	25.000	22.000
000099	00	708044CC0500285C1B.M0NFI XN2	77.000	77.000	77.000	82.000
000100	00	708044CC0500285C1B.M1NFI XA2	14.448	14.587	14.802	14.512
000101	00	708044CC0500285C1B.M1NFI XC02	13.943	12.391	13.200	15.000
000102	00	708044CC0500285C1B.M1NFI XN2	44.530	43.417	47.313	43.905
000103	00	708044CC0500285C1B.M2NFI XA2	14.660	15.016	14.587	14.803
000104	00	708044CC0500285C1B.M2NFI XC02	13.696	12.391	15.000	15.000
000105	00	708044CC0500285C1B.M2NFI XN2	48.426	45.643	48.426	48.087
000106	00	708044CC0500285C1B.M3NFI XA2	14.307	14.802	15.159	14.657
000107	00	708044CC0500285C1B.M3NFI XC02	12.696	12.791	15.000	12.955
000108	00	708044CC0500285C1B.M3NFI XN2	51.209	46.200	49.539	49.132
000109	00	708044CC0500285C2B.M0NFI XA2	200.000	204.000	204.000	207.000
000110	00	708044CC0500285C2B.M0NFI XC02	23.000	23.000	23.000	22.000
000111	00	708044CC0500285C2B.M0NFI XN2	77.000	76.000	77.000	77.000
000112	00	708044CC0500285C2B.M1NFI XA2	14.586	14.874	14.847	14.588
000113	00	708044CC0500285C2B.M1NFI XC02	14.348	15.000	14.348	15.000
000114	00	708044CC0500285C2B.M1NFI XN2	43.417	45.116	43.417	45.086
000115	00	708044CC0500285C2B.M2NFI XA2	14.730	14.802	14.447	14.445
000116	00	708044CC0500285C2B.M2NFI XC02	14.348	15.000	14.348	16.364
000117	00	708044CC0500285C2B.M2NFI XN2	45.086	50.755	45.643	49.539
000118	00	708044CC0500285C2B.M3NFI XA2	14.730	14.297	14.518	13.805
000119	00	708044CC0500285C2B.M3NFI XC02	14.348	14.348	15.000	15.682
000120	00	708044CC0500285C2B.M3NFI XN2	48.426	53.011	48.983	48.983
000121	00	708044CC0500285C1B.M0NFI XA2	214.286	212.000	214.286	188.000
000122	00	708044CC0500285C1B.M0NFI XC02	23.000	23.000	23.000	19.000
000123	00	708044CC0500285C1B.M0NFI XN2	84.000	87.000	92.000	118.000
000124	00	708044CC0500285C1B.M1NFI XA2	14.592	14.730	13.852	14.495
000125	00	708044CC0500285C1B.M1NFI XC02	11.739	14.348	8.152	11.842
000126	00	708044CC0500285C1B.M1NFI XN2	44.391	43.353	42.394	39.591
000127	00	708044CC0500285C1B.M2NFI XA2	14.455	13.618	13.108	13.633
000128	00	708044CC0500285C1B.M2NFI XC02	11.087	13.696	10.909	11.842
000129	00	708044CC0500285C1B.M2NFI XN2	46.433	40.889	43.394	38.501
000130	00	708044CC0500285C1B.M3NFI XA2	14.111	14.105	12.027	13.711
000131	00	708044CC0500285C1B.M3NFI XC02	11.087	14.348	10.227	12.632
000132	00	708044CC0500285C1B.M3NFI XN2	51.534	42.460	40.531	37.005
000133	00	708044CC0500285C2B.M0NFI XA2	213.000	206.000	202.800	189.000
000134	00	708044CC0500285C2B.M0NFI XC02	24.000	22.000	21.000	20.000
000135	00	708044CC0500285C2B.M0NFI XN2	86.000	87.000	94.000	107.000
000136	00	708044CC0500285C2B.M1NFI XA2	14.661	14.658	14.730	14.340
000137	00	708044CC0500285C2B.M1NFI XC02	11.475	14.318	12.143	12.000
000138	00	708044CC0500285C2B.M1NFI XN2	43.358	44.338	43.316	42.059
000139	00	708044CC0500285C2B.M2NFI XA2	8.091	12.227	12.688	11.768
000140	00	708044CC0500285C2B.M2NFI XC02	116.250	122.727	114.285	108.000
000141	00	708044CC0500285C2B.M2NFI XN2	7.974	9.853	5.927	5.207
000142	00	708044CC0500285C2B.M3NFI XA2	5.394	6.000	6.688	6.547
000143	00	708044CC0500285C2B.M3NFI XC02	118.125	132.955	140.714	138.000
000144	00	708044CC0500285C2B.M3NFI XN2	8.472	10.838	7.751	7.210
000145	00	708044CC0500285C2B.M3NFI XN2	80.000	93.000	100.000	120.000
000146	00	708044CC0500285C1B.M0NFI XA2	203.000	209.000	207.000	209.000
000147	00	708044CC0500285C1B.M0NFI XC02	23.000	22.000	24.000	23.000
000148	00	708044CC0500285C1B.M0NFI XN2	14.914	12.354	11.489	9.574
000149	00	708044CC0500285C1B.M1NFI XA2	15.000	14.785	14.743	14.713
000150	00	708044CC0500285C1B.M1NFI XC02	37.270	33.119	35.717	37.270
000151	00	708044CC0500285C1B.M1NFI XN2	16.019	12.354	13.110	9.697



000152	00	780823CC0500285C1B	M2NFXAR	15.517	18.899	18.217	14.569
000153	00	780823CC0500285C1B	M2NFXC02	37.270	38.114	38.717	35.406
000154	00	780823CC0500285C1B	M2NFXN2	16.598	12.356	13.846	15.311
000155	00	780823CC0500285C1B	M3NFXAR	14.926	15.216	14.203	14.569
000156	00	780823CC0500285C1B	M3NFXC02	39.133	33.119	33.931	35.406
000157	00	780823CC0500285C1B	M3NFXN2	84.000	84.000	84.000	91.000
000158	00	780823CC0500285C2B	M0NFXAR	205.000	208.000	207.000	210.000
000159	00	780823CC0500285C2B	M0NFXC02	23.000	21.000	24.000	23.000
000160	00	780823CC0500285C2B	M0NFXN2	12.379	13.502	11.159	13.111
000161	00	780823CC0500285C2B	M1NFXAR	15.000	14.927	15.000	14.571
000162	00	780823CC0500285C2B	M1NFXC02	37.270	32.655	35.717	37.270
000163	00	780823CC0500285C2B	M1NFXN2	12.379	13.678	12.647	13.111
000164	00	780823CC0500285C2B	M2NFXAR	14.854	14.954	14.719	14.500
000165	00	780823CC0500285C2B	M2NFXC02	35.406	33.644	35.717	39.133
000166	00	780823CC0500285C2B	M2NFXN2	12.223	13.502	13.688	13.273
000167	00	780823CC0500285C2B	M3NFXAR	14.927	15.000	14.058	14.500
000168	00	780823CC0500285C2B	M3NFXC02	33.543	32.655	37.802	39.133
000169	00	780823CC0500285C2B	M3NFXN2	78.000	78.000	78.000	84.000
000170	00	780824CC0500285C1B	M0NFXAR	212.000	212.000	204.000	204.000
000171	00	780824CC0500285C1B	M0NFXC02	22.000	22.000	20.000	22.000
000172	00	780824CC0500285C1B	M0NFXN2	16.595	16.807	13.828	15.133
000173	00	780824CC0500285C1B	M1NFXAR	14.788	14.292	14.779	15.074
000174	00	780824CC0500285C1B	M1NFXC02	37.015	31.171	35.431	35.067
000175	00	780824CC0500285C1B	M1NFXN2	16.595	17.563	14.129	16.484
000176	00	780824CC0500285C1B	M2NFXAR	19.896	13.189	11.103	11.397
000177	00	780824CC0500285C1B	M2NFXC02	25.226	27.189	25.845	27.275
000178	00	780824CC0500285C1B	M2NFXN2	12.679	17.185	10.521	12.801
000179	00	780824CC0500285C1B	M3NFXAR	14.080	13.231	13.721	13.456
000180	00	780824CC0500285C1B	M3NFXC02	33.119	29.223	30.702	33.119
000181	00	780824CC0500285C1B	M3NFXN2	86.000	89.000	81.000	82.000
000182	00	780824CC0500285C2B	M0NFXAR	212.000	205.000	219.000	209.000
000183	00	780824CC0500285C2B	M0NFXC02	22.000	20.000	23.000	21.000
000184	00	780824CC0500285C2B	M0NFXN2	14.901	15.081	15.094	14.730
000185	00	780824CC0500285C2B	M1NFXAR	14.788	14.884	14.726	14.641
000186	00	780824CC0500285C2B	M1NFXC02	35.067	34.288	33.543	34.696
000187	00	780824CC0500285C2B	M1NFXN2	14.901	14.896	14.912	14.670
000188	00	780824CC0500285C2B	M2NFXC02	.778	1.024	1.027	.933
000189	00	780824CC0500285C2B	M2NFXN2	107.150	167.154	126.717	142.867
000190	00	780824CC0500285C2B	M3NFXAR	16.100	31.943	34.188	31.541
000191	00	780824CC0500285C2B	M3NFXC02	1.132	1.244	1.027	1.292
000192	00	780824CC0500285C2B	M3NFXN2	163.647	188.584	136.034	185.727

END ELT.

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SLT	L	PFHLGCP2.NITRIF	SL73R1 05/29/79 11 53 37 (0.)
000001	00	70801PC0500285C18.MONIT.NH3	.000 16756.000 15973.000 14992.000
000002	00	70801PC0500285C18.MONIT.NH3	15756.000 14611.000 14720.000 14339.000
000003	00	70801PC0500285C18.MONIT.NH3	17118.000 15211.000 18099.000 17118.000
000004	00	780801PC0500285C18.M3NIT.NH3	17281.000 16845.000 16845.000 17009.000
000005	00	780801PC0500285C28.MONIT.NH3	.000 15734.000 16409.000 15647.000
000006	00	780801PC0500285C28.MONIT.NH3	16246.000 15973.000 15972.000 14775.000
000007	00	780801PC0500285C28.M2NIT.NH3	17408.000 18099.000 17118.000 17408.000
000008	00	780801PC0500285C28.M3NIT.NH3	17227.000 16682.000 17118.000 17364.000
000009	00	780802PC0500285C18.MONIT.NH3	.000 14775.000 15774.000 14339.000
000010	00	780802PC0500285C18.MONIT.NH3	16192.000 16355.000 16682.000 16300.000
000011	00	780802PC0500285C18.M2NIT.NH3	18099.000 16246.000 17500.000 17118.000
000012	00	780802PC0500285C18.M3NIT.NH3	18044.000 18099.000 17118.000 17608.000
000013	00	780802PC0500285C28.MONIT.NH3	.000 15701.000 15592.000 15047.000
000014	00	780802PC0500285C28.MONIT.NH3	16137.000 14775.000 15973.000 15265.000
000015	00	780802PC0500285C28.M2NIT.NH3	16573.000 17500.000 17336.000 17445.000
000016	00	780802PC0500285C28.M3NIT.NH3	17554.000 17227.000 17227.000 16736.000
000017	00	780803PC0500285C18.MONIT.NH3	.000 15973.000 15864.000 1537.000
000018	00	780803PC0500285C18.MONIT.NH3	16137.000 14556.000 14666.000 15101.000
000019	00	780803PC0500285C18.M2NIT.NH3	17336.000 14556.000 17608.000 16845.000
000020	00	780803PC0500285C18.M3NIT.NH3	17227.000 17118.000 17336.000 18044.000
000021	00	780803PC0500285C28.MONIT.NH3	.000 14829.000 14775.000 15211.000
000022	00	780803PC0500285C28.MONIT.NH3	16845.000 16137.000 14393.000 15265.000
000023	00	780803PC0500285C28.M2NIT.NH3	17717.000 16355.000 17608.000 16454.000
000024	00	780803PC0500285C28.M3NIT.NH3	17608.000 17608.000 17118.000 16262.000
000025	00	780804PC0500285C18.MONIT.NH3	.000 14775.000 14339.000 14892.000
000026	00	780804PC0500285C18.MONIT.NH3	14938.000 16628.000 15320.000 15773.000
000027	00	780804PC0500285C18.M2NIT.NH3	17009.000 16355.000 14339.000 17364.000
000028	00	780804PC0500285C18.M3NIT.NH3	21205.000 16355.000 20924.000 13750.000
000029	00	780804PC0500285C28.MONIT.NH3	.000 15211.000 14829.000 15647.000
000030	00	780804PC0500285C28.MONIT.NH3	16628.000 15265.000 15156.000 14992.000
000031	00	780804PC0500285C28.M2NIT.NH3	14120.000 15592.000 16736.000 15447.000
000032	00	780804PC0500285C28.M3NIT.NH3	22240.000 21423.000 22022.000 21859.000
000033	00	780821CC0500285C18.MONIT.NH3	.000 15221.000 16246.000 15483.000
000034	00	780821CC0500285C18.MONIT.NH3	18099.000 16246.000 16628.000 16973.000
000035	00	780821CC0500285C18.M2NIT.NH3	17608.000 17172.000 16682.000 16356.000
000036	00	780821CC0500285C18.M3NIT.NH3	16682.000 16137.000 16682.000 17554.000
000037	00	780821CC0500285C28.MONIT.NH3	.000 16355.000 16582.000 15647.000
000038	00	780821CC0500285C28.MONIT.NH3	18262.000 16246.000 16628.000 16409.000
000039	00	780821CC0500285C28.M2NIT.NH3	17009.000 17772.000 16300.000 18153.000
000040	00	780821CC0500285C28.M3NIT.NH3	17554.000 17118.000 19238.000 18162.000
000041	00	780822CC0500285C18.MONIT.NH3	.000 15756.000 16137.000 16192.000
000042	00	780822CC0500285C18.MONIT.NH3	18644.000 17281.000 17563.000 17935.000
000043	00	780822CC0500285C18.M2NIT.NH3	18099.000 16246.000 18644.000 14535.000
000044	00	780822CC0500285C18.M3NIT.NH3	17990.000 19243.000 19025.000 18208.000
000045	00	780822CC0500285C28.MONIT.NH3	.000 17009.000 16192.000 16682.000
000046	00	780822CC0500285C28.MONIT.NH3	7717.000 17500.000 18371.000 18153.000
000047	00	780822CC0500285C28.M2NIT.NH3	17500.000 16192.000 17172.000 16454.000
000048	00	780822CC0500285C28.M3NIT.NH3	19189.000 20061.000 19189.000 20224.000
000049	00	780823CC0500285C18.MONIT.NH3	.000 16464.000 16355.000 16028.000
000050	00	780823CC0500285C18.MONIT.NH3	18099.000 15211.000 18644.000 17118.000
000051	00	780823CC0500285C18.M2NIT.NH3	18099.000 17118.000 17500.000 18044.000
000052	00	780823CC0500285C18.M3NIT.NH3	17227.000 15701.000 17118.000 17881.000
000053	00	780823CC0500285C28.MONIT.NH3	.000 15647.000 14720.000 1537.000
000054	00	780823CC0500285C28.MONIT.NH3	15864.000 17336.000 16137.000 16954.000
000055	00	780823CC0500285C28.M2NIT.NH3	16519.000 17336.000 18644.000 16355.000
000056	00	780823CC0500285C28.M3NIT.NH3	18644.000 17608.000 16954.000 16464.000
000057	00	780824CC0500285C18.MONIT.NH3	.000 16954.000 15647.000 1537.000
000058	00	780824CC0500285C18.MONIT.NH3	16589.000 18460.000 16944.000 19134.000
000059	00	780824CC0500285C18.M2NIT.NH3	15973.000 17500.000 16246.000 16736.000
000060	00	780824CC0500285C18.M3NIT.NH3	20660.000 18753.000 19025.000 20779.000
000061	00	780824CC0500285C28.MONIT.NH3	.000 16246.000 18099.000 17935.000
000062	00	780824CC0500285C28.MONIT.NH3	19679.000 17608.000 18916.000 19325.000
000063	00	780824CC0500285C28.M2NIT.NH3	17227.000 16137.000 19189.000 17118.000
000064	00	780824CC0500285C28.M3NIT.NH3	19243.000 19134.000 19952.000 20115.000
000065	00	780801PC0500285C18.MONIT.NO2	.030 .030 .030 .030
000066	00	780801PC0500285C18.MONIT.NO2	.030 .030 .030 .030
000067	00	780801PC0500285C18.M2NIT.NO2	.030 .030 .030 .030
000068	00	780801PC0500285C18.M3NIT.NO2	.030 .030 .030 .030
000069	00	780801PC0500285C28.MONIT.NO2	.030 .030 .030 .030
000070	00	780801PC0500285C28.MONIT.NO2	.030 .030 .030 .030
000071	00	780801PC0500285C28.M2NIT.NO2	.030 .030 .030 .030
000072	00	780801PC0500285C28.M3NIT.NO2	.030 .030 .030 .030
000073	00	780802PC0500285C18.MONIT.NO2	.030 .030 .030 .030
000074	00	780802PC0500285C18.MONIT.NO2	.030 .030 .030 .030

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000075	00	780802PC0500285C18	M2NIT,N02	.030	.030	.030	.030
000076	00	780802PC0500285C18	M3NIT,N02	.030	.030	.030	.030
000077	00	780802PC0500285C28	M0NIT,N02	.000	.030	.870	.030
000078	00	780802PC0500285C28	M1NIT,N02	.000	.030	.870	.030
000079	00	780802PC0500285C28	M2NIT,N02	.030	.870	.870	.030
000080	00	780802PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000081	00	780803PC0500285C18	M0NIT,N02	.000	.030	.030	.030
000082	00	780803PC0500285C18	M1NIT,N02	.070	.870	.030	.030
000083	00	780803PC0500285C18	M2NIT,N02	.870	.870	.870	.030
000084	00	780803PC0500285C18	M3NIT,N02	.030	.030	.030	.030
000085	00	780803PC0500285C28	M0NIT,N02	.000	.030	.030	.030
000086	00	780803PC0500285C28	M1NIT,N02	.030	.030	.030	.030
000087	00	780803PC0500285C28	M2NIT,N02	.030	.030	.030	.030
000088	00	780803PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000089	00	780804PC0500285C18	M0NIT,N02	.000	.030	.030	.030
000090	00	780804PC0500285C18	M1NIT,N02	.030	.030	.030	.030
000091	00	780804PC0500285C18	M2NIT,N02	.030	.030	.030	.030
000092	00	780804PC0500285C18	M3NIT,N02	.030	.030	.030	.030
000093	00	780804PC0500285C28	M0NIT,N02	.000	.030	.870	.030
000094	00	780804PC0500285C28	M1NIT,N02	.030	.870	.030	.030
000095	00	780804PC0500285C28	M2NIT,N02	.030	.030	.030	.030
000096	00	780804PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000097	00	780804PC0500285C18	M0NIT,N02	.000	.030	.030	.030
000098	00	780804PC0500285C18	M1NIT,N02	.870	.870	.030	.030
000099	00	780804PC0500285C18	M2NIT,N02	.030	.030	.870	.030
000100	00	780804PC0500285C18	M3NIT,N02	.030	.030	.030	.030
000101	00	780804PC0500285C28	M0NIT,N02	.030	.030	.030	.030
000102	00	780804PC0500285C28	M1NIT,N02	.030	.870	.030	.870
000103	00	780804PC0500285C28	M2NIT,N02	.030	.030	.870	.030
000104	00	780804PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000105	00	780804PC0500285C18	M0NIT,N02	.000	.030	.030	.030
000106	00	780804PC0500285C18	M1NIT,N02	.030	.870	.030	.030
000107	00	780804PC0500285C18	M2NIT,N02	.030	.030	.030	.030
000108	00	780804PC0500285C18	M3NIT,N02	.030	.870	.030	.030
000109	00	780804PC0500285C28	M0NIT,N02	.000	.030	.870	.030
000110	00	780804PC0500285C28	M1NIT,N02	.030	.030	.030	.030
000111	00	780804PC0500285C28	M2NIT,N02	.030	.870	.030	.030
000112	00	780804PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000113	00	780804PC0500285C18	M0NIT,N02	.000	.870	.870	.030
000114	00	780804PC0500285C18	M1NIT,N02	.030	.030	.870	.030
000115	00	780804PC0500285C18	M2NIT,N02	.030	.870	.870	.030
000116	00	780804PC0500285C18	M3NIT,N02	.030	.030	.030	.030
000117	00	780804PC0500285C28	M0NIT,N02	.000	.870	.870	.870
000118	00	780804PC0500285C28	M1NIT,N02	.030	.870	.030	.030
000119	00	780804PC0500285C28	M2NIT,N02	.870	.870	.870	.030
000120	00	780804PC0500285C28	M3NIT,N02	.030	.030	.030	.030
000121	00	780804PC0500285C18	M0NIT,N02	.000	.030	.030	.870
000122	00	780804PC0500285C18	M1NIT,N02	.030	.870	.030	.870
000123	00	780804PC0500285C18	M2NIT,N02	.870	.870	.870	.030
000124	00	780804PC0500285C18	M3NIT,N02	.030	.870	.870	.870
000125	00	780804PC0500285C28	M0NIT,N02	.000	.030	.870	.030
000126	00	780804PC0500285C28	M1NIT,N02	.030	.870	.870	.030
000127	00	780804PC0500285C28	M2NIT,N02	.030	.870	.870	.030
000128	00	780804PC0500285C28	M3NIT,N02	.030	.870	.030	.870
000129	00	780801PC0500285C18	M0NIT,N03	.000	17.750	19.390	8.870
000130	00	780801PC0500285C18	M1NIT,N03	9.870	8.870	8.870	20.220
000131	00	780801PC0500285C18	M2NIT,N03	17.750	17.750	8.870	19.390
000132	00	780801PC0500285C18	M3NIT,N03	9.870	8.870	20.220	20.220
000133	00	780801PC0500285C28	M0NIT,N03	.000	17.750	20.220	21.030
000134	00	780801PC0500285C28	M1NIT,N03	19.390	20.220	20.220	20.220
000135	00	780801PC0500285C28	M2NIT,N03	17.750	8.870	17.750	17.750
000136	00	780801PC0500285C28	M3NIT,N03	21.220	22.670	27.590	8.970
000137	00	780802PC0500285C18	M0NIT,N03	.000	17.750	17.750	23.480
000138	00	780802PC0500285C18	M1NIT,N03	9.470	9.470	9.470	8.470
000139	00	780802PC0500285C18	M2NIT,N03	19.390	20.220	20.220	21.030
000140	00	780802PC0500285C18	M3NIT,N03	21.030	17.750	17.750	18.580
000141	00	780802PC0500285C28	M0NIT,N03	.000	.030	20.220	20.220
000142	00	780802PC0500285C28	M1NIT,N03	8.870	17.750	16.870	8.870
000143	00	780802PC0500285C28	M2NIT,N03	19.390	8.870	8.870	20.220
000144	00	780802PC0500285C28	M3NIT,N03	26.760	30.040	22.670	28.430
000145	00	780803PC0500285C18	M0NIT,N03	.000	19.390	19.390	19.390
000146	00	780803PC0500285C18	M1NIT,N03	19.580	18.580	17.750	8.870
000147	00	780803PC0500285C18	M2NIT,N03	20.220	21.030	21.030	20.220
000148	00	780803PC0500285C18	M3NIT,N03	14.870	14.870	14.870	8.870
000149	00	780803PC0500285C28	M0NIT,N03	.000	17.750	20.220	20.220
000150	00	780803PC0500285C28	M1NIT,N03	8.870	17.750	17.750	8.870
000151	00	780803PC0500285C28	M2NIT,N03	17.750	17.750	17.750	8.870
000152	00	780803PC0500285C28	M3NIT,N03	25.950	8.470	21.030	22.670

000154	00	780804PC0500285C18	M0NIT.N03	.000	19.580	8.470	19.580
000154	00	780804PC0500285C18	M1NIT.N03	8.470	8.470	18.580	8.870
000155	00	780804PC0500285C18	M2NIT.N03	8.470	8.470	8.470	8.470
000156	00	780804PC0500285C18	M3NIT.N03	17.750	21.030	17.750	27.590
000157	00	780804PC0500285C28	M0NIT.N03	.000	20.220	19.390	22.670
000158	00	780804PC0500285C28	M1NIT.N03	8.470	17.750	8.870	8.470
000159	00	780804PC0500285C28	M2NIT.N03	8.470	8.470	8.470	8.470
000160	00	780804PC0500285C28	M3NIT.N03	22.670	23.670	23.220	25.950
000161	00	780821CC0500285C18	M0NIT.N03	.000	21.940	22.670	27.590
000162	00	780821CC0500285C18	M1NIT.N03	17.750	8.470	17.750	8.870
000163	00	780821CC0500285C18	M2NIT.N03	21.030	24.310	24.310	25.950
000164	00	780821CC0500285C18	M3NIT.N03	8.870	17.750	8.470	19.390
000165	00	780821CC0500285C28	M0NIT.N03	.000	18.580	18.580	19.390
000166	00	780821CC0500285C28	M1NIT.N03	8.870	8.470	8.870	17.750
000167	00	780821CC0500285C28	M2NIT.N03	8.870	8.470	8.470	8.470
000168	00	780821CC0500285C28	M3NIT.N03	27.590	30.040	32.490	31.680
000169	00	780822CC0500285C18	M0NIT.N03	.000	19.390	8.870	17.750
000170	00	780822CC0500285C18	M1NIT.N03	8.470	8.470	8.470	8.470
000171	00	780822CC0500285C18	M2NIT.N03	8.470	8.470	8.870	8.470
000172	00	780822CC0500285C18	M3NIT.N03	20.220	20.220	22.670	22.670
000173	00	780822CC0500285C28	M0NIT.N03	.000	8.470	8.870	17.750
000174	00	780822CC0500285C28	M1NIT.N03	8.470	8.470	8.470	8.470
000175	00	780822CC0500285C28	M2NIT.N03	8.470	8.470	8.470	8.870
000176	00	780822CC0500285C28	M3NIT.N03	21.030	20.220	20.220	20.220
000177	00	780823CC0500285C18	M0NIT.N03	.000	20.220	20.220	21.030
000178	00	780823CC0500285C18	M1NIT.N03	17.750	17.750	18.580	19.390
000179	00	780823CC0500285C18	M2NIT.N03	8.470	8.470	8.470	8.470
000180	00	780823CC0500285C18	M3NIT.N03	24.310	28.400	26.760	30.040
000181	00	780823CC0500285C28	M0NIT.N03	.000	8.470	17.750	8.470
000182	00	780823CC0500285C28	M1NIT.N03	22.670	19.390	18.580	20.220
000183	00	780823CC0500285C28	M2NIT.N03	18.580	8.470	18.580	8.470
000184	00	780823CC0500285C28	M3NIT.N03	13.560	27.480	31.680	21.030
000185	00	780824CC0500285C18	M0NIT.N03	.000	19.390	8.470	8.470
000186	00	780824CC0500285C18	M1NIT.N03	8.470	8.470	8.870	8.470
000187	00	780824CC0500285C18	M2NIT.N03	8.470	8.470	8.470	8.470
000188	00	780824CC0500285C18	M3NIT.N03	21.030	8.870	8.870	17.750
000189	00	780824CC0500285C28	M0NIT.N03	.000	8.470	8.470	18.580
000190	00	780824CC0500285C28	M1NIT.N03	18.580	8.470	8.470	8.470
000191	00	780824CC0500285C28	M2NIT.N03	8.870	8.470	8.470	8.470
000192	00	780824CC0500285C28	M3NIT.N03	19.390	17.750	18.580	20.220

END ELT.

AMDG,P \*\*\*\*\* NITRIF-REG \*\*\*\*\*

DELTA	RFHLSR2	NITRIF-REG	SL73R1	3/29/79	11 53 38 (D.)			
000001	00	780801PC0500285C18	MONIT.NH3	1				.0000
000002	00	780801PC0500285C18	MONIT.NH3	2				4755.0000
000003	00	780801PC0500285C18	MONIT.NH3	3				13.0000
000004	00	780801PC0500285C18	MONIT.NH3	4				.0000
000005	00	780801PC0500285C18	MINIT.NH3	1				15756.0000
000006	00	780801PC0500285C18	MINIT.NH3	2				4611.0000
000007	00	780801PC0500285C18	MINIT.NH3	3				20.0000
000008	00	780801PC0500285C18	MINIT.NH3	4				.0000
000009	00	780801PC0500285C18	M2NIT.NH3	1				17118.0000
000010	00	780801PC0500285C18	M2NIT.NH3	2				511.0000
000011	00	780801PC0500285C18	M2NIT.NH3	3				.0000
000012	00	780801PC0500285C18	M2NIT.NH3	4				.0000
000013	00	780801PC0500285C18	M3NIT.NH3	1				1321.0000
000014	00	780801PC0500285C18	M3NIT.NH3	2				3011.0000
000015	00	780801PC0500285C18	M3NIT.NH3	3				45.0000
000016	00	780801PC0500285C18	M3NIT.NH3	4				.0000
000017	00	780801PC0500285C28	MONIT.NH3	1				.0000
000018	00	780801PC0500285C28	MONIT.NH3	2				574.0000
000019	00	780801PC0500285C28	MONIT.NH3	3				.0000
000020	00	780801PC0500285C28	MONIT.NH3	4				.0000
000021	00	780801PC0500285C28	M2NIT.NH3	1				180.0000
000022	00	780801PC0500285C28	M2NIT.NH3	2				574.0000
000023	00	780801PC0500285C28	M2NIT.NH3	3				.0000
000024	00	780801PC0500285C28	M1NIT.NH3	1				92.0000
000025	00	780801PC0500285C28	M1NIT.NH3	2				.0000
000026	00	780801PC0500285C28	M2NIT.NH3	2				8000.0000
000027	00	780801PC0500285C28	M2NIT.NH3	3				12.0000
000028	00	780801PC0500285C28	M2NIT.NH3	4				.0000
000029	00	780801PC0500285C28	M3NIT.NH3	1				1727.0000
000030	00	780801PC0500285C28	M3NIT.NH3	2				66848.0000
000031	00	780801PC0500285C28	M3NIT.NH3	3				.0000
000032	00	780801PC0500285C28	M3NIT.NH3	4				.0000
000033	00	780801PC0500285C18	M2NIT.NH3	1				.0000
000034	00	780802PC0500285C18	MONIT.NH3	2				475.0000
000035	00	780802PC0500285C18	MONIT.NH3	3				74.0000
000036	00	780802PC0500285C18	MONIT.NH3	4				.0000
000037	00	780802PC0500285C18	MINIT.NH3	1				16192.0000
000038	00	780802PC0500285C18	M1NIT.NH3	2				6355.0000
000039	00	780802PC0500285C18	M1NIT.NH3	3				87.0000
000040	00	780802PC0500285C18	M1NIT.NH3	4				.0000
000041	00	780802PC0500285C18	M2NIT.NH3	1				18099.0000
000042	00	780802PC0500285C18	M2NIT.NH3	2				6216.0000
000043	00	780802PC0500285C18	M2NIT.NH3	3				.0000
000044	00	780802PC0500285C18	M2NIT.NH3	4				.0000
000045	00	780802PC0500285C18	M3NIT.NH3	1				1804.0000
000046	00	780802PC0500285C18	M3NIT.NH3	2				289.0000
000047	00	780802PC0500285C18	M3NIT.NH3	3				19.0000
000048	00	780802PC0500285C18	M3NIT.NH3	4				.0000
000049	00	780802PC0500285C28	MONIT.NH3	1				.0000
000050	00	780802PC0500285C28	MONIT.NH3	2				5701.0000
000051	00	780802PC0500285C28	MONIT.NH3	3				92.0000
000052	00	780802PC0500285C28	MONIT.NH3	4				.0000
000053	00	780802PC0500285C28	M1NIT.NH3	1				7817.0000
000054	00	780802PC0500285C28	M1NIT.NH3	2				.0000
000055	00	780802PC0500285C28	M1NIT.NH3	3				73.0000
000056	00	780802PC0500285C28	M1NIT.NH3	4				.0000
000057	00	780802PC0500285C28	M2NIT.NH3	1				15573.0000
000058	00	780802PC0500285C28	M2NIT.NH3	2				7500.0000
000059	00	780802PC0500285C28	M2NIT.NH3	3				399.0000
000060	00	780802PC0500285C28	M2NIT.NH3	4				.0000
000061	00	780802PC0500285C28	M3NIT.NH3	1				13659.0000
000062	00	780802PC0500285C28	M3NIT.NH3	2				7817.0000
000063	00	780802PC0500285C28	M3NIT.NH3	3				27.0000
000064	00	780802PC0500285C28	M3NIT.NH3	4				.0000
000065	00	780803PC0500285C18	MONIT.NH3	1				.0000
000066	00	780803PC0500285C18	MONIT.NH3	2				5973.0000
000067	00	780803PC0500285C18	MONIT.NH3	3				64.0000
000068	00	780803PC0500285C18	MONIT.NH3	4				.0000
000069	00	780803PC0500285C18	MINIT.NH3	1				1613.0000
000070	00	780803PC0500285C18	MINIT.NH3	2				4590.0000
000071	00	780803PC0500285C18	M1NIT.NH3	3				66.0000
000072	00	780803PC0500285C18	M1NIT.NH3	4				.0000
000073	00	780803PC0500285C18	M2NIT.NH3	1				17336.0000

000174	00	740803PC0500285C18	M2NIT.NH3	2	4556.0000
000175	00	740803PC0500285C18	M2NIT.NH3	3	8.0000
000176	00	740803PC0500285C18	M2NIT.NH3	4	0.0000
000177	00	740803PC0500285C18	M3NIT.NH3	1	17227.0000
000178	00	740803PC0500285C18	M3NIT.NH3	2	7114.0000
000179	00	740803PC0500285C18	M3NIT.NH3	4	36.0000
000180	00	740803PC0500285C18	M3NIT.NH3	7	0.0000
000181	00	740803PC0500285C22	M0NIT.NH3	1	0.0000
000182	00	740803PC0500285C22	M0NIT.NH3	2	4829.0000
000183	00	740803PC0500285C22	M0NIT.NH3	3	75.0000
000184	00	740803PC0500285C22	M0NIT.NH3	4	0.0000
000185	00	740803PC0500285C22	M1NIT.NH3	1	16845.0000
000186	00	740803PC0500285C22	M1NIT.NH3	2	6137.0000
000187	00	740803PC0500285C22	M1NIT.NH3	3	97.0000
000188	00	740803PC0500285C22	M1NIT.NH3	4	0.0000
000189	00	740803PC0500285C22	M2NIT.NH3	1	17717.0000
000190	00	740803PC0500285C22	M2NIT.NH3	2	6355.0000
000191	00	740803PC0500285C22	M2NIT.NH3	3	8.0000
000192	00	740803PC0500285C22	M2NIT.NH3	4	0.0000
000193	00	740803PC0500285C22	M3NIT.NH3	1	17608.0000
000194	00	740803PC0500285C22	M3NIT.NH3	2	7604.0000
000195	00	740803PC0500285C25	M3NIT.NH3	3	18.0000
000196	00	740803PC0500285C25	M3NIT.NH3	4	0.0000
000197	00	740804PC0500285C18	M0NIT.NH3	1	0.0000
000198	00	740804PC0500285C18	M0NIT.NH3	2	4775.0000
000199	00	740804PC0500285C18	M0NIT.NH3	3	39.0000
000200	00	740804PC0500285C18	M0NIT.NH3	4	0.0000
000201	00	740804PC0500285C18	M1NIT.NH3	1	14934.0000
000202	00	740804PC0500285C18	M1NIT.NH3	2	6624.0000
000203	00	740804PC0500285C18	M1NIT.NH3	3	20.0000
000204	00	740804PC0500285C18	M1NIT.NH3	4	0.0000
000205	00	740804PC0500285C18	M2NIT.NH3	1	17009.0000
000206	00	740804PC0500285C18	M2NIT.NH3	2	6355.0000
000207	00	740804PC0500285C18	M2NIT.NH3	3	39.0000
000208	00	740804PC0500285C18	M2NIT.NH3	4	0.0000
000209	00	740804PC0500285C18	M3NIT.NH3	1	21205.0000
000210	00	740804PC0500285C18	M3NIT.NH3	2	874.0000
000211	00	740804PC0500285C18	M3NIT.NH3	3	24.0000
000212	00	740804PC0500285C18	M3NIT.NH3	4	0.0000
000213	00	740804PC0500285C22	M0NIT.NH3	1	0.0000
000214	00	740804PC0500285C22	M0NIT.NH3	2	5211.0000
000215	00	740804PC0500285C22	M0NIT.NH3	3	29.0000
000216	00	740804PC0500285C22	M0NIT.NH3	4	0.0000
000217	00	740804PC0500285C22	M1NIT.NH3	1	16628.0000
000218	00	740804PC0500285C22	M1NIT.NH3	2	5265.0000
000219	00	740804PC0500285C22	M1NIT.NH3	3	56.0000
000220	00	740804PC0500285C22	M1NIT.NH3	4	0.0000
000221	00	740804PC0500285C22	M2NIT.NH3	1	14127.0000
000222	00	740804PC0500285C22	M2NIT.NH3	2	5592.0000
000223	00	740804PC0500285C22	M2NIT.NH3	3	36.0000
000224	00	740804PC0500285C22	M2NIT.NH3	4	0.0000
000225	00	740804PC0500285C22	M3NIT.NH3	1	72240.0000
000226	00	740804PC0500285C22	M3NIT.NH3	2	1427.0000
000227	00	740804PC0500285C22	M3NIT.NH3	3	22.0000
000228	00	740804PC0500285C22	M3NIT.NH3	4	0.0000
000229	00	740821CC0500285C18	M0NIT.NH3	1	0.0000
000230	00	740821CC0500285C18	M0NIT.NH3	2	5221.0000
000231	00	740821CC0500285C18	M0NIT.NH3	3	46.0000
000232	00	740821CC0500285C18	M0NIT.NH3	4	0.0000
000233	00	740821CC0500285C18	M1NIT.NH3	1	18099.0000
000234	00	740821CC0500285C18	M1NIT.NH3	2	6244.0000
000235	00	740821CC0500285C18	M1NIT.NH3	3	23.0000
000236	00	740821CC0500285C18	M1NIT.NH3	4	0.0000
000237	00	740821CC0500285C18	M2NIT.NH3	1	17608.0000
000238	00	740821CC0500285C18	M2NIT.NH3	2	7172.0000
000239	00	740821CC0500285C18	M2NIT.NH3	3	82.0000
000240	00	740821CC0500285C18	M2NIT.NH3	4	0.0000
000241	00	740821CC0500285C18	M3NIT.NH3	1	16682.0000
000242	00	740821CC0500285C18	M3NIT.NH3	2	6137.0000
000243	00	740821CC0500285C18	M3NIT.NH3	3	87.0000
000244	00	740821CC0500285C18	M3NIT.NH3	4	0.0000
000245	00	740821CC0500285C23	M0NIT.NH3	1	0.0000
000246	00	740821CC0500285C23	M0NIT.NH3	2	6355.0000
000247	00	740821CC0500285C23	M0NIT.NH3	3	87.0000
000248	00	740821CC0500285C23	M0NIT.NH3	4	0.0000
000249	00	740821CC0500285C23	M1NIT.NH3	1	18262.0000
000250	00	740821CC0500285C23	M1NIT.NH3	2	6244.0000
000251	00	740821CC0500285C23	M1NIT.NH3	3	28.0000

000152	00	780821CC0500285C2B.M1NIT.NH3	4		.0000
000153	00	780821CC0500285C2B.M2NIT.NH3	1	17064.0000	
000154	00	780821CC0500285C2B.M2NIT.NH3	2	7772.0000	
000155	00	780821CC0500285C2B.M2NIT.NH3	3	.0000	
000156	00	780821CC0500285C2B.M2NIT.NH3	4	.0000	
000157	00	780821CC0500285C2B.M3NIT.NH3	1	17554.0000	
000158	00	780821CC0500285C2B.M3NIT.NH3	2	7118.0000	
000159	00	780821CC0500285C2B.M3NIT.NH3	3	8.0000	
000160	00	780822CC0500285C18.M1NIT.NH3	4	.0000	
000161	00	780822CC0500285C18.M1NIT.NH3	1	.0000	
000162	00	780822CC0500285C18.M1NIT.NH3	2	5766.0000	
000163	00	780822CC0500285C18.M1NIT.NH3	3	37.0000	
000164	00	780822CC0500285C18.M1NIT.NH3	4	.0000	
000165	00	780822CC0500285C18.M1NIT.NH3	1	18444.0000	
000166	00	780822CC0500285C18.M1NIT.NH3	2	7281.0000	
000167	00	780822CC0500285C18.M1NIT.NH3	3	63.0000	
000168	00	780822CC0500285C18.M1NIT.NH3	4	.0000	
000169	00	780822CC0500285C18.M2NIT.NH3	1	18099.0000	
000170	00	780822CC0500285C18.M2NIT.NH3	1	6244.0000	
000171	00	780822CC0500285C18.M2NIT.NH3	3	48.0000	
000172	00	780822CC0500285C18.M2NIT.NH3	4	.0000	
000173	00	780822CC0500285C18.M3NIT.NH3	1	17548.0000	
000174	00	780822CC0500285C18.M3NIT.NH3	2	9243.0000	
000175	00	780822CC0500285C18.M3NIT.NH3	3	25.0000	
000176	00	780822CC0500285C18.M3NIT.NH3	4	.0000	
000177	00	780822CC0500285C2B.M1NIT.NH3	1	.0000	
000178	00	780822CC0500285C2B.M1NIT.NH3	2	7000.0000	
000179	00	780822CC0500285C2B.M1NIT.NH3	3	92.0000	
000180	00	780822CC0500285C2B.M1NIT.NH3	4	.0000	
000181	00	780822CC0500285C2B.M1NIT.NH3	1	7713.0000	
000182	00	780822CC0500285C2B.M1NIT.NH3	2	7508.0000	
000183	00	780822CC0500285C2B.M1NIT.NH3	3	71.0000	
000184	00	780822CC0500285C2B.M1NIT.NH3	4	.0000	
000185	00	780822CC0500285C2B.M2NIT.NH3	1	17500.0000	
000186	00	780822CC0500285C2B.M2NIT.NH3	2	6192.0000	
000187	00	780822CC0500285C2B.M2NIT.NH3	3	78.0000	
000188	00	780822CC0500285C2B.M2NIT.NH3	4	.0000	
000189	00	780822CC0500285C2B.M3NIT.NH3	1	49187.0000	
000190	00	780822CC0500285C2B.M3NIT.NH3	2	47.0000	
000191	00	780822CC0500285C2B.M3NIT.NH3	3	89.0000	
000192	00	780823CC0500285C18.M1NIT.NH3	4	.0000	
000193	00	780823CC0500285C18.M1NIT.NH3	1	.0000	
000194	00	780823CC0500285C18.M3NIT.NH3	2	6464.0000	
000195	00	780823CC0500285C18.M3NIT.NH3	3	55.0000	
000196	00	780823CC0500285C18.M3NIT.NH3	4	.0000	
000197	00	780823CC0500285C18.M1NIT.NH3	1	18099.0000	
000198	00	780823CC0500285C18.M1NIT.NH3	2	5211.0000	
000199	00	780823CC0500285C18.M1NIT.NH3	3	44.0000	
000200	00	780823CC0500285C18.M1NIT.NH3	4	.0000	
000201	00	780823CC0500285C18.M2NIT.NH3	1	18099.0000	
000202	00	780823CC0500285C18.M2NIT.NH3	2	7118.0000	
000203	00	780823CC0500285C18.M2NIT.NH3	3	.0000	
000204	00	780823CC0500285C18.M2NIT.NH3	4	.0000	
000205	00	780823CC0500285C18.M3NIT.NH3	1	17227.0000	
000206	00	780823CC0500285C18.M3NIT.NH3	2	5781.0000	
000207	00	780823CC0500285C18.M3NIT.NH3	3	18.0000	
000208	00	780823CC0500285C18.M3NIT.NH3	4	.0000	
000209	00	780823CC0500285C2B.M1NIT.NH3	1	.0000	
000210	00	780823CC0500285C2B.M1NIT.NH3	2	5647.0000	
000211	00	780823CC0500285C2B.M1NIT.NH3	3	20.0000	
000212	00	780823CC0500285C2B.M1NIT.NH3	4	.0000	
000213	00	780823CC0500285C2B.M1NIT.NH3	1	15864.0000	
000214	00	780823CC0500285C2B.M1NIT.NH3	2	7334.0000	
000215	00	780823CC0500285C2B.M1NIT.NH3	3	37.0000	
000216	00	780823CC0500285C2B.M1NIT.NH3	4	.0000	
000217	00	780823CC0500285C2B.M2NIT.NH3	1	16518.0000	
000218	00	780823CC0500285C2B.M2NIT.NH3	2	7334.0000	
000219	00	780823CC0500285C2B.M2NIT.NH3	3	44.0000	
000220	00	780823CC0500285C2B.M2NIT.NH3	4	.0000	
000221	00	780823CC0500285C2B.M3NIT.NH3	1	18644.0000	
000222	00	780823CC0500285C2B.M3NIT.NH3	2	7608.0000	
000223	00	780823CC0500285C2B.M3NIT.NH3	3	54.0000	
000224	00	780823CC0500285C2B.M3NIT.NH3	4	.0000	
000225	00	780824CC0500285C18.M1NIT.NH3	1	.0000	
000226	00	780824CC0500285C18.M1NIT.NH3	2	6954.0000	
000227	00	780824CC0500285C18.M1NIT.NH3	3	47.0000	
000228	00	780824CC0500285C18.M1NIT.NH3	4	.0000	
000229	00	780824CC0500285C18.M1NIT.NH3	1	18589.0000	

000230	00	780824CC0500285C1B.M1NIT.NH3	2	8480.0000
000231	00	780824CC0500285C1B.M1NIT.NH3	3	44.0000
000232	00	780824CC0500285C1B.M1NIT.NH3	4	.0000
000233	00	780824CC0500285C1B.M2NIT.NH3	1	15973.0000
000234	00	780824CC0500285C1B.M2NIT.NH3	2	7500.0000
000235	00	780824CC0500285C1B.M2NIT.NH3	3	91.0000
000236	00	780824CC0500285C1B.M2NIT.NH3	4	.0000
000237	00	780824CC0500285C1B.M3NIT.NH3	1	20660.0000
000238	00	780824CC0500285C1B.M3NIT.NH3	2	8753.0000
000239	00	780824CC0500285C1B.M3NIT.NH3	3	25.0000
000240	00	780824CC0500285C1B.M3NIT.NH3	4	.0000
000241	00	780824CC0500285C2B.M0NIT.NH3	1	.0000
000242	00	780824CC0500285C2B.M0NIT.NH3	2	6246.0000
000243	00	780824CC0500285C2B.M0NIT.NH3	3	99.0000
000244	00	780824CC0500285C2B.M0NIT.NH3	4	.0000
000245	00	780824CC0500285C2B.M1NIT.NH3	1	19679.0000
000246	00	780824CC0500285C2B.M1NIT.NH3	2	7608.0000
000247	00	780824CC0500285C2B.M1NIT.NH3	3	16.0000
000248	00	780824CC0500285C2B.M1NIT.NH3	4	.0000
000249	00	780824CC0500285C2B.M2NIT.NH3	1	17227.0000
000250	00	780824CC0500285C2B.M2NIT.NH3	2	6137.0000
000251	00	780824CC0500285C2B.M2NIT.NH3	3	89.0000
000252	00	780824CC0500285C2B.M2NIT.NH3	4	.0000
000253	00	780824CC0500285C2B.M3NIT.NH3	1	19243.0000
000254	00	780824CC0500285C2B.M3NIT.NH3	2	9136.0000
000255	00	780824CC0500285C2B.M3NIT.NH3	3	52.0000
000256	00	780824CC0500285C2B.M3NIT.NH3	4	.0000
000257	00	780801PC0500285C1B.M0NIT.N02	1	.0000
000258	00	780801PC0500285C1B.M0NIT.N02	2	.0000
000259	00	780801PC0500285C1B.M0NIT.N02	3	.0000
000260	00	780801PC0500285C1B.M0NIT.N02	4	.0000
000261	00	780801PC0500285C1B.M1NIT.N02	1	.0000
000262	00	780801PC0500285C1B.M1NIT.N02	2	.0000
000263	00	780801PC0500285C1B.M1NIT.N02	3	.0000
000264	00	780801PC0500285C1B.M1NIT.N02	4	.0000
000265	00	780801PC0500285C1B.M2NIT.N02	1	.0000
000266	00	780801PC0500285C1B.M2NIT.N02	2	.0000
000267	00	780801PC0500285C1B.M2NIT.N02	3	.0000
000268	00	780801PC0500285C1B.M2NIT.N02	4	.0000
000269	00	780801PC0500285C1B.M3NIT.N02	1	.0000
000270	00	780801PC0500285C1B.M3NIT.N02	2	.0000
000271	00	780801PC0500285C1B.M3NIT.N02	3	.0000
000272	00	780801PC0500285C1B.M3NIT.N02	4	.0000
000273	00	780801PC0500285C2B.M0NIT.N02	1	.0000
000274	00	780801PC0500285C2B.M0NIT.N02	2	.0000
000275	00	780801PC0500285C2B.M0NIT.N02	3	.0000
000276	00	780801PC0500285C2B.M0NIT.N02	4	.0000
000277	00	780801PC0500285C2B.M1NIT.N02	1	.0000
000278	00	780801PC0500285C2B.M1NIT.N02	2	.0000
000279	00	780801PC0500285C2B.M1NIT.N02	3	.0000
000280	00	780801PC0500285C2B.M1NIT.N02	4	.0000
000281	00	780801PC0500285C2B.M2NIT.N02	1	.0000
000282	00	780801PC0500285C2B.M2NIT.N02	2	.0000
000283	00	780801PC0500285C2B.M2NIT.N02	3	.0000
000284	00	780801PC0500285C2B.M2NIT.N02	4	.0000
000285	00	780801PC0500285C2B.M3NIT.N02	1	.0000
000286	00	780801PC0500285C2B.M3NIT.N02	2	.0000
000287	00	780801PC0500285C2B.M3NIT.N02	3	.0000
000288	00	780801PC0500285C2B.M3NIT.N02	4	.0000
000289	00	780802PC0500285C1B.M0NIT.N02	1	.0000
000290	00	780802PC0500285C1B.M0NIT.N02	2	.0000
000291	00	780802PC0500285C1B.M0NIT.N02	3	.0000
000292	00	780802PC0500285C1B.M0NIT.N02	4	.0000
000293	00	780802PC0500285C1B.M1NIT.N02	1	.0000
000294	00	780802PC0500285C1B.M1NIT.N02	2	.0000
000295	00	780802PC0500285C1B.M1NIT.N02	3	.0000
000296	00	780802PC0500285C1B.M1NIT.N02	4	.0000
000297	00	780802PC0500285C1B.M2NIT.N02	1	.0000
000298	00	780802PC0500285C1B.M2NIT.N02	2	.0000
000299	00	780802PC0500285C1B.M2NIT.N02	3	.0000
000300	00	780802PC0500285C1B.M2NIT.N02	4	.0000
000301	00	780802PC0500285C1B.M3NIT.N02	1	.0000
000302	00	780802PC0500285C1B.M3NIT.N02	2	.0000
000303	00	780802PC0500285C1B.M3NIT.N02	3	.0000
000304	00	780802PC0500285C1B.M3NIT.N02	4	.0000
000305	00	780802PC0500285C2B.M0NIT.N02	1	.0000
000306	00	780802PC0500285C2B.M0NIT.N02	2	.0000
000307	00	780802PC0500285C2B.M0NIT.N02	3	.0000





000386	00	780821CC0500285C16	M0NIT.N02	2	.0300
000387	00	780821CC0500285C18	M0NIT.N02	3	.0300
000388	00	780821CC0500285C18	M0NIT.N02	4	.0300
000389	00	780821CC0500285C18	M1NIT.N02	1	.8700
000390	00	780821CC0500285C18	M1NIT.N02	2	.8700
000391	00	780821CC0500285C18	M1NIT.N02	3	.0300
000392	00	780821CC0500285C18	M1NIT.N02	4	.0300
000393	00	780821CC0500285C18	M2NIT.N02	1	.0300
000394	00	780821CC0500285C18	M2NIT.N02	2	.0300
000395	00	780821CC0500285C18	M2NIT.N02	3	.8700
000396	00	780821CC0500285C18	M2NIT.N02	4	.0300
000397	00	780821CC0500285C18	M3NIT.N02	1	.0300
000398	00	780821CC0500285C18	M3NIT.N02	2	.0300
000399	00	780821CC0500285C18	M3NIT.N02	3	.0300
000400	00	780821CC0500285C18	M3NIT.N02	4	.0300
000401	00	780821CC0500285C23	M0NIT.N02	1	.0300
000402	00	780821CC0500285C23	M0NIT.N02	2	.0300
000403	00	780821CC0500285C23	M0NIT.N02	3	.0300
000404	00	780821CC0500285C23	M0NIT.N02	4	.0300
000405	00	780821CC0500285C28	M1NIT.N02	1	.0300
000406	00	780821CC0500285C28	M1NIT.N02	2	.8700
000407	00	780821CC0500285C28	M1NIT.N02	3	.0300
000408	00	780821CC0500285C28	M1NIT.N02	4	.8700
000409	00	780821CC0500285C28	M2NIT.N02	1	.0300
000410	00	780821CC0500285C28	M2NIT.N02	2	.0300
000411	00	780821CC0500285C28	M2NIT.N02	3	.8700
000412	00	780821CC0500285C28	M2NIT.N02	4	.0300
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000414	00	780821CC0500285C28	M3NIT.N02	2	.8700
000415	00	780821CC0500285C28	M3NIT.N02	3	.0300
000416	00	780821CC0500285C28	M3NIT.N02	4	.0300
000417	00	780822CC0500285C18	M0NIT.N02	1	.0000
000418	00	780822CC0500285C18	M0NIT.N02	2	.0300
000419	00	780822CC0500285C18	M0NIT.N02	3	.0300
000420	00	780822CC0500285C18	M0NIT.N02	4	.0300
000421	00	780822CC0500285C18	M1NIT.N02	1	.0300
000422	00	780822CC0500285C18	M1NIT.N02	2	.8700
000423	00	780822CC0500285C18	M1NIT.N02	3	.0300
000424	00	780822CC0500285C18	M1NIT.N02	4	.0300
000425	00	780822CC0500285C18	M2NIT.N02	1	.0300
000426	00	780822CC0500285C18	M2NIT.N02	2	.8700
000427	00	780822CC0500285C18	M2NIT.N02	3	.0300
000428	00	780822CC0500285C18	M2NIT.N02	4	.0300
000429	00	780822CC0500285C18	M3NIT.N02	1	.0300
000430	00	780822CC0500285C18	M3NIT.N02	2	.8700
000431	00	780822CC0500285C18	M3NIT.N02	3	.0300
000432	00	780822CC0500285C18	M3NIT.N02	4	.0300
000433	00	780822CC0500285C28	M0NIT.N02	1	.0000
000434	00	780822CC0500285C28	M0NIT.N02	2	.0300
000435	00	780822CC0500285C28	M0NIT.N02	3	.0300
000436	00	780822CC0500285C28	M0NIT.N02	4	.8700
000437	00	780822CC0500285C28	M1NIT.N02	1	.0300
000438	00	780822CC0500285C28	M1NIT.N02	2	.0300
000439	00	780822CC0500285C28	M1NIT.N02	3	.0300
000440	00	780822CC0500285C28	M1NIT.N02	4	.0300
000441	00	780822CC0500285C28	M2NIT.N02	1	.0300
000442	00	780822CC0500285C28	M2NIT.N02	2	.8700
000443	00	780822CC0500285C28	M2NIT.N02	3	.0300
000444	00	780822CC0500285C28	M2NIT.N02	4	.0300
000445	00	780822CC0500285C28	M3NIT.N02	1	.0300
000446	00	780822CC0500285C28	M3NIT.N02	2	.0300
000447	00	780822CC0500285C28	M3NIT.N02	3	.0300
000448	00	780822CC0500285C28	M3NIT.N02	4	.0300
000449	00	780823CC0500285C18	M0NIT.N02	1	.0000
000450	00	780823CC0500285C18	M0NIT.N02	2	.8700
000451	00	780823CC0500285C18	M0NIT.N02	3	.0300
000452	00	780823CC0500285C18	M0NIT.N02	4	.0300
000453	00	780823CC0500285C18	M1NIT.N02	1	.0300
000454	00	780823CC0500285C18	M1NIT.N02	2	.8700
000455	00	780823CC0500285C18	M1NIT.N02	3	.0300
000456	00	780823CC0500285C18	M1NIT.N02	4	.0300
000457	00	780823CC0500285C18	M2NIT.N02	1	.0300
000458	00	780823CC0500285C18	M2NIT.N02	2	.8700
000459	00	780823CC0500285C18	M2NIT.N02	3	.0300
000460	00	780823CC0500285C18	M2NIT.N02	4	.0300
000461	00	780823CC0500285C18	M3NIT.N02	1	.0300
000462	00	780823CC0500285C18	M3NIT.N02	2	.8700
000463	00	780823CC0500285C18	M3NIT.N02	3	.0300

000464	00	780823CC05002E5C1F	.M3NIT.NO2	4	.0300
000465	00	780823CC05002E5C25	.M0NIT.NO2	1	.0000
000466	00	780823CC05002E5C29	.M0NIT.NO2	2	.0700
000467	00	780823CC05002E5C2B	.M0NIT.NO2	3	.0700
000468	00	780823CC05002E5C2B	.M0NIT.NO2	4	.0700
000469	00	780823CC05002E5C2B	.M1NIT.NO2	1	.0700
000470	00	780823CC05002E5C2B	.M1NIT.NO2	2	.0700
000471	00	780823CC05002E5C2B	.M1NIT.NO2	3	.0300
000472	00	780823CC05002E5C2B	.M1NIT.NO2	4	.0300
000473	00	780823CC05002E5C25	.M2NIT.NO2	1	.0700
000474	00	780823CC05002E5C25	.M2NIT.NO2	2	.0700
000475	00	780823CC05002E5C2B	.M2NIT.NO2	3	.0700
000476	00	780823CC05002E5C2B	.M2NIT.NO2	4	.0300
000477	00	780823CC05002E5C2B	.M3NIT.NO2	1	.0300
000478	00	780823CC05002E5C2B	.M3NIT.NO2	2	.0300
000479	00	780823CC05002E5C2B	.M3NIT.NO2	3	.0300
000480	00	780823CC05002E5C2B	.M3NIT.NO2	4	.0300
000481	00	780824CC05002E5C1B	.M0NIT.NO2	1	.0000
000482	00	780824CC05002E5C1B	.M0NIT.NO2	2	.0300
000483	00	780824CC05002E5C1B	.M0NIT.NO2	3	.0300
000484	00	780824CC05002E5C1B	.M0NIT.NO2	4	.0700
000485	00	780824CC05002E5C1B	.M1NIT.NO2	1	.0700
000486	00	780824CC05002E5C1B	.M1NIT.NO2	2	.0700
000487	00	780824CC05002E5C1E	.M1NIT.NO2	3	.0300
000488	00	780824CC05002E5C1E	.M1NIT.NO2	4	.0700
000489	00	780824CC05002E5C1B	.M2NIT.NO2	1	.0700
000490	00	780824CC05002E5C1B	.M2NIT.NO2	2	.0700
000491	00	780824CC05002E5C1B	.M2NIT.NO2	3	.0700
000492	00	780824CC05002E5C1B	.M2NIT.NO2	4	.0700
000493	00	780824CC05002E5C1B	.M3NIT.NO2	1	.0300
000494	00	780824CC05002E5C1B	.M3NIT.NO2	2	.0700
000495	00	780824CC05002E5C1E	.M3NIT.NO2	3	.0700
000496	00	780824CC05002E5C1E	.M3NIT.NO2	4	.0700
000497	00	780824CC05002E5C2E	.M0NIT.NO2	1	.0000
000498	00	780824CC05002E5C2E	.M0NIT.NO2	2	.0300
000499	00	780824CC05002E5C2B	.M0NIT.NO2	3	.0300
000500	00	780824CC05002E5C2B	.M0NIT.NO2	4	.0300
000501	00	780824CC05002E5C2B	.M1NIT.NO2	1	.0300
000502	00	780824CC05002E5C2B	.M1NIT.NO2	2	.0300
000503	00	780824CC05002E5C2B	.M1NIT.NO2	3	.0300
000504	00	780824CC05002E5C2E	.M1NIT.NO2	4	.0300
000505	00	780824CC05002E5C2E	.M2NIT.NO2	1	.0300
000506	00	780824CC05002E5C2E	.M2NIT.NO2	2	.0300
000507	00	780824CC05002E5C2B	.M2NIT.NO2	3	.0300
000508	00	780824CC05002E5C2B	.M2NIT.NO2	4	.0300
000509	00	780824CC05002E5C2B	.M3NIT.NO2	1	.0300
000510	00	780824CC05002E5C2B	.M3NIT.NO2	2	.0300
000511	00	780824CC05002E5C2B	.M3NIT.NO2	3	.0300
000512	00	780824CC05002E5C2E	.M3NIT.NO2	4	.0700
000513	00	780801PC05002E5C1E	.M0NIT.N03	1	.0000
000514	00	780801PC05002E5C1B	.M0NIT.N03	2	17.7500
000515	00	780801PC05002E5C1B	.M0NIT.N03	3	19.3900
000516	00	780801PC05002E5C1B	.M0NIT.N03	4	.0700
000517	00	780801PC05002E5C1B	.M1NIT.N03	1	8.4700
000518	00	780801PC05002E5C1B	.M1NIT.N03	2	8.8700
000519	00	780801PC05002E5C1B	.M1NIT.N03	3	8.8700
000520	00	780801PC05002E5C1B	.M1NIT.N03	4	.2200
000521	00	780801PC05002E5C1B	.M2NIT.N03	1	17.7500
000522	00	780801PC05002E5C1B	.M2NIT.N03	2	17.7500
000523	00	780801PC05002E5C1B	.M2NIT.N03	3	8.4700
000524	00	780801PC05002E5C1B	.M2NIT.N03	4	.0000
000525	00	780801PC05002E5C1E	.M1NIT.N03	1	8.4700
000526	00	780801PC05002E5C1B	.M1NIT.N03	2	17.4100
000527	00	780801PC05002E5C1E	.M3NIT.N03	3	20.2200
000528	00	780801PC05002E5C1E	.M3NIT.N03	4	.3100
000529	00	780801PC05002E5C2J	.M0NIT.N03	1	.0000
000530	00	780801PC05002E5C2E	.M0NIT.N03	2	21.0300
000531	00	780801PC05002E5C2B	.M0NIT.N03	3	20.2200
000532	00	780801PC05002E5C2B	.M1NIT.N03	4	.0300
000533	00	780801PC05002E5C2B	.M1NIT.N03	1	19.3900
000534	00	780801PC05002E5C2B	.M1NIT.N03	2	20.2200
000535	00	780801PC05002E5C2B	.M1NIT.N03	3	22.6700
000536	00	780801PC05002E5C2E	.M1NIT.N03	4	.2200
000537	00	780801PC05002E5C2B	.M2NIT.N03	1	17.7500
000538	00	780801PC05002E5C2B	.M2NIT.N03	2	19.3900
000539	00	780801PC05002E5C2B	.M2NIT.N03	3	8.4700
000540	00	780801PC05002E5C2B	.M2NIT.N03	4	.7500
000541	00	780801PC05002E5C2E	.M3NIT.N03	1	20.2200

000542	00	780801PC0500285C28.M3NIT.NO3	2	27.6700
000543	00	780801PC0500285C28.M3NIT.NO3	3	27.5900
000544	00	780801PC0500285C28.M3NIT.NO3	4	8.7000
000545	00	780802PC0500285C18.M0NIT.NO3	1	.0000
000546	00	780802PC0500285C18.M2NIT.NO3	2	17.7500
000547	00	780802PC0500285C18.M0NIT.NO3	3	17.7500
000548	00	780802PC0500285C18.M0NIT.NO3	4	.4800
000549	00	780802PC0500285C18.M1NIT.NO3	1	8.4700
000550	00	780802PC0500285C18.M1NIT.NO3	2	8.4700
000551	00	780802PC0500285C18.M1NIT.NO3	3	8.4700
000552	00	780802PC0500285C18.M1NIT.NO3	4	.4700
000553	00	780802PC0500285C18.M2NIT.NO3	1	19.3900
000554	00	780802PC0500285C18.M2NIT.NO3	2	27.4200
000555	00	780802PC0500285C18.M2NIT.NO3	3	26.2200
000556	00	780802PC0500285C18.M2NIT.NO3	4	.0300
000557	00	780802PC0500285C18.M3NIT.NO3	1	21.0300
000558	00	780802PC0500285C18.M3NIT.NO3	2	17.7500
000559	00	780802PC0500285C18.M3NIT.NO3	3	17.7500
000560	00	780802PC0500285C18.M3NIT.NO3	4	.5800
000561	00	780802PC0500285C28.M0NIT.NO3	1	.7000
000562	00	780802PC0500285C28.M0NIT.NO3	2	21.0300
000563	00	780802PC0500285C28.M0NIT.NO3	3	20.2200
000564	00	780802PC0500285C28.M0NIT.NO3	4	.2200
000565	00	780802PC0500285C28.M1NIT.NO3	1	8.4700
000566	00	780802PC0500285C28.M1NIT.NO3	2	8.4700
000567	00	780802PC0500285C28.M1NIT.NO3	3	17.7500
000568	00	780802PC0500285C28.M1NIT.NO3	4	.8700
000569	00	780802PC0500285C28.M2NIT.NO3	1	19.3900
000570	00	780802PC0500285C28.M2NIT.NO3	2	20.2200
000571	00	780802PC0500285C28.M2NIT.NO3	3	25.9500
000572	00	780802PC0500285C28.M2NIT.NO3	4	.2200
000573	00	780802PC0500285C28.M3NIT.NO3	1	20.2200
000574	00	780802PC0500285C28.M3NIT.NO3	2	20.2200
000575	00	780802PC0500285C28.M3NIT.NO3	3	22.6700
000576	00	780802PC0500285C28.M3NIT.NO3	4	.4000
000577	00	780803PC0500285C18.M0NIT.NO3	1	.0000
000578	00	780803PC0500285C18.M0NIT.NO3	2	19.3900
000579	00	780803PC0500285C18.M0NIT.NO3	3	19.3900
000580	00	780803PC0500285C18.M0NIT.NO3	4	.3900
000581	00	780803PC0500285C18.M1NIT.NO3	1	17.7500
000582	00	780803PC0500285C18.M1NIT.NO3	2	17.7500
000583	00	780803PC0500285C18.M1NIT.NO3	3	17.7500
000584	00	780803PC0500285C18.M1NIT.NO3	4	.8700
000585	00	780803PC0500285C18.M2NIT.NO3	1	20.2200
000586	00	780803PC0500285C18.M2NIT.NO3	2	21.0300
000587	00	780803PC0500285C18.M2NIT.NO3	3	21.0300
000588	00	780803PC0500285C18.M2NIT.NO3	4	2.2000
000589	00	780803PC0500285C18.M3NIT.NO3	1	17.7500
000590	00	780803PC0500285C18.M3NIT.NO3	2	17.7500
000591	00	780803PC0500285C18.M3NIT.NO3	3	21.0300
000592	00	780803PC0500285C18.M3NIT.NO3	4	.8700
000593	00	780803PC0500285C28.M0NIT.NO3	1	.0000
000594	00	780803PC0500285C28.M0NIT.NO3	2	20.2200
000595	00	780803PC0500285C28.M0NIT.NO3	3	20.2200
000596	00	780803PC0500285C28.M0NIT.NO3	4	.4700
000597	00	780803PC0500285C28.M1NIT.NO3	1	8.4700
000598	00	780803PC0500285C28.M1NIT.NO3	2	8.4700
000599	00	780803PC0500285C28.M1NIT.NO3	3	8.4700
000600	00	780803PC0500285C28.M1NIT.NO3	4	.8700
000601	00	780803PC0500285C28.M2NIT.NO3	1	8.4700
000602	00	780803PC0500285C28.M2NIT.NO3	2	8.4700
000603	00	780803PC0500285C28.M2NIT.NO3	3	17.7500
000604	00	780803PC0500285C28.M2NIT.NO3	4	.4700
000605	00	780803PC0500285C28.M3NIT.NO3	1	25.9500
000606	00	780803PC0500285C28.M3NIT.NO3	2	8.4700
000607	00	780803PC0500285C28.M3NIT.NO3	3	21.0300
000608	00	780803PC0500285C28.M3NIT.NO3	4	.6700
000609	00	780804PC0500285C18.M0NIT.NO3	1	.0000
000610	00	780804PC0500285C18.M0NIT.NO3	2	18.5900
000611	00	780804PC0500285C18.M0NIT.NO3	3	8.4700
000612	00	780804PC0500285C18.M0NIT.NO3	4	.5800
000613	00	780804PC0500285C18.M1NIT.NO3	1	8.4700
000614	00	780804PC0500285C18.M1NIT.NO3	2	8.4700
000615	00	780804PC0500285C18.M1NIT.NO3	3	18.5800
000616	00	780804PC0500285C18.M1NIT.NO3	4	.8700
000617	00	780804PC0500285C18.M2NIT.NO3	1	8.4700
000618	00	780804PC0500285C18.M2NIT.NO3	2	8.4700
000619	00	780804PC0500285C18.M2NIT.NO3	3	8.4700

000620	00	780804PC0500285C18	M2NIT.N03	4	8.4700
000621	00	780804PC0500285C18	M3NIT.N03	4	17.7500
000622	00	780804PC0500285C18	M3NIT.N03	3	21.3300
000627	00	780804PC0500285C18	M3NIT.N03	4	17.7500
000628	00	780804PC0500285C18	M3NIT.N03	4	.5900
000629	00	780804PC0500285C28	M0NIT.N03	1	.0000
000626	00	780804PC0500285C28	M0NIT.N03	2	20.2200
000627	00	780804PC0500285C28	M0NIT.N03	3	19.3900
000628	00	780804PC0500285C28	M0NIT.N03	4	.6700
000629	00	780804PC0500285C28	M1NIT.N03	1	8.4700
000630	00	780804PC0500285C28	M1NIT.N03	2	17.7500
000631	00	780804PC0500285C28	M1NIT.N03	3	8.4700
000632	00	780804PC0500285C28	M1NIT.N03	4	8.4700
000633	00	780804PC0500285C28	M2NIT.N03	1	8.4700
000634	00	780804PC0500285C28	M2NIT.N03	2	8.4700
000635	00	780804PC0500285C28	M2NIT.N03	3	8.4700
000636	00	780804PC0500285C28	M2NIT.N03	4	.4700
000637	00	780804PC0500285C28	M3NIT.N03	1	22.6700
000638	00	780804PC0500285C28	M3NIT.N03	2	22.6700
000639	00	780804PC0500285C28	M3NIT.N03	3	20.2200
000640	00	780804PC0500285C28	M3NIT.N03	4	.9500
000641	00	780821CC0500285C18	M0NIT.N03	1	.3000
000642	00	780821CC0500285C18	M0NIT.N03	2	21.3400
000643	00	780821CC0500285C18	M0NIT.N03	3	22.6700
000644	00	780821CC0500285C18	M0NIT.N03	4	.5900
000645	00	780821CC0500285C18	M1NIT.N03	1	17.7500
000646	00	780821CC0500285C18	M1NIT.N03	2	8.4700
000647	00	780821CC0500285C18	M1NIT.N03	3	17.7500
000648	00	780821CC0500285C18	M1NIT.N03	4	.8700
000649	00	780821CC0500285C18	M2NIT.N03	1	21.3300
000650	00	780821CC0500285C18	M2NIT.N03	2	24.5100
000651	00	780821CC0500285C18	M2NIT.N03	3	24.5100
000652	00	780821CC0500285C18	M2NIT.N03	4	.9500
000653	00	780821CC0500285C18	M3NIT.N03	1	8.4700
000654	00	780821CC0500285C18	M3NIT.N03	2	17.7500
000655	00	780821CC0500285C18	M3NIT.N03	3	8.4700
000656	00	780821CC0500285C18	M3NIT.N03	4	.3900
000657	00	780821CC0500285C28	M0NIT.N03	1	.0000
000658	00	780821CC0500285C28	M0NIT.N03	2	18.6000
000659	00	780821CC0500285C28	M0NIT.N03	3	18.6000
000660	00	780821CC0500285C28	M0NIT.N03	4	.3900
000661	00	780821CC0500285C28	M1NIT.N03	1	8.4700
000662	00	780821CC0500285C28	M1NIT.N03	2	8.4700
000663	00	780821CC0500285C28	M1NIT.N03	3	9.8700
000664	00	780821CC0500285C28	M1NIT.N03	4	9.7500
000665	00	780821CC0500285C28	M2NIT.N03	1	8.4700
000666	00	780821CC0500285C28	M2NIT.N03	2	8.4700
000667	00	780821CC0500285C28	M2NIT.N03	3	8.4700
000668	00	780821CC0500285C28	M2NIT.N03	4	8.4700
000669	00	780821CC0500285C28	M3NIT.N03	1	27.5900
000670	00	780821CC0500285C28	M3NIT.N03	2	30.8400
000671	00	780821CC0500285C28	M3NIT.N03	3	32.4900
000672	00	780821CC0500285C28	M3NIT.N03	4	.6800
000673	00	780822CC0500285C18	M0NIT.N03	1	.0000
000674	00	780822CC0500285C18	M0NIT.N03	2	19.3900
000675	00	780822CC0500285C18	M0NIT.N03	3	8.8700
000676	00	780822CC0500285C18	M0NIT.N03	4	.7500
000677	00	780822CC0500285C18	M1NIT.N03	1	8.4700
000678	00	780822CC0500285C18	M1NIT.N03	2	8.4700
000679	00	780822CC0500285C18	M1NIT.N03	3	9.4700
000680	00	780822CC0500285C18	M1NIT.N03	4	.4700
000681	00	780822CC0500285C18	M2NIT.N03	1	8.4700
000682	00	780822CC0500285C18	M2NIT.N03	2	8.4700
000683	00	780822CC0500285C18	M2NIT.N03	3	8.8700
000684	00	780822CC0500285C18	M2NIT.N03	4	.4700
000685	00	780822CC0500285C18	M3NIT.N03	1	20.2200
000686	00	780822CC0500285C18	M3NIT.N03	2	24.5100
000687	00	780822CC0500285C18	M3NIT.N03	3	22.6700
000688	00	780822CC0500285C18	M3NIT.N03	4	.6700
000689	00	780822CC0500285C28	M0NIT.N03	1	.0300
000690	00	780822CC0500285C28	M0NIT.N03	2	8.4700
000691	00	780822CC0500285C28	M0NIT.N03	3	8.8700
000692	00	780822CC0500285C28	M0NIT.N03	4	.7500
000693	00	780822CC0500285C28	M1NIT.N03	1	8.4700
000694	00	780822CC0500285C28	M1NIT.N03	2	8.4700
000695	00	780822CC0500285C28	M1NIT.N03	3	8.4700
000696	00	780822CC0500285C28	M1NIT.N03	4	8.4700
000697	00	780822CC0500285C28	M2NIT.N03	1	8.4700

000698	00	708222CC0500285C2B	M2NIT.N03	2	8.4700
000699	00	708222CC0500285C2B	M2NIT.N03	3	8.4700
000700	00	708222CC0500285C2B	M2NIT.N03	4	.8700
000701	00	708222CC0500285C2B	M3NIT.N03	1	21.0300
000702	00	708222CC0500285C2B	M5NIT.N03	2	20.2200
000703	00	708222CC0500285C2B	M3NIT.N03	3	20.2200
000704	00	708222CC0500285C2B	M3NIT.N03	4	.7200
000705	00	708222CC0500285C1A	M0NIT.N03	1	.0000
000706	00	708222CC0500285C1B	M0NIT.N03	2	20.2200
000707	00	708222CC0500285C1B	M0NIT.N03	3	20.2200
000708	00	708222CC0500285C1B	M0NIT.N03	4	.0300
000709	00	708222CC0500285C1B	M1NIT.N03	1	17.7500
000710	00	708222CC0500285C1B	M1NIT.N03	2	17.7500
000711	00	708222CC0500285C1E	M1NIT.N03	3	18.5800
000712	00	708222CC0500285C1E	M1NIT.N03	4	.3900
000713	00	708222CC0500285C1B	M2NIT.N03	1	8.4700
000714	00	708222CC0500285C1B	M2NIT.N03	2	8.4700
000715	00	708222CC0500285C1B	M2NIT.N03	3	8.4700
000716	00	708222CC0500285C1B	M2NIT.N03	4	.4700
000717	00	708222CC0500285C1B	M3NIT.N03	1	24.3100
000718	00	708222CC0500285C1B	M3NIT.N03	2	28.4000
000719	00	708222CC0500285C1B	M3NIT.N03	3	26.7600
000720	00	708222CC0500285C1B	M3NIT.N03	4	.0400
000721	00	708222CC0500285C2B	M0NIT.N03	1	.0000
000722	00	708222CC0500285C2B	M0NIT.N03	2	8.4700
000723	00	708222CC0500285C2B	M0NIT.N03	3	17.7500
000724	00	708222CC0500285C2B	M0NIT.N03	4	.4700
000725	00	708222CC0500285C2B	M1NIT.N03	1	22.6700
000726	00	708222CC0500285C2B	M1NIT.N03	2	18.3900
000727	00	708222CC0500285C2E	M1NIT.N03	3	18.5800
000728	00	708222CC0500285C2B	M1NIT.N03	4	.2200
000729	00	708222CC0500285C2B	M2NIT.N03	1	18.5800
000730	00	708222CC0500285C2B	M2NIT.N03	2	8.8700
000731	00	708222CC0500285C2B	M2NIT.N03	3	18.5800
000732	00	708222CC0500285C2B	M2NIT.N03	4	.4700
000733	00	708222CC0500285C2B	M3NIT.N03	1	19.5800
000734	00	708222CC0500285C2B	M3NIT.N03	2	23.4800
000735	00	708222CC0500285C2B	M3NIT.N03	3	31.6800
000736	00	708222CC0500285C2B	M3NIT.N03	4	.0300
000737	00	708222CC0500285C1B	M0NIT.N03	1	.0000
000738	00	708222CC0500285C1B	M0NIT.N03	2	19.7000
000739	00	708222CC0500285C1B	M0NIT.N03	3	8.4700
000740	00	708222CC0500285C1B	M0NIT.N03	4	8.4700
000741	00	708222CC0500285C1B	M1NIT.N03	1	8.4700
000742	00	708222CC0500285C1B	M1NIT.N03	2	8.4700
000743	00	708222CC0500285C1E	M1NIT.N03	3	8.8700
000744	00	708222CC0500285C1E	M1NIT.N03	4	.4700
000745	00	708222CC0500285C1B	M2NIT.N03	1	8.4700
000746	00	708222CC0500285C1B	M2NIT.N03	2	8.4700
000747	00	708222CC0500285C1B	M2NIT.N03	3	8.4700
000748	00	708222CC0500285C1B	M2NIT.N03	4	.4700
000749	00	708222CC0500285C1B	M3NIT.N03	1	.4700
000750	00	708222CC0500285C1B	M3NIT.N03	2	.4700
000751	00	708222CC0500285C1B	M3NIT.N03	3	8.8700
000752	00	708222CC0500285C1B	M3NIT.N03	4	.7500
000753	00	708222CC0500285C2E	M0NIT.N03	1	.0000
000754	00	708222CC0500285C2B	M0NIT.N03	2	8.4700
000755	00	708222CC0500285C2B	M0NIT.N03	3	8.4700
000756	00	708222CC0500285C2B	M1NIT.N03	1	8.4700
000757	00	708222CC0500285C2B	M1NIT.N03	2	8.4700
000758	00	708222CC0500285C2B	M1NIT.N03	3	8.4700
000759	00	708222CC0500285C2B	M1NIT.N03	4	.4700
000760	00	708222CC0500285C2B	M1NIT.N03	4	.4700
000761	00	708222CC0500285C2B	M2NIT.N03	1	8.8700
000762	00	708222CC0500285C2B	M2NIT.N03	2	8.4700
000763	00	708222CC0500285C2B	M2NIT.N03	3	8.4700
000764	00	708222CC0500285C2B	M2NIT.N03	4	.4700
000765	00	708222CC0500285C2B	M3NIT.N03	1	19.3900
000766	00	708222CC0500285C2B	M3NIT.N03	2	17.7500
000767	00	708222CC0500285C2B	M3NIT.N03	3	18.5800
000768	00	708222CC0500285C2B	M3NIT.N03	4	.2200

END FLT.

HDG.P \*\*\*\*\* NFIXTN \*\*\*\*\*

ELT	RFMLBCR2	NFIXTN					
000001	00	780601PCJ500285C18	M3NFI	500	1500	750	500
000002	00	780601PCJ500285C28	M3NFI	500	500	1500	
000003	00	780802PC0500285C18	M3NFI	750	250	500	500
000004	00	780802PC0500285C18	M3NFI	1000	1500	1500	2000
000005	00	780803PC0500285C18	M3NFI	750	750	1000	500
000006	00	780803PC0500285C28	M3NFI	750	750	250	750
000007	00	780804PC0500285C18	M3NFI	750	750	750	1000
000008	00	780804PC0500285C28	M3NFI	250	250	500	500
000009	00	780821CC0500285C18	M3NFI	500	500	250	250
000010	00	780821CC0500285C28	M3NFI	750	1000	1000	750
000011	00	780822CC0500285C18	M3NFI	750	1000	1000	500
000012	00	780822CC0500285C28	M3NFI	250	250	1000	500
000013	00	780823CC0500285C18	M3NFI	500	750	250	250
000014	00	780823CC0500285C28	M3NFI	1000	750	750	1000
000015	00	780824CC0500285C18	M3NFI	500	500	250	250
000016	00	780824CC0500285C28	M3NFI	500	500	750	250

END ELT.

4406.P \*\*\*\*\* PRMA \*\*\*\*\*

ELT.L RFHLBCR2.PPMA

ELT007 SL73R1 05/29/79 11.52.40 (0.1)

000001	00	780801PC0500285C18.M	M.A.	-.28	-.50	-.44	-.50
000002	00	780801PC0500285C28.M	M.A.	-.59	-.70	-.74	-.56
000003	00	780802PC0500285C18.M	M.A.	-.00	-.36	-.40	-.48
000004	00	780802PC0500285C28.M	M.A.	-.22	-.52	-.40	-.44
000005	00	780803PC0500285C18.M	M.A.	.00	.00	.00	.00
000006	00	780803PC0500285C28.M	M.A.	.00	.00	.00	.00
000007	00	780804PC0500285C18.M	M.A.	-.54	-.60	-.64	-.54
000008	00	780804PC0500285C28.M	M.A.	-.48	-.54	-.56	-.52
000009	00	780821CC0500285C18.M	M.A.	-.54	-.50	-.54	-.54
000010	00	780821CC0500285C28.M	M.A.	-.52	-.60	-.62	-.54
000011	00	780822CC0500285C18.M	M.A.	-.04	-.08	-.06	.00
000012	00	780822CC0500285C28.M	M.A.	.00	.00	.00	.00
000013	00	780823CC0500285C18.M	M.A.	-.06	-.16	-.20	-.06
000014	00	780823CC0500285C28.M	M.A.	.46	.26	.20	-.24
000015	00	780824CC0500285C18.M	M.A.	.02	.00	.04	.00
000016	00	780824CC0500285C28.M	M.A.	.00	.00	.00	.00
000017	00	780801PC0500285C18.M	PHOTO.	-.14	.00	.02	.00
000018	00	780801PC0500285C28.M	PHOTO.	.00	.00	.08	.00
000019	00	780802PC0500285C18.M	PHOTO.	.08	.08	.04	.08
000020	00	780802PC0500285C28.M	PHOTO.	.06	.04	.08	.04
000021	00	780803PC0500285C18.M	PHOTO.	.00	.00	.00	.00
000022	00	780803PC0500285C28.M	PHOTO.	.00	.00	.00	.00
000023	00	780804PC0500285C18.M	PHOTO.	.04	.04	.02	.02
000024	00	780804PC0500285C28.M	PHOTO.	.02	.04	.06	.06
000025	00	780821CC0500285C18.M	PHOTO.	.06	.00	.02	.00
000026	00	780821CC0500285C28.M	PHOTO.	-.04	.06	.06	-1.82
000027	00	780822CC0500285C18.M	PHOTO.	-.02	.00	.08	.00
000028	00	780822CC0500285C28.M	PHOTO.	.06	.00	.04	.08
000029	00	780823CC0500285C18.M	PHOTO.	-.02	.04	.10	-.12
000030	00	780823CC0500285C28.M	PHOTO.	.30	.04	.08	.10
000031	00	780824CC0500285C18.M	PHOTO.	-.02	-.02	-.02	.02
000032	00	780824CC0500285C28.M	PHOTO.	.02	.00	.06	.00

END ELT.



AM06,P \*\*\*\*\* P04 \*\*\*\*\*

ELT	REFLBCR2	P04	05/29/79	11 53 40 (D.)					
000001	00	740801PC0500285C18	M0P04	INS	.00	331.34	234.52	365.09	
000002	00	740801PC0500285C18	M0P04	SOL	.00	9668.66	9795.48	9634.91	
000003	00	740801PC0500285C18	M1P04	INS	331.64	328.08	236.32	395.37	
000004	00	740801PC0500285C18	M1P04	SOL	9668.66	9795.48	9634.91	9634.91	
000005	00	740801PC0500285C18	M2P04	INS	.00	9475.40	9659.15	9767.27	9520.74
000006	00	740801PC0500285C18	M2P04	SOL	9475.40	9659.15	9767.27	9520.74	
000007	00	740801PC0500285C18	M3P04	INS	439.79	435.33	248.64	422.13	
000008	00	740801PC0500285C18	M3P04	SOL	9560.30	9914.67	9751.36	9577.87	
000009	00	740801PC0500285C28	M0P04	INS	.00	9760.18	9481.87	9776.23	
000010	00	740801PC0500285C28	M0P04	SOL	.00	9760.18	9481.87	9776.23	
000011	00	740801PC0500285C28	M1P04	INS	281.40	184.63	411.49	299.45	
000012	00	740801PC0500285C28	M1P04	SOL	9718.40	9415.47	9588.51	9788.55	
000013	00	740801PC0500285C28	M2P04	INS	245.74	111.58	519.24	337.68	
000014	00	740801PC0500285C28	M2P04	SOL	9754.26	9788.50	9490.76	9664.40	
000015	00	740801PC0500285C28	M3P04	INS	450.87	187.13	558.91	455.88	
000016	00	740801PC0500285C28	M3P04	SOL	9549.13	9812.87	9441.09	9544.12	
000017	00	740802PC0500285C18	M0P04	INS	.00	9516.71	9614.92	9787.14	
000018	00	740802PC0500285C18	M0P04	SOL	.00	9516.71	9614.92	9787.14	
000019	00	740802PC0500285C18	M1P04	INS	526.33	1435.02	472.14	579.45	
000020	00	740802PC0500285C18	M1P04	SOL	9834.14	9444.17	9527.84	9834.14	
000021	00	740802PC0500285C18	M2P04	INS	.00	9565.46	9618.68	9506.39	9526.68
000022	00	740802PC0500285C18	M2P04	SOL	9565.46	9618.68	9506.39	9526.68	
000023	00	740802PC0500285C18	M3P04	INS	2624.67	286.63	164.16	238.48	
000024	00	740802PC0500285C18	M3P04	SOL	7375.33	9713.37	9835.84	9761.52	
000025	00	740802PC0500285C28	M0P04	INS	.00	9882.25	9655.60	9787.85	
000026	00	740802PC0500285C28	M0P04	SOL	.00	9882.25	9655.60	9787.85	
000027	00	740802PC0500285C28	M1P04	INS	671.77	111.00	404.88	761.35	
000028	00	740802PC0500285C28	M1P04	SOL	9834.14	9444.17	9527.84	9834.14	
000029	00	740802PC0500285C28	M2P04	INS	.00	9810.48	9787.85	9790.97	9563.19
000030	00	740802PC0500285C28	M2P04	SOL	9810.48	9787.85	9790.97	9563.19	
000031	00	740802PC0500285C28	M3P04	INS	382.12	286.84	472.45	971.47	
000032	00	740802PC0500285C28	M3P04	SOL	9617.88	9713.16	9527.55	9028.53	
000033	00	740803PC0500285C18	M0P04	INS	.00	9243.59	9124.00	8965.76	8936.01
000034	00	740803PC0500285C18	M0P04	SOL	9243.59	9124.00	8965.76	8936.01	
000035	00	740803PC0500285C18	M1P04	INS	921.19	1268.92	577.76	731.28	
000036	00	740803PC0500285C18	M1P04	SOL	9078.81	8731.08	9422.24	9268.72	
000037	00	740803PC0500285C18	M2P04	INS	.00	9384.95	9415.15	9668.89	9399.22
000038	00	740803PC0500285C18	M2P04	SOL	9384.95	9415.15	9668.89	9399.22	
000039	00	740803PC0500285C18	M3P04	INS	534.59	793.91	494.71	502.55	
000040	00	740803PC0500285C18	M3P04	SOL	9465.41	9286.09	9505.29	9497.45	
000041	00	740804PC0500285C18	M0P04	INS	.00	9747.83	9797.58	9770.60	9694.46
000042	00	740804PC0500285C18	M0P04	SOL	9747.83	9797.58	9770.60	9694.46	
000043	00	740804PC0500285C18	M1P04	INS	221.46	246.22	284.34	277.82	
000044	00	740804PC0500285C18	M1P04	SOL	9778.54	9753.78	9715.66	9722.18	
000045	00	740804PC0500285C18	M2P04	INS	.00	9771.86	9758.95	9791.82	
000046	00	740804PC0500285C18	M2P04	SOL	.00	9771.86	9758.95	9791.82	
000047	00	740804PC0500285C18	M3P04	INS	294.79	298.07	402.71	223.54	
000048	00	740804PC0500285C18	M3P04	SOL	9705.21	9701.93	9597.29	9776.46	
000049	00	740804PC0500285C28	M0P04	INS	247.74	218.66	282.38	261.03	
000050	00	740804PC0500285C28	M0P04	SOL	9752.26	9781.34	9717.62	9738.97	
000051	00	740804PC0500285C28	M1P04	INS	.00	9855.40	9515.15	9637.84	
000052	00	740804PC0500285C28	M1P04	SOL	.00	9855.40	9515.15	9637.84	
000053	00	740804PC0500285C28	M2P04	INS	3681.44	4341.44	6356.81	4436.94	
000054	00	740804PC0500285C28	M2P04	SOL	3681.44	4341.44	6356.81	4436.94	
000055	00	740804PC0500285C28	M3P04	INS	185.00	9853.26	9895.47	9892.89	
000056	00	740804PC0500285C28	M3P04	SOL	185.00	146.74	104.53	107.11	
000057	00	740804PC0500285C28	M3P04	INS	160.32	148.40	182.15	110.74	
000058	00	740804PC0500285C28	M3P04	SOL	160.32	148.40	182.15	110.74	

000074	00	780821CC0500285C18.M2P04.SOL	9839.68	9851.40	9817.85	9889.26
000075	00	780821CC0500285C18.M3P04.INS	166.13	136.43	106.89	110.56
000076	00	780821CC0500285C18.M3P04.SOL	9833.87	9863.57	9893.11	9889.44
000077	00	780821CC0500285C28.M1P04.INS	5128.69	5099.42	4912.42	5460.62
000078	00	780821CC0500285C28.M2P04.SOL	4874.41	4900.59	5087.58	4539.38
000079	00	780821CC0500285C28.M3P04.INS	178.27	136.54	223.19	93.34
000080	00	780821CC0500285C28.M3P04.SOL	9821.80	9853.46	9771.81	9806.66
000081	00	780822CC0500285C18.M0P04.INS	.00	124.90	221.41	603.16
000082	00	780822CC0500285C18.M0P04.SOL	.00	9875.19	9778.59	9396.84
000083	00	780822CC0500285C18.M1P04.INS	187.79	114.89	334.99	221.68
000084	00	780822CC0500285C18.M1P04.SOL	9812.21	9885.91	9665.01	9778.32
000085	00	780822CC0500285C18.M2P04.INS	288.12	135.44	286.35	325.97
000086	00	780822CC0500285C18.M2P04.SOL	9711.88	9864.56	9713.65	9674.03
000087	00	780822CC0500285C18.M3P04.INS	203.91	155.64	323.57	391.84
000088	00	780822CC0500285C18.M3P04.SOL	9796.09	9844.36	9679.43	9608.16
000089	00	780822CC0500285C28.M0P04.INS	.00	187.27	521.12	194.40
000090	00	780822CC0500285C28.M0P04.SOL	.00	9812.73	9478.88	9803.60
000091	00	780822CC0500285C28.M1P04.INS	288.43	166.63	106.07	157.70
000092	00	780822CC0500285C28.M1P04.SOL	9751.67	9833.37	9803.98	9892.30
000093	00	780822CC0500285C28.M2P04.INS	285.49	241.98	386.99	164.58
000094	00	780822CC0500285C28.M2P04.SOL	9734.31	9738.36	9743.01	9815.22
000095	00	780822CC0500285C28.M3P04.INS	391.27	181.09	266.72	178.61
000096	00	780822CC0500285C28.M3P04.SOL	9698.73	9818.91	9733.28	9821.39
000097	00	780823CC0500285C18.M0P04.INS	.00	368.65	312.15	499.71
000098	00	780823CC0500285C18.M0P04.SOL	.00	9631.15	9687.85	9589.29
000099	00	780823CC0500285C18.M1P04.INS	370.28	593.98	476.87	422.10
000100	00	780823CC0500285C18.M1P04.SOL	9688.99	9759.02	9724.93	9807.98
000101	00	780823CC0500285C18.M2P04.INS	211.42	187.80	281.71	207.71
000102	00	780823CC0500285C18.M2P04.SOL	9580.78	9602.23	9601.07	9473.29
000103	00	780823CC0500285C18.M3P04.INS	437.23	395.83	472.55	580.04
000104	00	780823CC0500285C18.M3P04.SOL	9562.77	9604.17	9572.45	9419.95
000105	00	780823CC0500285C28.M0P04.INS	.00	832.78	432.91	415.48
000106	00	780823CC0500285C28.M0P04.SOL	.00	9167.22	9567.87	9780.41
000107	00	780823CC0500285C28.M1P04.INS	586.81	381.20	548.38	417.59
000108	00	780823CC0500285C28.M1P04.SOL	9586.19	9818.80	9451.62	9711.33
000109	00	780823CC0500285C28.M2P04.INS	286.72	188.41	327.82	253.58
000110	00	780823CC0500285C28.M2P04.SOL	9663.26	9811.59	9602.38	9646.42
000111	00	780823CC0500285C28.M3P04.INS	338.62	300.70	528.17	451.72
000112	00	780823CC0500285C28.M3P04.SOL	9661.38	9699.30	9471.83	9548.28
000113	00	780824CC0500285C18.M0P04.INS	.00	832.42	424.60	405.23
000114	00	780824CC0500285C18.M0P04.SOL	.00	9167.22	9567.87	9780.41
000115	00	780824CC0500285C18.M1P04.INS	586.81	381.20	548.38	417.59
000116	00	780824CC0500285C18.M1P04.SOL	9586.19	9818.80	9451.62	9711.33
000117	00	780824CC0500285C18.M2P04.INS	286.72	188.41	327.82	253.58
000118	00	780824CC0500285C18.M2P04.SOL	9869.78	9921.93	9918.35	9930.20
000119	00	780824CC0500285C18.M3P04.INS	147.17	91.67	110.95	60.68
000120	00	780824CC0500285C18.M3P04.SOL	9852.83	9908.33	9889.05	9939.32
000121	00	780824CC0500285C28.M0P04.INS	.00	832.42	424.60	405.23
000122	00	780824CC0500285C28.M0P04.SOL	.00	9167.22	9567.87	9780.41
000123	00	780824CC0500285C28.M1P04.INS	586.81	381.20	548.38	417.59
000124	00	780824CC0500285C28.M1P04.SOL	9586.19	9818.80	9451.62	9711.33
000125	00	780824CC0500285C28.M2P04.INS	9805.65	9835.48	9616.72	9768.89
000126	00	780824CC0500285C28.M3P04.INS	175.73	150.02	170.08	202.35
000127	00	780824CC0500285C28.M3P04.SOL	9824.27	9849.98	9829.92	9797.65

END ELT

PHOC,P \*\*\*\*\* F40 \*\*\*\*\*

ELT, L RFLRGR, PC

Code	Account	Description	Value 1	Value 2	Value 3	Value 4
000001	00	780801PC0500285C1B.MOPRO.CO2	.00	3545.59	.00	80.64
000002	00	780801PC0500285C1B.MOPRO.INS	.00	28099.33	29702.37	29675.50
000003	00	780801PC0500285C1B.MOPRO.SOL	.00	244.84	247.67	241.85
000004	00	780801PC0500285C2B.MOPRO.CO2	.00	2132.92	.00	88.83
000005	00	780801PC0500285C2B.MOPRO.INS	.00	28919.01	29828.54	29815.58
000006	00	780801PC0500285C2B.MOPRO.SOL	.00	111.48	171.46	144.05
000007	00	780801PC0500285C1B.MOPRO.CO2	3347.79	213.08	1457.30	1137.26
000008	00	780801PC0500285C1B.MOPRO.INS	22294.85	28118.40	23602.99	21222.14
000009	00	780801PC0500285C1B.MOPRO.SOL	6165.25	1744.75	5716.42	8260.95
000010	00	780801PC0500285C2B.MOPRO.CO2	3113.83	271.37	3951.26	3684.21
000011	00	780801PC0500285C2B.MOPRO.INS	14555.91	25888.14	21362.43	15500.79
000012	00	780801PC0500285C2B.MOPRO.SOL	9028.71	4068.48	6941.54	4816.57
000013	00	780801PC0500285C1B.MOPRO.CO2	27725.69	1599.45	12018.71	5968.33
000014	00	780801PC0500285C1B.MOPRO.INS	13558.94	28659.19	19433.13	20213.81
000015	00	780801PC0500285C1B.MOPRO.SOL	4138.48	627.24	5104.42	7073.31
000016	00	780801PC0500285C2B.MOPRO.CO2	36980.87	16035.12	28301.88	10829.12
000017	00	780801PC0500285C2B.MOPRO.INS	9604.25	21670.07	12775.04	17998.99
000018	00	780801PC0500285C2B.MOPRO.SOL	3586.26	1091.34	4339.92	7078.68
000019	00	780801PC0500285C1B.MOPRO.CO2	37243.36	42544.48	46645.58	54763.64
000020	00	780801PC0500285C1B.MOPRO.INS	8970.99	26078.54	14647.69	9619.83
000021	00	780801PC0500285C1B.MOPRO.SOL	6172.93	1078.38	7855.22	4487.60
000022	00	780801PC0500285C2B.MOPRO.CO2	2549.30	3684.43	1504.61	2649.96
000023	00	780801PC0500285C2B.MOPRO.INS	12231.72	4844.50	15161.90	12000.91
000024	00	780801PC0500285C2B.MOPRO.SOL	4336.78	2191.58	8700.58	5749.11
000025	00	780802PC0500285C1B.MOPRO.CO2	.00	499.56	40.51	.00
000026	00	780802PC0500285C1B.MOPRO.INS	.00	28837.05	27890.24	29774.46
000027	00	780802PC0500285C1B.MOPRO.SOL	.00	937.38	302.38	225.54
000028	00	780802PC0500285C2B.MOPRO.CO2	.00	58.19	674.56	.00
000029	00	780802PC0500285C2B.MOPRO.INS	.00	29433.98	29422.23	28941.08
000030	00	780802PC0500285C2B.MOPRO.SOL	.00	539.57	302.97	1058.93
000031	00	780802PC0500285C1B.MOPRO.CO2	539.61	304.86	341.62	822.10
000032	00	780802PC0500285C1B.MOPRO.INS	16058.90	24984.48	22742.18	24155.89
000033	00	780802PC0500285C1B.MOPRO.SOL	13695.82	4952.40	6740.80	5446.76
000034	00	780802PC0500285C2B.MOPRO.CO2	1249.20	488.88	801.88	1106.20
000035	00	780802PC0500285C2B.MOPRO.INS	20537.21	24513.38	21738.68	24147.63
000036	00	780802PC0500285C2B.MOPRO.SOL	4754.43	4282.35	7762.32	4309.55
000037	00	780802PC0500285C1B.MOPRO.CO2	13333.46	4527.26	3775.63	11454.31
000038	00	780802PC0500285C1B.MOPRO.INS	17660.93	18789.68	22455.54	16986.97
000039	00	780802PC0500285C1B.MOPRO.SOL	6279.59	9152.47	5853.99	7406.53
000040	00	780802PC0500285C2B.MOPRO.CO2	13886.23	3222.41	2843.01	13166.80
000041	00	780802PC0500285C2B.MOPRO.INS	17527.80	23454.17	20879.80	18792.62
000042	00	780802PC0500285C2B.MOPRO.SOL	7523.91	5081.18	7827.92	5222.97
000043	00	780802PC0500285C1B.MOPRO.CO2	1326.17	7511.85	14808.04	9505.22
000044	00	780802PC0500285C1B.MOPRO.INS	14150.68	23071.37	14197.78	16740.47
000045	00	780802PC0500285C1B.MOPRO.SOL	7032.91	3514.45	9071.29	8938.97
000046	00	780802PC0500285C2B.MOPRO.CO2	10237.07	2501.06	13250.10	5348.52
000047	00	780802PC0500285C2B.MOPRO.INS	9258.54	22254.02	12957.22	19317.40
000048	00	780802PC0500285C2B.MOPRO.SOL	16088.24	6609.13	11020.01	8251.45
000049	00	780803PC0500285C1B.MOPRO.CO2	.00	32.61	397.03	.00
000050	00	780803PC0500285C1B.MOPRO.INS	.00	29203.56	28721.53	29686.31
000051	00	780803PC0500285C1B.MOPRO.SOL	.00	781.62	1029.83	313.68
000052	00	780803PC0500285C2B.MOPRO.CO2	.00	.00	340.12	49.10
000053	00	780803PC0500285C2B.MOPRO.INS	.00	29778.12	29644.99	29829.38
000054	00	780803PC0500285C2B.MOPRO.SOL	.00	221.88	200.41	148.30
000055	00	780803PC0500285C1B.MOPRO.CO2	457.34	463.95	1751.40	1100.66
000056	00	780803PC0500285C1B.MOPRO.INS	19449.91	19325.61	17924.68	22523.51
000057	00	780803PC0500285C1B.MOPRO.SOL	10342.21	10403.59	16279.23	6976.19
000058	00	780803PC0500285C2B.MOPRO.CO2	1021.28	70.62	2463.28	868.76
000059	00	780803PC0500285C2B.MOPRO.INS	21046.52	24587.22	19529.22	23225.41
000060	00	780803PC0500285C2B.MOPRO.SOL	8489.26	3410.68	9351.10	6379.30
000061	00	780803PC0500285C1B.MOPRO.CO2	10246.67	1395.61	3975.51	11707.36
000062	00	780803PC0500285C1B.MOPRO.INS	19485.83	25752.30	24715.04	21280.16
000063	00	780803PC0500285C1B.MOPRO.SOL	5837.50	3613.33	3471.85	3398.42
000064	00	780803PC0500285C2B.MOPRO.CO2	2541.83	1884.01	1860.18	5286.94
000065	00	780803PC0500285C2B.MOPRO.INS	22346.02	2688.69	1752.34	25170.17
000066	00	780803PC0500285C2B.MOPRO.SOL	6448.61	2398.85	5091.08	2426.67
000067	00	780803PC0500285C1B.MOPRO.CO2	3142.17	3484.48	3484.48	1350.10
000068	00	780803PC0500285C1B.MOPRO.INS	4394.86	26401.15	15860.11	16725.75
000069	00	780803PC0500285C1B.MOPRO.SOL	3722.33	2278.44	10732.74	7069.64
000070	00	780803PC0500285C2B.MOPRO.CO2	21179.94	5508.80	14056.46	3299.15
000071	00	780803PC0500285C2B.MOPRO.INS	12848.60	24708.60	17298.28	22532.72
000072	00	780803PC0500285C2B.MOPRO.SOL	7524.16	2788.31	8314.43	5997.67
000073	00	780804PC0500285C1B.MOPRO.CO2	.00	.00	446.27	54.97

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000076	00	7:0804PC0500285C28	M2PRO.C02	.00	29657.78	29493.22	29719.61
000077	00	7:0804PC0500285C28	M2PRO.C02	.00	352.00	313.43	313.43
000078	00	7:0804PC0500285C28	M2PRO.C02	.00	28997.08	29374.37	137.50
000079	00	7:0804PC0500285C28	M2PRO.C02	.00	1002.92	611.81	29594.81
000080	00	7:0804PC0500285C28	M2PRO.C02	.00	1107.80	1844.85	340.69
000081	00	7:0804PC0500285C28	M2PRO.C02	.00	1844.85	2780.43	1018.33
000082	00	7:0804PC0500285C28	M2PRO.C02	.00	974.88	2087.01	2087.01
000083	00	7:0804PC0500285C28	M2PRO.C02	.00	197.88	1844.85	8007.34
000084	00	7:0804PC0500285C28	M2PRO.C02	.00	2282.27	2650.10	1468.29
000085	00	7:0804PC0500285C28	M2PRO.C02	.00	6712.33	1646.17	21817.80
000086	00	7:0804PC0500285C28	M2PRO.C02	.00	20193.15	3442.87	8294.61
000087	00	7:0804PC0500285C28	M2PRO.C02	.00	15289.01	27393.05	6659.86
000088	00	7:0804PC0500285C28	M2PRO.C02	.00	1924.44	1052.01	19947.36
000089	00	7:0804PC0500285C28	M2PRO.C02	.00	1615.42	2157.17	7026.44
000090	00	7:0804PC0500285C28	M2PRO.C02	.00	1074.10	1844.85	11417.67
000091	00	7:0804PC0500285C28	M2PRO.C02	.00	1074.10	1844.85	19284.28
000092	00	7:0804PC0500285C28	M2PRO.C02	.00	7901.67	26503.87	2848.41
000093	00	7:0804PC0500285C28	M2PRO.C02	.00	4094.82	975.07	18152.12
000094	00	7:0804PC0500285C28	M2PRO.C02	.00	23665.98	6688.16	6374.72
000095	00	7:0804PC0500285C28	M2PRO.C02	.00	14349.44	26712.07	11473.83
000096	00	7:0804PC0500285C28	M2PRO.C02	.00	2877.00	1074.10	1756.41
000097	00	7:0804PC0500285C28	M2PRO.C02	.00	2877.00	1074.10	1756.41
000100	00	7:0821CC0500285C28	M3PRO.C02	.00	6.05	192.52	213.17
000101	00	7:0821CC0500285C28	M3PRO.C02	.00	29844.62	29737.48	29762.23
000102	00	7:0821CC0500285C28	M3PRO.C02	.00	152.63	175.01	140.88
000103	00	7:0821CC0500285C28	M3PRO.C02	.00	6660.54	880.69	6784.20
000104	00	7:0821CC0500285C28	M3PRO.C02	.00	1844.85	2087.01	2087.01
000105	00	7:0821CC0500285C28	M3PRO.C02	.00	219.73	1844.85	1844.85
000106	00	7:0821CC0500285C28	M3PRO.C02	.00	1844.85	1844.85	1844.85
000107	00	7:0821CC0500285C28	M3PRO.C02	.00	1844.85	1844.85	1844.85
000108	00	7:0821CC0500285C28	M3PRO.C02	.00	1844.85	1844.85	1844.85
000109	00	7:0821CC0500285C28	M3PRO.C02	.00	6292.94	3244.97	10415.44
000110	00	7:0821CC0500285C28	M3PRO.C02	.00	40125.31	3297.02	34904.19
000111	00	7:0821CC0500285C28	M3PRO.C02	.00	6692.44	23606.80	8379.54
000112	00	7:0821CC0500285C28	M3PRO.C02	.00	5068.74	4804.54	5754.82
000113	00	7:0821CC0500285C28	M3PRO.C02	.00	21887.66	4774.11	7254.80
000114	00	7:0821CC0500285C28	M3PRO.C02	.00	8569.73	227.11	7254.80
000115	00	7:0821CC0500285C28	M3PRO.C02	.00	11382.48	15625.06	2022.23
000116	00	7:0821CC0500285C28	M3PRO.C02	.00	4090.43	2735.36	1445.14
000117	00	7:0821CC0500285C28	M3PRO.C02	.00	57289.29	21934.94	50866.69
000118	00	7:0821CC0500285C28	M3PRO.C02	.00	2314.14	14618.11	3430.00
000119	00	7:0821CC0500285C28	M3PRO.C02	.00	1645.06	3411.11	3430.00
000120	00	7:0821CC0500285C28	M3PRO.C02	.00	15713.78	1714.11	1171.13
000121	00	7:0821CC0500285C28	M3PRO.C02	.00	2140.00	1714.11	1171.13
000122	00	7:0821CC0500285C28	M3PRO.C02	.00	1186.57	705.93	1120.19
000123	00	7:0822CC0500285C28	M2PRO.C02	.00	5766.15	6652.91	4724.96
000124	00	7:0822CC0500285C28	M2PRO.C02	.00	25135.91	22651.44	25711.77
000125	00	7:0822CC0500285C28	M2PRO.C02	.00	2243.11	4324.50	2140.52
000126	00	7:0822CC0500285C28	M2PRO.C02	.00	27090.16	8275.23	28602.06
000127	00	7:0822CC0500285C28	M2PRO.C02	.00	14907.29	24334.61	11172.89
000128	00	7:0822CC0500285C28	M2PRO.C02	.00	2779.01	1444.38	1764.26
000129	00	7:0822CC0500285C28	M2PRO.C02	.00	11418.56	4668.83	15845.39
000130	00	7:0822CC0500285C28	M2PRO.C02	.00	11237.36	25567.40	1114.25
000131	00	7:0822CC0500285C28	M2PRO.C02	.00	7572.43	2290.40	6967.84
000132	00	7:0822CC0500285C28	M2PRO.C02	.00	43395.93	10848.03	38046.88
000133	00	7:0822CC0500285C28	M2PRO.C02	.00	4528.07	23434.32	8119.30
000134	00	7:0822CC0500285C28	M2PRO.C02	.00	5746.51	1630.74	4584.64
000135	00	7:0822CC0500285C28	M2PRO.C02	.00	29923.14	7311.00	8317.41
000136	00	7:0822CC0500285C28	M2PRO.C02	.00	8038.29	2607.00	7776.60
000137	00	7:0822CC0500285C28	M2PRO.C02	.00	8380.28	1074.10	7776.60
000138	00	7:0822CC0500285C28	M2PRO.C02	.00	1074.10	1074.10	1074.10
000139	00	7:0822CC0500285C28	M2PRO.C02	.00	27003.04	24096.17	12346.58
000140	00	7:0822CC0500285C28	M2PRO.C02	.00	1917.73	904.68	9660.91
000141	00	7:0822CC0500285C28	M2PRO.C02	.00	35500.83	6758.21	16511.37
000142	00	7:0822CC0500285C28	M2PRO.C02	.00	11610.36	2421.61	11478.44
000143	00	7:0822CC0500285C28	M2PRO.C02	.00	2252.40	2771.00	10816.39
000144	00	7:0822CC0500285C28	M2PRO.C02	.00	.00	.00	955.91
000145	00	7:0822CC0500285C28	M2PRO.C02	.00	.00	.00	2974.06
000146	00	7:0822CC0500285C28	M2PRO.C02	.00	.00	.00	2974.06
000147	00	7:0822CC0500285C28	M2PRO.C02	.00	.00	.00	2974.06
000148	00	7:0823CC0500285C28	M3PRO.C02	.00	29672.16	29111.13	28766.84
000149	00	7:0823CC0500285C28	M3PRO.C02	.00	327.84	153.11	1080.60
000150	00	7:0823CC0500285C28	M3PRO.C02	.00	778.11	641.81	8178.01

000152	00	780823CC0500285C16.M1PRO.INS	19583.23	28860.14	20975.63	22234.00
000153	00	780823CC0500285C1P.M1PRO.SOL	10063.08	884.49	8225.77	5777.35
000154	00	780823CC0500285C28.M1PRO.CO2	4544.73	626.32	1510.56	1011.29
000155	00	780823CC0500285C29.M1PRO.INS	14220.28	24529.97	20944.59	24086.34
000156	00	780823CC0500285C24.M1PRO.SOL	9513.94	1125.24	8328.87	5553.96
000157	00	780823CC0500285C25.M1PRO.CO2	3176.13	92.46	832.92	565.96
000158	00	780823CC0500285C26.M1PRO.SOL	13071.99	29311.01	24744.20	27192.21
000159	00	780823CC0500285C27.M1PRO.SOL	2532.30	843.78	1113.56	7243.71
000160	00	780823CC0500285C23.M2PRO.CO2	30205.93	144.54	23915.07	3279.88
000161	00	780823CC0500285C25.M2PRO.INS	13249.29	29114.14	15209.19	22521.34
000162	00	780823CC0500285C23.M2PRO.SOL	2980.75	820.16	3920.32	5987.80
000163	00	780823CC0500285C16.M3PRO.CO2	56902.86	21084.40	18474.19	41500.31
000164	00	780823CC0500285C18.M3PRO.INS	973.02	19155.80	16170.65	8221.80
000165	00	780823CC0500285C18.M3PRO.SOL	1207.50	1341.29	5490.19	2001.15
000166	00	780823CC0500285C23.M3PRO.CO2	46366.35	5515.38	37742.97	42691.76
000167	00	780823CC0500285C22.M3PRO.INS	6662.44	29779.76	9934.33	7064.45
000168	00	780823CC0500285C22.M3PRO.SOL	3264.68	1613.25	2910.08	3518.75
000169	00	780824CC0500285C18.M0PRO.CO2	.00	10765.92	7019.18	4769.44
000170	00	780824CC0500285C18.M0PRO.INS	.00	21268.92	24755.20	23085.57
000171	00	780824CC0500285C18.M0PRO.SOL	.00	7837.48	2058.24	4746.50
000172	00	780824CC0500285C28.M0PRO.CO2	.00	4049.24	6578.08	5296.21
000173	00	780824CC0500285C22.M0PRO.INS	.00	23272.27	23312.92	26290.41
000174	00	780824CC0500285C28.M0PRO.SOL	.00	4886.17	3778.86	1302.23
000175	00	780824CC0500285C13.M1PRO.CO2	9120.26	5882.80	6936.11	6517.83
000176	00	780824CC0500285C18.M1PRO.INS	14277.39	25725.37	12878.38	15300.70
000177	00	780824CC0500285C18.M1PRO.SOL	11577.03	1600.63	12635.12	11736.65
000178	00	780824CC0500285C26.M1PRO.CO2	4877.25	4115.92	4694.11	12112.63
000179	00	780824CC0500285C29.M1PRO.INS	15443.97	27063.71	17705.21	14447.40
000180	00	780824CC0500285C28.M1PRO.SOL	11920.50	1056.42	10101.11	7646.96
000181	00	780824CC0500285C01.M2PRO.CO2	20427.95	2946.41	23271.77	16315.03
000182	00	780824CC0500285C01.M2PRO.INS	9018.11	27657.87	8678.34	9548.26
000183	00	780824CC0500285C01.M2PRO.SOL	6741.94	1002.86	16743.68	12035.81
000184	00	780824CC0500285C26.M2PRO.CO2	11698.00	2387.77	21545.38	18759.54
000185	00	780824CC0500285C20.M2PRO.INS	9602.73	27798.46	8832.05	10209.65
000186	00	780824CC0500285C20.M2PRO.SOL	15079.99	1116.19	11374.59	12626.93
000187	00	780824CC0500285C18.M3PRO.CO2	11947.54	3427.26	10987.36	12938.91
000188	00	780824CC0500285C18.M3PRO.INS	779.09	27798.00	12871.03	14321.57
000189	00	780824CC0500285C01.M3PRO.SOL	1758.29	7654.15	8949.26	6709.84
000190	00	780824CC0500285C08.M3PRO.CO2	1472.86	2995.94	13349.35	12993.67
000191	00	780824CC0500285C08.M3PRO.INS	16321.01	26343.07	14228.39	13459.92
000192	00	780824CC0500285C08.M3PRO.SOL	6214.01	2294.24	9703.72	10679.32

ENG FLT.

PHUG, P \*\*\*\*\* SOR \*\*\*\*\*

BELT, L RFWLBCR2.SOR  
ELT007 SL73R1 05/29/79 11 53 41 (0.)

000002	00	780801PC0500285C18.M1SOR.SOL	.00	1285.32	1039.66	1079.36
000003	00	780801PC0500285C18.M1SOR.SOL	.00	9514.54	9760.34	9720.64
000004	00	780801PC0500285C18.M1SOR.SOL	2304.54	556.54	3072.10	1311.68
000005	00	780801PC0500285C18.M1SOR.SOL	8495.46	10213.46	7777.90	9438.32
000006	00	780801PC0500285C18.M2SOR.SOL	925.10	1334.45	884.17	1170.43
000007	00	780801PC0500285C18.M2SOR.SOL	9874.90	9465.55	9915.83	9649.57
000008	00	780801PC0500285C18.M3SOR.SOL	708.54	1952.95	1306.07	2103.55
000009	00	780801PC0500285C18.M3SOR.SOL	10091.46	8847.05	9493.93	8696.45
000010	00	780801PC0500285C28.M1SOR.SOL	.00	3157.85	2256.58	3269.38
000011	00	780801PC0500285C28.M1SOR.SOL	.00	7442.15	8543.42	7530.62
000012	00	780801PC0500285C28.M1SOR.SOL	1819.42	7847.70	1173.97	3155.63
000013	00	780801PC0500285C28.M1SOR.SOL	8980.58	2952.30	9676.03	7644.17
000014	00	780801PC0500285C28.M2SOR.SOL	9259.31	2039.77	1135.07	10668.69
000015	00	780801PC0500285C28.M2SOR.SOL	1540.45	8743.23	5464.93	111.31
000016	00	780801PC0500285C28.M3SOR.SOL	3367.76	1043.27	1195.61	1400.99
000017	00	780801PC0500285C28.M3SOR.SOL	7432.24	9756.73	9606.39	9399.01
000018	00	780802PC0500285C18.M1SOR.SOL	.00	597.17	721.96	426.79
000019	00	780802PC0500285C18.M1SOR.SOL	.00	10202.87	10078.04	10371.21
000020	00	780802PC0500285C16.M1SOR.SOL	453.40	603.67	646.37	749.28
000021	00	780802PC0500285C18.M1SOR.SOL	10346.60	10196.33	17153.63	10050.72
000022	00	780802PC0500285C13.M2SOR.SOL	378.90	594.38	194.25	803.87
000023	00	780802PC0500285C18.M2SOR.SOL	10461.10	10205.62	13605.76	9996.13
000024	00	780802PC0500285C18.M3SOR.SOL	724.53	902.58	676.45	1359.28
000025	00	780802PC0500285C18.M3SOR.SOL	10075.57	9697.35	10123.55	9430.72
000026	00	780802PC0500285C28.M1SOR.SOL	.00	8163.14	478.11	824.46
000027	00	780802PC0500285C28.M1SOR.SOL	.00	3138.48	10328.48	824.46
000028	00	780802PC0500285C28.M1SOR.SOL	5972.66	1290.00	835.86	732.93
000029	00	780802PC0500285C28.M1SOR.SOL	4827.34	9510.00	9964.14	10067.07
000030	00	780802PC0500285C28.M2SOR.SOL	541.83	648.87	813.54	731.92
000031	00	780802PC0500285C28.M2SOR.SOL	10268.17	10151.13	9980.46	10068.68
000032	00	780802PC0500285C28.M3SOR.SOL	919.94	2466.57	1767.23	810.54
000033	00	780802PC0500285C28.M3SOR.SOL	9880.06	8333.93	9030.77	9989.46
000034	00	780803PC0500285C18.M1SOR.SOL	.00	841.88	492.08	1163.30
000035	00	780803PC0500285C18.M1SOR.SOL	.00	1874.88	18597.68	1836.80
000036	00	780803PC0500285C18.M1SOR.SOL	428.80	366.64	1270.10	1022.82
000037	00	780803PC0500285C18.M1SOR.SOL	10371.90	10433.36	9529.90	9777.18
000038	00	780803PC0500285C18.M2SOR.SOL	484.92	282.99	17121.47	660.26
000039	00	780803PC0500285C18.M2SOR.SOL	13315.08	10537.01	678.53	10118.74
000040	00	780803PC0500285C18.M3SOR.SOL	373.89	4096.96	457.90	332.81
000041	00	780803PC0500285C18.M3SOR.SOL	10426.11	10398.04	10362.60	10467.18
000042	00	780803PC0500285C28.M1SOR.SOL	.00	2818.51	1681.85	7648.89
000043	00	780803PC0500285C28.M1SOR.SOL	.00	7881.66	2828.28	8181.41
000044	00	780803PC0500285C28.M1SOR.SOL	10593.11	345.55	3171.07	9652.86
000045	00	780803PC0500285C28.M2SOR.SOL	206.89	10454.45	7628.93	1147.14
000046	00	780803PC0500285C28.M2SOR.SOL	1704.03	2631.62	10651.32	10680.55
000047	00	780803PC0500285C28.M3SOR.SOL	9095.87	839.76	1888.46	119.45
000048	00	780803PC0500285C28.M3SOR.SOL	4222.03	839.76	1888.46	185.97
000049	00	780803PC0500285C28.M3SOR.SOL	6677.97	9066.16	1170.11	1316.03
000050	00	780804PC0500285C18.M1SOR.SOL	.00	897.47	897.47	1170.11
000051	00	780804PC0500285C18.M1SOR.SOL	1466.98	1889.81	754.85	1605.95
000052	00	780804PC0500285C18.M1SOR.SOL	9333.02	8910.19	10045.15	9194.05
000053	00	780804PC0500285C18.M2SOR.SOL	2675.45	2726.05	1565.42	1567.42
000054	00	780804PC0500285C18.M2SOR.SOL	8124.55	8071.85	5271.64	672.55
000055	00	780804PC0500285C18.M3SOR.SOL	196.45	8271.54	2505.44	1506.30
000056	00	780804PC0500285C18.M3SOR.SOL	10603.54	8271.54	1847.90	977.70
000057	00	780804PC0500285C28.M1SOR.SOL	.00	1378.48	1378.48	1378.48
000058	00	780804PC0500285C28.M1SOR.SOL	1692.20	1977.35	5776.07	4795.97
000059	00	780804PC0500285C28.M1SOR.SOL	9107.80	8822.65	5021.93	6004.03
000060	00	780804PC0500285C28.M2SOR.SOL	5551.09	2002.12	622.48	2188.00
000061	00	780804PC0500285C28.M2SOR.SOL	5248.91	8797.88	10177.52	8612.00
000062	00	780804PC0500285C28.M3SOR.SOL	1075.83	1933.81	2100.91	1135.44
000063	00	780804PC0500285C28.M3SOR.SOL	9724.17	8846.59	8602.07	9448.56
000064	00	780804PC0500285C18.M1SOR.SOL	.00	1480.84	7825.36	1936.36
000065	00	780804PC0500285C18.M1SOR.SOL	.00	831.84	1480.84	1480.84
000066	00	780821CC0500285C18.M1SOR.SOL	5571.46	4294.96	2258.70	9110.29
000067	00	780821CC0500285C18.M1SOR.SOL	5228.54	6505.04	8541.30	1689.72
000068	00	780821CC0500285C18.M2SOR.SOL	10651.66	7657.35	1711.47	1779.62
000069	00	780821CC0500285C18.M2SOR.SOL	148.70	3102.65	8788.53	8020.38
000070	00	780821CC0500285C18.M3SOR.SOL	3321.16	4416.79	3318.66	1075.89
000071	00	780821CC0500285C18.M3SOR.SOL	9478.86	6384.81	5824.39	9723.11
000072	00	780821CC0500285C28.M1SOR.SOL	.00	10495.48	2388.88	3578.54

000075	00	780821CC0500285C2B	M1SOR	INS	2288.80	851.81	1914.49	2432.65
000076	00	780821CC0500285C2B	M1SOR	SOL	8511.20	9948.19	8885.51	8367.35
000077	00	780821CC0500285C2B	M2SOR	INS	819.12	665.32	877.48	1507.61
000078	00	780821CC0500285C2B	M2SOR	SOL	9980.48	10174.64	9922.52	9182.59
000079	00	780821CC0500285C2B	M3SOR	INS	2528.17	18458.81	1942.70	1839.12
000080	00	780821CC0500285C2B	M3SOR	SOL	8271.83	341.19	8857.30	8960.88
000081	00	780822CC0500285C1B	MOSOR	INS	.00	1057.20	2573.61	913.68
000082	00	780822CC0500285C1B	MOSOR	SOL	.00	9742.80	8226.39	9886.32
000083	00	780822CC0500285C1B	M1SOR	INS	2198.77	3940.16	2159.66	1547.89
000084	00	780822CC0500285C1B	M1SOR	SOL	8671.23	6859.84	8640.34	9252.11
000085	00	780822CC0500285C1B	M2SOR	INS	948.78	559.14	2126.55	1338.08
000086	00	780822CC0500285C1B	M2SOR	SOL	9851.22	10240.86	8673.45	9461.92
000087	00	780822CC0500285C1B	M3SOR	INS	1272.58	2177.01	431.05	1265.95
000088	00	780822CC0500285C1B	M3SOR	SOL	9527.42	8222.99	10368.95	9534.05
000089	00	780822CC0500285C1B	MOSOR	INS	.00	1329.93	1235.06	919.08
000090	00	780822CC0500285C2B	MOSOR	SOL	.00	4358.84	884.84	8240.82
000091	00	780822CC0500285C2B	M1SOR	INS	1634.49	1665.58	2456.48	1895.68
000092	00	780822CC0500285C2B	M1SOR	SOL	9165.51	9134.42	8343.52	8904.32
000093	00	780822CC0500285C2B	M2SOR	INS	890.60	338.93	1899.54	1087.37
000094	00	780822CC0500285C2B	M2SOR	SOL	9909.40	10461.07	8920.46	9712.63
000095	00	780822CC0500285C2B	M3SOR	INS	1093.83	807.27	1453.19	627.07
000096	00	780822CC0500285C2B	M3SOR	SOL	9706.97	9992.73	9346.81	10172.93
000097	00	780823CC0500285C1B	MOSOR	INS	.00	1978.95	719.87	1045.82
000098	00	780823CC0500285C1B	MOSOR	SOL	.00	1004.08	1004.08	8284.18
000099	00	780823CC0500285C1B	M1SOR	INS	378.21	765.90	1633.00	617.94
000100	00	780823CC0500285C1B	M1SOR	SOL	10421.79	17034.10	9167.00	10182.06
000101	00	780823CC0500285C1B	M2SOR	INS	1775.81	1493.04	2666.31	2210.02
000102	00	780823CC0500285C1B	M2SOR	SOL	9024.19	9306.86	8131.69	8589.98
000103	00	780823CC0500285C1B	M3SOR	INS	656.76	1197.36	1358.54	1441.82
000104	00	780823CC0500285C1B	M3SOR	SOL	10143.74	8192.66	9318.48	9398.86
000105	00	780823CC0500285C2B	MOSOR	INS	.00	8288.89	9728.48	10758.86
000106	00	780823CC0500285C2B	MOSOR	SOL	.00	8288.89	9728.48	10758.86
000107	00	780823CC0500285C2B	M1SOR	INS	2500.06	1864.32	2039.00	1252.07
000108	00	780823CC0500285C2B	M1SOR	SOL	8299.94	8935.68	8761.00	9547.93
000109	00	780823CC0500285C2B	M2SOR	INS	1770.50	1699.13	2393.34	2204.07
000110	00	780823CC0500285C2B	M2SOR	SOL	78.00	1100.87	880.66	852.02
000111	00	780823CC0500285C2B	M3SOR	INS	1212.44	1114.78	980.49	1048.77
000112	00	780823CC0500285C2B	M3SOR	SOL	9942.83	1188.22	7953.01	1041.77
000113	00	780824CC0500285C1B	MOSOR	INS	.00	1188.17	882.44	1188.17
000114	00	780824CC0500285C1B	MOSOR	SOL	.00	882.44	882.44	1188.17
000115	00	780824CC0500285C1B	M1SOR	INS	2178.65	1666.37	3155.61	1039.60
000116	00	780824CC0500285C1B	M1SOR	SOL	8621.35	9133.63	7644.39	9760.40
000117	00	780824CC0500285C1B	M2SOR	INS	2698.56	521.37	9932.41	1145.30
000118	00	780824CC0500285C1B	M2SOR	SOL	7344.24	10270.11	847.58	8654.70
000119	00	780824CC0500285C1B	M3SOR	INS	8131.00	10270.11	847.58	8654.70
000120	00	780824CC0500285C1B	M3SOR	SOL	9113.74	1188.22	1153.28	8632.41
000121	00	780824CC0500285C2B	MOSOR	INS	.00	1188.22	1153.28	8632.41
000122	00	780824CC0500285C2B	MOSOR	SOL	.00	1188.22	1153.28	8632.41
000123	00	780824CC0500285C2B	M1SOR	INS	790.18	1055.17	1812.46	514.92
000124	00	780824CC0500285C2B	M1SOR	SOL	10009.82	9744.82	8987.54	10285.08
000125	00	780824CC0500285C2B	M2SOR	INS	4215.09	778.52	738.96	1468.66
000126	00	780824CC0500285C2B	M2SOR	SOL	6588.91	10021.88	10041.00	8371.76
000127	00	780824CC0500285C2B	M3SOR	INS	.00	8371.76	8371.76	10041.00
000128	00	780824CC0500285C2B	M3SOR	SOL	.00	8371.76	8371.76	10041.00

HDF, P \*\*\*\*\* SOX \*\*\*\*\*

DELTA, L RFINNCR2.SOX  
ELTR07 SL200 05/29/79 12 53 42 (0)

000001	00	780801PC0500285C1B.M2SOX.SOL	00	7844.98	5228.61	8985.32
000002	00	780801PC0500285C1B.M2SOX.SOL	00	2955.10	1531.39	1814.68
000003	00	780801PC0500285C1B.M1SOX.SOL	524.31	9849.23	4766.09	1610.02
000004	00	780801PC0500285C1B.M1SOX.SOL	10275.69	952.77	6033.91	6189.98
000005	00	780801PC0500285C1B.M2SOX.SOL	266.17	7529.30	724.66	1694.64
000006	00	780801PC0500285C1B.M2SOX.SOL	10534.83	3279.71	10075.34	9205.39
000007	00	780801PC0500285C1B.M3SOX.SOL	4127.81	7731.46	140.45	119.50
000008	00	780801PC0500285C1B.M3SOX.SOL	6672.19	3068.58	10659.55	10680.50
000009	00	780801PC0500285C2B.M2SOX.SOL	00	3083.85	6274.61	5799.73
000010	00	780801PC0500285C2B.M2SOX.SOL	00	7716.35	4565.19	5000.27
000011	00	780801PC0500285C2B.M1SOX.SOL	805.61	8285.26	86.03	5241.74
000012	00	780801PC0500285C2B.M1SOX.SOL	9994.39	2514.74	10413.97	5558.26
000013	00	780801PC0500285C2B.M2SOX.SOL	513.79	6579.77	324.48	603.88
000014	00	780801PC0500285C2B.M2SOX.SOL	10285.61	4225.23	10474.12	10106.92
000015	00	780801PC0500285C2B.M1SOX.SOL	1307.13	8859.83	2594.28	3883.21
000016	00	780801PC0500285C2B.M3SOX.SOL	9492.87	1980.87	8205.78	376.79
000017	00	780802PC0500285C1B.M2SOX.SOL	00	6001.86	6976.54	7669.93
000018	00	780802PC0500285C1B.M2SOX.SOL	00	4596.94	3803.46	3130.07
000019	00	780802PC0500285C1B.M1SOX.SOL	1824.05	7687.38	779.04	267.38
000020	00	780802PC0500285C1B.M1SOX.SOL	8975.95	3112.62	10020.96	10532.62
000021	00	780802PC0500285C1B.M2SOX.SOL	2123.12	9602.72	949.74	2559.53
000022	00	780802PC0500285C1B.M2SOX.SOL	8676.88	2107.67	9851.06	7240.47
000023	00	780802PC0500285C1B.M3SOX.SOL	5363.25	3230.59	4971.84	4743.89
000024	00	780802PC0500285C1B.M3SOX.SOL	8438.88	7569.61	5828.18	8556.11
000025	00	780802PC0500285C1B.M3SOX.SOL	10800.00	1687.32	9761.23	9813.72
000026	00	780802PC0500285C2B.M2SOX.SOL	00	9112.68	1078.17	986.28
000027	00	780802PC0500285C2B.M2SOX.SOL	00	2063.37	3432.42	440.00
000028	00	780802PC0500285C2B.M1SOX.SOL	17800.00	8736.63	7367.58	6394.00
000029	00	780802PC0500285C2B.M1SOX.SOL	9013.27	1978.59	9772.50	9119.23
000030	00	780802PC0500285C2B.M2SOX.SOL	1786.73	8821.41	1027.50	1660.77
000031	00	780802PC0500285C2B.M2SOX.SOL	3989.11	8591.88	2020.68	952.44
000032	00	780802PC0500285C2B.M3SOX.SOL	6810.89	8529.54	6579.34	9047.56
000033	00	780803PC0500285C1B.M2SOX.SOL	00	7387.80	7868.98	8629.26
000034	00	780803PC0500285C1B.M2SOX.SOL	00	3402.11	2931.12	4170.74
000035	00	780803PC0500285C1B.M1SOX.SOL	917.57	6681.80	4287.94	1718.33
000036	00	780803PC0500285C1B.M1SOX.SOL	9882.43	4118.20	6512.06	9081.67
000037	00	780803PC0500285C1B.M2SOX.SOL	3311.45	4584.92	3335.10	376.25
000038	00	780803PC0500285C1B.M2SOX.SOL	7483.75	6211.88	7464.98	10423.75
000039	00	780803PC0500285C1B.M3SOX.SOL	1907.92	8573.36	1443.39	2550.13
000040	00	780803PC0500285C1B.M3SOX.SOL	8892.08	2222.80	9356.61	8249.87
000041	00	780803PC0500285C2B.M2SOX.SOL	00	8585.47	9741.18	8885.50
000042	00	780803PC0500285C2B.M2SOX.SOL	00	7211.39	7018.90	4914.41
000043	00	780803PC0500285C2B.M1SOX.SOL	1163.31	4371.48	1379.90	889.40
000044	00	780803PC0500285C2B.M1SOX.SOL	9676.69	6428.52	9420.10	9910.60
000045	00	780803PC0500285C2B.M2SOX.SOL	804.56	8507.89	2414.17	3463.13
000046	00	780803PC0500285C2B.M2SOX.SOL	9895.44	2202.87	8185.87	7336.87
000047	00	780803PC0500285C2B.M3SOX.SOL	390.87	6481.80	703.71	1151.77
000048	00	780803PC0500285C2B.M3SOX.SOL	10409.83	8529.54	8260.81	8852.41
000049	00	780804PC0500285C1B.M2SOX.SOL	00	2558.52	2430.44	2246.59
000050	00	780804PC0500285C1B.M2SOX.SOL	00	7271.00	3259.81	637.29
000051	00	780804PC0500285C1B.M1SOX.SOL	657.39	3529.00	7540.19	10162.71
000052	00	780804PC0500285C1B.M1SOX.SOL	10142.61	507.44	7719.77	647.81
000053	00	780804PC0500285C1B.M2SOX.SOL	00	9992.86	4000.00	10486.19
000054	00	780804PC0500285C1B.M2SOX.SOL	190.56	6651.47	1051.29	1051.29
000055	00	780804PC0500285C1B.M3SOX.SOL	10609.83	4184.28	7789.21	1795.21
000056	00	780804PC0500285C1B.M3SOX.SOL	00	2957.43	2899.05	3330.31
000057	00	780804PC0500285C2B.M2SOX.SOL	299.95	6802.74	430.57	203.02
000058	00	780804PC0500285C2B.M1SOX.SOL	10500.05	3997.26	10369.43	10596.98
000059	00	780804PC0500285C2B.M1SOX.SOL	1517.89	4672.75	805.12	1154.46
000060	00	780804PC0500285C2B.M2SOX.SOL	9282.11	1111.11	711.11	711.11
000061	00	780804PC0500285C2B.M2SOX.SOL	592.62	1111.11	1111.11	1111.11
000062	00	780804PC0500285C2B.M3SOX.SOL	10207.18	1111.11	1111.11	1111.11
000063	00	780804PC0500285C2B.M3SOX.SOL	00	3084.83	4319.49	2267.14
000064	00	780804PC0500285C2B.M3SOX.SOL	00	9318.70	1568.17	3468.41
000065	00	780804PC0500285C2B.M3SOX.SOL	334.35	1448.30	9231.83	731.59
000066	00	780804PC0500285C2B.M3SOX.SOL	10465.05	1448.30	9231.83	731.59
000067	00	780804PC0500285C2B.M3SOX.SOL	7162.04	9143.86	3331.20	847.52
000068	00	780804PC0500285C2B.M3SOX.SOL	3637.96	4184.28	7989.80	4823.88
000069	00	780804PC0500285C2B.M3SOX.SOL	614.70	1517.89	1111.11	1111.11
000070	00	780804PC0500285C2B.M3SOX.SOL	9985.20	1111.11	1111.11	1111.11
000071	00	780804PC0500285C2B.M3SOX.SOL	00	1111.11	1111.11	1111.11
000072	00	780804PC0500285C2B.M3SOX.SOL	00	1111.11	1111.11	1111.11
000073	00	780804PC0500285C2B.M3SOX.SOL	00	1111.11	1111.11	1111.11



000074	00	740821CC0F002F5C2E	M050X.SOL	.00	3983.08	2257.12	2447.09
000075	00	740821CC0500285C2B	M150X.INS	442.82	8746.22	260.39	265.37
000075	00	740821CC0500285C2B	M150X.SOL	10357.18	2053.78	10539.61	10534.63
000077	00	740821CC0500285C2B	M250X.INS	1370.88	876.07	688.73	687.07
000078	00	780821CC0500285C2B	M250X.SOL	9424.86	1410.88	10110.84	9827.43
000079	00	780821CC0500285C2B	M350X.INS	310.87	4307.89	372.09	289.99
000040	00	780821CC0500285C2B	M350X.SOL	10489.19	1492.20	10427.91	10510.01
000041	00	780821CC0500285C1B	M050X.INS	.00	7034.83	4048.27	4427.04
000042	00	740822CC0500285C1B	M050X.SOL	.00	3765.17	2751.73	2372.06
000043	00	780822CC0500285C1B	M150X.INS	1951.74	7094.43	2112.01	5295.76
000044	00	780822CC0500285C1B	M150X.SOL	9848.22	3705.57	8687.99	5504.24
000045	00	740822CC0500285C1B	M250X.INS	81.75	6175.01	1767.66	708.24
000086	00	780822CC0500285C1B	M250X.SOL	10714.75	4664.99	9532.34	10091.74
000087	00	780822CC0500285C1B	M350X.INS	231.88	7841.91	227.10	1497.43
000088	00	780822CC0500285C1B	M350X.SOL	18544.48	4784.89	18572.90	9382.87
000089	00	780822CC0500285C1B	M350X.INS	18544.48	4784.89	18572.90	9382.87
000047	00	740822CC0500285C2B	M050X.SOL	.00	4591.18	3890.58	3637.02
000048	00	780822CC0500285C2B	M150X.INS	2550.13	5929.70	2766.81	3631.63
000049	00	780822CC0500285C2B	M150X.SOL	8249.87	4490.30	4033.19	7168.37
000050	00	780822CC0500285C2B	M250X.INS	341.40	5570.12	198.23	143.21
000094	00	780822CC0500285C2B	M250X.SOL	10458.69	6229.88	10601.77	10656.79
000095	00	780822CC0500285C2B	M350X.INS	456.84	7795.72	733.19	913.73
000095	00	780822CC0500285C2B	M350X.SOL	10343.16	3004.28	10066.81	9886.27
000047	00	740823CC0500285C1B	M050X.INS	.00	7187.86	7656.88	6898.41
000108	00	740823CC0500285C1B	M050X.SOL	.00	3612.44	3141.77	1921.59
000109	00	780823CC0500285C1B	M150X.INS	1007.23	8065.17	1868.95	4620.20
000110	00	780823CC0500285C1B	M150X.SOL	9792.77	2734.83	8931.05	6179.80
000111	00	740823CC0500285C1B	M250X.INS	529.13	7459.67	851.80	658.65
000112	00	780823CC0500285C1B	M250X.SOL	10270.87	2900.43	9938.20	9841.45
000113	00	780823CC0500285C1B	M350X.INS	773.81	7357.97	689.23	366.51
000114	00	780823CC0500285C1B	M350X.SOL	10000.00	3442.08	10110.77	10483.49
000115	00	740823CC0500285C2B	M050X.INS	.00	5808.08	7691.41	6923.87
000116	00	780823CC0500285C2B	M050X.SOL	.00	4991.92	3108.59	3876.13
000117	00	740823CC0500285C2B	M150X.INS	2812.52	8654.96	2023.10	2758.18
000118	00	780823CC0500285C2B	M150X.SOL	7947.48	2145.34	8776.90	4041.62
000119	00	740823CC0500285C2B	M250X.INS	562.93	8082.45	2286.02	611.02
000110	00	780823CC0500285C2B	M250X.SOL	10237.07	2717.55	8504.98	10188.98
000111	00	780823CC0500285C2B	M350X.INS	1675.65	8465.17	1621.24	1100.26
000112	00	780823CC0500285C2B	M350X.SOL	9124.35	2334.63	9178.76	9699.74
000113	00	780824CC0500285C1B	M050X.INS	.00	3326.45	7894.19	6777.64
000114	00	740824CC0500285C1B	M050X.SOL	.00	3473.05	3105.81	4022.36
000115	00	740824CC0500285C1B	M150X.INS	3702.67	9025.42	3412.61	6978.92
000116	00	780824CC0500285C1B	M150X.SOL	7097.33	1774.58	7387.39	3821.08
000117	00	740824CC0500285C1B	M250X.INS	1122.40	8749.29	4321.64	4166.00
000118	00	780824CC0500285C1B	M250X.SOL	9677.60	2050.71	6478.36	6634.01
000119	00	780824CC0500285C1B	M350X.INS	2124.91	7812.34	422.60	3177.71
000120	00	780824CC0500285C1B	M350X.SOL	8675.09	2987.80	10377.98	7822.29
000121	00	780824CC0500285C1B	M350X.INS	10000.00	5286.43	6810.47	6584.74
000122	00	740824CC0500285C2B	M050X.SOL	.00	5534.17	4969.33	4273.25
000123	00	780824CC0500285C2B	M150X.INS	1392.19	6385.43	2246.36	2769.36
000124	00	780824CC0500285C2B	M150X.SOL	9407.82	4413.57	8553.94	4030.64
000125	00	740824CC0500285C2B	M250X.INS	814.87	6415.07	621.02	1141.88
000126	00	780824CC0500285C2B	M250X.SOL	9983.08	5384.97	10178.98	9658.15
000127	00	780824CC0500285C2B	M350X.INS	108.73	7107.39	1528.17	330.88
000128	00	780824CC0500285C2B	M350X.SOL	10691.27	4784.89	7275.83	10483.49

END ELT.

**MEIOFAUNA TAXONOMY**

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MEIOFAUNA - TAXONOMY

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13:24:05

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	10	80	120	44	124	994	1492	547
3450120499	?Lagenammina comprimata		11	5			137	62	
3450320401	Ammoscalaria pseudospiralis		11	5			137	62	
3450450103	Textularia earlandi							62	
3450540102	Eggerella bradyi				4				50
3453380101	Bulimineilla elegantissima		23				286		
3453380199	?Bulimineilla morgani	86	420	291	188	1069	5221	3617	2337
3453420109	Holivina lowmani	30	239	49	40	373	2971	609	497
3453460202	Bulimina marginata		11				137		
3454250101	Ammonia beccarii	6	45			75	559		
3454300109	Elphidium gunteri		6				75		
3454610299	?Nonionella basiloba	44	1079	328	248	547	13412	4077	3083
359999	?Holophryidae				4			50	50
37040105	GClytia		4					50	
3901	Turbellaria		4					50	
3960	Cestoda			4					50
43	Rhynchocoela	4				50			
46010101	Pycnophyes	2				25			
46010102	Trachydemus		4	4	8		50	50	99
46020101	Echinoderes		4	36	24		50	447	249
47	Nematoda		24	8	4		298	99	298
470304	Axonolaimidae		24		4		298		50
47030404	GParodontophora	9	24	4	39	112	598	50	485
470401	Linhomoeidra	18	48	8	13	224	597	99	162
47040103	Gterschellingia	175	494	40	100	2175	6140	497	1989
47040301	GSphaerolaimus	45			30	559			50
470404	GMonhysteridae								373
47040402	GMonhystera	5		4		62		50	
47040403	GTheristus	40	241	40	56	497	2996	497	696
47040405	Paramonhystera			28	9			348	112
47040501	Siphonolaimus	9				112			
47050201	Microlaimus	9				112			
470503	Desmodoridae		24				298		
47050305	Eubostrichus	5	24	4	13	62	298	50	162
47051001	GDorylaimopsis	5		12	9	112		149	112
47051002	GSabatieria	135	289	80	138	1678	3592	994	1715
47051004	Metacoemesoma	31	36	16	9	385	447	199	112
47051005	Paracoemesoma	5	24	4	13	62	298	50	162
470511	Chromadoridae	9		4	9	112		50	112
470512	Cyatholaimidae	148	169	112	86	1840	2101	1392	1069
470513	Choniolaimidae	13				162			
47060201	Desmoscolex	9				112			
47060202	Iricoma	5	12			62		149	
471109	Oxytominidae				13	62		149	
47110901	GHalalaimus		12	4	9			50	162
471114	GOncholaimidae	5				62		149	112
50014102	GAriceida				4				50
5001431701	Paraprionospio pinnata			4				50	
5001500307	Iharyx marioni		4				50		
5001600306	Notomastus latericeus			4	8			50	99
50016702	GAmpfarete				4			99	50
5001670208	Ampfarete acutifrons			8					
5001670211	Ampfarete americana	4				50			
50020302	Diurodrilus								50
55	Bivalvia								50
61190902	*Halectinosoma								50
6119150703	Normanella confluens								50
611928	Diosaccidae								50
6119280799	+Haloschizopera junodi				4				99
61192809	GStenhelia				4				50



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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	24	160	96	30	298	1989	1193	373
3450250107	Reophax scottii	2	4	34	4	25	50	423	50
3450450103	Textularia earlandi	2				25			
3450540102	Eggerella bradyi			4				50	
3453380199	?Buliminella morgani	118	399	305	104	1467	4960	3791	2039
3453420109	Bolivina lowmani	8	12	30	2	99	149	373	25
3453420199	*Bolivina simplex							99	25
3454250101	Ammonia beccarii	2	8	8		25		99	
34545201	Gviroulinella							50	
3454520299	?Fursenkoina complanata			16				199	
3454610299	?Nonionella basiloba	367	932	791	178	4562	11585	9832	2213
34901	Turbellaria			16				199	
46	Kinorhyncha	2	4			25	50		
46010102	Trachydemus			4				50	
46020101	Echinoderes			4				50	
47	Nematoda	8	28	4	12	99	348	50	149
470304	Axonolaimidae			4				50	25
47030404	GParodontophora			4	4			50	50
470305	Leptolaimidae			4				50	
47030501	GLeptolaimus		8				99		
470401	Linhomoeidae	6	32	32	6	75	398	398	75
47040103	GTeuschellinqua	60	124	44	42	746	1541	547	522
47040501	GSphaerolaimus	2		4		25		50	
47040402	GMonhystera	2	12		8	25	149		99
47040403	GItheristus	10	48	64	32	124	597	796	398
47040405	Paramonhystera	2		12	6	25		149	75
47040501	Siphonolaimus		4		4			50	
47050201	Microilaimus	2	8		4	25		99	
47050305	Eubostrichus		20	12	10		249	149	124
470505	Ceramonematidae			4				50	
470510	Comesomatidae	16				199			
47051001	GDorylaimopsis	32	64	16	10	398	796	199	124
47051002	GSabatieria	44	116	84	52	547	1442	1044	646
47051004	Metacomosoma	4	8	12	12	50		149	149
47051005	Paracomosoma	12	8	12	8	149		149	99
47051006	Laimella		4	8	8		50	99	99
470511	Chromadoridae			4	4			50	50
470512	Cyatholaimidae	4	28	24	4	50	348	298	50
470513	Choniolaimidae	2	4			25		50	
47060201	Desmoscolex			16	4			199	50
47110901	GHalalaimus			4				149	
5001220201	Sigambra tentaculata			4				50	
5001520105	Cossura delta			4				50	149
5001600306	Notomastus latericeus			4				50	
5001670211	Ampharete americana	4		4		50		50	
55	Bivalvia		4				50		
61190902	*Halectinosoma	2				25			99
611928	Diosaccidae			8					99
6119280799	*Haloschizopora junodi			8					99

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	88	172	120	96	1094	2138	1492	1193
3450120499	?Legammina comprina			9	8			112	99
3450250107	Keonhax scottii	4	20	4	16	50	249	50	199
3450320401	Ammoscalaria pseudospiralis	9	12		4	112	149		50
3450450101	Textularia earlandi		12				149		
3450540102	Eggerella bradyi	4	6			50	75		
345201	Miliolacea				4				50
3453380101	Bulliminella elegantissima			9	4			112	50
3453380199	?Bulliminella morgani	284	354	574	226	3530	4400	7135	2809
3453420109	Bollivina lowmani	31	58	46	12	385	721	572	149
3453540302	Epistominella vitrea	13				162			
3454250101	Ammonia beccarii	5	17		8	62	211		99
3454300109	Elphidium gunteri			9				112	
34545201	Virgulinea		6				75		
34545202	Fursenkoina		10		4		124		50
3454520203	Fursenkoina pontoni	4	6	9		50		112	
3454520299	?Fursenkoina complanata	27	35	9		336	435	112	
3454610299	?Nontonella basiloba	950	1676	2685	468	11809	20833	33375	5817
3540020199	?Tintinnopsis subacuta			4				50	
4601	Homalorhacida		4				50		
46010101	Pycnophyes		4	4				50	
46010102	Trachyderes		4	4				50	
46020101	Echinoderes	28	4	28	12	348	50	348	149
47	Nematoda	28	16	20		348	199	249	
47030201	Campylaimus		7	5			87		62
470304	Axonolaimidae			5					62
47030404	GParodontophora	19	41	26	25	236	510	323	311
470401	Linhomoeidra	33	34	31	51	410	423	385	634
47040103	Gterschellingia	176	273	174	278	2188	3393	1417	3456
47040402	GMonhystera		20	10			249	124	
47040403	Gtheristus	81	89	129	89	1007	1106	1603	1106
47040405	Paramonhystera	67	20	52	32	833	249	646	398
47040501	Siphonolaimus		7				87		
47050305	Eubostrichus		27	10	19		336	124	236
470505	Ceremonematidae	5	7			62	87		
47051001	RDorviatopsis				6				75
47051002	GSabatieria	114	55	145	202	1417	688	1802	2511
47051004	Metacomosoma	29	41	41	38	360	510	510	472
47051005	Paracomosoma		14	5			174		62
47051006	Laimella		20	5			249		62
470511	Chromadoridae	10		5					62
470512	Cyatholaimidae			5		124			62
470513	Choniolaimidae	43	75	26	63	534	932	323	783
47060201	Desmoscolex		7	5	13		87		62
471109	Oxystominidae	10	27	41	19	124	336	510	236
47110901	Halalaimus	10				124			
471114	Oncholaimidae	5		10	6	62		124	75
5001	Polychaeta		7				87		
51	Gastropoda		4				50		
6119150703	Normanella confluens		4	4	8	50	99	50	99
6119180199	+Nitocra reducta			4				50	
6119270401	Enhydrosoma longifurcatum			4	16			50	199
611928	Diosaccidae					50			
6119280799	+Haloschizopera junodi	4	8	4		50	99	50	
6119281001	+Typhlamphiascus lamellifer	4				50			
616202	Idoteidae				4				50

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	72	120		92	895	1492		1144
3450250107	Reophax scottii	14			39	174			485
3450320401	Ammoscalaria pseudospiralis		9				112		
3450450103	Textularia earlandi	7	27	2		87	336	25	
3450540102	Eggerella bradyi		9	2	20		112	25	249
3453380199	?Buliminella morgani	542	759	102	775	6737	9434	1268	9633
3453420109	Bulimina lowmani	7	27		29	87	336		360
3453540302	Edistominella vitrea		42	6			522	75	
3454250101	Ammonia beccarii	7	30	4	20	87	373	50	249
3454300109	Elphidium gunteri		9				112		
34545201	GVirguliniella				29				360
34545202	GFursenkoina	7	18		29	87	224		360
3454520203	Fursenkoina pontoni		9		10		112		124
3454520299	?Fursenkoina complanata	14	18		49	174	224		609
3454610299	?Nonionella basiloba	1715	2241	388	2707	21317	27856	4823	33648
359999	?Holophryidae	4				50			
3599999999	?Parodon marinus	4				50			
43	Rhynchocoela			4				50	
46	Kinorhyncha			2				25	
46010102	Irachydemus		4				50		50
46020101	Echinoderes		8		4		99		50
47	Nematoda	16	8			199	99		50
47030404	GParodontophora	4	8		30	50	99		373
470401	Linhomoeidra	8	36		60	99	447		746
47040103	GTerschellingia	68	44	16	196	845	547	149	2436
47040301	GSphaerolaimus	4			15	50			186
47040402	GMonhystera	16		4	98	199		50	1218
47040403	GTheristus	56	84	2	143	696	1044	25	1777
47040405	Paramonhystera		4		38		50		472
47050201	Microlaimus	12		10	23	149		124	286
47050305	Eubostrichus	12	16	2	8	149	199	25	99
470505	Ceramonematidae		4				50		99
47051001	GDorylaimopsis	8	8	8	8	99	99	99	99
47051002	GSabatieria	100	80		135	1243	994	99	1678
47051004	Metacoemesoma	16	4		30	199	50	25	373
47051005	Paracomesoma	28	8		30	348	99	55	373
47051006	Laimella	12	8	4	15	149	99	50	186
470511	Chromadoridae				53				659
470512	Cyatholaimidae	36	12		60	447	149		746
470513	Choniolaimidae	8	4		30	99	50		373
47060201	Desmoscolax	8	8		15	99	99		186
471109	Oxystominidae	4			15	50			186
47110901	GHelaeiimus	4			8	50			99
471114	Oncholaimidae		4				50	25	
5001	Polychaeta			2				25	
5001400306	Notomastus latericeus		4				50		50
611927	Cletodidae		4				50		50
6119280799	+Haloschizopera junodi	4				50			

344501	Gromiidae	10	12	30	8	124	149	373	99
3450250107	Keopnax scottii						25		
3450320401	Ammoscalaria pseudospiralis	2	2			25	25		
3450450103	Textularia earlandi							25	
3450540102	Eggerella bradyi			24	2			174	99
345201	Miliolacea			18	8		298		
3452140114	Bulinquiloculina vulgaris	10	20	6		124	249	174	
3453380101	Bulinella elegantissima		10	12	2		124	149	25
3453380199	?Bulinella morgani	4	4	18		50	50	99	
3453420109	Bollivina lowmani	34	82	178	4	423	1019	2213	50
3453420110	Bollivina striatula	2	4			25	50		
3453460202	Bulimina marginata							50	
3453670199	?Cibicides concentricus		20	40	8	447	771	497	99
3454250101	Ammonia beccarii	36	60	2			25		
34545202	GFursenkoina							50	
3454520299	?Fursenkoina complanata			20	8	124	249	25	99
3454610299	?Nonionella basiloba	10	20	2			50	25	
3514	Ciliata holotrichia	4	4						
351102	Scyphidiidae								
359899	?Oxytrichidae		2				25		
3701	Hydrozoa	2							
370303	Tubulariidae							25	
37040105	GClytia							25	
370405	Sertulariidae							25	
3901	Turbellaria	6		2		75	50	25	
43	Rhynchocoela						50		
46010101	Pycnophyes						25		
46020101	Echinoderes		1	14	4	99	149	174	50
47	Nematoda	2			16	25	99		199
470304	Axonolaimidae								
47030404	GParodontophora	16				199	50		
47030501	GLeptolaimus	8				99			
47030703	GCampcolaimus	4							
470401	Linhomoeidae			1	8	50			99
47040103	GTerschellinota	80	65	20	87	998	808	497	1081
47040301	GSphaerolaimus								
47040402	GMonhystera								
47040403	GTheristus	40	61	36	174	497	758	447	2163
47050201	Microaimus		4		8		50		99
47050305	Eubontrichus				16				199
470510	Comesonatidae	4	8			50	99		
47051001	GDorylaimopsis	8				99			199
47051002	GSabatieria	14	175	92	727	1827	2175	1144	9037
47051003	Cervonema						50		
47051004	Metacoemesoma	56	57	14	150	696	709	174	1864
47051005	Paracoemesoma	4				50			684
470511	Chromadoridae	44	23	26	40	547	286	323	497
470512	Cyatholaimidae	20	76	12	24	249	945	149	298
470513	Choniolaimidae	20			32	249			398
47060202	Tricoma	4	15	8		50	186	99	
471103	Ironidae	4	8	6		99	50	75	
47110901	GHalalaimus	4	8			50			99
47110902	GUXystomina								
471114	Oncholaimidae	44	27	12	47	547	336	149	584
5001220201	Sigambra tentaculata		2		16	25	25		199
5001431701	Paraprionospio pinnata					75			
5001600306	Notomastus latericeus	10	12			124	149		
5001670211	Ampharete americana	8	6	10	4	99	75	124	50
50017001	GChone			2				25	
51	Gastropoda	6		8		75		99	
55	Gyalvia	10		10	16	149	99	124	199
6117	Copepoda	10		6	4	199	25	75	50
6119	AHarpacticoida								50
611909	Ectinosomidae								
61190902	+Halectinosoma	18		6	8	224	23	75	99
61190902	GEctinosoma					99		99	99
6119150199	+Paraleoponte subterranea								
611918	Ameiridae								
61192704	GEnhydrosoma								
6119270406	GEnhydrosoma hopkinsi	1	2		4	224	25	50	50
611928	Diosaccidae								
6119280799	+Haloschizopera junodi								
61192809	GStenhella		6			75	75		50
612018	Sabelliphiidae	8		8					99
6158	AIsopoda								
616202	Idoteidae					50			



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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae	60	60	92	52	746	746	1144	646
3450320401	Ammoscalaria pseudospiralis	8			25	99			311
3450450103	Textularia earlandi	3				37			
3453380101	Bulliminella elegantissima	3		9		37		112	
3453380199	?Bulliminella morgani	256	308	209	152	3182	3828	2598	1889
3453420109	Bolivina lowmani	22		30	8	273		373	99
3453460202	Bullimina marginata	3				37		50	
3454250101	Ammonia beccarii	14	12		13	174	149		162
34545202	GFursenkoia				4				50
3454610299	?Nonionella basiloba	671	508	465	309	8341	6314	5780	3841
370401	Campanulariidae		4			25			
40	Gnathostomulida	2							50
43	Rhynchocoela				4				50
46	Kinorhyncha	2			4	25			50
46020101	Echinoderes			4				50	
47	Nematoda	12	52		16	149	646		199
47030201	Campylaimus				4				50
470304	Axonolaimidae		6	4		75		50	
47030404	GParodontophora	6	24	8		75	298	99	
470305	Leptolaimidae				4				50
470401	Linhomoeidae	26	18	20	4	323	224	249	50
47040103	Girschellinia	94	256	12	128	1168	3182	149	1591
47040301	GSphaerolaimus				8				99
47040402	GMonhystera		18	8			224	99	99
47040403	GItheristus	26	73	24	60	323	907	298	746
47040405	Paramonhystera		18	12	12		224	149	149
47040501	Siphonolaimus				4				50
47050201	Microlaimus	2			8	25			50
470503	Desmodoridae				8				99
47050305	Eupostrichus	12	43		4	149	534		50
47051001	GDorylaimopsis		30	16	20		373	199	249
47051002	GSabatieria	36	183	92	112	447	2275	1144	1392
47051004	Metacoeloma	4	43	36	40	50	534	447	447
47051005	Paracoeloma	8	6	8	28	99	75	99	348
470511	Chromadoridae	10	12	8		124	149	99	
470512	Lyatholaimidae	8	92	20	52	99	1144	249	646
470513	Choniolaimidae	8			12	99			149
47060201	Desmoscolex	2			8	25			99
471109	Oxystominidae		6				75		
47110901	GHalalaimus	6			4	75			50
5001500307	Iharyx marioni		4				50		
5001520103	Cossura delta	2		4		25		50	
50016702	GAmpharete		4				50		
5001670211	GAmpharete americana			8				99	
6119150703	Normanella confluens	2				25			

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32	62	104	6	398	1019	1293	75
3450120499	?Lagenammina comprina			4			25	50	
3450450103	Textularia earlandi	2	2		2	25	25		25
3450540102	Eggerella bradyi	4				50			
3451380101	Bulliminea elegantissima	4		25	2	50		311	25
3451420199	?Bulliminea morgani	47	324	261	30	584	4027	3244	373
3451420109	Bulliminea lowmani	45	24	37	22	559	298	460	273
3453540302	Epistominella vitrea	45		12		99		149	
3454250101	Ammonia beccarii	2	7	13	4	25	87	162	50
34545201	GVirgulinea			4				50	
3454520203	Fursenkoina pontoni	4				50			
3454520299	?Fursenkoina complanata		4	50			50	621	
3454610299	?Nonionella basiloba	244	218	526	42	3033	2710	6538	522
3514	Ciliatea holotrichia		2				25		
3529	Ciliatea peritrichia	2				25			
35400201	Hydrozoa		2				25		
3701	Hydrozoa		2				25		
37040105	GClytia			4				50	
3901	Turbellaria	2				25			
43	Rhynchocoela	2		4		25		50	
46010101	Pycnophyes		2				25		
46020101	Echinoderes	4	6	8		50		99	
47	Nematoda	2	2	4	8	25		50	99
470304	Axonolaimidae		2				25		
47030404	GParodontophora	12	6	4	4	149		50	50
470305	Leptolaimidae							50	
470401	Linhomoeidra	32	6	24	4	398	75	298	50
47040103	Gierschellingia	83	31	108	6	1032	385	1342	771
47040301	GSphaerolaimus		2	12		25		149	25
47040402	GMonhystera	40			10	497		124	75
47040403	GTeristus	95	46	44	6	1181	572	547	
47040404	Amphimonhystera		2				25		
47040405	Paramonhystera	32	10	20	2	398	124	249	25
47040501	Siphonolaimus			4				50	
47050201	Microaimus		4				50		
470503	Desmodoridae	4				50			
47050305	Eubostriachus	20		20		249		249	
470510	Lomesomatidae		4				50		50
47051001	GDorvilleopsis	8	33	16	4	99	410	199	
47051002	GSabatieria	163	98	96	18	2026	1218	1193	224
47051004	Metacomesome	36	27	44	4	447	336	547	50
47051005	Paracomesome	4	8		14	50	99		178
47051006	Laimelia				8				99
470511	Chromadoridae	12	2	8		149	25	99	
470512	Cyatholaimidae	28	6			348	75		
470513	Choncholaimidae		4	20			50	249	
47060201	Desmoscolex	4				50			
471109	Dysstominidae	4	2			50			
47110901	GHalainus	16		16		199		199	
471114	Uncholaimidae	4		4		50		50	
5001220201	Sigambra tentaculata		2				25		
5001250115	Nephtys incisa	2				25			
5001431701	Paraprionospio pinnata	2			2	25			25
50016702	GAmpharete		2				25		
5502040213	Nuculana concentrica		4				50		
6117	Copepoda	4				50			
611927	Cletodidae	4				50		50	
6119270401	Enhydrosoma longifurcatum			4				50	
611928	Diosaccidae			4				50	
6119280799	+Haloschizopera junodi	4				50			

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Code	organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosa	2				25			
344501	Groniidae	36	80	84	124	447	994	1044	1541
3450120498	?Lagenammina diflugiformis		2				25		
3450120499	?Lagenammina conprina		10	9	4		124	112	50
3450320401	Ammoscalaria pseudospiralis	2	6	5	28	25	75	62	348
3450540102	Eggerella bradyi	8				99			
3453380199	?Buliminella morgani	102		204	212	126A		2536	2635
3453420109	bolivina lowmani	60		168	32	746		208A	398
3453420110	bolivina striatula				8				99
3453540699	+Discorbis nitida				4				50
3453670199	?Cibicides concentricus				4				50
3454250101	Ammonia beccarii	6		18	12	75		224	149
34545202	Gurgenkoia				8				99
3454610299	?Nonionella basiloba	142		640	296	1765		7955	3679
3901	Turbellaria		8		4		99		50
43	Rhynchocoela		2	4			25		50
46010102	Trachydemus		8	4			99		50
46020101	Echinoderes		28	88	36		348	1094	447
47	Nematoda		10				124		99
47030404	GParodontophora	17	33	57	20	211	410		249
470401	Linhomoeidra	276	280	120	12	348	87	485	149
47040103	Gterschellinia			7	8A	3431	3480		1094
47040501	Gsphaerolaimus							87	
470404	Monhysteridae	11	7					87	
47040402	GMonhystera			14				174	
47040403	Gtheristus	124	124	149	68	1541	1541	1852	845
47040405	Paramonhystera				20				249
47040501	Siphonolaimus		13		4		162		50
470503	Desmodoridae			14	4			174	50
47050305	Eubostrichus	17	26	64	4	211	323	796	50
470505	Ceramonematidae			14				174	
47051001	GOrvliamopsis	11	7	14	4	137	87	174	50
47051002	GSabatieria	208	182	241	100	2585	2262	2996	1243
47051004	Metacomesoma	23		35	16	286		435	199
47051005	Paracomesoma			7				87	
470511	Chromadoridae	39	46	57	20	485	572	709	249
470512	Cyatholaimidae	28	52	127	48	348	646	1579	597
470513	Chontolaimidae		7	7			87		87
47060201	Desmoscolex			35	4			435	50
47060202	Tricoma	6	13	7	4	75	162	87	50
471103	Ironidae			7				87	
47110901	GHalolaimus	6	26	21	4	75	323	261	50
471114	Uncholaimidae	17	7	4		211	87		50
5001220201	Sigambra tentaculata		2	4			25		50
5001430502	Prionospio cirrifera			4				50	
5001520103	Cossura delta	2				25			
5001600306	Notomastus latericeus	4	8	4	8	50	99	50	99
5001670211	Ampharete americana	2	2	4	4	25	25	50	50
50020302	Dicordrilus				4				50
55	Bivalvia				4				50
5922	Acarina		6				75		
6117	Copepoda	2	4			25	50		
6119	Aharpacticoida			12			50	149	
61190903	+Halectinosoma	2		4		25		50	
6119150703	Normanella confluens				12				149
6119150799	+Normanella minuta	4	10	8		50	124	99	
611927	Cletodidae				4				50
61192704	GEnhydrosoma	2	4		4	25	50		50
6119270401	Enhydrosoma longifurcatum			8				99	
6119280799	+Haloschizopera junodi		6	16	4		75	199	50
6119281001	Lophlamphiascus lamellifer		2				25		
6120	Alveolopoda			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Diffugiidae				4				50
344501	Gromiidae	140	132	184	160	1740	1641	2287	1989
3450250107	Neophax scottii	4	4		8	50			99
3450320401	Ammoscalaria pseudospiralis				8		50		99
345201	Miliolacea				16				199
3452140112	Guinqueloculina comata				8				99
3452140114	Guinqueloculina vulgaris				4	50			50
3453380101	Buliminella elegantissima	4		40		149		497	
3453380199	?Buliminella morgani	20	12	16	16	249	149	199	199
3453420109	Bolivina lowmani	16	28	44	48	199	348	547	597
3453420110	Bolivina striatula				4				50
3453670199	?Cibicides concentricus				4				50
3454250101	Ammonia beccarii	28	12	56	48	348	149	696	597
3454300109	Elphidium gunteri				4				50
34545202	Eursenkoina			8					99
3454610299	?Nonionella basiloba	248	40	304	120	3083	497	3779	1492
359999	?Holophryidae				8				49
370401	Campanulariidae				4				50
3901	Turbellaria	4	4		4	50	50		50
43	Rhynchocoela			8				99	
46010102	Trachydemus	4		4	4	50		50	50
46020101	Echinoderes	16		32	20	199		398	249
47	Nematoda		12	16	12		149	199	149
47030201	Campylaimus				6				75
47030401	GAxonolaimus				6				75
47030404	GParodontophora				18				224
470305	Leptolaimidae		9	17	6		112	211	75
470401	Linhomoeidra		18	69	26		224	458	298
47040103	Gierschellinia		171	164	53		2126	2039	659
47040301	GSphaerolaimus			9				112	
470404	Monhysteridae			17				211	
47040402	GMonhystera			17				211	75
47040403	GTheristus		144	121	124		1790	1504	1541
47040501	Siphonolaimus		9		6		112		75
470503	Desmodoridae				12				149
47051001	GDorylaimopsis				16				224
47051002	GSabatieria		477	492	314		5929	6116	3903
47051004	Metacomesoma		90	43			1119	534	
47051005	Paracomesoma			9				112	
470511	Chromadoridae		27	86	65		336	1069	808
470512	Cyatholaimidae		126	52	89		1566	646	1106
470513	Chontolaimidae		27	26	18		336	323	224
47060202	Iricoma		18	35	12		224	435	149
471103	Ironidae		18		12		224		149
47110901	RHalalaimus			9	12			112	149
471114	Oncholaimidae		27	60	47		336	746	584
5001060302	Stenelais boa			4				50	
50014102	GAricidea				12				
5001600306	Ntomastus latericeus		12		16		149		149
5001670211	Ampharete americana		4				50		199
5004	Oliochaeta					50			
55	divalvia	4			12				149
6117	Copepoda				24				298
61190902	*Halectinosoma		16	12	8		199	149	99
611927	Cletodidae		16	4			199	50	99
6119270406	Enhydrosoma hopkinsi			4	8			50	99
611928	Diosacidae				8				99
6119280799	*Haloschizopora jundt				8				50
61192809	GStenella			8	8			99	99
616202	Idoteidae				8				99

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Code	Organism name	A	B	C	D	A/a	R/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammina compta			12	6			149	75
3450250107	Reophax scottii				2				25
3450450103	Textularia earlandi								25
3450450201	Bigenerina irregularis	2				25		25	
345201	Miliolacea	2	2						
3452140114	Quinqueloculina vulgaris			20	12	25	25	249	149
3453380101	Buliminella elegantissima			2				25	
3453380109	?Buliminella morgani	4	8		2	50	99		25
3453420109	Bolivina lowmani	4	12	10	12	50	149	124	149
3453420110	Bolivina striatula		4				50		
3454250101	Ammonia beccarii	12		14	6	149		174	75
3454520299	?Fursenkoina complanata	2				25			
3454610299	?Nonionella basiloba	10	2	12	26	124	25	149	323
3514	Ciliatea holotrichia			2				25	
3529	Ciliatea neritrichia	2				25			
370401	Campanulariidae			2				25	
3701	Turbellaria	4	6	2		50	75	25	
46010101	Rhynchocoela	2		2		25		25	
46019999	?Pycnophyes		2	2				25	
46020101	Echinoderes	8	6	8	10	99	25	99	124
46029999	?Cateria			4				50	
47	Nematoda	12		10	8	149		124	99
470304	Axonolaimidae		2						
47030401	GAxonolaimus			3				37	
47030404	GParodontophora	2		9	14	25		112	174
47030703	GCamaecolaimus			3				37	
470401	Linhomoeidae		2	6	8		25	75	99
47040103	Clonorchis	32	2	20	28	398	25	249	348
47040301	GSphaerolaimus				6			75	
47040402	GMonhystera				3			75	
47040403	Giberistus				7			75	
47050201	Microcolaimus	24	4	64	58	298	50	796	721
470503	Desmodoridae	4	6			50	75		
47050305	Eubostrichus	2				25			
47051001	GDorylaimopsis	8	2		3		25		37
47051002	GSabatieria	100	22	75	11	99	273	932	1852
47051004	Metacoeloma	12	2	29	11	149	25	360	137
47051005	Paracoeloma				8				99
470511	Chromadoridae	18	4	38	11	224	50	472	137
470513	Cyatholaimidae	18	6	19	17	224	75	186	211
470515	Choniolaimidae	18		9	11	50		112	137
47060202	Tricoma					25			
471103	Ironidae			3	3			37	37
47110401	GAnticoma					25			
47110901	GHelicelaimus		2	9			25	112	
471114	Uncholaimidae		8	29	44	348	50	360	547
471199	?Enchelididae	2				25			
5001220201	Sigambra tentaculata	4				50			
5001250115	Nephtys incisa			2	2			25	25
5001431701	Parapionosoma pinnata	6			4	75		25	50
5001440109	Magelona phyllisae								
5001600306	Notomastus latericeus	2		8	2	25	25	99	25
5001670211	Ampharsete americana			20	6	25	75	249	75
5004	Oligochaeta		4				25		
55	Bivalvia			6		50	50	75	
611313	Cytheruridae		4			25			
6117	Copepoda		2	28		25		348	
6118	Acalanoida			4				50	
6118290104	ACartia tonsa				236				2933
6118	Ampacticoidea			2				25	
611909	Ectinosomidae			4				50	
61190902	*Halectinosoma	2			2	25			25
611918	Ameiridae		2	2			25	25	
611927	Cletodidae								
61192704	GENhydrosoma	4				50			
6119270402	Enhydrosoma propinquum	2			2	25			25
6119270406	Enhydrosoma hopkinsi		8	8	2		99	99	25
611928	Otosaccidae			2				25	
6120050105	GStenella	2	2	22	6	25	25	273	75
612018	Engaeilius versicolor				4			50	
612018	Sabelliidae				2			25	
8104	Asterioidea	2				25			

344201	Diffugiidae				4					50	
344501	Gromiidae										2585
3450320401	Ammoscleria pseudospiralis	80	32	116	208	994	398	1442	2585	261	
3450540102	Eggerella bradyi			4		75		50		945	
345201	Miliolacea	28			76	348					
3452140112	Quinqueloculina coepta	4				50					
3452140114	Quinqueloculina vulgaris	14				174	522	323	398		
3453380101	Buliminella elegantissima	42	42	26	32	21		323	261		
3453380199	?Buliminella morgani	6		4		75		99	50	99	
3453420109	Bolivina loweant	68	10	24	105	845	124	298	1305		
3453420110	Bolivina striatula	74			17	920	65	50	211		
3453460202	Bulimina marginata			2			25				
3453460108	Rosalina floridana	2									
3453460999	?Discorbis nitida										
3453670199	?Cibicides concentricus				2	4			25	50	
3454250101	Ammonia beccarii			16				199			
3454300109	Elphidium gunteri	108	140	28	387	1342	1740	348	4810	162	
34543201	Gursonkoia			2				25			
3454320203	Fursenkoia pontoni	2		8	13	25	25	99			
3454320299	Fursenkoia complanata			4					50		
3454370110	Cassidulina crassa					25					
3454610299	?Nonionella basiloba	2									
3454650201	Meionia pompilioides	128	46	70	53	1591	572	870	659		
359999	?Hologryidae				2	4		99	25	50	
3701	Hydrozoa										
370303	Tubulariidae				4	4			50	50	
370306	Corynidae										
370401	Campanulariidae				4	8			50	99	
3901	Turbellaria	2		20		25		249			
46	Kinorhyncha					50					
46010102	Trachydemus	48	9	4				25	50		
46020101	Echinoderes			168	128	597	1144	2088	1591		
46049999	?Ceteris							25			
47	Nematoda	6	10	16	8	75	124	199	99		
470304	Axonolaimidae				15			186			
47030404	GParodontophora	28	30	30	348	249		373	186	746	
470305	Leptolaimidae										
47030501	Gleptolaimus	19				236					
470310	Triplaxiidae			7					87		
470401	Linhosopidae	19	34		15	236	423		186		
47040103	Gierscheilingia	130	20	251	151	1616	249	3120	1877		
47040301	GSpaerolaimus	28				348					
47040403	GTheristus	38	34	296	151	348	423	3679	1877		
47050201	Microilaimus	28									
470503	Desmodoridae				15				186		
47050305	Eubostriachus			15					186		
47051001	GDorylaimopsis	46			15	572			186		
47051002	GSabatieria	334	323	635	407	4155	4015	7893	5059	746	
47051004	Metacoeloma	83		207	60	1032		2573	186		
47051005	Paracoeloma		7	59			87	733			
47051006	Laimella			15					186		
470511	Chromadoridae	56	195	74	196	696	2424	920	2436		
470512	Cyatholaimidae	65	61	162	196	808	758	2014	2436		
470513	Chonotritidae	46	47	30	45	572	584	373	559		
47060201	Desmoscolex			34	45	460		423	559		
47060202	Tricoma	37			45	112		336	559		
471103	Tronidae	19				236					
471109	Oxytrematidae			13				162			
47110901	GHelaeilaimus	9		13	15	30	112	162	186	373	
47110902	GXystoaima	9					112				
471114	Oncholaimidae	102	87	177	181	1268	1081	2200	2250		
5001	Polychaeta							25			
5001060302	Sthenelais boa			2				50			
5001220201	Sigambra tentaculata	2		4		25					
5001250115	Nephtys incisa				4				25	50	
5001431701	Paraprionospio pinnata			2				25	25		
5001440109	Magelona phyllisae			2				25	25		
5001500307	Tharyx marioni					99		99	298		
500160306	Notomastus latericus	8	4	8	24	298	423	149	298		
5001670211	Ampelisca americana	24	34	12	4	25		50	249		
55	Bivalvia	2		4	20	25		50	249		
6117	Copepoda	32		48	52	398		597	646		
61182901	GAcartia			2				25			
61190902	GAtectinosoma	6				75					
61190902	GAtectinosoma		30	16	68		373	199	845		
611918	Ameiuridae	6		8		75		99	50		
611927	Cletodidae	6				75					
61192704	GEnhydrosoma			4	20	8		249	99		
6119270406	Enhydrosoma hopkinsi	6		40	20	75		497	249		
6119280799	+Haloachizopera junodi	10				24		50			
61192809	GStenella	18	44	52	28	224	547	646	348		
6119	Alycloopida			4				50			
612018	Sabelliphiidae				4				50		
616202	Idoteidae	6	8		4	75	99		50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	92	56	40	76	1144	696	497	945
3450250107	Reophax scottii	8	4		8	99	50		99
3450320401	Ammoscalaria pseudospiralis	12			4	149			50
3450540102	Eggerella bradyi				36	348	398		447
345201	Miliolacea	28	32		12	348	249	410	149
3452140114	Quinqueloculina vulgaris	52	20	33	20	646	99	249	
3453380101	Bulliminea elegantissima	16	20	12	4	199	249	149	50
3453380199	?Bulliminea morgani				36	1840	298	1168	447
3453420109	Bollivina lowmani	148	24	94	8	199	99	99	99
3453420110	Bollivina striatula	16	8	4					
3453420199	+Bollivina simplex						50	50	
3453540699	+Discorbis nitida		4	4			50	50	
3454250101	Ammonia beccarii	132	48	61	20	1641	597	758	249
3454300109	Elphidium gunteri	4	4			50	99		
34545202	GFursenkoina	20		8		249		99	
3454520299	?Fursenkoina complanata		4				50		
3454610299	?Nonionella basilloba	176	100	106	136	2188	1243	1318	1690
3529	Ciliata peritrichia				4				50
3701	Hydrozoa	4				50			
370306	Corvniidae			4				50	
37040105	GClytia			8				99	
3901	Turbellaria	8	8	8		99	99	99	
43	Rhynchocoela		4				50		
46	Kinorhyncha				4				50
46010101	Pycnophyes			8				99	
46020101	Echinoderes	20	4	28	8	249	50	348	99
460299	?Sennoderidae								
47	Nematoda	8		16	20	99		199	249
47030404	GParodontophora	33	10	43	8	410	124	534	99
47030501	GLEptolaimus			17				211	
470401	Linhomoeidra				16				199
47040101	GEleutherolaimus			17				211	
47040103	Gierschellinia	66	40	85	32	820	497	1057	398
47040301	GSphaerolaimus			17	12			211	149
47040403	Gtheristus	133	61	111	84	1653	758	1380	1044
47050201	Microilaimus	22				273			
470503	Desmodoridae	11	5		4	137	62		50
470505	Ceramonematidae	22				273			
470510	Comesomatidae		5				62		
47051001	GDorylaimopsis		20		8		249		99
47051002	GSabatieria	586	263	383	84	7284	3269	4761	1044
47051004	MetaComesoma	33	46	136	32	410	572	1690	398
47051005	Paracomesoma	33		26	4	410		323	50
470511	Chromadoridae	99	30	85	48	1231	373	1057	597
470512	Cyatholaimidae	144	20	77	20	1790	249	957	249
470513	Lihontolaimidae	33	15	51	12	410	186	634	149
47060201	Desmoscolex							112	
47060202	Iricoma		10	26			124	323	
47110401	GAnticoma				12				149
47110901	GRaistrimius	33				410			
471114	Oncholaimidae	99	61	119	48	1231	758	1479	597
47111406	GViscosia	44				547			
5001220201	Sigambra tentaculata			4	4			50	50
5001431701	Paraprionospio pinnata	4	8			50	99	50	99
5001600306	Notomastus latericeus	24		4	8	298	99	249	
5001670211	Ampharete americana		8	20	28	447	50	348	308
55	Bivalvia	36	4	28	4				50
5922	Acartia								
6111	Copepoda	144	20	32	12	1790	249	398	149
61190902	+Halectinosoma				8				99
61190902	Gectinosoma							298	
611918	Ametridae				24			50	
611927	Cletodidae				4			99	
61192704	GEnhydrosoma				8				
6119270406	Enhydrosoma hopkinsi					4			50
611928	Diosaccidae					4			50
6119280799	+Haloschizopera Junodi							50	
61192809	GStenhella		36	26	12		447	249	149
612018	Sabelliphilidae			4	4			50	50

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosa	8				99			
344501	Gromiidae	424	164	348	416	5270	2039	4326	5171
3450250107	Neophax scottii	18	20	16	8	224	249	149	99
3450320401	Ammoscalaria pseudospiralis			4	4			50	522
3450450201	Gigenerina irregularis			4				50	
3450540102	Eggerella bradyi	2	8	4		25	99	50	
345201	Miliolacea	2	4	4		25	50	50	
3452140112	Quinqueloculina compta				2				25
3452140114	Quinqueloculina vulgaris	2		4	4	25		50	50
3452140116	Quinqueloculina sabulosa	2				25			
3453380101	Bulliminea elegantissima	22		4	4	273			50
3453380199	?Bulliminea morgani	18	20	4	34	224	249	50	423
3453420109	Bolivina lowmani	56	64		42	696	796	50	523
3453420110	Bolivina striatula			4	4			50	99
3453460202	Bullimina marginata			4	4			50	50
3453670199	?Cibicides concentricus	6	4	4		75		50	
3454250101	Ammonia beccarii	36	92	24	76	447	1144	298	945
3454300109	Elphidium gunteri	4			21	50		50	261
34545201	Gibulinella		8	4				99	
34545201	Gibulinella		4					50	
3454520599	?Fursenkoina complanata	12	4			149		50	
3454610299	?Nonionella basiloba	478	460	136	270	5942	5718	1690	3356
370401	Campanulariidae		4		4			50	20
3901	Turbellaria			4	4			50	50
43	Rhynchocoela			4	4			50	
46	Kinorhyncha			4	4			50	
46010101	Pycnophyes			4	4			50	50
46010102	Irachydemus			4	4			50	50
49020101	Echinoderes	32		24	28	398		298	348
47	Nematode			4	4			50	99
47030404	GParodontophora	39	37	4	24	485	460	50	298
470401	Linhomoeidra	10	22			124	273		
47040101	GEleutherolaimus	10			4	124			99
47040103	GErschellinia	118	256	60	106	1467	3182	746	1318
47040301	GSphaerolaimus	10	7		8	124		87	99
47040403	GTheristus	137	147	106	203	1703	1827	1318	2523
47040405	Paramonhystera	10				124			
47050201	Microlaimus			4	8				99
47051001	GDorvillainopsis	20	22	4	32	249	273	50	398
47051002	GSabatieria	441	300	225	366	5482	3729	2797	4549
47051003	Parvonea	10				124			
47051003	Parvonea	137	73	89	41	1703	907	1106	510
47051005	Metacomesoma	10			16	124			199
47051005	Paracomesoma	10		4	4	124		50	298
470511	Chromadoridae	69	37	4	24	858	460	50	298
470512	Cyatholaimidae	59		43	24	733	460	534	298
470513	Choniolaimidae		22			273			99
47060202	Iricoma	20	24			249	547		
471103	Iricoma	10	29		8	124	360		99
471103	Iricoma		37	4	16		460	50	199
47110901	Ghalalaimus	29	51	34	32	360	634	423	398
471114	Oncholaimidae			4	4			50	50
5001250115	Nephtys incisa			4	4			50	99
5001431701	Paraprionospio pinnata			4	4			50	99
5001600306	Notomastus latericeus		16	4	16		199	99	199
5001670211	Ampharete americana	4			12	50		50	149
50017001	GChone			16	12			199	149
55	Bivalvia	8	12	16	12	99	149	199	149
6113	Apodocopa			4	4			50	50
6113	Apodocopa	24	24	20		298	298	249	
6113	Apodocopa	8	8	4	8	99	99	50	99
61190902	*Mallectinosoma		4	4				50	
611918	Ameiidae			4	8			50	99
611927	Cladidae	4		8	8	50		99	99
6119270406	Enhydrosoma hopkinsi	12	28	4		149	348	50	99
611928	Diosaccidae			4	8			50	99
6119280799	*Haloschizopera junodi	40	16		8	497	199	99	99
61192809	GStennella	8	8	12	4	99	99	149	99
612018	Sabelliphiidae				4				50



344501	Gromiidae	6	6	10	8	75	75	124	99
3450250107	Reophascotti			2				25	
3450320401	Amnoscalaria pseudospiralis				2				25
3453380101	Buliminella elegantissima		2				25		
3453380199	?Buliminella morgani			2			50	25	25
3453420109	Bolivina lowmani		2		2				
3453420110	Bolivina striatula		2						
3454250101	Ammonia beccarii	4	2			50		25	
3454300109	Elphidium gunteri								
34545202	Gfursenkoina								
3454610299	?Nonionella basiloba	22	2	8	2	273	348	99	25
370401	Campanulariidae		2				25		
3901	Turbellaria			4	2			50	25
46020101	Echinoderes			4				50	
47	Nematoda	10		10	8	124		124	99
47030401	GAxonolaimus	4		3		50		37	
47030404	GParodontophora			3	9			37	112
470305	Leptolaimidae	8				99			
470401	Linhomoeidra			3	18			37	224
47040101	GEleutherolaimus				2				25
47040103	Girschellingia	20	33	23	50	249	410	286	373
47040403	Gtheristus	71	35	23	35	883	435	286	435
47050201	Microilaimus	4			5	50		62	
470510	Comesonatidae								
47051001	GDorylaimosis		10	5			124	62	
47051002	GSabatieria	267	148	176	136	3319	1840	2188	1690
47051003	Cervonema								
47051004	Metacomsona	55	64		5	684	845	37	62
47051005	Paracomsona	30				485		37	
470511	Chromadoridae	34	18	31	32	199	224	385	398
470512	Cyatholaimidae	36	45	33	7	684	559	410	87
470513	Choniolaimidae	8		5	7	99		62	87
47060202	Tricoma							62	
471103	Ironidae				2				25
471114	Oncholaimidae	43	5	18	21	534	62	224	261
5001220201	Sigambra tentaculata			2				25	
5001250115	Nephtys incisa								25
5001431701	Paraprionospio pinnata				10				124
5001440109	Magelona phyllisae	2	2			25			
5001500307	Iheryx marioni						25		
5001600306	Notomastus latericeus			2	2			25	25
5001670211	Ampharete americana							50	25
51	Gastropoda							25	149
52	Bivalvia							25	
6113	Apodocopa							25	
6117	Copepoda	2	2	10	10	25	25	124	124
611909	Ectinosomidae						25		50
61190902	*Halectinosoma								25
6119100401	Zausodes arenicolus				2				25
611918	Ameiridae	2	4			25	50		
611927	Cletodidae				2				25
61192704	GEnhydrosoma	2				25			
6119270406	Enhydrosoma hopkinsi	2				25		50	
611928	Dioneciidae								
61192809	GStenhellia	6	6		8	75	75	25	99
612018	Sabelliphilidae	2				25		25	
616202	Idoteidae		2				25		

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Code	Organism name	A	B	C	D	A/a	R/a	C/a	O/a
344501	Gromiidae								
345201	Miliolacea	4	24	2		50	298	25	
3453420110	Bolivina striatula				4	50			50
3454250101	Ammonia beccarii		4				50		
3454610299	?Nonionella basiloba	2	8			25	99		
3514	Ciliata holotrichia	24	16		32	298	199		398
3701	Hydrozoa		4				50		
3901	Turbellaria		4				99		
46	Kinorhyncha		4				149		
46010102	Trachydemus	2	4	2		25	50		
46020101	Echinogeres	36	36	12		447	447	149	
460299	?Sennoderidae		4				50		
47	Nematoda			2	12			25	149
470304	Axonolaimidae	8		2	4	99		25	50
47030404	Parodontophora	8	32	18		99	398	224	
47030501	Leptolaimus	6	8			75	99		
470401	Linhomoeidra		8	6	4	25	99	75	50
47040101	GEleutherolaimus					25			
47040103	Gierschellingia	24	48	4	112	298	597	50	1392
47040301	GSpaerolaimus		2		8		25		99
47040403	GHeristus	40	52	12	60	497	646	149	746
47050201	Microilaimus	8	4			99	50		
470503	Desmodoridae			2				25	
47051001	Gdorylaimopsis	8	8			99	99		
47051002	GSabatieria	100	124	22	200	1243	1541	273	2486
47051004	Heteromesoma	24	92			52	798	1144	646
47051005	Paracomesoma					4			50
470511	Chromadoridae	18	36	14	4	224	447	174	50
470512	Cyatholaimidae	10	8	4	24	124	99	50	294
470513	Choncolaimidae	6	16		12	75	199		149
47060201	Desmoscolex	12				149			
47060202	Iricoma	8				99			
471103	Ironidae	8	8			99	99		
47110901	GHalalaimus		20				249		
47110902	Goxystomina	6				75			
471114	Oncholaimidae	30	44	4	56	373	547	50	696
5001220201	Sigambra tentaculata	4				50			99
5001250115	Nephtys incisa				8			25	
5001430502	Prionospio cirrifera			2					50
5001431701	Paraprionospio pinnata	4			4	50			
5001600306	Notomastus latericeus	4	8	8		50	99	99	50
5001670211	Ampharete americana	12		4		149		50	
50017001	GChone	2				25			
55	Bivalvia	4	4			50	50		
6117	Copepoda	4	4			50		25	50
6118	Calanoida			2	4				
6118040102	Paracalanus crassirostris		4				50		
61190902	*Halectinosoma	12	12	4		149	149	50	
61190902	Gctinosoma		8				99		
6119100401	Zausodes arenicolus		4				50		
611918	Ameiridae		4	2			50	25	
611927	Cletodidae			2				25	
61192704	GEnhydrosoma	4	4			50	50		
6119270406	Enhydrosoma hopkinai	6	4	2	4	75	50	25	50
611928	Diosaccidae		4				99		
6119280799	*Haloschizopera junodi		4				50	75	
61192809	GAnabella	2	12	8		25	149	99	
612018	Sabelliphiidae		8						
616202	Idoteidae		12				149		

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Code	Organism name	A	R	C	D	A/a	R/a	C/a	D/a
344501	Gromiidae								
344502	Euglyphidae	14	4	24	24	174	50	298	298
3450120499	?Legenaminia comprima							50	
3450120401	Ammoscalaria pseudospiralis				4				50
3450450103	Textularia earlandi				12				149
3450450105	Textularia conica					25		50	
3450450201	Bigenenerina irregularis					149			
345201	Miliolacea					124		50	
3452140112	Quinqueloculina compta	10		4	4				50
3453030906	?Lagena spicata		19				236		50
3453380199	?Bulliminea morgani		10				124		
3453420109	Bullimina lowmani	72	406	255	264	895	5047	3170	3282
3453460202	Bullimina marginata		19		32		236	970	398
3453480296	?Trifarina oella	2			4			50	50
3453530101	Cancris aegra	4				25		50	50
3453560104	Enonides antillarum		5		4			62	50
3453670199	?Libicides concentricus				4			50	50
3454250101	Ammonia beccarii		24	20	64		298	249	796
3454300109	Elphidium gunteri			66	16			820	199
3454520203	Fursenkoina pontoni	4	10		12	50	124		149
3454520299	?Fursenkoina complanata		5		6			62	99
3454610109	?Forrilius atlanticus	2	5		8	25	62		50
3454610299	?Nontonia basiloba		5		8			62	99
3514	Ciliates holotrichia	80	578	412	304	998	7184	5121	3779
3534	Ciliates suctorina suctorida	2				25			
3901	Turbellaria								
3930	Trematoda	22	8		4	273	99		50
4401	Macrodasyoidea							50	
46010102	Trachydemus								50
46020101	Echinoderes				4			50	149
47	Nematoda	6	17		4	75	211		99
470304	Axonolaimidae		4				50		
47030401	GAxonolaimus							50	
47030402	GOrontophora	8				99			
47030404	GParodontophora		17		8		211	99	
470305	Leptolaimidae								149
470401	Linhomoeidae				15		50		149
47040103	Gierschellinia	17	4		8	211	50	99	261
47040301	GSphaerolaimus		4		12		25		149
47040402	GMonhystera	8	25		30	45	50	311	373
47040403	GTheristus					21			559
47050201	Microtalamus					8	211	410	261
470503	Desmodoridae	17	33		4			410	99
47050305	Eubotrichus		4					50	
47050701	Richtersia	2	21		4	25	291		50
47051001	GOrvatiopostis	29	38		38	57	360	491	472
47051002	GSabotieria	62	121	153	152	771	1504	1902	1889
47051003	Carvonea		13		17		162	211	149
47051004	Metacoeloma	4				50			
47051005	Paracoeloma				12				149
470511	Chromadoridae	6	25	17	8		311	211	99
47051104	GHyodontolaimus		38		38	25	124	472	311
470512	Cyatholaimidae	10				78			970
470513	Chonotolaimidae	21				8			99
47060202	Tricoma							50	50
471103	Ironidae		4						199
471104	Anticonidae				16				
47110401	GAnticoma				8			99	
47110901	GHalalaimus	2	4		8	25	50		99
471112	Enoplidae		4		4		50	50	
471114	Uncholaimidae		4				50		
50	Annelida							50	
5001220201	Sigambra tentaculata								
5001250115	Nephtys incisa				8				99
50014102	GAricidea	4	4				50		
5001431701	Parapionosbia binnata								50
5001500307	Theryx marioni	2				4	25		50
5001580204	Armandia maculata					12			149
5001600306	Notomastus latericeus	6	4	4	4	20	75	50	249
5001670211	Ampelisca americana	4					50		
51	Gastropoda								
5110130201	Volvulella texasiana					4			50
5502020204	Nucula proxima					4			50
551702	Corbuliidae								50
6113	Apodocopa				4			50	
6117	Copepoda				4			50	
6119040101	Longipedia helgolandica	4					50		
61190702	Halictinosea	4		8	4		50	99	50
6119150703	Normanella confluens	4		20	20		50	249	249
611918	Ameiridae				4			50	
611927	Cletodidae							50	
6119270102	Cletodes dissimilis					4			50
6119270402	Enhyosoma propinquum	2	4		4		50		50
611928	Diosaccidae				4			50	99
6119280402	Amphiascus minutus				4			50	
6119280602	Robertgurneya ecaudata						25		
6119280709	Haloschizopera junodi	2					25		
611928090101	Stenella longicaudata var. finmarchica				4			50	
6119280903	Stenella mastigocheeta								50
61200401	GCorycaeus	2			4		25		

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Diffugiidae	2				25			
3443	Rhizopoda filiosa								
344501	Gromiidae	12	4	68		149	50	84	50
3450120898	?Lagenammina diflugiformis			13				16	50
3450120899	?Lagenammina compressa	2				25			50
3450850201	Bigenerina irregularis								25
3450540102	Eggerella bradyi	2		20		25		249	
345201	Miliolaceae		2	7			25	16	50
3452140112	Quinqueloculina compta			13				249	
3452140399	+Triloculina tricarinata			20				16	50
3452140598	?Pyrgo oblonga							249	
3452140599	+Pyrgo nesuta							50	50
34521300199	?Bullainella morgani	56	20	308		696	249	382	50
3452120109	Bolivina lowmani	2	2	20		25	25	249	50
3452120110	Bolivina striatula			7				249	
34521406202	Bullainina marginata			29				16	50
34521670199	?Cibicides concentricus			13				16	50
3454250101	Ammonia beccarii	2		13		25		16	50
3454300109	Elphidium gunteri			13				16	50
3454320203	?Euxenikoina pontoni	2	4	20		25	50	249	50
3454320209	?Euxenikoina complanata			20		25		249	50
3454610199	?Florilus atlanticus		2					25	50
3454610299	?Nonionella basiloba	230	146	989		2859	1815	12293	99
35180101	Coelosomidae	2				25			
35999	?Holophryidae								
43	Turbellaria	16	6	8		16	199	75	199
46020101	Rhynchocoela								
47	Echinoderes	12	2	4		12	50	298	149
47030202	Nematoda								
470304	Tarvala	4		24		149		298	149
47030402	Asponoleptidae								
47030402	Godontophora	4	2	8		6	50	25	99
47030404	GParodontophora								
470505	Leptotastidae			16				199	
470401	Enthomoeidra		2	16		6	50	25	199
47040101	Ceutherothalamus			16				50	75
47040103	Cerocheiliniidae		2	20			25	249	
47040501	GSpheerostomatidae			8		8		50	99
470408	Monhysteridae		2				25		
47040402	Monhystera	22	2	24		4	273	298	50
47040402	Githeristidae			4				50	75
47040501	GParasphryteridae								
47050201	Microleleus	10		36		10	124	99	447
470503	Desmodoridae	6		20			75	249	128
470505	Ceramoneatidae	4	2	12		16	50	25	189
47050701	Richtersta			4				50	75
47051001	GOrvleimopsis	6	4	8		16	75	50	99
47051002	GSebatieria	100	35	60		58	1243	435	746
47051003	Cervonea			4				50	99
47051004	Metacoeloma	1	4	4			149	50	50
47051005	Paracoeloma			4				50	50
47051104	Chromadoridae	1	8	24			174	99	298
47051104	Glypdonotoleleus	1	4	8		14	50	99	174
470512	Lychnotastidae	20		32		14	249	99	398
47060201	Desmoscolex		2	4		14	25	50	174
47060202	Tricoma			24				298	
471105	Tronidae	8	2				99	25	298
47110401	GAnticoba	10					124		298
47110901	GHalaelmus			12			25	149	298
471112	Enopliidae		2	4		14	50	25	149
471114	Oncholaimidae	12					149		298
5001	Polychaeta								
5001220201	Sigambra tentaculata			4				50	50
5001250115	Nephtys incisa			4				50	50
50014102	GAricidea		2	4				25	50
5001430502	Prionospio cirratifera								50
5001431701	Paraprionospio pinnata	2				25			50
5001520103	Cosura delia			4				99	50
5001600306	Notomastus latericus	14		4		174		50	25
50017001	GChone				2				
5520070199	?Periploma orbicularis	2				25			
61140101	Cytherella		2	4			25	50	
6117	Copepoda								
6119040101	?Ligydris halgotandica	2	10			25	124		
61190902	*Halectinosoma	12	2	4		149	25	50	
611918	Ameiridae			4				50	
611927	Cletodidae		2				25		
6119270104	Cletodes tenuipes	2			2	25			25
611928	Diosaccidae		2	12		2	25	149	
6119280402	Amphiascus minutus						25		25
6119280799	+Haloschizopera junodi			4				50	
73	Echlura	2				25			



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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae			12	42			149	522
3450120499	?Leoenammina compressa				2				25
345201	Miliolaceae	6	10		6	75	124		75
3452140112	Utriqueloculina compta		2				25		
34550301	Glenticulina		2						
3453380199	?Ruliminella morgani	2		2	26	25		25	323
3453420109	bolivina lowmani		12		10		149		124
3453420110	bolivina striatula			2	2			25	25
3453530101	Cancris sagra			3	10			25	124
3453540302	Epistominella vitrea			6	2			75	25
3453670199	?Cibicides concentricus				6				25
3454520299	?Fursenkoina complanata	30	62	16	160	373	771	199	1989
3454610299	?Nonionella basiloba	12			12	149			149
3901	Turbellaria	2				25		25	
43	Rhynchocoela	2		2		25			
46010101	Pycnophyes	2			2	25			25
46020101	Echinoderes		6		4		75		50
47	Nematoda								
47030202	Tarvaia	2		2		25		25	
470304	Axonolaimidae		6				75		
47030402	GOdontophora	2			2	25			25
470401	Linhomoeidra			6	2			75	124
47040103	Gierschellingia		4		2		50		50
47040301	GSphaerolaimus				4				50
47040402	GMonhystera		4				50		
47040403	GTieristus	4	16	8	4	50	199	99	50
47040404	Amphimonhystera			2				25	
470503	Desmodoridae	6	14		13	75	174		162
47050305	Eubostrichus				11				137
470510	Comesomatidae	2	14	2	7	25	174	25	87
47051001	GDorvialaimopsis	1	62	33	33	149	771	410	410
47051002	GSabatieria	2			4				50
47051003	Lervonema	2	6	2	22	25	75	25	273
47051102	Chromadoridae				2				25
47051102	GEuchromadora								
47051104	GHypodontolaimus			4				50	
470512	Cyatholaimidae		16		11		199	50	137
47051204	Metacyatholaimus								
470513	Choniolaimidae		4	6	4		50	75	50
47060202	Tricoma				4			25	50
47110401	GAnticoma		4				50		
471109	Oxystominidae					25			
47110901	GHalalaimus	2	6		11	75	75		137
471112	Enoplidae		4		4			25	50
471114	Oncholaimidae						50		112
471149	?Encheletidae			2				25	
50	Annelida				2				25
5001	Polychaeta		2		2		25		25
5001430502	Prionospio cirrifera								
5001600306	Notomastus fetericeus	2	26		16	25	323		169
50017001	GChone					25			25
6111	AMyodocopa				2				25
611107	Philomedidae								25
6119	AMeractocopa	2	2			25	25		25
6119040101	Lonicoides helgolandica				2				25
61190902	*Malectinosoma		10	2	2		124	25	99
611918	Ameiridae	2				25			25
611927	Cladodidae				2				50
6119280402	Amphiascus minutus	2				25			
6119280903	Stenhelmia mastigochaeta		2				25		
6120	ACyclopoidea				2				25

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3441	Rhizopoda filosa	24	8	12	12	298	99	149	149
344501	Gromiidae	52	36	36	52	646	447	447	646
3450120499	?Legumina compressa			8				99	
3450450103	Textularia earlandi			16				199	
3450540102	Eggerella bradyi				4		99		50
345201	Hittellidae		8		8		149		99
3452140112	Quinqueloculina compta		12					99	
3452140566	?Pyrgo oblonga			8					50
345330301	Clenticulina				4				50
3453380199	?Buliminella morgani	12	20	587	156	149	249	7296	1939
3453420109	Bolivina lowmani	4		40	20	50		497	249
3453420110	Bolivina striatula								99
3453420199	+Bolivina simplex							298	
3453460202	Bulimina marginata							688	
3453540302	Epistominella vitrea		8	32	8		99	398	99
34535670199	?Cibicides concentricus	4		8	4	50			50
3454300101	Ammonia beccarii							99	
3454300109	Elphidium gunteri			8	4			99	50
3454520203	Fursenkoina pontoni			24	12			298	149
3454520299	?Fursenkoina complanata		4				50		
3454610199	?Florilus atlanticus		72	1277	564	1516	895	15473	7011
3454610299	?Nontoneilla basiloba	122	4			50			
3516	Ciliatae Holotrichia cyanostomatida rhabdophorina	4							
359999	?Holophryidae		12	8	4		149	50	50
3599999999	?Prorodon marinus		8	8	4		99	99	50
3901	Turbellaria		4				50		
46	Kinorhyncha		4	4				50	
46910102	Trachydeus	4		4		50		50	149
46920101	Echinoderm			8	12	149	298	99	
47	Nematode	12	24	8	4	50			50
470304	Axonolaimidae	4				199	99	99	
47038204	Capredontophora	16	8	8	8		99	99	99
470395	Leptolaimidae	8	8	8	8		99	99	99
470401	Linhomaeidae	8	8	8	8		99	99	99
47040103	Gierachellinidae					249	199	348	50
47040403	Gtheristus					149	348	99	99
47050201	Microleimus	20	16	8	8	149	99	50	199
470505	Desmodoridae	16	8	4	16	149	99	50	199
470505	Ceramonematidae	20	12	4	20	249	149	50	249
47050701	Richtersia	16	4	8	32	199	76	994	348
47051001	GDorylaimopsis	16	20	8	20	199	288	1044	997
47051002	Castellaria	24	16	12	4	298	149		
47051003	Cervonema	4				50			
47051004	Metacoeloma	4					99	50	99
47051005	Paracoeloma			8	8		249	149	99
470511	Chromadoridae	20	16	12	8	249	149	149	298
47051104	Chypodontolaimus	12	16	12	8	149	149	497	99
470512	Cyatholaimidae	4	4	4	4		99	99	99
47060201	Desmoscolax	4	4	4	16	50	50	50	199
47060202	Tricoma	16	16	8	20	149	149	50	249
471103	Ironidae	16	28	16		149	348	199	
47110401	CAnticoma		8		4	199	50	50	50
47110901	CHalelaimus	16		4	4			50	
471112	Enoplidae	4	16	4		50	199	50	
471116	Uncholaimidae		4				50		
471199	?Encheliidae		4				50		
5001	Polychaeta					50	99		50
5001220201	Stgambra tentaculata				4				
5001250115	Nephtys incisa		4	4		50	50	50	
50014105	Arctidae		4	4				50	
5001450202	Prionospio cirrifera	8				99			
5001600306	Notomastus latericeus		4	4			50		50
50017001	GChone						50		
51	Gastropoda				4				50
551702	Corbulidae				4				50
6108	Actinoptera				4				50
61140101	Cytherella			4	4			50	
6117	Copepoda		4	16	4		50	199	50
6119040101	Longipedia heigolandica	4	4	16	4		50	149	50
61190902	*Halectinopsoma	8	16	12	28	49	199	149	348
6119150703	Normanella confluens				4				50
611927	Cletodidae	4					50		
6119270104	Cletodes tenuipes				4				50
6119270198	?Cletodes spinulipes			4	8			50	99
6119270402	Enhydrosoma propinquum							99	
611928	Diosaccidae	8				99			
6119280402	Ampelisca minutus	4	4	8	4	50	50	99	50
6119280799	*Haloschizopera Junodi					50			
6119280903	Stenella mastiocheata				8				99
78	Ectoprocta	4					50		
7802	Gynolaemata ctenostomata	4					50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosa	2	12			25	149		
344501	Gronitidae	36	20	32	28	47	249	398	348
3450120498	?Legenammina difflugiformis	2	4			25	50		
3450120499	?Legenammina comprina	2				25			
3450540102	Eggerella bradyi	2				25			
345201	Miliolacea		4				50		
3452140112	Mulinqueoloculina compta	66	400	200	741	820	4972	2486	9211
3453380199	?Bulliminea morgani	4				50			
3453420109	Bolivina lowmani		4				50		
3453480103	Uvigerina parvula				7				87
3453530101	Cancris sagra			4	7			50	87
3453670199	?Cibicides concentricus		4		7			50	87
3454250101	Ammonia beccarii	4	8		22	50		99	273
3454520203	Fursenkoina pontoni		4	16	7			50	87
3454520299	?Fursenkoina complanata	2		44	130	25		199	87
3454610199	?Florilus atlanticus				7				87
3454610299	?Nonionella basiloba	158	448	656	2188	1964	5569	8154	27197
3901	Turbellaria	2	4		4	25			50
46010102	Trachydemus	2		4		25		50	50
470401	Linhomoeidra			4				50	249
47040103	GIerschellinia		4		20		50		50
47040301	GSphaerolaimus			4	4			50	50
47040403	GIheristus	4	12	4	8	50	149	99	99
47050201	Microloaimus		4		4			50	50
470503	Desmodoridae	8	20	12	52	99	249	149	646
47051001	GDorylaimopsis	4	64	28	76	50	796	348	945
47051002	GSabatieria			4				50	50
47051005	Paracomosoma		4					50	50
470511	Chromadoridae	2	8	12	36	25		99	149
470512	Cyatholaimidae	4				50			50
470513	Choniolaimidae								199
47060201	Desmoscolex		4		16		50		99
47060202	Iricoma				8				50
471103	Iriconidae				4				99
47110901	GHalaleimus				4				50
5001500307	Iheryx marioni		4				50		50
5001600306	Notomastus latericeus	2	8		4	25	99	99	50
5103230203	Vitrinella helicoides			4					50
6118290104	Acartia tonsa	8		12	16	99		149	199
611909	Ectinosomidae		4				50		
6120050105	Eragasilus versicolor	2				25			



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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosa								
344501	Gromiidae	36	20	8		447	249	99	
3450120499	?Lagenammia compressa	28	32	12	44	348	398	149	547
3450320401	Amoebocaria pseudospiralis		5	12	11		62	149	137
3450450201	Bigennerina irregularia			4	11		62	99	137
3450540102	Eggerella bradyi	8	5		5	99	62	50	
345201	Miliolacea		16				199		
3452140112	Quinqueloculina compta				21				261
3452140114	Quinqueloculina vulgaris				5				92
3452140199	+Quinqueloculina lamareckina				15				137
3452140399	+Triloculina tricarinata				5				62
3452140598	+Pyrgo oblonga			11			137		62
3452140599	+Pyrgo nasuta			11			137		62
345213301	Genticulina				5				62
3453380199	?Bulliminea morgani	80	220	88	145	994	2735	1094	1790
3453420109	Bolivina lowmani	4	66	16	21	50	820	199	261
3453420110	Bolivina striatula				5				62
3453460202	Bulliminea marginata			11			137		62
3453480103	Uvigerina parvula	4	2			50	62		137
3453530101	Cancris sagra				5		62		62
3453540302	Epistominella vitrea	4	6		11	50	820		137
3453560104	Eponides antillarum				5		62		62
3453570199	?Cibicides concentricus		264		8	74	3282	99	920
34545201	GFursenkoina				5		62		62
3454520203	Fursenkoina pontoni				5		62		62
3454520299	?Fursenkoina complanata	8	22	4	5	99	273	50	62
3454610199	?Florilus atlanticus		11	12	11		137	149	137
3454610299	?Nonionella basiloba	612	906	408	1170	7607	11262	5071	14543
3501	Ciliates suctorias suctorida								
43	Turbellaria	4	8				99		
46010101	Rhynchocoela	4	16		12	50	199		149
46010102	Pycnophyes	4	16	4	4	50	199	50	50
46010102	Trachyderus					50			
46020101	Echinoderes			12	12			149	149
47030201	Nematoda	16		4	8	199		50	99
470304	Campylaimus		4				50		
470304	Axonolaimidae	8			4	99			50
47030404	GParodontophora	8				99			
470305	Leptolaimidae		8				99		
470401	Linhomoeidae	4	12	16		50	149	199	
47040103	Gierschellinia		8				99		
47040301	GSPHaerolaimus	28	8		12	348	99		149
470404	Monhysteridae	8	16	8		99	150		99
47040403	GTheristus	28	48	12	20	348	597	149	249
47040405	Paramonhystera	16				199			
47040501	Siphonolaimus			4	4			50	
47050201	Microlelimus	20	8	16	8	249	99	249	50
470503	Desmodoridae	8				99			99
470505	Ceramoneimidae	12	12	16	12	149	149	199	149
47050701	Richtersta		8				99		
47051001	GDorylaimopsis	28	104	20	84	348	1293	249	1044
47051002	GSabatieria	100	104	120	128	1243	1293	1492	1591
47051003	Cervonema	36	8		4	447	99	50	50
47051004	Metacoemesoma	20			16	249			199
47051005	Paracoemesoma			8				99	
47051006	Laimella	4				50			
470511	Chromadoridae	16		24	8	199		298	99
47051104	GHypodontolaimus	84	4	24	8	199	50	298	298
470512	Chyatholaimidae	40	16	16	24	447	199	298	298
47051204	Metachyatholaimus				20			199	249
470513	Chonolaimidae		4		4		50		50
47050201	Desmoscolex	24				298			
47060202	Tricoma	4		12		50		149	
471103	Ironidae	8		16		50		149	
47110901	GHalalaimus	8	4	16	4	99	50	199	50
471112	Enopliidae			8				50	
471114	Oncholaimidae		4		4		50		50
5001	Polychaeta	4							50
5001250115	Nephtys incise	4			16	50			199
50014102	GArctidea	4				50			
5001431701	Paraprionospio pinnata			4	8			50	99
5001600306	Notomastus latericeus			8	36			99	447
50017001	GChama	4					50		
511702	GLOBIDIAE								
61130901	Prervyocytthereis	4		4	4	50		50	50
61131901	GLoxocoche				4				50
6119040101	Longipedia heigolandica		8	8	8		99	99	99
61190902	?Heteractinosoma	12	4	4	8	149	50	50	99
6119270104	Litetodes tenuipes	4				50			
61192806	GRobertgurneya								50
6119280799	+Heloschizopera junodi			4					50
72000201	GGolfingia	4				99			
72000202	Unchnesoma	4				50			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Diffugiidae		4		4		50		50
3443	Rhizopoda filosa	12				149			
344501	Gromiidae	112	96	92	26	1392	1193	1144	323
3450120499	?Legemmina comprima		16				199		
345201	Miliolaceae	8				99			
3453380199	?Bulliminella morgani	116	84	309	112	1442	1044	3841	1392
3453420109	Bolivina lowmani			36				447	
3453670199	?Cibicides concentricus		8				99	75	
3454250101	Ammonia beccarii	12		6		149		75	
3454300109	Elphidium gunteri		4				50		
3454520203	Fursenkoina pontoni			19				236	
3454520509	?Fursenkoina complanata				4	50	99		50
3454610199	?Florilus atlanticus	4	8						
3454610299	?Nonionella basiloba	1024	436	2240	504	12728	5419	27843	6265
351801	Coelosomidae	4	8			50			
359999	?Molophryidae	20	4	4		249	50	50	
3901	Turbellaria		4				50		
3960	Cestoda								
43	Rhynchocoela				16				199
46020101	Echinoderes	12	8	20	4	149	99	249	50
47	Nematode	53	4	52	24	659	50	646	298
47030201	Campylaimus		4	5			50	62	
470304	Axonolaimidae		4	15	4		50	186	50
47030404	GParodontophora			20	4			249	50
470305	Leptolaimidae			4	4			50	50
470401	Linhomoeidra	27	8	25	4	336	99	311	50
47040103	Gierschellinia	69	12	30	20	858	149	373	249
47040301	GSphaerolaimus	16	20	5	8	199	249	62	99
470404	Monhysteridae		4				50		
47040402	GMonhystera				4				50
47040403	Gtheristus	85	36	35	36	1057	447	435	447
47040405	Paramonhystera			35	4			435	50
47050201	Microaimus	32	28	40	28	398	348	497	348
470503	Desmodoridae	5				62			
47050305	Eubostrichus		4	5	8		50	62	99
470505	Ceramonematidae			10	12			124	149
47050701	Nichtersia		4	10	8		50	124	149
47051001	GDorylaimopsis	160	6	10	28	1989	99	56	348
47051002	GSabatieria	224	176	45	120	2784	2188	1852	1492
47051003	Lervonema	21	4	20	20	261	50		249
47051004	Metacoemesoma		16	20	28		199	249	348
47051005	Paracoemesoma		4		4		50		50
470511	Chromadoridae	5	8	35	12	62	99	435	149
47051104	Ghypodontolaimus	5	4		4	62	50		50
470512	Cyatholaimidae	48	44	54	72	597	547	671	895
47051204	MeCacyatholaimus		4				50		
470513	Choniolaimidae	11		10	8	137		124	99
47060201	Desmoscolex	16	4	15	4	199	50	186	50
47060202	Iricoma	11	4	15	8	137	50	186	99
471103	IFonidae		4		4		50		50
471109	Oxystominidae		4				50		
47110901	GHalelaimus	11	4	20	12	137	50	249	149
471114	Uncholaimidae			10	4			124	50
5001220201	Sigambra tentaculata				4				50
5001250115	Nephtys incisa	4			8	50			99
50014102	GAricidea	8	4			99	50		
5001430502	Prionospio cirrifera				4				50
5001520103	Cossura delta	4		4		50		50	
5001580204	Armandia maculata	4				20			
5001600306	Notomastus latericeus	32				398			
5001670211	Ampharete americana			8				99	
50017001	GChone		4				50		
50020302	Dionodrilus		4				50		
5004	Ulicochaeta		4	4			50	50	
551702	Corbulidae				4				50
6119	ASaracticoidea	4				50			
6119040101	Longipedia helgolandica	4	4			50	50	50	
61190902	*Halectinosoma	16	4	4	4	199		50	50
6119150199	*Paraleophonte subterranea		4				50		
611918	Ametridae	20				249			
611927	Cletodidae		20	4	4		249	50	50
6119280402	Amphiascus minutus		12				149		
6119280601	Robertgurneya rostrata	4				50			
6119280603	Robertgurneya riveecensis		4				50		
6120	ACyclopoidea			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	160	292	260	44	1989	3630	3232	547
3450120499	?Lagenammina comprima	4	7			50	87		
3450250107	Neophax scottii	48	35	121	32	597	435	1504	398
345201	Miliolacea			45				559	
34530301	GLenticulina			15				186	
3453380199	?Buliminella morgani	380	386	694	412	4723	4798	8626	5121
3453420109	Bolivina lowmani	8	84	498	12	99	1044	6160	149
3453460202	Bulimina marginata			30				373	
3453540302	Epistominella vitrea			859				10677	
3453670199	?Cibicides concentricus	4	7	90	16	50	87	1119	199
3454250101	Ammonia beccarii			151	8			1877	99
3454520203	Fursenkoina pontoni			4					50
3454520299	?Fursenkoina complanata	184	744	784	48	2287	9248	9745	597
3454610199	?Florilus atlanticus			15				186	
3454610299	?Nonionella basiloba	248	961	1131	312	3083	11945	14058	3878
359999	?Holophridae	4		12		50		149	
3901	Turbellaria		16		4		199		50
46010101	Pycnophyes		4	4			50		50
46010102	Trachydemus		4	4	4		50		50
46020101	Echinoderes	4	20	4		50		249	50
47	Nematoda	8	17	25	5	99	211	311	62
470304	Axonolaimidae	24	12	49	27	298	149	609	336
47030404	GParodontophora			18				224	
470305	Leptolaimidae		12	12				149	
470401	Linhomoeidae	16	29	37	32	199	360	460	398
47040103	GTerscheillingia				27				336
47040301	GSphaerolaimus	8		25		99		311	
470404	Monhysteridae		12	31	27		149	385	336
47040402	GMonhystera			6				75	
47040403	GTheristus	8	23	37	64	99	286	460	796
47040405	Paramonhystera		6				75		
47050201	Microlaimus	60	104	98	102	746	1293	1218	1268
470503	Desmodoridae	4	12			50		149	
47050701	Ceramonematidae	16	12	25		199		149	311
47051001	Richtersia	8	17			99		211	
47051001	GDorylaimopsis	12	17	18	43	149		211	534
47051002	GSabatieria	104	87	159	188	1293	1081	1976	2337
470511	Chromadoridae	8	41			99		510	
470512	Cyatholaimidae	44	273	288	155	547	3393	3580	1927
47051205	Neotonchus	4				50			
470513	Choniolaimidae		12		11		149		137
47060201	Desmoscolex	4				50			
47060202	Tricoma	56	122	37	64	696	1516	460	796
47110901	GHalalaimus		17				211		
50014102	GArctidea	4	4	4	4	50	50	50	50
5001410301	Paronis gracilis								
5001430502	Prionospio cirrifera	4				50			
5001431701	Paraprionospio pinnate	4				50			
5001580307	Iheryx marioni			8				99	
5001600306	Notomastus latericeus	8	4	8	16	99	50	99	199
51	Gastropoda		8				99		
55	Bivalvia		28	8			348	99	
61190902	*Halectinosoma	4	4		4	50	50		50
6119140101	Euterpina acutifrons			8				99	
6119150703	Normanella confluens	4		4		50		50	
6119270199	+Cletodes millerorum	4				50			
6119270404	Ethyrosoma sarsi			8				99	
611928	Digamidae	4				50			
6119280799	+Haloschizopera junodi			4				50	
611928090101	Stenhelis longicaudata var. finmerchica	4	4			50	50		

344501	Gromiidae	76	60	60	56	945	746	746	696
3450120498	?Lagenammina difflugiformis				4				50
3450120499	?Lagenammina comprina	4		4	13	50		50	162
3450250107	?Neophax scottii	32	8	21	31	398	99	291	385
3450540102	Eggerella bradyi			4				50	
345201	Miliolaceae				4				50
3452140599	+Pyrgo nasuta		4				50		
3453380199	?Bulliminella morgani	376	248	373	748	4674	3083	4636	9298
3453420109	Bolivina lowmani	24		30	22	298		373	273
3453420110	Bolivina striatula	A				99			
3453460202	Bullimina marginata			4					50
3453540302	Epistominella vitrea	44		4	4	547		99	50
3453670199	?Cibicides concentricus	12	12	4	4	149	149	50	50
3454520203	?Fursenkoina pontoni					50			
3454520299	?Fursenkoina complanata	308	132	428	184	3838	1641	5320	2287
3454610199	?Florilus atlanticus	4	4	A	13	50	50	99	162
3454610299	?Nonionella basiloba	48A	256	411	533	6066	3182	5109	6625
35400901	Petalotricha					50		50	
46010102	Trachydemus	4				50			
46020101	Echinoderes	4	4			50	50		
47	Nematoda	4	4	8	12	50	50	149	199
470304	Axonolaimidae			4					
47030404	?Parodontophora			4	8	16		50	
470305	Leptolaimidae							50	
470401	Linhomoeidae				8				99
47040103	?Terschellingia		4	A	8			99	99
47040301	?Sphaerolaimus	8			4	99		99	50
470404	Monhysteridae		4					50	
47040403	?Theristus	28	4	12	12	348	50	149	149
47040405	Paramonhystera				4				50
47050201	Microilaimus		20	12	8		249	149	99
470503	Desmodoridae				4				50
47050305	Eubostrichus		8				99		
470505	Ceramonematidae	4				50			
47051001	?Dorylaimopsis		4					50	
47051002	?Sabatieria	76	56	36	32	945	696	447	398
47051004	Metacoeloma		4					50	
47051005	Paracoeloma		8					99	
470511	Chromadoridae	8			4	99			50
470512	Cyatholaimidae	24	32	44	32	298	398	547	398
470513	Choniolaimidae		4				50		
47060201	Desmoscolex			12				149	
47060202	Tricoma			12	16		149	149	
471109	Uxystominidae		4				50		
47110901	Chalaimus				4				50
471114	Oncholaimidae				4				50
5001220201	Sigambra tentaculata				4				50
5001230302	Syllis gracilis								50
5001410301	Paraonis gracilis		4				50		
5001600306	Notomastus latericeus	8		4		99		50	
51	Gastropoda	4				50			
55	Bivalvia	4				50			
6117	Copepoda						99		
6119280903	Stenhetta mastiochaeta		8	4				50	

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Groniidae	4	68	80	152	50	845	994	1889
3450120498	?Lagenammina difflugiformis				8				99
3450120499	?Lagenammina comprima		4		15		50		186
3450250107	Keophax scottii	2	12	20	68	25	149	249	845
3453380199	?Buliminella morgani	16	360	144	600	199	4475	1790	7458
3453420109	Bolivina lowmani		12		76		149		945
3453420110	Bolivina striatula		4		8		99		99
3453460202	Bulimina marginata						50		
3453670199	?Cibicides concentricus		8		23		99		286
3454250101	Ammonia beccarii	2				25			
3454300109	Elphidium gunteri		4		23		50		286
3454520203	Fursenkoina pontoni		4				50		
3454520299	?Fursenkoina complanata	6	48	68	228	75	597	845	2834
3454610199	?Florilus atlanticus		4	4			50	50	
3454610299	?Nonionella basiloba	22	388	100	988	273	4823	1243	12281
3540020198	?Tintinnopsis tocatinensis		4				50		
359999	?Holophryidae				8				99
3599999999	?Prorodon marinus				4				50
46010102	Trachydemus								
46020101	Echinoderes		4		36		50		447
47	Nematode	2	16	20	25	25	199	249	311
470304	Axonolaimidae	4	4	4	50	50	50	50	621
47030401	GAxonolaimus								
47030703	GCamacolaimus				8				99
470401	Linhomoeidae	8		12		99		149	
47040101	GEleutherolaimus				8				99
47040103	Gierschellingia	8	4	8	66	99	50	99	820
47040301	GSphaerolaimus	6				75			
470404	Monhysteridae		8				99		
47040403	GTheristus	10	8	28	50	124	99	348	621
47040405	Peramonhystera				25				311
47050201	Microaimus	2	64	68	74	25	796	845	920
470503	Desmodoridae				17				211
47050305	Eubostrichus	2	12	8	25	25	149	99	311
470505	Ceramonematidae				17				211
47050701	Richtersia		4		8		50		99
47051001	GDorylaimopsis	32	8	8	25	398	99	99	311
47051002	GSabatieria	40	40	36	240	497	497	447	2983
47051003	Cervonema	2				25			
47051004	Metacomosoma				8				99
470511	Chromodoridae	2	4		99	25	50		1231
470512	Cyatholaimidae	124	100	40	116	1541	1243	497	1442
47060201	Desmoscolex		8		8				99
47060202	Tricoma	4	28	80	41	50	348	994	510
47110901	GHalalaimus	4	4	4	17	50	50	50	211
471114	Oncholaimidae	2				25			99
5001310113	Lumbrinereis tenuis				4				50
5001500307	Tharyx marioni				4				50
5001600306	Notomastus latericeus				16				199
55	Bivalvia		4		4		50		50
6119040101	Longipedia helgolandica			4				50	
61190902	*Halectinosoma			4				50	149
611918	Ameiridae			4				50	
6119280799	*Hatoschizopera Juhodi		4		20		50		249

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32	92	92	76	398	1144	1144	945
3450120498	?Lagenammina difflugiformis		8				99		
3450120499	?Lagenammina comprina		24				298	75	
3450250107	Reophax scottii	2		2	34	25		25	423
3450120401	Ammoscalaria pseudospiralis				17				211
3450450103	Textularia earlandi		4				50		
3450450105	Textularia conica				17				211
3450450199	+Textularia mexicana		8				99		
3450540102	Lggerella bradyi		4	4	A		50	50	99
345201	Miliolacea		4	4				50	
3453380199	?Bulliminea morgani	224	172	104	683	2784	2138	1293	8490
3453420109	Bollivina lowmani	4	28	14	135	50	348	174	1678
3453420110	Bollivina striatula				84				1044
3453420199	+Bollivina simplex		4					50	
3453460202	Bulliminea marginata		4		8			50	99
3453540302	Epistominella vitrea		112		25		1392		311
3453670199	?Cibicides concentricus	8	48		110	99	597		1367
3454250101	Ammonia beccarii	2	116	8	26	25	1442	99	323
3454520299	?Fursenkoina complanata	12	16	22	303	149	199	273	3766
3454610199	?Florilus atlanticus		20		25		240		311
3454610299	?Nonionella basiloba	228	344	70	1526	2834	4276	870	18968
359999	?Holophryidae		4					50	
43	Rhynchocoela				4				50
46010102	Trachydemus		8		4	25	99		50
46020101	Echinoderes			10	4	25		124	50
47	Nematoda			10		25		124	50
470304	Axonolaimidae			10	8	75		124	99
47030401	GAxonolaimus			2				25	
47030404	GParodontophora	2			12	25			149
470401	Linhomoeidae			6	4	50		75	
47040103	Gierschellinia	2		4	4	25		50	50
47040301	GSphaerolaimus		12	4	12	75	149		149
470404	Monhysteridae					25			
47040403	GTheristus		4	14	25	50	50	174	311
47040405	Paramphystera	2		35	25	275		435	311
47050201	Microaimus	2				25			
470503	Desmodoridae					25			
47050305	Euböstrichus	2	4	4	4	25	50	50	
470505	Ceramonematidae				4				50
47051001	GDorylaimopsis	8		4	4	99		50	
47051002	GSabatieria	58	24	18	91	721	298	224	1131
47051004	MEYacomesoma	2				25			
47051006	Laimella		4				50		
470511	Chromadoridae		4		8	99	50		99
470512	Cyatholaimidae	1	8	20	50	149	99	249	621
470513	Chonotistidae		4			25			
47060201	Desmoscolex		4		12		50		149
47060202	Tricoma	10	8	41	54	124	99	510	671
47110901	GHalalaimus	4		2	8	50		25	99
471114	Oncholaimidae	2	4		8	25	50		99
5001220201	Sigambra tentaculata				8				99
5001410301	Parsonia gracilis				8				99
5001430502	Prionospio cirrifera				8				99
5001500307	Tharyx marioni			2	4			25	50
5001580204	Armandia maculata		4	2	4		50	25	50
5001600306	Notomastus latericeus	2	8	12		25	99	149	50
55	Bivalvia								
6119040101	Longipedia halgoiandica		4	2	2		50	25	50
61190902	*Halectinosoma			10					50
611927	Cletodidae		4		8			124	99
6119280903	Stenhalia mastigochaeta			8					99

344501	Groniidae	64	32	76	36	796	398	945	447
3450120498	?Lagenammina difflugiformis	4			19	50			236
3450120499	?Lagenammina comprima	8			14	99			174
3450250107	Reophex scottii	49		28	14	609			174
3453380199	?Buliminella morgani	260	17	853	738	3232	149	10603	9173
3453420109	Bolivina lowmani	16		14	9	199		236	112
3453460202	Bulimina marginata			5				62	
3453540302	Epistominella vitrea			5				62	
3453670199	?Bibicides concentricus		4		19		50	62	236
3454520299	?Fursenkoina complanata	69	20	469	170	858	249	5830	2113
3454610199	?Florilus atlanticus	16	4	9	28	199	50	112	348
3454610299	?Nonionella basiloba	232	12	185	525	2884	149	2300	6526
359999	?Holophryidae				4				50
46010102	Trachydemus		4	4			50	50	
46020101	Echinoderes	2	4	4		25	50	99	
47	Nematoda	4	28	12		50	348	149	
47030201	Campylaimus		6	8			75	99	99
470304	Axonolaimidae		11	12	8		137	149	
47030501	Leptolaimus		11	20		75	137	249	50
470401	Linhomoeirina	6	11	20	4	99	273	298	
47040103	Gierschellingia	8	22	24			273		
470404	Monhysteridae		22				273		
47040402	GMonhystera			20				249	
47040403	GTheristus		44	16	20		547	199	249
47040405	Paramonhystera		6			75			
47050201	Microaimus	34	66	28	4	423	820	348	50
470503	Desmodoridae			4				99	
47050305	Eubostrichus	2		8		25			
470505	Ceramonematidae				4			50	50
47050701	Nichtersia			4				50	
47051001	GDerolaimopsis		6	8	12		75	99	149
47051002	GSabotieria	30	122	60	104	373	1516	746	1293
47051004	Metacoemesoma			16	4			199	50
47051005	Paracoemesoma	2				25			
47051006	Laimella			8				99	
470511	Chromadoridae		11	4			137	50	
470512	Cyatholaimidae	28	365	16	48	348	4537	199	597
470513	Choniolaimidae	2			4	25			50
47060201	Desmoscolex		6				75		
47060202	Tricoma	4	50	8		50	621	99	
47110901	GHalplaimus		2	11		25	137		50
471114	GOncholaimidae		8		4	99			
50014102	Caricidae		8			50	50		50
5001431701	Paraprionospio pinnata		4			99			50
5001500307	Iharyx marioni		8			99			50
5001520103	Cossura delta							99	
5001580204	Armandia maculata		8	8			99	99	50
5001600306	Notomastus latericeus		8	16	8	99	199	99	50
61190902	*Halectinosoma	2			4	25			50
611927	Clitellidae				4				50
6119280799	*Heloschizopera junodi							99	
611928090101	*Stenella longicaudata var. finmarchica		8					99	
6119289999	*Parameiopsis raptens		4					50	

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	124	120	92	44	1541	1492	1144	547
3450120498	?Lagenammina difflugiformis				12				149
3450120499	?Lagenammina comprima		5		17		62		211
3450250107	Neobux scottii	8	23	10	6	99	286	124	75
3450450105	Textularia conica				6				75
345201	Miliolacea				12				149
3453380199	?Buliminella morgani	220	490	542	506	2735	6091	6737	6290
3453420109	Bolivina lowmani		18		25		224	311	584
3453420110	Bolivina striatula			10				124	
3453420199	+Bolivina simplex				6				75
3453460202	Bulimina marginata				17				211
3453480103	Uvigerina parvula				6				75
3453540302	Epistominella vitrea			5	204			62	2536
3453670199	?Cibicides concentricus		5	5	93		62	62	1156
3454520203	Fursenkoina pontoni		9	5	12		112	62	149
3454520299	?Fursenkoina complanata	72	354	326	76	895	4400	4052	945
3454610199	?Florilus atlanticus	16	18		29	199	224		360
3454610299	?Nonionella basiloba	280	627	567	501	3480	7794	7048	6227
3514	Ciliata holotrichia	4				50			
359998	?Trachelidae		4				50		
359999	?Holophryidae		8				99		
46020101	Echinoderes	16	44	16		199	547	199	
47	Nematoda	20	24			249	298		
47030201	Camptolaimus	4	12	4		50	149	50	
470304	Axololaimidae	12	16	12	4	149	199	149	50
47030404	GParodontophora		4			50			
470401	Linhomoeidra	12	48	4	4	149	597	50	50
47040103	GTerschellinia	16			4	199			50
47040301	GSphaerolaimus		8				99		
470404	Monhysteridae		8				99		
47040403	GHieristus	44	36	20	56	547	447	249	696
47050201	Microilaimus	40	48	36	12	497	597	447	149
470503	Desmodoridae		12				149		
47050305	Eubostrichus	8	4			99	50		
470505	Ceramonematidae		16		4		199		50
47051001	GDorylaimopsis	4	4		28	50	50		348
47051002	GSabatieria	140	84	44	164	1740	1044	547	2039
47051004	Metacoeloma				4				50
47051005	Paracoeloma	4				50			
47051006	Laimella		4				99	50	50
470511	Chromadoridae	4	8	4	4	50	99	50	50
470512	Cyatholaimidae	44	56	20	140	547	696	249	1740
470513	Choniolaimidae			8	4			99	50
47060201	Desmoscolex				4				50
47060202	Tricoma	32	36		24	398	447		298
47110901	GHalaimus				4				50
5001410301	Paranis gracilis				4				50
5001500307	Iharyx marioni	8		4	4	99		50	50
5001520103	Cossura delta			4	4				50
5001600306	Notomastus latericeus	8		4	4	99		50	50
6119	AHarpacticoida								50
6119040101	Londipedia helgolandica		4				50		
61190902	*Halectinosoma	12	4			149	50		
611927	Ctenodidae	4				50			
6119270104	Ctenodes tenuipes	4				50			
6119270406	Enhydrosoma hopkinsi		4				50	50	
611928	Diosaccidae	4				50			
6119280799	+Hatoschizopera Junodi	4	4			50	50		



780504PK0500286 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
3443	Rhizopodea filosa	4				50			
344501	Gromiidae	120	104	28	40	1492	1293	348	497
3450120498	?Lagenammina difflugiformis	9			4	112			50
3450120499	?Lagenammina compressa	22			24	273			298
3450250107	Reophax scottii		19	25	8		236	311	99
3450320401	Ammoscalaria pseudospiralis				4				50
3450450105	Textularia conica	4				50			
345201	Milliolacea	4				50			
34530301	Glenticulina	4	8		4	50			50
3453380199	?Bullimmina morgani	674	431	446	244	8378	5357	5544	3033
3453420109	Bullimmina lowmani	13	15	53	8	162	166	659	99
3453460202	Bullimmina marginata								99
3453540302	Epistominella vitrea	13	8	57		162	99	709	
3453560104	Eponides antillarum		11				137		
3453670199	?Cibicides concentricus	26	19	4	80	323	236	50	994
3454300109	Elphidium gunteri	4			8	12	50		149
3454520203	Fursenkoina pontoni	4			8	50			99
3454520299	?Fursenkoina complanata	13	121	151	20	162	1504	1877	249
3454610199	?Lorilus atlanticus	4	19		12	50	236		149
3454610299	?Nonionella basiloba	442	261	213	264	5494	3244	2648	5282
359999	?Holophryidae	4	8		4	50	99		50
3599999999	?Prorodon marinus	4				50			
3701	Hydrozoa								50
3901	Turbellaria			8	8			99	99
43	Rhynchocoela		20				249		
46010102	Trachydemus				4				50
46020101	Echinoderes	20	4	4	4	249	50	50	50
47	Nematoda			8	4			99	50
47030201	Campylaimus		4				50		
470304	Axonolaimidae	8				99			
47030404	Parodontophora	12				149			
470401	Linhomoeidae	4	8		8	50	99		99
47040103	Gterschellinqia	4	4	16	12	50	50	199	149
47040301	Sphaerolaimus	32	8		4	398	99		50
47040403	Gtheristus	12	36	4	16	149	447	50	199
47040405	Paramonhystera	12				149			
47050201	Microaimus	12	32	4	28	149	398	50	348
470505	Ceramonematidae	4		4		50			50
47051001	Guorylaimopsis	4		36	8	50	50	447	99
47051002	Sabatieria	65	108	60	60	808	1342	746	746
47051004	Metacomesoma			4	12				149
47051005	Paracomesoma			8					50
470511	Chromadoridae	24	4			298	50		99
470512	Cyatholaimidae	69	72	40	68	858	895	497	445
470513	Choniolaimidae	4	8	24	4	50	99	298	50
47060202	Tricoma		20	8	20		249	99	249
47110901	GHalalaimus	16		4		199		50	
471114	Uncholaimidae		4	4				50	50
50014102	GAricidae		4					50	
5001410301	Parsonis gracilis			4				50	
5001430502	Prionospio cirrifera	4				50			50
5001500307	Tharyx parvoni	4	8			50	99		
5001600306	Notomastus latericeus	16	8	24		199	99	298	
55	Bivalvia	4	4			50			
6117	Copepoda			4					50
6119040101	Londipedia helgolandica	4				50			
61190902	*Halectinosoma	16				199			
6119270102	Cletodes dissimilis	4				50			
6119270104	Cletodes tenuipes			4				50	
6119270105	Cletodes latirostris			4				50	
6119280402	Amphiscus minutus	4				50			
6119280799	*Haloschizopera junodi		4		4		50		50

344501	Gromiidae	72	172	152	200	895	2138	1889	2486
3450120498	?Lagenammina diffugiiformis		36		24		447		298
3450120499	?Lagenammina comprina				12				149
3450120107	Keophax scottii	28	64	49	20	348	796	609	249
3450450105	Ammoscleria pseudospiralis				4				50
3450450105	Textularia conica				4				50
3450540102	Eggerella bradyi		7		4		67		149
345201	Miliolaceae				12				50
3453030499	?Lagena spicata				4				50
3453380199	?Buliminella morgani	248	689	392	310	3083	8564	4873	3853
3453420109	Bolivina lowmani		64	8	121		796	99	1504
3453420110	Bolivina striatula			4				50	
3453460202	Bulimina marginata			7			87		99
3453530101	Cancris saera				4				50
3453530102	Epistominella vitrea		21		80		261		994
3453670199	?Cibicides concentricus		7	4	36		87	50	447
3454300104	Elphidium gunteri				4				50
3454520203	Fursenkoina pontoni				4				50
3454520299	?Fursenkoina complanata	40	234	396	153	497	2909	4922	1653
3454610199	?Florilus atlanticus		21		4		261		50
3454610299	?Nonionella basiloba	208	746	323	318	2585	9273	4015	3953
359999	?Holophridae				12				149
3901	Turbellaria		8				99		
46010102	Trachydemus		4	4			50		50
46020101	Echinodera		8	12		16	99	149	199
47	Nematoda	20	4	16	8	249	50	199	99
47030201	Camoyelaimus		4	8		13	50	249	162
470304	Axenolaimidae		4	20		4			50
47030404	GParodontophora								
47030501	GLeptolaimus	8					99		
47030703	GCamacolaimus		4						
470401	Linhomoeidra	20	8	12		249	50	149	
47040103	Gierschellinia		12				99		50
47040301	GSphaerolaimus			4	17		149		50
470404	Monhysteridae	4	4			50			211
47040403	GTheristus	28	40	56	65	348	497	696	808
47040501	Siphonolaimus						99		
47050201	Microlaimus	44	89	20	82	547	1106	249	1019
470503	Desmodoridae	12		8	5	149		99	112
470505	Ceramonematidae	12	12		17	149	149		211
47050701	Richtersia			4				99	
47051001	GDorylaimopsis		4	4			50		50
47051002	GSabatieria	76	56	96	129	945	696	1193	1603
47051004	Metacoeloma			8			99		
470511	Chromadoridae	4	40		43	50	497		534
470513	Cyatholaimidae	36	125	28	159	447	1554	348	1976
470515	Choniolaimidae				4				50
47060201	Desmoscolex	16		4		199			50
47060202	Tricoma	40	32	72	39	497	398	895	485
47110901	GHalalaimus		4	28	12	13	50	348	149
50014102	Caricidae		4		4		50		50
5001431701	Paraprionospio pinnata			8					
5001580204	Armandia maculata								
5001600306	Notomastus latericeus								50
55	Bivalvia				4				50
6119040101	Longipedia helgolandica		4	4	28		50	50	348
61190902	+Halectinosoma		12		12		149		149
6119150703	Normanella contuens	4	8	8	16	50	99	99	199
611927	Cletodidae			4					50
6119270104	Cletodes tenuipes								50
6119280799	+Haloschizopera junodi				4				50
6119280903	Stenhella mastigochasta	4	4			50	50		50

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Code	Organism name	A	R	C	D	A/a	R/a	C/a	D/a			
344501	Gromiidae	28	12	52	60	348	149	646	746			
3450250107	Reophax scottii	15	8		4	186	99		50			
3450450103	Textularia earlandi	5				62						
3450540102	Engerella bradyi		4				50					
3452140114	Uuinqueloculina vulgaris			7	4			87	50			
3453380101	Buliminella elegantissima	10	20	14	4	124	249	174	50			
3453380199	?Buliminella morgani	156	192	203	196	1939	2387	2523	2436			
3453420109	Bolivina lowmani	351	372	261	56	4363	4624	3244	696			
3453420110	Bolivina striatula	10	24	14		249	298	174				
3454250101	Ammonia beccarii	20	12	22	28	186	149	273	348			
3454520299	?Fursenkoina complanata	15				62						
3454610299	?Nonionella basiloba	1059	816	2295	660	13163	10143	28527	8204			
3454650201	Melonis pompiloides			7	4			87	50			
3901	Turbellaria			4				50				
43	Rhynchocoela				4				50			
46020101	Echinoderes		28				348		50			
47	Nematoda		20				249					
47030401	GAxonolaimus	5				62						
47030404	GParodontophore	10	4	4	8	124	50	50	99			
470305	Leptolaimidae	10		36		124		447				
470401	Linhomoeidra		4	4	36		50	50	447			
47040103	GParaschelinia	90	24	96	84	1119	298	1193	1044			
47040301	GSphaerolaimus		4		8		50		99			
470404	GMonhysteridae			8					99			
47040402	GMonhystera	15			16	186			199			
47040403	GTheristus	85	24	92	44	1057	298	1144	547			
47040405	Paramonhystera		12				149					
47050201	Microaimus	10				124						
470503	Deamodoridae	5		4		62			50			
47050305	Eubostrichus			4					50			
470510	Comesomatidae	5				62						
47051001	GDorylaimopsis	10	12		24	124	149		298			
47051002	GSebasteria	120	112	184	184	1492	1392	2287	2287			
47051004	Metacomesoma	5	20		12	62	249		149			
47051005	Paracomesoma		8		4		99		50			
470511	Chromadoridae	5	4	4	12	62	50	50	149			
470512	Cyatholaimidae	230	148	132	188	2859	1840	1641	2337			
470513	Choniolaimidae	10	4			124	50					
47060202	Iricoma	25	4	4		311	50		50			
471103	Ironidae	10				124						
471114	Uncholaimidae	30	4	4		373	50		50			
5001250115	Nephtys incisa			8					99			
5001430502	Prionospio cirrifera				4				50			
5001600306	Notomastus latericeus	8		12		99		149	50			
5001670211	Ampharete americana	8	4			99	50		50			
6117	Copepoda	4		4		99			50			
611927	Ctenodidae	8		4		99			50			
6119270406	Enhydrosoma hopkinsi			4					50			
6119280799	+Haloschizopera Junodi	8	16	28		99	149	348				

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Diffugiidae	4				50		348	
3443	Rhizopoda filosa	140		28		1740			
344501	Croniidae	56	92	28	60	696	1144	348	746
3450120499	?Lageneimina comprina	29	17	63	24	360	211	783	298
3450250107	Keopax scottii	10	8	13	8	99	99	162	99
3450320401	Amooscalaria pseudospiralis	10				124			
3450450201	Bigennerina irregularis	49	8	13	32	609	99	162	398
3450540102	Eggersia bradyi	10				124			
345201	Mytiloacea	10				124			
3452140112	Quinqueloculina compta	19				236			
3452140114	Quinqueloculina vulgaris						99		
3453380101	Bullainella elegantissima	78	306	429	284	970	3804	5332	3530
3453380199	?Bullainella morgani	185	51	113	76	2300	634	1405	945
3453420109	Bullina lowmani	10			4	124			50
3453460202	Bullina marginata	40				497			
3453540302	Epistominella vitrea						99		
3453670199	?Clibicides concentricus	9	93	38	44	112	1156	472	547
3454250101	Ammonia beccarii	10	8			124	99		
34545202	Fursenkoina	10				124			
3454520203	Fursenkoina pontoni	10			20	124			249
3454520299	?Fursenkoina complanata	2607	2224	2812	152	32405	27644	34953	1869
3454610299	?Nonionella basiloba	4				50			
3490020197	?Hinnipopsis ovalis								50
34999	Holopryidae	4				50			50
3701	Hydrozoa	4				50			50
43	Rhynchocoela	4				50			50
4401	Macrodasyoidea	4				50			50
46010101	Pycnophyes		4				50		50
46010102	Trechidius							398	
46020101	Echinoderes	16		32		199	410	199	
47	Nematode	72	33	16		895	410	199	
47030201	Campylaimus								50
47030202	Tarvaia				4				50
47030404	GPhagodontophora								249
470401	Linhomoeidae	10	7	20		124	87		50
47040103	Gierschellingia	111	127	52		1380	1579	646	646
47040301	GSpheerolaimus	10	13	4		124	162	50	99
47040403	GTheristus	77	80	52	40	957	994	646	497
47040405	Paramonhystera		20	40	16	249	497	199	
47040501	Siphonolaimus		7			87			
47050201	Microilaimus	5	13			162			
470503	Desmodoridae	10		8	12	124		99	149
47050305	Eubostrichus	29		8		360		99	149
470505	Ceramonematidae	19	7	4		236	87	50	
47051001	Gonyliopsis	63	174	40	28	783	2163	497	348
47051002	GSabacteria	154	187	68	68	1914	2324	845	845
47051003	Cervonema	5				62			
47051004	Metacomosoma	10	7	36	16	124	87	447	199
47051005	Paracomosoma		7			87			
470511	Chromadoridae		27		4	336			50
47051104	GHypodontolaimus	5				62			
470512	Cyatholaimidae	92	120	48	20	1144	1492	597	249
470513	Chonolaimidae	24				298			50
47050201	Desmoscolex			36				447	
47060202	Tricoma	29	33	20	16	360	410	249	199
4710901	Ghalaimus	43	7	16		534	87	199	
471114	Oncholaimidae	14	13			174	162		50
471199	?Enchelioididae						87		50
50014102	Garicidae			28			50	348	
5001431701	Paraprionospio pinnata	4	12				149		
5001500307	Tharyx marioni		8				99		
5001600306	Notomastus latericeus	4				50			50
5004	Oligochaeta								50
6113	Apodocopa								50
6117	Copepoda								50
611909	Ectinosomatidae		8				50		
61190902	*Helectinosoma	20	8	12		249	99	149	
611910	Harpacticidae	8				99			
6119150703	Normanelia confluens							50	50
6119180199	*Nitocra reducta							99	
611927	Cletodidae							50	
6119270104	Cletodes tenuipes							50	
61192704	Genhydrosoma	16				199			
6119280799	*Hatoschizopera junodi			8				99	50
61192809	GStenella								50
61200401	GCorycaeus								
620090198	?Githona colcarva		4				50		
7802	Gyanothoeata stenostomata	4				50			

760523C 286 T.B MEIOFAUNA - TAXONOMY BLM286C1

12/17/79 13:24:03

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromitidae	10				124			
3450120498	?Lagenammina difflugiformis		A				49		
3450120499	?Lagenammina comprima		13		2		162		25
3450750107	Reophax scottii	4	2	10		50	25	124	
3450990105	+Textularia conica		4	6			50	75	
34509999	+Alveolophaeum		4				50		
345201	Miliolacea			4			50		50
3453380199	?Buliminella morgani	172	250	225	104	2138	3108	2797	1293
3453420109	+Bulimina lowmani	2	2	16		25	25	199	25
3453420199	+Bulimina simplex			4				50	
3453480299	?Trifarina bella				2				25
3453530101	Cancriis sogra	2	4			25	50		
3453670199	?Libicoides concentricus		4	14			50	174	
3454250101	Ammonia beccarii		4	4			50	50	
3454520203	Fursenkoina pontoni		19	2			236	25	75
3454520299	?Fursenkoina complanata	48	15	16	6	597	186	199	149
3454610199	?Florilus atlanticus	6	30	2	6	75	373	25	75
3454610299	?Nonionella basiloba	82	393	105	102	1019	4885	1305	1268
3514	Ciliatea holotrichia		2				25		
3529	Ciliatea peritrichia		2				25		
359999	?Holophryidae		2				25		
46010102	Trachydemus	2	2				25		
46020101	Echinoderes			2					25
470304	Axonolaimidae	4					50		
470401	Linhomoeidae	4		8			50		49
47040103	Gierschellinia	6		2			75		25
47040301	GSchaerolaimus	2	4		2		25	50	25
47040402	GMonhystera	2					25		
47040403	GHeristus	4	8	4			50	99	50
47050201	Microilaimus	2	2				25	25	
470503	Desmodoridae			4					50
470505	Leramonematidae	2					25		
47051001	GDorylaimopsis		2	8	2		25	99	25
47051002	GSabatieria	24	54	20	10	298	671	249	124
470511	Chromadoridae		4				75	25	
470512	Cyatholaimidae		4		6		50	25	75
470513	Choiolaimidae	2	2				25	75	25
47060202	Iricoma			2					
47110901	GHalalaimus	2	2				25		
471114	Uncholaimidae		2				25		
5001	Polychaeta					2			25
50013101F3	Lumbrinereis tenuis	4					50		
50014102	GAricidea						25		
5001500307	Tharyx marioni	2			4		25		50
5001600306	Notomastus latericeus						25		
6119	Aharpacticoida								
6119040101	Lonicipedia helgolandica		2				25		
6119280799	+Haloschizopera junodi						25		
61192809	GStenhelia						25		

780524C

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MEIOFAUNA - TAXONOMY

BLM2b6C1

12/17/79

13:24:03

Code	Organism name	A	R	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	34	6	16	76	423	75	199	945
3450120499	?Lagenammina comprima		4	78	12		522	970	149
3450150107	Keophae scottii		2	2	4		25	25	50
3450450105	Textularia conica				4				50
3450540102	Eggerella bradyi				16				189
3453380101	Buliminella elegantissima			4	24			50	298
3453380199	?Buliminella morgani	20	30A	326	226	249	3828	4052	2809
3453420109	Dolivina lowmani	6	4	6	12	75	50	75	149
3454250101	Ammonia beccarii	4	16	38	73	50	199	472	907
3454300109	Elphidium gunteri				8				99
3454520299	?Fursenkoina complanata	2			4	25			50
3454610199	?Florilus atlanticus		2	2	4		25	25	50
3454610299	?Nonionella basiloha	6	24	2	8	75	298	75	99
3901	Turbellaria			6	2			25	50
46020101	Echinoderes	4	2	10		50	25	124	25
47	Nematoda	14				174			75
470304	Axonolaimidae	2			6	25			75
47030404	GParodontophora			6				75	25
47030501	GLeptolaimus				2				25
470401	Linhomoeidra	24		20	6	298		249	75
47040103	Gierschellingia	22	?	12	14	273	25	149	174
47040301	GSphaerolaimus			4	4			50	25
470404	Monhysteridae				2				50
47040402	GMonhystera	18				224			273
47040403	GTheristus	26		30	22	323	25	373	273
47040501	Siphonolaimus	6	2			75		25	25
47050201	Microilaimus	26		10	4	323		124	50
470503	Desmodoridae	18			16	224			199
47050305	Eubostrichus	4		2		50		25	25
470505	Ceramonematidae				2				25
47051001	GDorylaimopsis	12	12	24	52	149	149	298	646
47051002	GSabatieria	32	2	44	26	398	25	547	323
47051004	Metacoeloma			18	14			224	174
47051005	Paraconesoma			2	2			25	25
47051006	Laimella		2	12	4		25	149	50
470511	Chromadoridae	4				50			50
470512	Cyatholaimidae	38	6	64	38	472	75	796	472
470513	Chonitoidae	2	2			25	25		25
47060201	Desmoscolex	2		2	2	25		25	25
47060202	Iricoma	16			6	199			75
47110701	Ghalialaimus	4		4		50		50	50
5001210301	Parionis gracilis			2				25	25
5001430502	Prionospio cirrifera			2				25	25
5001600306	Notomastus latericeus	4		4		50		50	50

7R0801PE05002B6 T.H

MEIOFAUNA - TAXONOMY

RLM2R6C2

01/03/80

08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae				6				75
3450120499	?Lagenammina comprimata	20		40		240		497	
3450320401	Ammoscalaria pseudospiralis			8				99	
3450540102	Eggerella bradyi			8				99	
3453380199	?Bulliminea morgani	188	80	260	8	2337	994	3232	99
3453420109	Bolivina lowmani			4				50	
3453420110	Bolivina striatula			4				50	
3454250101	Ammonia beccarii	4	8	12	1	50	94	149	12
3454520299	?Fursenkoina complanata			4				50	
3454610299	?Nonionella basiloha	8	88	4	2	99	1094	50	25
353102	Scyphidiidae				2				112
46020101	Echinoderes	8			2	99			25
47	Nematoda		4			62	50		
47030201	Campylaimus					112			
47030404	GParodontophora					112			
470401	GInhomoeidra	9	18	8			224	49	
47040103	Gierschellindia	104	139	28	1	1293	1728	348	12
47040301	GSphaerolaimus		4				50		
47040402	GMonhystera	5				62			
47040403	GTheristus	95	148	20	3	1181	1840	249	37
470503	Desmodoridae		4				50		
47050305	Eubostrichus	32	22	8	3	398	273	99	37
47051001	GDorvulaimonis	41	13	12	1	510	162	149	12
47051002	GSabatieria	162	192	48	1	2014	2387	597	12
47051004	Metacoemesoma	104	49	4		1293	609	50	
47051006	Laimella					62			
470512	Cyatholaimidae	63	36	24	1	783	447	298	12
470513	Choniolaimidae		4				50		
47110901	GHalalaimus		13				162		
47110902	GXystomina		4	4			50	50	
50012201	GAncistrosyllis			2				25	
5001220201	Sigambra tentaculata	8	4			99	50		
50014102	GAricidea		4				50		
5001600402	Mediomastus californiensis			2				25	
6119150703	Normanella confluens	16		4		199		50	
6119281001	Typhlamphiascus lamellifer		8				99		

780801PE20002H6 T.B

MEIOFAUNA - TAXONOMY

BLM286C2

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	U/a
344501	Groniidae	12	56		2	149	696		25
3450120499	?Lagenammina condrina		12	4	16		149	50	199
3453380199	?Hulimnina morgani	340	256	248	138	4226	3182	3083	1715
3453420109	Hulimnina lowmani	4	12			50	149		25
3453670199	?Cibicides concentricus			4	2	99		50	25
3454250101	Ammonia beccarii	8	20		6		249		75
3454520299	?Fursenkoina complanata		164		4		2039		50
3454610299	?Nontionella basiloba	4				50			
46020101	Echinoderes	10			2	124			25
47030404	GParodontophora			4				50	
47030703	GAmaccolaimus							50	
470401	Linhomoeidae	44	16	4	6	547	199		75
47040103	Gterschellingia	88	44		14	1094	547		174
47040301	GShaeerolaimus	15	4		6	186	50		75
47040402	GMonhystera		4				50		
47040403	Gtheristus	162	20	16	38	2014	249	199	472
470503	Desmodoridae	5		4		62		50	
47050305	Eubestrichus	15	28		2	186	348		25
47051001	GOrvylaimopsis	34	8	20	2	423	99	249	
47051002	GSabatieria	132	72	24	70	1641	895	298	870
47051004	Metacoeloma	78	20	16	34	970	249	199	423
47051005	Paracoeloma				4				50
47051006	Laimella				2				25
470511	Chromadoridae	5			4	62			50
470512	Cyatholaimidae	88	24	4	38	1094	298	50	472
470513	Choniolaimidae	5	4		2	62	50		25
47060201	Desmoscolex			4				50	
47110901	GHalalaimus	10			2	124			25
47110902	GUxystomina	5	4			62	50		
471114	Incholaimidae	10				124			50
471198	?Leptosomatidae (nematoda)			4					
5001220201	Sigambra tentaculata	12	4			149	50		
5001430502	Prionospio cirrifera		4				50		
5001431701	Paraprionospio pinnata	4			4	50			50
5001600306	Notomastus latericeus				4				50
6119150703	Normanella confluens	4			2	50			25
6119281001	Typhlamphiascus lamellifer	4			4	50			50



780801PN0500286 T.R

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	29	20		50	360	249	
3450120499	?Legenamma compta	3				37			
3452140112	Quinqueloculina compta		1				12		
3453380199	?Buliminella morgani	8	39	252	2	99	485	3132	25
3453420109	Bolivina lowmani		1				15		
3453670199	?Cibicides concentricus		1	20			50	249	
3454250101	Ammonia beccarii		1				15		
3454520299	?Fursenkoina complanata		1				50		
3454610299	?Nonionella basiloba		1				50		25
46020101	Echinoderes		1				15		
470401	Linhomoeidra		2	4			20	50	
47040103	GTerschellinia	8	3	65		99	75	808	
47040402	GMonhystera		3				37		
47040403	GTheristus	2	3	56			37	696	
47050305	Eubostrichus	4	2	9		50	25	112	
47051001	GDorylaimopsis		2				25	3132	
47051002	GSabatieria	6	21	252	4	75	261	435	50
47051004	Metacoeloma		1	26			12	323	
470512	Cyatholaimidae	2	1			25	12		
470513	Choniolaimidae		1				12		
47110901	GHalalaimus		2				25		25
47110902	GQxystomina			4				50	
471114	Oncholaimidae			4				50	
5001220201	Sigambra tentaculata	2	2			25	25		
50014102	GAricidea			4				50	25
5001431701	Paraprionospio pinnata		2				25		
5922	Acarina		1				12		50
6118	ACalanoidea		1			4			
61180401	GParacalanus	2				25			
6118040102	Paracalanus crassirostris		2				25		25
6119040101	Longioedia helgolandica			4				50	

344501	Gromiidae			2	8			224		25	99
3450120499	?Lagenammia comorima	1A						224			
3453380199	?Buliminella morgani	109	18	4	24	1355	224	50	298		
3453420109	Holivina lowmani	1		2	4	12		25	25		
3454250101	Ammonia beccarii	4			4	50		50	50		
3454610299	?Nonionella basiloba	5	4	4	30	62	50	50	373		
46010101	Pycnophyes	1				12					
47	Nematode			2				25		25	
47030404	GParodontophora	1		4		17		50			
470401	Linhomoeidra	3		4		37		50	75	25	
47040103	GTerschellingia	13	20	2	30	162	249	373			
47040301	GSphaerolaimus	1		2		12		25	25		
470404	Monhysteridae				8			99	50		
47080403	GTheristus				8			99	99		
47050305	Eubostrichus				4			50	50		
47051001	GDorylaimopsis	4	22		6	4	50	273	75	50	
47051002	GSabattaria	9	64		12	12	112	796	149	149	
47051004	Metacoeloma	1	14		12		12	174	149		
47051006	Laimella	2			4			25	50		
470511	Chromadoridae	5						12	12		
470512	Cyatholaimidae		28		1A		62	348	224	50	
470513	Choniolaimidae				4				50		
47110902	GXystomina	1			2			12	25		
6118040102	Paracalanus crassirostris	1						12			

780R01PS05002R6 T.B

MEIOFAUNA - TAXONOMY

RLM2B6C2

01/03/80

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae			2				25	
3450120499	?Lagenammina comprima		4				50		25
3452140112	?Quinqueloculina compta				2				
3453380199	?Bulliminea morgani	4	20	6		50	249	75	
3453420109	Bollvina lowmani		2				25		
3454250101	Ammonia beccarii	2			4	25			50
3454610299	?Nonionella hasiloba	10		8	2	124		99	25
46010102	Trachydemus		2				25		
47	Nematoda			2				25	
47030404	GParodontophora		2				25	25	
47030501	GLeptolaimus	2				25			
47030703	GCamacolaimus			2				25	
470401	Linhomoeidra			6				75	
47040103	GTerschellindia	20	64	86	2	249	796	1069	25
470404	Monhysteridae			4				50	
47040403	GTeristus	4	2	28	2	50	25	348	25
47050305	Eubostriachus		12	14			149	174	
47051001	GDorylaimopsis		2	16			25	199	
47051002	GSabatieria	2	32	26	2	25	398	323	25
47051004	Metacomosoma	4		10	2	50		124	25
470512	Cyatholaimidae	2	4	38		25	50	472	
470513	Choniolaimidae			2				25	
47110902	GQxystomina			6				75	
5001431701	Paraprionospio pinnata				2				25

780801PS2000286 T.R

METOFAUNA - TAXONOMY

BLM286C?

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
34	Protozoa I				4				50
344501	Gromiidae	2	8	2	52	25	99	25	646
3450120499	?Lagenammina comprina		4				50		
3453380199	?Buliminella morgani	6	150	50	190	75	1464	621	2362
3453420109	Bolivina lowmani		2				25		
3453420110	Bolivina striatula				6				75
3454250101	Ammonia beccarii			2	2			25	25
3454520299	?Fursenkoina complanata				6				75
3454610299	?Nonionella basiloba		46	36	74		572	447	420
47	Nematoda		2	2	6				75
470401	Linhomoeidra	14	14	2	6		174	25	75
47840103	GTerachellinia	22	10	42	20	273	124	522	249
47040301	GSphaerolaimus		2				25		
470404	Monhysteridae	4		14		50		174	
47040403	GTheristus	26	32	24	24	323	398	298	298
47050201	Microloaimus		2				25		
47050305	Eubostriachus	12	8	16		149	99	199	
470505	Ceramonematidae	2				25			
47050701	Richtersia		2				25		
47051001	GDorylaimopsis	10	10	36	38	124	149	447	472
47051002	GSabatieria	34	35	44	26	423	398	547	323
47051004	Metacomosoma	10	14	4	20	124	174	50	249
47051005	Paracomosoma					25			
470511	Chromadoridae		2			25			
470512	Cyatholaimidae	18	32	16	36	224	398	199	447
470513	Choniolaimidae	4	2	4	2	50	25	50	25
47060202	Tricoma	2				25			25
47110901	GHalalaimus		4				50		25
471114	Gncholaimidae	2				25			
5001220201	Sigambra tentaculata		4				50		
5001600306	Notomastus latericeus				2				25

344501	Gromiidae			1		4		12		50
3450120499	?Lagenammina conprina				26	34			323	423
3453380199	?Buliminella morgani	12	3	180	4	96	149	37	2237	1193
3453420109	Bolivina lowmani				4	2			50	25
3454250101	Ammonia beccarii				2				25	25
3454610299	?Nonionella basiloba	6		10			75		124	
345999	?Holophryidae					2				25
46010102	Trachydemus					2				25
46020101	Echinoderes					8				25
470304	Axonolaimidae					4				25
47030404	GParodontophora					20				244
47030703	SCamacolaimus				2				25	
470401	Linhomoeidra				10	15		12	124	186
47040103	GTerschellinoia	22	1	54	4	61	273		671	758
47040301	GSphaerolaimus				4	4			50	50
47040403	GTheristus	6		24		26	75		298	323
470503	Desmodoridae				2				25	
47050305	Eubostrichus	2	4	10		2	25	50	124	
470505	Ceramonematidae				2				25	
47051001	GDorvialmopsis				10	13			124	125
47051002	GSabatieria	22	2	104		91	273	25	124	162
47051004	Metacomesoma	2		2		39	25	25	25	485
47051005	Paracomesoma				2				25	
470511	Chromadoridae				4	2	50		25	25
470512	Cyatholaimidae				36	48			447	587
470513	Choniolaimidae	2		6		2	25		75	25
47060202	Tricoma					2			25	25
47110901	GHalalaimus					2			25	25
47110902	GOrxatomina					2			25	25
471114	Uncholaimidae					2			25	25
5001220201	Sigambra tentaculata	2					25		25	
5922	Acarina					2			25	25
6119150703	Normanella confluens				2				25	25

344501	Gromiidae	14	8		32	174	99		25	398
3450120498	?Lagenammina difluqiformis								25	
3450120499	?Lagenammina comorima	2			4				50	
3450540102	Eggerella bradyi					25				
3453380199	?Buliminella morgani	98	64	36	288	1218	796	447		3580
3453420109	Holivina lowmani	6				75				
3453420110	Holivina striatula	2				25				
3453460202	Bulimina marginata				4					50
3454250101	Ammonia beccarii				8				25	99
34545202	GFursenkoina	2				25				
3454520299	?Fursenkoina complanata				4					50
3454610299	?Nonionella basiloha	36	28	4	300	447	348	50		3729
46020101	Echinoderes				4					50
47	Nematoda		2		32			25		398
47030401	GAxonolaimus									
47030404	GPseudonotophora	2			2				25	
470401	Linhomoeidae	10	4		4	124		50		50
47040103	GTerschellinia	22	26		48	273	323			597
47040301	GSphaerolaimus		4		2			50	25	
470404	Monhysteridae		2					25		
47040403	GTieristus	10	14		16	124	174			199
47050201	Microilaimus	2				25				
47050305	Eubostriachus		4		20			50		249
47051001	GIorylaimopsis	14	14		4	174	174			50
47051002	GSabatieria	22	42		24	273	522			298
47051004	Metacoeloma	8	18		12	99	224			149
47051005	Paracoeloma		4		4			50		50
47051006	Laimella		2					25		
470511	Chromadoridae								25	
470512	Cyatholaimidae	22	18		2	273	224		25	
470513	Choniolaimidae									50
47110902	COxystomina				4					50
471114	Oncholaimidae		2					25		
5001220201	Sigambra tentaculata		4		4			50		
6119281001	Typhlamphiascus lamellifer	2				25				50

780802PE0500286 T.8

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gramiidae	2				25			
3453380101	Buliminella elegantissima	10				124			
3453380199	?Buliminella morgani	4	2	4		50	25	50	
3453420109	Bolivina lowmani	6				75			
3453420110	Bolivina striatula	4				50			
3453670199	?Cibicides concentricus	10	4	16	2	124	50	199	25
3454250101	Ammonia beccarii								
3454520299	?Fursenkoina complanata								
3454610299	?Nonionella basiloba								
43	Rhynchocoela								
46010102	Trachydemus	2				25			
46020101	Echinoderes	2	4	6		25	50	75	
47	Nematoda		8			99			
47030201	Campylaimus					37			
47030404	GParodontophora			2		25		25	
47030501	GLeptolaimus					99			
470401	Linhomoeidra		4	4		50	50		
47040103	GTerachellindia	12	2	48	12	1554	25	597	149
47040301	GSphaerolaimus			2				25	
47040403	GTheristus	25	2	10	4	311	25	124	50
47050201	Microlaimus	14				174			
470503	Desmodoridae					62			
47050305	Eubostrichus					37			
470505	Ceramonomatidae		2			37	25		
47051001	GDorylaimopsis				8				99
47051002	GSabatieria	169	60	48	38	2101	746	597	472
47051004	Metacoeloma	30	7	38	28	371	920	472	348
47051005	Paracoeloma	12	8	4		174	99	50	
47051006	Laimella					37			
470511	Chromadoridae		2			62	25		
470512	Cyatholaimidae	19	1	2	6	236	149	25	75
470513	Choniolaimidae		2	2			25	25	
47110901	GHalalaimus					62			
5001220201	Sigambra tentaculata	4			2	50			25
5001431701	Paraprionospio pinnata								25
5001440109	Magelona phyllisae					25			
5001600306	Notomastus latericeus					25			

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	14	2	8		174	25	99	
3450120499	?Legenaminna comorima	2	8	2		25	99	25	
3453380101	Buliminella elegantissima	2		2		25		25	
3453380199	?Buliminella morgani	26	12	32	2	323	149	398	25
3453420109	Bolivina lowmani	22		100		273		1243	
3453420110	Bolivina striatula			2				25	
3453460202	Bulimina marginata	2		4		25		50	
3453670199	?Cibicides concentricus	2	4	4		25	50	50	
3454250101	Ammonia beccarii		6	20	4		75	249	50
3454300109	Elphidium gunteri	2				25			
3454520299	?Fursenkoina complanata			6				75	
3454610299	?Nonionella basiloha	22	2	26		273	25	323	
353101	Epistylidae			2				25	
3901	Turbellaria			2				25	
46010101	Pycnophyes				2				25
46020101	Echinoderes	4		2		50		25	
47030404	GParodontophora		3				37		
47030703	GCamacolaimus	4	3	3		50	37	37	
470401	Linhnoeidea	14	23	5		174	286	62	
47040103	GTerscheilinia	123	151	66	16	1524	1877	820	199
47040301	GSphaerolaimus		3				37		
470404	Monhysteridae	2		3		25		37	
47040403	GTheristus	13	8	36		162	99	447	
470503	Desmodoridae	2				25			
47051001	GDorylaimopsis	4	17	25	2	50	211	311	25
47051002	GSabateria	85	104	153	16	1057	1293	1902	199
47051004	Metaconesoma	49	93	41	10	609	1156	510	124
47051005	Paraconesoma			3				37	
470511	Chromadoridae					25			
470512	Cyatholaimidae	11	8	3	2	137	99	37	25
47060201	Desmoscolex		3				37		
47060202	Tricoma			5				62	
47110901	GHalalaimus				2				25
5001220201	Sigambra tentaculata	2		2		25		25	
5001440109	Magelona phyllisae	2				25			



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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2				25		
3453380199	?Bulliminea morgani	2		2		25	25	25	25
3453420109	Bolivina lowmani		6	2	4	25	75	25	50
3454250101	Ammonia beccarii	2	4				50		
3454610299	?Nonionella basiloba			4				50	
43	Rhynchocoela			2	2			25	25
46010102	Trachydenus		4	8	6	50	50	99	75
46020101	Echinoderes	4				25			
47030201	Campylaimus	2				50			124
47030404	GParodontophora	4			10	25			
470305	Leptolaimidae	2				25			
47030501	GLeptolaimus		2			25	25		
47030703	GCamacolaimus	2				50	25	25	75
470401	Linhomoeidra		2	2	6	25	25	25	75
47040103	Gterschellingia	20	2	2	44	249	99	273	547
47040403	Gtheristus	18	4	6	12	224	50	75	149
47050201	Microlaimus	4	2			50	25		
470503	Desmodoridae	2		2	2	25		25	25
47051001	GDorylaimopsis	8	2		2	99	25		25
47051002	GSabatieria	96	54	42	100	1193	671	522	1243
47051004	Metacomesoma	46	4	26	3	572	50	323	398
47051005	Paracomesoma	2			2	25			25
47051006	Laimella						25		
470511	Chromadoridae		2		2	25	25		25
470512	Cyatholaimidae	16	4		16	199	50	99	199
470513	Choniolaimidae	2		2	2	25		25	25
47060202	Tricoma	2				25			
4710901	GHalalaimus	2		4		25		50	
47110902	GDxyatomiina				2				25
471114	Oncholaimidae	2				25			25
5001220201	Sigambra tentaculata					25			25
5001250115	Nephtys incisa	2				25			25
5001440109	Magelona phyllisae			2		25		25	25
5001600306	Notomastus latericeus	2		2		25		25	
5515480102	Petricola pholadiiformis				2				25
6117	Copepoda								
6118040102	Paracalanus crassirostris	4	2			50	25		25
61181902	GPseudodiaptomus				2				25
6118290104	Acartia tonsa	4		2	4	50		25	50
6120090198	?Oithona colcarva	4				50			

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Diffugiidae			2				25	
344501	Gromiidae				2				25
3450120499	?Lagenarina conprina	2				25			
3450320401	Ammoscalaria pseudospiralis				2				25
345201	Miliolacea			2				25	
3453380109	?Buliminella morgani	2	2	6		25	25	75	
3453420109	Bolivina lowmani		2	2			25	25	
3453670109	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	6	6	20	14	75	75	249	174
43	Rhynchocoela	2		4	2	75		50	75
46010101	Pycnophyes			14				174	
46010102	Trachydemus			4				50	
46020101	Echinoderes	14	10	12	16	174	124	149	199
47030201	Camnylaimus			4				50	
47030404	GParodontophora		6	4			75	50	
47030501	GLEptolaimus		4	4	4		50		50
47030703	GCamacoiaimus		2	2			25	25	
470401	Linhomoeidra	2	2		2	25	25		25
47040103	Gterschellindia	22	18	8	14	273	224	99	174
47040301	GSphaerolaimus				2				25
47040403	Gtheristus	4	12	6	10	50	149	75	124
47051001	Gdyrolaimopsis	18	6	10	10	224	75	124	124
47051002	GSabatieria	96	94	50	104	1193	1168	621	1243
47051004	Metacoemesoma	52	52	39	104	646	646	472	1243
47051005	Paracoemesoma		12		4		149		50
470511	Chronadoridae			6	2			75	25
470512	Cyatholaimidae	14	16	8	26	174	199	99	323
470513	Choniolaimidae	4		4	4	50		50	50
47110901	Ghalalaimus				2				25
47110902	GQxvstomina		2	4			25	50	
5001220201	Sigambra tentaculata	2		4	4	25		50	25
5001250115	Nephtys incisa	2			4	25			50
5001600306	Notomastus latericeus		2				25		
5502020204	Nucula proxima			2				25	
5922	Acarina	2				25			
6118	ACalanoida		2				25		
6118040102	Paracalanus crassirostris				2				25
6118290104	Acartia tonsa				2				25
61200602	Saphirella				2				25

7R0802PS05002B6 T.d

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		6	4			75	50	
3450120499	?Lagenammina compta	4	4			50	25		
345201	Miliolacea		4		2		50		25
3453380199	?Ruliminella morgani					25			
3454250101	Ammonia beccarii	2	8	4	6		99	50	75
3454610299	?Nonionella basiloba			2		50		25	
43	Rhynchocoela	4				50			
46020101	Echinodera		2	14	6		25	174	75
47	Nematoda	2		4		25		50	
47030404	GParodontophora			2				25	
47030501	GLeptolaimus				2	50			25
47030703	GCamacoleimus	4							
470401	Linhomoeidra			12				149	
47040103	GTerschellinia	10	6	112	44	124	75	1392	547
47040301	GSphaerolaimus			2				25	
47040403	GTheristus			10	12			124	149
47040501	Siphonolaimus				2				25
47050201	Microlaimus			2				25	
470503	Desmodoridae							25	
47051001	GDorylaimopsis	12			4	149		50	50
47051002	GSabatieria	24	52	140	74	298	646	1740	920
47051004	Heteromesoma		18	38	48		224	423	597
47051005	Paromesoma	2		2		25		25	
47051006	Laimella			6				75	
470511	Chromadoridae			4	2			50	25
470512	Cyatholaimidae	4	2	12		50	25	149	
470513	Choniolaimidae	4				50		75	
47110902	G0xytomina		2	2			25	25	
471114	Gncholaimidae			2	2			25	25
5001220201	Sigambra tentaculata	2				25		75	
5001430507	Prionospio pygmaea			6	2			50	25
5001600306	Notomastus latericeus							25	
61132003	Pelluciatoma							25	
82010201	Balanoglossus							25	

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	R	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammina comprina	8	28	6	6	99	348	75	75
3453380101	Bulliminella elegantissima	4		6	2			75	25
3453380199	?Bulliminella morgani	8	10	4		50		50	
3453420109	Bollivina lowmani	10	2	21	2	99	124	336	25
3453420110	Bollivina striatula			2		124	25	261	25
34534670199	?Cibicides concentricus							25	
3454250101	Ammonia beccarii	4	4	6	2	50	50	75	25
34545202	GFurgenkoina	2				25			
3454610299	?Nonionella basiloba	30		54		373		671	
3454650201	Melonis pompiloides			2				25	
3514	Ciliatea holotrichia			2				25	
46010101	Pycnophyes	2				25			
46020101	Echinoderes	10	10	10	4	124	124	124	50
47	Nematode			3				37	
47030201	Camecolaimus	6				75			
470304	Axonolaimidae	5				25			
47030404	GParodontophora	4		3		25		37	
47030501	GLeptolaimus					50			
47030703	GCamecolaimus			3				37	
470401	Linhomoeidra	13	7	15	2	162	87	186	25
47040103	GTerschellinia	50	62	97	38	621	771	1206	472
47040301	GSpaerolaimus			3	2			37	25
47040403	GTheristus	27	14	27	14	336	174	336	174
470503	Desmodoridae			3				37	
470505	Ceramonematidae	2				25			
47051001	GDorvilleopsis		12	6	10		149	75	124
47051002	GSabatieria	155	146	185	96	1927	1815	2300	1193
47051003	Cervonema			3				37	
47051004	Metacomesoma	69	76	51	82	858	945	634	1019
47051005	Paracomesoma	6	12	3		75	149	37	25
470511	Chromadoridae				2				25
470512	Cyatholaimidae	13	21	18	12	162	261	224	149
47060202	Tricoma	8				99			
471114	Oncholaimidae	2		2		25		25	
5001220201	Sigambra tentaculata		6	2			75	25	
5001440109	Megalona phyllisae	2				25			
611928	Dioacidae				2				25
61200602	Saphirella			2	2			25	25

7A0R02Pw0500286 T.h

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	2			25	25	
3450320401	Ammoscalaria pseudospiralis		2				25		
345201	Miliolaceae	2				25			
3453380199	?Buliminella morgani	6	4	4		75	50	50	
3453420109	Bolivina lowmani		4				50		
3453420110	Bolivina striatula	6		4	2	75	199	50	25
3454250101	Ammonia beccarii	6	15			75			
3454610299	?Nonionella basiloba		2				25		
3454650201	Melonis pompiloides		2				25		
43	Rhynchocoela		2					25	
46	Kinorhyncha			2				25	
46010101	Pycnophyes	2	2			25	25		
46010102	Trachydemus			2				25	
46020101	Echinoderes	2	4	10	4	25	50	124	50
47	Nematoda			8				99	
47030402	Gndontophora				2				25
47030404	Gperodontophora			4				50	
47030703	Gcamacolaimus		2	8			25	94	
470401	Linhomoeidae	4		4	4	50		50	50
47040103	Gterschellinaia	6	26	32	34	75	323	398	423
47040301	Gsphaerolaimus			4				50	
47040403	Gtheristus	2	8	4	12	25	94	50	149
47050305	Eubostrichus			2				25	
47051001	Gquyrlaimopsis			6	4			75	50
47051002	GSabatieria	22	102	52	76	273	1268	646	945
47051004	Metacoemesoma	4	30	60	28	50	373	746	348
47051005	Paracoemesoma		12	4			149	50	
470512	Cvatholaimidae		16	12			199	149	
470513	Choniolaimidae			2				25	
47110901	Ghalalaimus			2		25		25	
5001220201	Siqambra tentaculata	6	2		2	75	25		25
50012404	Gnereis							25	
5001440109	Magelona phyllisae			2				25	

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	4			25	50	
3453380199	?Buliminella morgani			2	2			25	25
3453420109	Bolivina lowmani		16	2			199	25	25
3454250101	Ammonia beccarii	4	8	54		50	99	671	
3454300109	Elphidium gunteri			6				75	
3454520299	?Fursenkoina complanata	2						25	
3514	Ciliatea holotrichia	2						25	
43	Rhynchocoela			2				25	
46010101	Pycnophyes			4				50	
46010102	Trachydemus			2				25	
46020101	Echinodera	6		8	14	75		99	174
470304	Axonolaimidae				2			25	
47030404	GParodontophora			2	6		25	25	75
47030501	GLeptolaimus		2		4		25	25	50
470401	Linhomoeidra	6			6	75	25	25	75
47040103	Gierschellinia	12	12	4	16	149	149	50	199
47040301	GSphaerolaimus				2			25	
47040403	GTheristus	10		22	14	124		273	174
470503	Desmodoridae			2	4			25	50
470510	Comesonatidae	2				25		25	
47051001	GDorylaimopsis	2	2	20	16	25	25	249	199
47051002	GSabatleria	66	30	120	118	820	373	1492	1467
47051004	Metacomesoma	2	14	48	46	25	174	597	572
47051005	Paracomesoma			4	4			50	50
470511	Chromadoridae				2			25	
470515	Cyatholaimidae	4	2	4	16	50	25	50	199
470515	Choniolaimidae		4		4		50	50	50
471114	Oncholaimidae	2				25			
5001220201	Sigambra tentaculata			2				25	
5001600306	Notomastus latericeus				8				99
5922	Acarina	2				25			
6118040102	Paracalanus crassirostris			2				25	
6118290104	Acartia tonsa								25
6120090198	?Oithona colcarva				2				25

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12	32	36	40	149	398	447	497
3450120499	?Lagenammina comprima		8	4	8		99	50	99
3450250107	Reophax scottii			4			50		
3450450103	Textularia earlandi		4				50		
3450540102	Eggerella bradyi		4				50		50
3452140112	Quinqueloculina comota	4		4	4	50		50	
3452140509	+Pyrgo nesuta							50	
3453180199	?Bulliminea morgani	140	344	144	412	1740	4276	1790	5121
3453420109	Bolivina lowmani	16	60	12	8	199	746	149	99
3453420110	Bolivina striatula			12	4			149	50
3453460202	Bullimina marginata			4				50	
3453480299	?Trifarina bella	4			4	50			50
3453530101	Cancris saara				4				50
3453560104	Eponides antillarum				4				50
3453670199	?Cibicides concentricus	8	96	12	4	99	1193	149	
3454250101	Ammonia beccarii	4	4		4	50	50		50
3454520299	?Fursenkoina complanata	52	28	32		646	348	398	
3454610299	?Nonionella basiloba	816	592	544	688	10143	7359	6762	8552
3901	Turbellaria	4	16	16	8	50	199	199	99
43	Rhynchocoela	4				50			
47	Nematoda		16		4		199		50
47030202	Tarveia		4				50		
47030501	GLeptolaimus	4	8			50			
47030703	GCamacolaimus					149		50	
470401	Linhomoeidra	12	12	4			149	50	
47040301	GSphaerolaimus	4				50			
470404	Monhysteridae	8	24	8	20	99	298	99	249
47040403	GTheristus	4			4	50			50
47040405	Paramonhystera								
47050201	Microilaimus		4	8			50	99	
470503	Desmodoridae	16	8	4		199		99	50
47050305	Eubostriachus		4				50		
47050701	Richteria		28		4		348		50
470510	Comesomatidae		4				50		
47051001	GDorylaimopsis	24	96	28	20	298	1193	348	249
47051002	GSabatieria	80	72	12	24	994	895	149	298
47051003	Cervonema	4		4		50		50	
47051004	Metacomesoma	8	12			99	149		
470512	Cyatholaimidae	16	8	8	36	199	99	99	447
470513	Choniolaimidae		12	4			149	50	
47060201	Desmoscolex			4			50	50	
47060202	Tricome	4	8			50	99		
471103	Ironidae	4	4		4	50	50		50
47110401	GAnticoma			4				50	
47110901	GHalalaimus	8	4			99	50		
47110902	GUXystomina			4			50		50
471112	Enoplidae	4				50			
471114	Uncholaimidae	8				99			
471199	?Enchelidiidae	4				50			
5001	Polychaeta	4				50			
5001220103	Ancistrosyllis jonesi		4				50		
5001220201	Sigambra tentaculata				8				99
50014102	GAricidea	4		4		50		50	
5001600402	Mediomastus californiensis				4				50
50017001	GChone	4	4			50	50		
61192701	GCletodes	4				50			
611928	Diosaccidae		4				50		

780803PE20002R6 T.B

MEIOFAUNA - TAXONOMY

BLM2B6C2

01/03/R0

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae								
3450120499	?Lagenammina comprimata		16	20	16		199	249	199
3450450199	+Textularia mexicana		2		2		25		25
3453380199	?Buliminella morgani	56	50	154	152	696	621	1914	1889
3453420109	Bolivina lowmani	2		2		25		25	25
3453420110	Bolivina striatula	4				50			25
3453540699	+Discorbis nitida								25
3453560104	Eponides antillarum						75		25
3453670199	?Cibicides concentricus		8				99		25
3454250101	Ammonia beccarii	8	2			99	25		25
3454520299	?Fursenkoina complanata	18	2	2	4	224	25	25	50
3454610199	?Florilus atlanticus				2				25
3454610299	?Nonionella basiloba	107	150	166	286	1330	1864	2063	3555
3701	Hydrozoa		12		22		144		273
43	Rhynchocoela		2				25		
47	Nematoda							25	
470401	Linhomoeidae	2		2		25		25	
47040103	GTerachellinidae	4				50			
47040301	GSphaerolaimus	4	2	2		50	25	25	
47040403	GTheristus				4		25		50
47050201	Microilaimus	10	4	6	2	124	50	75	25
470503	Desmodoridae	2				25			
47050305	Eubostrichus	4				50			
470505	Ceramonematidae			2	2			25	25
47050701	Richtersia			6				75	
47051001	GDorylaimopsis	12	10	14	4	149	124	174	50
47051002	GSabatieria	36	26	26	24	472	323	323	298
47051003	Cervonema	6		4		75		50	
47051004	Metacoeloma			2				50	
47051006	Laimella							25	
470511	Chromadoridae				2				25
470512	Cyatholaimidae	2				25			
470513	Choniolaimidae			2	2			25	25
47060201	Desmoscolex			2	2			25	
47060202	Tricoma	6				75			
471103	Ironidae		2		2		25		25
47110901	GHalelaimus	2	4	4	2	25	50	50	25
47110902	GOxystomina			2				25	
471114	Oncholaimidae		2	2	4		25	50	50
471199	?Enchelidiidae	2				25			
5001220103	Ancistrosyllis jonesi	2				25			
5001220201	Sigambra tentaculata			2	2			25	25
50017001	GChone			2	2			25	25
5922	Acarina		2				25		
6117	Copepoda		12		6		149		75
611A040102	Paracalanus crassirostris		2				25		
6119270199	+Cletodes millerorum	2				25			
6120090198	?Oithona colcarva		2		4		25		50



Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
340501	Gromiidae								
3450120498	?Lagenammia difflugiformis	28	28	16	2	348	348	199	25
3450120499	?Lagenammia comprima	2				25			
3450250107	Reophax scottii	20				249			
3450540102	Eggerella bradyi			2				25	
345201	Miliolacea	6				75			
3453380101	Buliminella elegantissima			4	2				25
3453380199	?Buliminella morgani			4				50	
3453420109	Bolivina lowmani	109	448	80	8	1355	5569	994	99
3453420110	Bolivina striatula	2	40		6	50	497		75
3453560104	Eponides antillarum	2	4			25	50		25
3453670199	?Cibicides concentricus	18	72		6	224	895		75
3454250101	Ammonia beccarii	2				25			
3454250202	Gfursenkoia		4				50		
3454250203	Fursenkoia pontoni	2	4			25	50		
3454250299	?Fursenkoia complanata	4	28	4		50	348	50	
3454610199	?Florilus atlanticus	4				50			
3454610299	?Nonionella basiloba	232	776	196	12	2884	9646	2436	149
3520	Ciliatea holotrichia apostomatida				2				25
3901	Turbellaria		8	10	4		99	124	50
43	Rhynchocoela			2				25	
46010101	Pycnophyes			2				25	
46020101	Echinoderes	8						25	
47	Nematoda	8		8		99			
47030201	Campylaimus			2		99		99	
470304	Axonolaimidae		8				99	25	
470305	Leptolaimidae	4				50			
470401	Linhomoeidra	12	4		6	149	50		75
47040103	GTerscheilinia			2	2			25	
47040301	GSphaerolaimus	8				99			99
47040403	GItheristus	28	32	8	16	348	398	99	199
47050201	Microilaimus	4	4	6	8	50	50	75	99
470503	Desmodoridae	4	4	8		50		99	
470505	Ceramonematidae	16	16			199	199		
47050701	Richtersia	12	8	2	2	149	99	25	25
470510	Comesomatidae					50			
47051001	GDorylaimopsis	73	8	8	6	907	99	99	75
47051002	GSabatieria	85	78	8	22	1057	970	945	273
47051003	Cervonema	4	8		10	50	99	124	25
47051004	Metacomsona	16		26	10	199		323	124
47051005	Paracomsona							50	
470511	Chromadoridae	12	8	2	2	149	99	25	25
470512	Cyatholaimidae	12	4	12	14	149	50	149	174
470513	Choniolaimidae	8	8	2	2	99	99	25	25
47060201	Desmoscolex		4				50		
47060202	Tricoma	8	8	4	2	99	99	50	25
471103	Tronidae	4				50			
47110401	GAnticoma		4				50		
47110901	GHalalaimus	8		2			50		25
471112	Enoplidae	8				99			25
471114	Oncholaimidae	8		2		99			25
5001	Polychaeta	2				25			25
500121	Hesionidae			2					25
5001220103	Ancistrosyllis jonesi		4				50		
5001220201	Sigambra tentaculata			4		25		50	
50014102	Gracilidae					99			
5001410301	Paragonis gracilis					25			
5001400402	Mediomastus californiensis					25			
50017001	GChone	4				50			
5517020201	Corbula contracta		12		2		149		
5922	Acarina			2				25	25
6117	Copepoda	64	4	26	16	796	50	323	199
6118040102	Paracalanus crassirostris	8	8			99	99		
6118290104	Acartia tonsa	4		2		50			25
611925	Leiraonicepsidae						50		
6119280799	+Haloschizopera junodi		4		2			25	
6119281001	Tychlamphiscus lamellifer						50		
6120	ACyclonoida		4	4			50	50	
6120090198	?Dithona colcarva	16			6	199			75

780R03PN2000286 T.B

MEIOFAUNA - TAXONOMY

RLM2R6C2

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Code	Organism name	A	P	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenemmina comprina	28	12	80	4	34R	149	994	50
3450450199	+Textularia mexicana		4				50		
3452140112	Quinqueloculina compta		8				50		
3453030399	?Marginulina obesa				2				25
3453380199	?Bulliminella morgani	34	232	290	16	423	2884	3605	199
3453420109	Bolivina lowmani	2	16	35	2	25	199	435	25
3453420110	Bolivina striatula			20				249	
3453460202	Bullimina marginata		4				50		
3453530101	Cancris sacra			5				62	
3453670199	?Cibicides concentricus		8		6		99		75
3454520299	?Fursenkoina complanata	4	8	40		50	99	497	
3454610199	?Florilus atlanticus		44	15			547	186	
3454610299	?Nonionella basiloba	300	676	1252	24	3729	8403	15562	298
359999	?Holophryidae			4				50	
3703	Hydrozoa hydroida anthomedusae				2				25
3901	Turbellaria	2		4	6	25		50	75
43	Rhynchocoela		4				50		75
46020101	Echinoderes	2				25			
47	Nematoda	4	4		8	50	50	50	99
47030402	G?odontophora			12				149	
47030404	G?Parodontophora	6				75			
470305	Leptolaimidae		4				50		
47030703	G?Camacolaimus				4				50
470401	Linhomoeidra	2	4	16	2	25	50	199	25
470404	Monhysteridae				4				50
47040403	G?Theristus	6	4	12	14	75	50	149	174
47050201	Microlelmus	2				25			
470503	Desmodoridae		4	16	4	25	50	199	50
47050305	Eubostrichus	2			2	25			25
470505	Ceramomonemidae			4				50	
47050701	Richtersia	8				99			
470510	Comesonatidae		4		2		50		25
47051001	G?Corylaimopsis	2	4		2	25	50		25
47051002	G?Sabatieria	10	8	24	12	154	99	298	149
47051004	Metacomosoma	2	8	8		50	99		
47051005	Paracomosoma	4				25			
47051006	Laimella			8				99	
470511	Chromadoridae	4			14	50			174
470512	Cyatholaimidae		8	4	8	25	99	50	99
470513	Choniolaimidae	2	8	12			99	149	75
47060202	Tricoma								25
47110401	G?Anticoma			4				50	25
47110901	G?Halalaimus			4				50	25
471114	G?Oncholaimidae			4				50	25
5001	Polychaeta		2				25		
5001220201	Sigambra tentaculata	2	2	4		25	25	50	99
5001250115	Nephtys incisa			8					
50017001	G?Chone			4	2			50	25
5922	Acarina	2				25			
6111070101	Harbansus paucichelatus								25
61132003	Pellucistoma				2				25
6117	Copepoda	4	4	8		50	50	99	
6118040102	Paracalanus crassirostris				2				25
61190902	*Halectinosoma			4					50
6119270406	Enhydrosoma hopkinsi	2		4		25			50
6120090198	?Oithona colcarva			4					50

780813SN0500286 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	34	6	18	10	423	75	224	124
3450120499	?Legenemmina compta	4				50			
3450250107	Reophax scottii	2				25			
3450540102	Eggerella bradyi	1				124			
3452140112	Quinqueloculina compta	2				50			
3452140114	Quinqueloculina vulgaris	1				25			
3453380199	?Buliminella morgani	10	20	16	2	131	249	199	25
3453420109	Bolivina lowmani	1	2			25	25		
3453480299	?Trifarina bella	1				25			
3453560104	Eponides antillarum	1				25			
3453670199	?Eibicides concentricus	1				25			
3454250101	Ammonia beccarii	10	2			124	25		
3454520299	?Fursenkoina complanata	2				25			
3454610299	?Nontionella basiloha	2	28	16	12	268	348	199	149
3901	Turbellaria	216	2			5	25		
43	Rhynchocoela	10	2			25	124		298
46010102	Trachydemus	2				2	25		25
46020101	Echinoderes	2				2	25		25
470304	Axonolaimidae	2				2	25		25
47030402	Godontophore	2				2	25		25
470401	Linhomoeidra	2				2	25		25
47040103	Gierschellinia	2				2	25		25
470404	Monhysteridae	2				2	25		25
47040403	Gtheristus	4				4	50		50
47050201	Microaimus	10	2			124	25		25
470503	Desmodoridae	2				2	25		25
47050305	Eubostrichus	2				2	25		25
470510	Comesomatidae	2				2	25		25
47051001	Gdorylaimopsis	4	4	2	4	24	50	25	50
47051002	Gsebatia	4	4	4	20	423	75	50	249
470512	Cyatholaimidae	6	6	6	2	75	75		25
470513	Choniolaimidae	10	4			124	50		25
47060201	Desmoscolex	2				2	25		25
47060202	Tricome	2				2	25		25
47110901	Ghalalaimus	2				2	25		25
471114	Oncholaimidae	2				2	25		25
5001220201	Sigambra tentaculata	2				2	25		25
50014102	Garricidae	2				2	25		25
5001600306	Notomastus latericeus	2				2	25		25
5001600402	Mediomastus californiensis	2				2	25		25
6118290104	Acartia tonsa	2				2	25		25
6119150703	Normanella confluens	2				2	25		25
6120050105	Ergasilus versicolor	2				2	25		25

780803PS20002B6 T.L.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32	14	8	10	398	174	99	124
3450120499	?Ladenemmina comprina	7				87			
3450250107	Reophax scottii	20				249			
3453380199	?Buliminella morgani	888	30	18	24	11038	373	224	298
3453420109	Bolivina lowmani			2	8			25	99
3453480103	Uvigerina parvula				2			25	25
3453480299	?Iridarina bella				4			50	50
3453670199	?Cibicides concentricus		2				25		
3454250101	Ammonia beccarii			2				25	
3454520203	Fursenkoina pontoni	13			4	162			50
3454520299	?Fursenkoina complanata	168			4	2088			50
3454610299	?Nontionella basiloba	1124	38	12	38	13971	472	149	472
3901	Turbellaria	8				99			
43	Rhynchocoela	40			4	497		75	50
470304	Axonolaimidae	4				50			
470401	Linhomoeidra	8				99			
47040103	Gterschellingia	4			2	50		75	25
47040403	Gtheristus	12			2	149		25	
47050201	Microaimus		2				25		
47051001	GDorvillainopsis				9				112
47051002	GSabatieria	16				199			112
470512	Cyatholaimidae	32				398			
47060201	Desmoscolex		2				25		
47060202	Tricoma	4				50		25	
471103	Ironidae	4				50			
50084102	GArctidea	4				50			

780A03PA0500286 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	R/a	C/a	D/a
344501	Gromiidae	6	60	8	12	75	746	99	149
3450120499	?Lagenammina compta	2	49	4		25	609	50	
3450250107	Reophax scottii				4				50
3450320401	Ammoscalaria pseudospiralis		3				37		
3450450103	+Textularia earlandi		5				62		
3450450199	+Textularia mexicana					25			
3450450201	Bigenerina irregularis	2	3			25	37		
3450450102	Eggerella bradyi		15				186		
3453380199	?Buliminella morgani	82	320	188	296	1019	4089	2337	3679
3453420109	Holivina lowmani	18	121	12	36	224	1504	149	447
3453420199	+Holivina simplex	2				25			
3453460202	Bulimina marginata		8	4			99	50	
3453530101	Cancris saepe	2				25			
3453540699	+Discorbis nitida		5				62		
3453560104	Eponides antillarum		3				37		
3453670199	?Cibicides concentricus	4	108	4	4	50	1342	50	50
3454250101	Ammonia beccarii	4	5		4	50	62		50
3454250299	?Fursenkoina complanata	8	8	36	40	99	99	447	497
3454610299	?Nonionella basiloba	294	657	400	488	3654	8167	4972	6066
43	Rhynchocoela	32	60	40	24	398	746	497	298
46020101	Echinoderes	2				25			
470304	Axonolaimidae			4				50	
47030404	GParodontophora		4		4		50		50
470305	Leptolaimidae	2				25			
470401	Linhomoeidra	14	4		4	174	50		50
47040103	GTerschellinia	4	12		4	50	149		50
47040301	GSphaerolaimus		4		4		50		50
470404	Monhysteridae	4				50			
47040403	GTharistus	26	8	16	16	323	99	199	199
47050201	Microaimus		4		4		50		50
470503	Desmodoridae	10				124			
470505	Ceramonematidae		4				50		
47050701	Richteraia	2	8	8		25	99	99	
47051001	GDorylaimopsis	70	68	12	24	870	845	149	298
47051002	GSabatieria	62	108	56	96	771	1342	696	1193
47051003	Cervonema		4				50		
47051004	Metacoemesoma			4				50	
47051005	Paracoemesoma			4				50	
470511	Chromadoridae	2	4		8	25	50		99
470512	Cyatholaimidae	88	24	8	16	1094	298		199
470513	Chaniolaimidae	4		4		50		50	
47060201	Desmoscolex		4				50		
47060202	Tricoma		4				50		50
47110902	GOxystomina		4				50		
471114	Uncholaimidae	10	4	8		124	50	99	
471199	?Enchelidiidae					25			
5001220201	Sigambra tentaculata	2	2		4	25	25		50
50014102	Garicidae			4				50	
5001410301	Parasania gracilis				4				50
5001430502	Prionospio cirrifera		2				25		
5001600306	Notomastus latericeus				8				99
50017001	GChone				4				50
5922	Acarina		4				50		
6113190199	?Loxococoncha sarasotana		8				99		
61131902	GCytheromorpha	2				25			
61202001	Pseudanthessius		4				50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammia comorina	12	16	16	92	149	199	199	1144
3450450199	+Lectularia mexicana	5	4			62	50		
3450540102	Eggerella bradyi		4				50		
3452140112	Quinqueloculina compta	5	8	8	8	62	99	99	99
3453380199	?Bulliminea morgani				4				50
3453420109	Bullimina lowmani	358	180	324	84	4450	2237	4027	1044
3453460202	Bullimina marginata	83	40	84	92	1032	497	1044	1144
3453480103	Uvigerina parvula		4				50		
3453530101	Canceris sacra			4				50	
3453670199	?Cibicides concentricus	5	28	24	36	62	348	298	447
3454250101	Ammonia beccarii			24				298	
3454300109	Elphidium gunteri			4				50	
3454520299	?Fursenkoina complanata	88	12	4	4	1094	149	50	50
3454610299	?Nonionella basiloba	1139	192	804	268	14158	2387	9994	3331
43	Rhynchocoela	16	88	24	16	199	1094	298	199
47	Nematoda			8				99	
47030404	GParodontophora		4				50		
470401	Linhomoeidae	4		8			50		99
47040103	Gterschellingia	12		4		149		50	
47040301	GSphaerolaimus			4				50	
470404	Monhysteridae		8				99		
47040403	Gtheristus	32		12	8	348		149	99
47050201	Microloaimus	8		14	4	99		174	50
47050305	Eubostriachus	4				50			
47051001	GDorylaimopsis	24	20	44	8	298	249	547	99
47051002	GSabatieria	56	60	28	36	696	746	348	447
47051003	Cervonema	4				50			
470512	Cyatholaimidae			12				149	50
470513	Chonolaimidae			4	4			50	50
47060201	Desmoscolex	8				99			
47060202	Tricoma	4				50			
5001220201	Stigambra tentaculata		4	4			50	50	
50014102	Arctidea	4		4		50		50	
6119281001	Typhlamphiascus lamellifer	4				50			

780A04PE0500286 T.R

MFIOFAUNA - TAXONOMY

BLM2B6C2

01/03/80

08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	24	32	40	24	298	398	497	298
3450120499	?Legammina comprina		44	12			547	149	
34501250107	Eopanax scottii	12	11	4	54	149	137	50	671
3450540102	Eopanax bradyi	6				75			
3452140112	Quinqueloculina compta				22				273
3453030908	Lagena striata				11				137
3453380101	Buliminella elegantissima				11				137
3453380199	?Buliminella morgani	326	539	240	1002	4052	6700	2983	12455
3453420109	Bolivina lowmani	6	17	28	196	75	211	348	2436
3453420110	Bolivina striatula	12			11	149			137
3453420199	+Bolivina simplex		156				1939		
3453530101	Cancris sagre			4				50	
3453560104	Eponides antillarum				11				137
3453670199	?Cibicides concentricus	12	17		44	149	211		547
3454250101	Ammonia beccarii				33				410
3454520299	?Fursenkoina complanata	622		120	229	7731		1492	2846
3454610199	?Florilus atlanticus		33		44		410		547
3454610299	?Nontonella basiloba	998	712	176	1154	12405	8850	2188	14344
3901	Turbellaria		8		40		99		497
43	Rhynchocoela	8	24	8		99	298	99	
46	Kinorhyncha			4	4				50
46010102	Trachydemus		4				50		99
46020101	Echinoderes			16	8			199	99
47	Nematode			4				50	
470304	Axonolaimidae	16	20	24	8	199	249	298	99
47030404	GParodontophora	4		4		50		50	
470305	Leptolaimidae	4				50			
470401	Linhomoeidae	16	12	16	4	199	149	199	50
47040103	Gierschellinia	12		4	4	149		50	50
47040301	GSphaerolaimus		4				50		
470404	Monhysteridae			4				50	
47040403	GTheristus	20		8	12	289		99	149
47050201	Microloaimus	40		8	15	497		99	149
470503	Desmodoridae	16	20	32	20	199	249	398	249
47050305	Eubostriachus	8				99			
470505	Ceramonematidae		8		4		99		50
47051001	GDorylaimopsis	4	8	16	4	50	99	199	50
47051002	GSabettaria	72	77	80	57	895	957	994	709
470511	Chromadoridae			12	12			149	149
470512	Cyatholaimidae	60	33	20	28	746	410	249	348
470513	Choniolaimidae	4		4	4	50		50	50
47060201	Desmoscolex	44				50		50	50
47060202	Tricoma	44	28	36	32	547	348	447	398
47110901	Halolaimus		4	4	4		50	50	50
471111	Phanodermatidae	4				50			
5001	Polychaeta	4				50			
5001220201	Sigambra tentaculata			4				50	50
50014102	GAricidea		4	8	4		50	99	50
5001500307	Iharyx marioni		4				50		
5001520103	Cossura delta	4	4			50			
551702	Corbulidae				4				50
61140101	Cytherella								50
61199902	+Halecitrinozoma			4					50
6119270198	+Cletodes spinulipes			4					50
6119280799	+Haloschizopera junodi			4					50
611928090101	Stenhalia longicaudata var. finmarchica			4					50

7A0804PE20002H6 T.H

MEIOFAUNA - TAXONOMY

HLM266C2

01/03/80

08:27:48

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	12	24	28	24	149	298	348	298
345012049A	?Lagenammina difflugiformis			4				50	
345012049B	?Lagenammina comorima	24		8		298		99	
3450250107	?Leophax scottii	29	8	24	13	360	99	298	162
3450450201	Bigenenerina irregularis			4				50	
34533A0101	Ruliminella elegantissima	5				62			
3453380199	?Buliminella morgani	386	160	118	333	4798	1989	1666	4134
3453420109	Holivina lowmani	34	20	32	13	423	249	398	162
3453420110	Holivina striatula			8				99	
3453480299	?Trifarina bella			8					50
3453560104	Eponides antillarum	5				62			
3453670199	?Cibicides concentricus	5		4		62		50	50
3454250101	Ammonia beccarii		4		4			50	50
3454520201	Fursenkoina pontoni		4					50	
3454520299	?Fursenkoina complanata	362	64	317	153	4500	796	3940	1902
3454610199	?Florilus atlanticus		16	8	13		198	99	162
3454610299	?Nonionella basiloba	680	224	438	237	8452	2744	5448	2946
43	Rhynchocoela	12	20	12	4	149	249	149	50
46010102	Trachydemus	4		4	4	50		50	50
46020101	Echinoderes	8		12	8	99		149	99
470304	Axonolaimidae	12			4	149			50
470401	Linhomoeidae	8			4	99			50
47040103	Gterschellinia	4	4		4	50			50
47040301	Gsphaerolaimus				4				50
470404	Monhysteridae				4				50
47040403	Gtheristus	12	4	40	4	149	50	497	50
47050201	Microtaenium		8	56	20		99	696	249
470503	Desmodoridae	4	4	8		50		99	
47050305	Eubostrichus				4				50
470505	Ceramonematidae	4		4	12	50		50	149
47051001	GDorvillainopsis	8			4	99			50
47051002	GSabatieria	112	84	32	28	1392	1044	398	348
470511	Chromadoridae		4		4			50	50
470512	Cyatholaimidae	20	12	28	32	249	149	348	398
47060201	Desmoscolex	4				50			
47060202	Tricoma	44	12	52	48	547	149	646	597
50014102	GAricidae				4				50
5001520103	Cossura delta	4	8			50		99	
5001600306	Notomastus latericeus	4	4			50		50	
61192804	GAmpiascus		4					50	
6119280799	+Haloschizopera junodi				4				50
611928090101	Stenhella longicaudata var. finmarchica		4					50	



Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	76	16	12	20	945	199	149	249
3450120499	?Lagenammina comprima	11	14		43	137	174		534
3450250107	Reophax scottii	77	41		13	957	510		162
3450320401	Ammoscalaria pseudospiralis		7		4		87		50
3450450199	+Textularia mexicana				4				50
3450540102	Eggerella bradyi	11				137			
3452140112	Quinqueloculina compta				4				50
3453340199	?Buliminella morgani	408	600	88	531	5071	7458	1094	6600
3453420109	Bolivina lowmani	110	48		51	1367	597		634
3453480299	?Trifarina bella				4				50
3453670199	?Cibicides concentricus		7		13				87
3454520299	?Fursenkoina complanata	871	311	16	153	10827	3866	199	1902
3454610199	?Florilus atlanticus	22	7		17	273	87		211
3454610299	?Nontionella basiloba	1941	1090	20	676	24127	13549	249	8403
359999	?Holophryidae	4				50			
3901	Turbellaria		4		24		50		298
43	Rhynchocoela	24	60	40		298	746	497	
46010101	Pycnophyes			4				50	
46010102	Trachydemus	24				298			
46020101	Echinoderes	24	16	8		298	199	99	
47	Nematoda	18	4			224	50		
470304	Axonolaimidae	54	24	8	4	671	298	99	50
47030404	GParodontophora	6				75			
47030501	GLeptolaimus	6				75			
470401	Linhomoeidra	54		4		671		50	
47040103	Gierschellinia	6	8		4	75	99		50
47040301	GSphaerolaimus	6			4	75			50
47040403	GTheristus	24	36		4	298	447		50
47050201	Microilaimus	89	36			1106	447		
470503	Desmodoridae	71	24		8	883	298		99
47050305	Eubostrichus	18	4			224	50		
470505	Ceremonematidae	18	8	8	12	224	99	99	149
47050701	Richteria	6				75			
47051001	GDorvilaimopsis		4	4	12		50	50	149
47051002	GSabatieria	149	140	52	56	1852	1740	646	696
47051004	Metacoemesoma		4				50		
470511	Chromadoridae	29	12	8	4	360	149	99	50
470512	Cyatholaimidae	125	116	28	76	1554	1442	348	945
470513	Choniolaimidae	24	8			298	99		
47060201	Desmoscolex				12				149
47060202	Tricoma	119	32	12	16	1479	398	149	199
47110901	GHalolaimus	18	8		12	224	99		149
471114	Oncholaimidae	6				75			
5001220201	Sigambra tentaculata		8		4		99		
50014102	Caricidae	12		4		149		50	
5001410301	Paraonis gracilis		4				50		
5001430502	Prionospio cirrifera			4				50	
5001500307	Tharyx marioni	8	8			99	99		
5001600306	Notomastus latericeus	4				99			
5922	Acarina	4		4		50			50
6117	Copepoda			4					50
6118290104	Acartia tonsa	4		4		50			50
61190902	Halactinosoma	8				99			
61192701	GCletodes	12				149			
6119280799	+Haloschizopera junodi	12		4		149		50	

780804PN2900286 T.R

MEIOFAUNA - TAXONOMY

BLM286C2

01/03/80

08:27:45

Code	Organism name	A	H	C	D	A/a	H/a	C/a	D/a
344501	Groniidae	4	20	24	20	50	249	298	249
3450120498	?Laeonammina difflugiformis	4	22			50	273		
3450120499	?Laeonammina comprima	44			8		547		99
3450250107	Reophax scottii	8	11	8	4	99	137	99	50
3450450109	+Textularia mexicana		11				137		
3450450102	Eggerella bradyi		22				273		
3453380195	?Bulimina morgani	128	888	368	152	1591	11038	4574	1889
3453420109	Holivina lowmani		111	92			1380	1144	
3453420110	Holivina striatula	4	22	68	4	50	273	845	50
3453460202	Bulimina marginata	8	44			99	547		
3453670199	?Cibicides concentricus		8	8			273		99
3454250101	Ammonia beccarii	48	155	120	28	597	1516	1492	348
3454520299	?Fursenkoina complanata		22				273		
3454610199	?Florilus atlanticus	228	2431	388	160	2834	30217	4823	1989
3454610299	?Nontionella basiloha	16	4	8		199	50	99	
3901	Turbellaria	4	24		8		298		99
46	Rhynchocoela		4				50		
46	Kinorhyncha		8				99		
46010101	Pycnophyes				4				50
46010102	Irachydemus			20	4	50		249	50
46020101	Echinoderes	4	16	8		50	199	99	
470304	Axonolaimidae	4		8				99	
470401	Linhomoeidae		8		8		99		99
47040103	Gterschellinoia				4				50
47040301	GSphaerolaimus		4	8			50	99	
47040803	Gtheristus		8	4	4		99	50	50
47050201	Microaimus		8	24	4		99	298	50
470503	Desmodoridae				4				50
47050305	Eubostrichus				4				50
470505	Ceramonematidae		4	4	4		50	50	50
47050701	Richtersia			16				199	
47051001	GDorylaimopsis			8	4			99	50
47051002	GSabatieria	20	36	24	60	249	447	248	746
47051004	Metacomosoma			4	4				50
470511	Chromadoridae		8	4			99		50
470512	Cyatholaimidae		48	8	20		547	99	249
470513	Choniolaimidae	8	8	4		99	99		50
47060201	Desmoscolex				4				50
47060202	Tricoma	4	16	16	16	50	199	199	199
47110901	GHalalaimus		8	4			99	50	
471114	Oncholaimidae				4				50
5001	Polychaeta			8				99	
5001220201	Sigambra tentaculata		4		4		50		50
50014102	GAricidea		4				50		
5001520103	Cossura delta			4				50	
5001600306	Notomastus latericeus	4				50			
5001600402	Mediomastus californiensis		4				50		
5517020201	Corbula contracta		4						50
61190902	+Haelectinosoma			4				50	50
6119270104	Cletodes tenuipes		4	4			50		
6119280402	Amphiascus minutus		4				50		
6119280799	+Haloschizopera junodi				4				50
6119280903	Stenhella mastigochaeta		4				50		

780804PS0500286 T.R

MEIOFAUNA - TAXONOMY

BLM286C2

01/03/80

08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	20	20	8	48	249	249	99	597
3450120498	?Lagenammina difflugiformis			6				75	
3450120499	?Lagenammina comprima			47				99	584
3450250107	Reophax scottii	36	8	12	77	447	99	149	957
3450540102	Eggerella bradyi			6	7			75	87
34530301	GLenticulina		4				50		
3453380199	?Buliminella morgani	692	236	729	521	8602	2933	9061	6476
3453420109	Bolivina lowmani	214	4	71	63	2660	50	883	783
3453420110	Bolivina striatula	21	8	18	7	261	99	224	87
3453460202	Bulimina marginata			6				75	
3453480299	?Trifarina bella		4				50	149	
3453530101	Canceris saepe	21		12	7	261			87
3453560104	Eponides antillarum		4				50		
3453670199	?Cibicides concentricus	14	28	53	42	174	348	659	522
3454250101	Ammonia beccarii	7		6	21	87		75	261
3454520203	Fursenkoina pontoni	7		6		87		75	
3454520299	?Fursenkoina complanata	299	20	136	746	3717	249	1690	9273
3454610199	?Florilus atlanticus	36		42		447		522	
3454610299	?Nonionella basiloba	877	252	806	852	10901	3132	10019	10590
3901	Turbellaria	52	4	12		646	50	149	
43	Rhynchocoela		36	32	12		447	398	149
46010102	Trachidemus	4		3		50		99	
46020101	Echinoderes	20		12		249		149	
47	Nematoda				8				99
470304	Axonolaimidae	8	4	16	24	99	50	199	298
47030703	GCamacolaimus				4				50
470401	Linhomoeidae	16			12	199			149
47040103	GTerschellinaia				12				149
47040301	GSphaerolaimus	20	4		8	249	50		99
470404	Monhysteridae			4				50	
47040403	GTeristus	44	4	28	40	547	50	348	497
47050201	Microaimus	28	4	20	28	298	50	249	348
470503	Desmodoridae	44		28	12	547		348	149
470505	Ceramonematidae	4		8	8	50			99
47051001	GDorylaimopsis	4	4	4	40		50	50	497
47051002	GSabatieria	108	64	140	132	1342	796	1740	1641
470511	Chronadoridae	12		20	12	149		249	149
470512	Cyatholaimidae	52	32	56	124	646	398	696	1541
470513	Choniolaimidae	28		20	8	348		249	
47060201	Desmoscolex	20	4	8	8	249	50		99
47060202	Tricoma	52	12	24	52	646	149	298	646
471103	Tronidae			4				50	
47110901	CHalalaimus			8				99	
47110902	GOxytoma	4				50			
471114	Oncholaimidae				4				50
5001220201	Sigambra tentaculata	8			4	99	50		50
50014102	GAricidea		4				50		
5001430502	Prionospio cirrifera	4		4		50		50	
5001500307	Iharyx marioni	4		4		50		50	
5001600306	Notomastus latericeus		4	8	8		50	99	99
51	Gastropoda	4		4		50		50	
5422	Acarina	4		4	4	50		50	
61190902	Halictinasona	4		4	4	50		50	
6119270199	+Cletodes millerorum	4		4		50		50	
6119280903	Stenella westigocheeta	4			4	50			50

780804PS2000286 T.B

METOFAUNA - TAXONOMY

BLM286C2

01/03/80

08:27:46

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	60	52	20	44	746	646	249	547
3450120499	?Lagenamina comprina	41		8	22	510		99	273
3450250107	Neonhax scottii								
3450450199	+Textularia mexicana	72	44	12	45	895	547	149	559
3452140112	Quinqueloculina compta				11				137
3453380199	?Puliminella morgani	746	1300	276	1359	9273	16159	3431	16892
3453420109	Bolivina lowmani	51	143	48	100	634	1777	597	1243
3453420110	Bolivina striatula	41			11	510			137
3453460202	Bulimina marginata					124			
3453530101	Canceris sacra	10							
3453670199	?Cibicides concentricus			4	11				137
3454250101	Ammonia beccarii	20	22	4	11	249	273	50	137
3454520203	Fursenkoina pontoni	20	22	4			273	50	
3454520299	?Fursenkoina complanata	910	893	280	691	11311	11100	3480	8589
3454610199	?Florilus atlanticus	31	22		89	385		273	1106
3454610299	?Nonionella basiloba	1482	1355	400	1359	14421	16843	4972	16892
3513	Ciliata				4				50
370306	Corynidae	4				50			
3901	Turbellaria		16	4			199	50	
43	Rhynchocoela	24		4	20	298		50	249
46020101	Echinoderes	4	4		4	50	50		99
47	Nematoda				8				99
470304	Axonolaimidae	16	33	4	24	199	410	50	298
47030501	GLeptolaimus	4	16		4	50	199		
470401	Linhomoeidra	28	8	12	17	348	99	149	149
47040103	GTerachellinoida	8		4	24	99		50	298
47040301	GSpaerolaimus		8				99		
47040403	GTheristus	20	25	32	8	249	311	398	99
47050201	Microaimus	68	41	4	20	746	510	50	249
470505	Desmodoridae	20	8	8	28	249		99	348
47050305	Eubostriehus	4		4	4	50			50
470505	Ceranomatidae	12		4	4	149		50	
47051001	Gdorylaimopsis	24	37	4	20	298	460	298	249
47051002	GSabatieria	148	123	24	152	1840	1529	298	1889
470511	Chromadoridae	4		4		50		50	
470512	Cyatholaimidae	72	62	28	44	845	771	348	547
470513	Choniolaimidae	4	16		8	50	199		99
47060201	Desmoscolex	4	16		8	50	199		99
47060202	Tricoma	88	94	12	68	1094	1168	149	845
47110901	GHalalaimus				12				149
47110902	GQxystomina								149
5001220201	Sigambra tentaculata	4	4				50		
50014102	GArticida		4				50		
5001410301	Paraonis gracilis	8				99			
5001430502	Prionospio cirrifera		4				50		
5001500307	Tharyx marioni	8		4	4	99		50	50
5001600306	Notomastus latericeus	4	16			50	199		
517020201	Corbula contracta	4				50			
5922	Acarina	4				50			
61190902	*Harpacticoida				4				50
6119150703	*Halictinosona	4				50			
61191801	Normanella confluens			4	4			50	50
6119180199	Nitocra			4	4			50	50
6119270104	+Nitocra reducta			4				50	
6119270104	Cletodes tenuipes	4				50			
6119280799	+Haloschizopera junodi			4	4			50	50

780804P#0500286 T.R

MEINFAUNA - TAXONOMY

RLM286C2

01/03/80

08:27:46

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	20	20	12	56	249	249	149	696
3450120498	?Lagenammina difflugiformis		6				75		
3450120499	?Lagenammina comprima	8	28		8	99	348		99
3450250107	Reophax scottii	8	22	8	47	99	273	99	584
3450450201	Bigenerina irregularis	4				50	75		
3450540102	Eggerella bradyi		6				75		
345201	Wittolaceae	2				25	75		
3452140112	Quinqueloculina compta		6				75		
3453380199	?Buliminella morgani	348	864	460	713	4326	10740	5718	8863
3453420109	Bolivina lowmani	52	149	4	47	646	1852	50	584
3453420110	Bolivina striatula		22	12			273	149	
3453530101	Cancris sagra				8				99
3453670199	?Cibicides concentricus	20	66		16	249	820		199
3454250101	Ammonia beccarii	20	17		8	249	211		99
3454520203	Fursenkoina pontoni		22				273		
3454520299	?Fursenkoina complanata		605	60	470		7520	746	5842
3454610199	?Florilus atlanticus		22				273	50	
3454610299	?Nonionella basiloba	404	814	312	800	5022	10118	3878	9944
3901	Turbellaria	4	24			50	298	50	
43	Rhynchocoela	16		32	40	199		398	497
46010101	Pycnophyes			4				50	
46010102	Trachydemus				4				50
47	Nematoda			4	8			50	99
470304	Axonolaimidae		17	4	20		211	50	249
470305	Leptolaimidae			4	4			50	50
47030501	Leptolaimus		4	4	4		50	50	50
470401	Linhomoeidae		29	4			360	50	
47040103	Giescheilingia	12	25	4	12	149	311	50	149
47040301	GSphaerolaimus	4			8	50			50
47040403	GItheristus	4	37		8	50	460		99
47050201	Microilaimus		58		72		721	99	895
470503	Desmodoridae	4	12		20	50	149		249
47050305	Eubostriachus		12		4		149		50
470505	Ceramonematidae		4		4		50		50
47051001	GDorylaimopsis		4		16		50		199
47051002	GSabatieria	12	157	44	96	149	1952	547	1193
470511	Chromadoridae				4				50
470513	Cyatholaimidae		70	20	72		870	249	895
470513	Choniolaimidae	12	4		8	149	50		99
47060201	Desmoscolex	4	21			50	261		
47060202	Tricoma	8	83	16	84	99	1032	199	1044
47110902	GOxytominia				8				50
471114	Oncholaimidae				4				99
5001220201	Sigambra tentaculata		12		4		149		50
50014102	GArctidea		4				50		
5001500307	Tharyx marioni		4				50		
5001520103	Cossura delta			4				50	
6119280903	Stenhelia mastigochaeta		4				50		

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	28	28	6	20	348	348	75	249
3450250107	Reophax scottii	22	56	16	16	273	696	199	199
345201	Miliolacea			4				50	
3453030908	Lagena striata			4				50	
3453380199	?Bulimina morgani	246	424	368	364	3058	5270	4574	4525
3453420109	Bolivina lowmani	28	24	16	16	348	298	199	199
3453420110	Bolivina striatula			8				99	
3453460202	Bulimina marginata		4				50		
3453530101	Cancris sagre			4				50	
3453670199	?Cibicides concentricus	6	4			75	50		
3454250101	Ammonia beccarii								62
3454520203	Fursenkoina pontoni		4				50		
3454520299	?Fursenkoina complanata	504	408	96	198	6265	5071	1193	2461
3454610199	?Florilus atlanticus	6				75			
3454610299	?Nontolella basiloba	392	380	116	572	4873	4723	1442	7110
359999	?Holophryidae							50	
370306	Corynidae		4					50	
3901	Turbellaria	4				50			
43	Rhynchocoela			8	4			99	50
46020101	Echinoderes			2	4			25	50
47	Nematoda				4			50	
470304	Axonolaimidae	20	4	8		249	50	99	
470401	Linhomoeidae	4				50		50	
47040103	Gterschellinia	8	4		4	99	50	99	
47040301	GSphaerolaimus	12		4		149		50	
47040403	Gtheristus			8	8			99	99
47050201	Microilaimus	36	16	8	20	447	199	99	249
470503	Desmodoridae		4	8	4		50	99	50
47050305	Eubostrichus		8				99		
470505	Ceramonematidae			8				99	
47051001	GDorylaimopsis	16			16	199			199
47051002	GSabatieria	88	76	48	36	1094	945	597	447
470511	Chromadoridae	4	4			50	50		
470512	Cyatholaimidae	92	40	8	8	1144	497	99	99
470513	Choniolaimidae	4			8	50			99
47060201	Desmoscolex		4		4		50		50
47060202	Tricoma	64	68	20	20	796	845	249	249
47110901	CHalalaimus	4			4	50			50
5001220201	Sigambra tentaculata		4	2	8		50	25	99
50014102	GAricidea			2				25	
5001410301	Paraonis gracilis				4				50
5001600306	Notomastus latericeus	4		2		50		50	
5001600402	Mediomastus californiensis	4	4			50			
5922	Acarina								
6118290104	Acartia tonse		92				1144		50
61200501	CErqsilius				4				
6120050199	?Erqsilius megaceros							50	
6169371401	Syncheilidium americanum		4					50	

780805SN0500286 T.B

MEIOFAUNA - TAXONOMY

BLM2B6C2

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
3453420109	Bollivina lowmani							25	
3454250101	Ammonia beccarii		2	2			25	25	
3454610299	?Nonionella basiloba	4		2		50		75	
3901	Turbellaria	4				50			
43	Rhynchocoela			2				25	
47030201	Campylaimus			4				50	
47030404	Parodontophora			2	2			25	25
47030501	Leptolaimus	4	6	26	13	50	75	323	162
470401	Linhomoeidra	2		21	19	75		261	236
47040103	Gierschellingia			10	4			124	50
470404	Monhysteridae			2				25	
47040403	Gtheristus	2	2			25	25		
47051001	GDorylaimopsis		4	2	2		50	25	25
47051002	GSabatieria	44	86	38	15	547	1069	472	186
47051004	Metacoemesona	4	8	14	5	50	99	2014	1678
47051005	Paracoemesona			5				174	
470512	Cyatholaimidae			5				62	
47060202	Tricoma	8	14	26	23	99	174	323	286
47110902	Coxystomina		2				25	25	
471114	Oncholaimidae							62	
471199	?Enchelidiidae							62	25
5001220201	Sigambra tentaculata							50	
6117	Copepoda	216	16	16	4	2685	199	50	50
6118040102	Paracalanus crassirostris	14	4		20	174	50	199	249
6118200304	Temora turbinata	2				25			
6118290104	Acartia tonsa	14	4			174	50		
6120090198	?Oithona colcarva	10		2		124		25	50

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	2	6			25	75		
345380101	Bulinella elegantissima	6		6		25		75	
345380199	?Bulinella morgani	2				25			
3453420109	Bolivina lowmani	6	2	4		25	25	50	
3454250101	Ammonia beccarii	16	2	4	8	199	25	50	99
3901	Turbellaria	2				25			
47	Nematoda	4	5			50	62		
470304	Axonolaimidae		5				62		
47030404	Parodontophora	79	103	56	179	982	1280	696	2225
470305	Leptolaimidae		38				472		
47030501	Leptolaimus	64	71	23	26	796	483	286	323
470401	Linhomoeidra	29	38	10	47	360	472	124	584
47040103	Gierschellinia			10				124	62
47040301	GSpaerolaimus	4		3	5	50		37	62
470404	Monhysteridae		5				62		
47040403	GTheristus	7	27	10	32	87	336	124	398
47051001	GDorylaimopsis	18	11	10	16	224	137	124	199
47051002	GSabatieria	147	332	154	353	1827	4127	1914	4388
47051004	Metacomosoma	4		8	26	50		99	323
470511	Chromadoridae		5				62		
470512	Cyatholaimidae	132	190	56	121	1641	2362	696	1504
470513	Choniolaimidae	4				50			
47060202	Tricome		11				137		
471109	Oxystominidae			3				37	
47110902	GDxystomina	4				50			
471114	Oncholaimidae	7		3	5	87		37	62
500136	Dorvilleidae				2				25
5001600306	Notomastus latericeus	2				25			
6117	Copepoda		2	4			25	50	
6118290104	Acartia tonsa		2				25		



344501	Gromiidae								
3453380101	Buliminella elegantissima		2	10				25	124
3453380199	?Buliminella morgani	2	2	2	10	25	25	25	124
3453420109	Bolivina lowmani	6	2	2	4	75	25	25	50
3453670199	?Cibicides concentricus				2				25
3454610299	?Nonionella basiloba				2				25
47040103	Gterschellinaia		2		16		25		199
47050201	Microaimus			2				25	
47051001	GDorvaimopsis				6				75
47051002	GSabatieria	2	2			25	25		
6117	Copepoda	4	4	2	2	50	50	25	25
6118290104	Acartia tonse			2				25	

7A0A06SN20002H6 T.H

MEIOFAUNA - TAXONOMY

RLM2R6C2

01/03/A0

08:27:48

Code	Organism name	A	H	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenamma compressa	6		20		75		249	
3450540102	Fagerella bradyi	2				25			
3453380101	Buliminella elegantissima			2			75	25	
3453380199	?Buliminella morgani	10	6	22		124		273	
3453420109	Bolivina lowmani	6		40		75		497	
3453420110	Bolivina striatula		4				50		
3454250101	Ammonia beccarii			10				124	
3454610299	?Nonionella basiloba	14		6	4	174		75	50
47040103	Cterschellinae	2				25			
47050305	Eubostriachus	2				25			
47051001	GDorylaimopsis	4				50			
6120	ACyclopoida	2				25			

780807SN0500286 T.B

MEIOFAUNA - TAXONOMY

BLM2B6C2

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae								
3450120494	?Lagenammina diflugiformis	4			2	50	25		25
3450120499	?Lagenammina compressa		2				25		
3450250107	Reophax scottii	2				25			
3450450199	+Textularia mexicana				2				25
3453380101	Buliminella elegantissima				2				25
3453380199	?Buliminella morgani	40	4			497	50		
3453420109	Rolivina lowmani	2	6			25	75		
3454250101	Ammonia beccarii					25			
3454610299	?Nonionella basiloba	18	14		2	224	174		25
3901	Turbellaria				2				25
470401	Linhomoeidra								
47040103	Gterschellindia	2	2			25	25		
47040403	Gtheristus				4				50
470503	Desmodoridae								
47050305	Eubostriachus								25
47051001	Gdorylaimopsis								25
470512	Cyatholaimidae								25
470513	Chontolaimidae								25
47060201	Desmoscolex								25
47060202	Tricoma								25
5001410301	Parsonia gracilis	2			2	25			25

7R0R07SN20002R6 1.R

MEIOFAUNA - TAXONOMY

RLM2B6C2

01/03/80

0R:27:4R

Code	Organism name	A	R	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammina comprimata	4		44	2	50		547	25
3450250107	Reophax scottii		4	4			50	50	
3450540102	Eggerella bradyi			13				162	
3453380196	?Rulimina morgani	2	4	757	78	25	50	940	25
3453420109	Rolivina lowmani	2		4		25		50	970
3453420110	Rolivina striatula			4	2			50	
3453480103	Uvigerina parvula		2				25	50	25
3453530101	Canceris sagra	2	2			25	25		
3454520203	Fursenkoina pontoni			9	2			112	25
3454520299	?Fursenkoina complanata			126				1566	
3454610299	?Nonionella basiloba	6	4	439	10	75	50	5457	124
43	Rhynchocoela				4				50
47030501	Leptolaimus			4				50	
470401	Linhomoeidra	4				50			
47040103	Gierschellinia			8				99	
47040301	GSphaerolaimus	11				137			
47040403	Gtheristus			4				50	
470503	Desmodoridae		4				50		
47051001	GDorvillainopsis	2				25			
47051002	GSabatieria			8				99	
470512	Cyatholaimidae			4				50	
470513	Choniolaimidae								
47060202	Tricoma		2				25	497	
5001520103	Cosuria delta			40				50	
6118880102	Paracalanus crassirostris			4				50	

344501	Gramiidae								
3450120499	?Lagenammia comprima	8	16	16	20	99	199	199	249
3450250107	Reophax scottii	4	4	16		50	50	199	
3450450199	+Textularia mexicana			4	15			50	186
3450540102	Eggerella bradyi			4				50	
345201	Miliolacea	4	32		20	50	398		249
3453380199	?Buliminella morgani	648	74	788	1032	8055	920	9795	12828
3453420109	Bolivina lowmani	16	16	20	10	199	199	249	124
3453460202	Bulimina marginata			4				50	
3453670199	?Cibicides concentricus			2				50	
3454250101	Ammonia beccarii			2	4	10		50	124
3454520299	?Fursenkoina complanata	12	2	16	10	149	50	199	124
3454610299	?Nonionella basiloba	296	98	412	667	3679	1218	5121	8291
3901	Turhellaria			4	8		50		99
43	Rhynchocoela			24				298	
47030404	GParodontophora			2				25	
47030501	GLeptolaimus	4	2	4		50	25	50	
470401	Linhomoeidae	8		12	12	99		149	149
47040103	Gterschellindia	12	4			149	50		99
47040301	GSphaerolaimus								99
470404	Monhysteridae								99
47040403	GTheristus			8					99
47050201	Microilaimus	8	4	8	4	99	50	99	50
47050305	Eubostrichus				4				50
47051001	GDorylaimopsis	4	4	16	24	50	50	199	298
47051002	GSabatieria	12	2	4		149	25	50	
47051004	Metacomosoma			4				50	
470512	Cyatholaimidae	4		12	20	50		149	249
470513	Choniolaimidae				4				50
47060201	Desmoscolex				4				50
47060202	Tricoma		2					25	99
5001600306	Notomastus latericeus			4				50	
6119280799	+Haloschizopera junodi		2					25	
61192809	GStenhelia			2				25	

780408SN2000286 T.H

METOFAUNA - TAXONOMY

RLM286C2

01/03/80

08:27:48

Code	Organism name	A	H	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	12	8	12	4	149	99	149	50
3450540102	Eggerella bradyi	20	4	4		249	50	50	
3453380101	Buliminella elegantissima	4				50			
3453380199	?Buliminella morgani	752	722	276	832	9347	8974	3431	10342
3453420109	Bolivina lowmani	16	4	44		199	50	1044	
3453460202	Bulimina marginata	4	9			50	112		
3454250101	Ammonia beccarii	4	9	52	A	50	112	646	39
3454300109	Elphidium gunteri	4	9	4		50	112	50	
3454520299	?Fursenkoina complanata	4	9			50	112		
3454610299	?Nonionella basiloba	404	774	80	136	5022	9621	494	1690
43	Rhynchocoela		12				149		50
47030404	GParodontophora	8			4	99			
470401	Linkhoveidra		4				50		
47040103	Gieschellindia	24				298			
470404	Monhysteridae			4				50	
47040403	GTheristus	4	4			50	50		
47050201	Microtaimus	4				50			
470503	Desmodoridae	36	16		20	447	199		249
47051001	GDorylaimopsis				4				50
47051002	GSabatieria	12		4		149		50	
470512	Cyatholaimidae	4				50			
61198902	*Halectinosoma								

780809SN0500286 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	10	4			124	50		
3450450103	Textularia earlandi		4				50		
3453380199	?Ruliminella morgani	210	1050		16	2610	13052		199
3453420109	Bolivina lowmani	14	4		2	174	50		25
3453530101	Cancris sacra		4				50		
3454250101	Ammonia beccarii		8				99		
3454520203	Fursenkoina pontoni	12	8			149	99		
3454520299	?Fursenkoina complanata	84	50			1044	621		
3454610299	?Nonionella basiloba	68	178	4	2	845	2213	50	25
47030404	?Parodontophora	2	8			25	99		
470401	Linhomoeidra		4				50		
47040403	GTheristus	14	16		2	174	199		25
47050201	Microloaimus			2				25	
470505	Ceramonematidae	4				50		25	25
47051001	G?Dorylaimopsis			2	2				
47051002	GSabatieria	24	74			298	945		
470512	Cyatholaimidae		8		4	50	99		50
47060201	Desmoscolex	4	8			35	99		
47060202	Tricoma	10	12			124	149		
5001600306	Notomastus latericeus				4				50
50016702	GAmpfarete	4				50			
6117	Copepoda	10	8	8	4	124	99	99	50
6118040102	Paracalanus crassirostris			2				25	
6118290104	Acertia tonsa							25	
6119281001	Typhlamphiascus lamellifer		4				50		

7408045N2000266 1.4

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
3450120499	?Lagenemmina compta		2				25		
3453380199	?Mulinella morgani		10	96	2	25	124	1193	25
3453420109	?Bolivina lowmani	2	2			25	25		
3454520203	?Fursenkoina pontoni			8				99	
3454520299	?Fursenkoina complanata	2				25			
3454610299	?Nonionella basiloba	2	6	8	4	25	75	99	50
470304	Axonolaimidae			4				50	
47030402	G?rdontophora			6				75	
47030404	G?Parodontophora			10				124	
47030501	G?Leptolaimus		2				25		
47040402	G?Monhystera			2				25	
47040403	G?Heristus			6				75	
470503	Desmodoridae			2				25	
470505	Ceramonematidae			10				124	
47051002	G?Sabatieria		6	16			75	168	
47051006	Laimella		2				25		
470512	Cyatholaimidae	2				25			
47060201	Desmoscolex	2				25			
47060202	Tricoma			4	2			50	25
47110901	G?Halalaimus			8				50	
5001410301	Paraonis gracilis	2		2		25		25	
5001600306	Notomastus latericeus			2				25	
6117	Copepoda	2				25			
6119241001	Typhlaspilius lamellifer			2				25	



780810SM0500286 T.B

MEIOFAUNA - TAXONOMY

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01/03/80

08:27:48

Code	Organism name	A	B	C	D	A/a	H/a	C/a	I/a
344501	Gromiidae	22	42	24	36	273	522	298	447
3450120499	?Lagenammina comprima				4				50
3450450201	Bigeneneria irregularis				4				50
3450540102	Eggerella bradyi				4				50
3450380101	Buliminella elegantissima				4				50
3450380199	?Buliminella morgani				132				1641
3450420109	Bolivina lowmani				64				796
34503670199	?Cibicides concentricus				20				249
34504250101	Ammonia beccarii		2		24		25		298
34504610299	?Nonionella basiloba	2			212	25			2635
359999	?Holophryidae				4				50
43	Rhynchocoela				4				50
47	Nematoda			2				25	
470304	Axonolaimidae		2				25		
47030404	Parodontophora				8				99
470401	Linhomoeidae		2	6	28		25	75	348
47040103	GTerachellinia	4	4	12	8	50	50	149	99
47040402	GMonhystera		6		4		75		50
47040403	GTheristus	24	12	34	76	298	149	423	945
47050201	Microleimus		2				25		
470503	Desmodoridae			4				50	50
47050305	Eubostriachus	8	4	12		99	50	149	
470505	Ceramonematidae				4				50
470510	Comesomatidae		4				50		99
47051001	GDorylaimopsis		4	8	4		50		50
47051002	GSabatieria	38	40	60	196	472	697	746	2436
47051004	Metacomesoma	26	8	36	16	325	99	447	199
47051005	Paracomesoma	10		2	4	124		25	50
47051006	Laimella			4	4			50	50
470511	Chromadoridae				72			25	895
47051104	GHypodontolaimus		2		24				298
470512	Cyatholaimidae			14	32	75	50	174	398
470513	Choniolaimidae	6	4	2	12		25	25	149
47060201	Desmoscolex		2					25	
47060202	Tricoma				12	25			149
47110901	Chalasilinus	2				25			
47110902	GQxystomina					25			
471114	Oncholaimidae					25			
5001220201	Sigambra tentaculata				12	25			149
50014102	Caricida				4				50
5922	Acarina								
6119270406	Enhydrosoma hopkinsi	2	4		4	25	50		50
8717	Osteichthyes				4				50

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenanina comprina	78	28	104	42	970	348	1293	522
3450320401	Ammosclaria pseudospiralis	4	8	2	10	50	99	75	124
3450450199	+Textularia mexicana		8				50	25	
3450450201	Bigenerina irregularis			10	10				124
3450540102	Eggerella bradyi			4	6			50	75
345201	Miliolacea	4	4	4	6	50	50	50	75
3453380101	Buliminella elegantissima		12				149		
3453380199	?Buliminella morgani	12	296	98	98	149	3679	1218	1218
3453420109	Bolivina lowmani	52	132	40	26	646	1641	497	323
3453420110	Bolivina striatula		28		6		348		75
3453460202	Bulimina macrinata		14				199		
3453530101	Cancris sagra		8				50		
3453540699	+Discorbis nitida		8	2				25	
3453670199	?Cibicides concentricus		28		36		348		447
3454250101	Ammonia beccarii		16	8	26		199	99	323
3454300109	Elphidium gunteri				4				50
34545202	Fursenkoina		4				50		
3454520299	?Fursenkoina complanata				4				50
3454610299	?Nonionella basiloba		428	184	214		5320	2287	2660
3501	Ciliatea peritrichia								
3701	Hydrozoa					25			
3901	Turbellaria					25			
43	Rhynchocoela	6	4	6		75	50	75	25
46010102	Trachydemus				2				25
46020101	Echinoderes				2				25
47	Nematoda								
470101	Axonolaimidae			5		25		62	
47030404	GParodontophora		4			25	50		
470305	Leptolaimidae			2		25		25	
47030701	GLeptolaimus		4		2	112	50		25
470401	GCamacplaimus					25			
47040103	Linhomoeidae	29	32	29	8	323	398	360	99
47040301	GSphaerolaimus			35	14	87	99	423	174
470404	Monhysteridae		8	2			99	25	
47040402	GMonhystera					62			
47040403	GTheristus	51	68	44	18	634	845	547	224
47040501	Siphonolaimus				4				50
470503	Desmodoridae			2				25	
47050305	Eubostriachus		8	2	8	25	99	149	99
470505	Ceremonematidae			2		25	99	25	
47051001	GDorylaimopsis		36	27	12	25	447	336	149
47051002	GSabatieria	4	136	137	46	525	1690	1703	572
47051004	Metacoeloma	16	40	34	20	199	497	423	249
47051005	Paracoeloma		4		8	25	50		50
47051006	Laimella			2		62			25
470511	Chromadoridae	40	28	2	4	497	348	25	50
47051104	GHyodontolaimus				7	25		87	50
470512	Lyatholaimidae	47	20	54	12	584	249	671	149
47051301	Chonipolaimidae			2	2	25		25	
47060301	Desmoscolex		4				50		
47060302	Tricoma	18	4	12	8	178	50	149	50
47110901	GHalalaimus		4		2	25	50		25
471114	Uncholaimidae			5				62	
5001220201	Sigambra tentaculata		4	4				50	
50014102	GAricides	4				50	50		
5001410301	Paraonis gracilis							50	
6117	Copepoda							50	
6118290104	Acartia tonsa				2			25	

7R0811SN0500286 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	R/a	C/a	D/a
344501	Groniidae								
3450120498	?Lagenemmina difflugiformis	6	8	4	10	75	99	50	124
3450540102	Eggerella bradyi			2				25	
345201	Miliolacea								25
3453380101	Buliminella elegantissima								25
3453380199	?Buliminella morgani	2	2	6	1	25	25	75	149
3453420109	Bolivina lowmani	26	2	4		323	25	50	99
3453670199	?Cibicides concentricus								99
3454250101	Ammonia beccarii			8	1			99	174
3454610299	?Nonionella basiloba		6	8	2		75	99	273
3901	Turbellaria	2				25			25
43	Rhynchocoela								25
47	Nematoda			4				50	
470401	Linhomoeidra	8	24			99	298	25	25
47040103	Gierschelliinia		12				149	25	25
470404	Monhysteridae				4			25	50
47040403	Gheristus	18	132	8	8	224	1641	99	25
47050201	Microloaimus	2	8		2	25	99	25	25
470503	Desmodoridae		4				50		
47050305	Eubostrichus		12	4	6		149	50	75
47051001	GDorylaimopsis		8	2	4		99	25	50
47051002	GSabatieria	18	196	24	54	224	2436	298	671
47051004	Metacoemesoma	2	44			25	547		
47051005	Paracoemesoma	2	4	6		25	50	75	
47051006	Laimella		16				199		
470511	Chromadoridae	4	16			50	199		
47051104	Ghypodontolaimus			8	4			50	50
470512	Cystholaimidae		68	10	14		845	124	174
470513	Choniolaimidae				2				25
47060201	Desmoscolex	2	4			25	50		
47060202	Tricoma	4				50			
471109	Oxystominidae								25
47110901	GHalalaimus		4	2			50	25	25
471114	Oncholaimidae	2				25			25
471199	?Enchelidiidae								50
5001220201	Sigambra tentaculata		12				149		25
5001810301	Parasolis gracilis								25
5001500307	Tharyx marioni	2				25			25
5001502004	Nucula proxima	30	48	2		373	597	25	
5225	Acarina								25
6117	Copepoda								25
6119270406	Enhydrosoma hopkinsi								25
6120090198	?Oithona colcarva	2				25			25

7R0811SN20002B4 T.8

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
34	Protozoa I								
344501	Groniidae				2				25
3450120499	?Lagenamma comprima	64	68	92	20	796	845	1144	249
3450320401	Ammoscalaria pseudospiralis			4	2			50	25
3450450201	Rigenerina irregularis	12	8	36		149	99	447	
3450540102	Eggerella bradyi	40	12		2	447	149		24
345201	Miliolacea	20	12	32	8	249	149	398	99
3453380101	Bulliminella elegantissima	8		40	2	99		497	25
3453380199	?Bulliminella morgani	136	108	172	33	1690	1342	2138	410
3453420109	Bolivina lowmani	228	36	412	15	2834	447	5121	186
3453460202	Bullimina marginata		12				149		
3453480103	Uvicorina parvula	12				99			
3453580699	Discorbis nitida	8							
3453670199	?Cibicides concentricus	92	44	40	4	1144	547	497	50
3454250101	Ammonia beccarii	36	12	28	10	447	149	348	124
34545202	GFursenkoia			4				50	
3454520299	?Fursenkoia complanata		4					50	
3454610299	?Nonionella basiloba	1020	364	360	83	12679	4525	4475	1032
3514	Ciliatea holotrichia				4				50
43	Rhynchocoela		8		4			99	50
46020101	Echinoderes	4	4			50	50		
47	Nematoda	7				87			
47030404	GParodontophora			4				50	
470305	Leptolaimidae	7				87			
47030703	GCamacolaimus		4				50		
470401	Linhomoeidra	47	12	44	16	584	149	547	199
47040103	GTerschellingia	67	24	16	16	833	298	199	199
470404	Monhysteridae	7	4	8		87	50	99	
47040403	GTheristus	214	76	124	16	2660	945	1541	199
47040405	Paramonhystera			4				50	
47050201	Microlaimus	13				162		50	
470503	Desmodoridae	7		12	4	87		149	50
47050305	Eubostriehus	60	8	12	6	746	99	149	75
470510	Comesomatidae	7			2	87			25
47051001	GDorylaimopsis	7	28	12	14	87	348	149	174
47051002	GSabatieria	348	164	112	80	4326	2039	1392	994
47051003	Cervonema	13				162			
47051004	Metacomesoma	87	20	28	22	1081	249	348	273
47051005	Paracomesoma		8	4			50	50	
47051006	Laimella		4				99		
470511	Chromadoridae	7		36		87	249	447	
470512	Cyatholaimidae	127	20	12	8	1579	298	149	49
470513	Choniolaimidae	7	16	4	4	87	199	50	50
47060201	Desmoscolex			8				99	
47060202	Tricoma	54	4	28		671	50	348	
47110901	GHalalaimus		4				50		
471114	Oncholaimidae		4				50		
5001410301	Paronis gracilis				2				25
5001600306	Notomastus latericeus			4				50	
5002	Archannelida				2				25
6119270406	Enhydrosoma hopkinsi	4				50			

344501	Gromiidae											
3450120499	?Legenamma comprima	10	4	4	10	124	50	50	124			
3450540102	Eggerella bradyi			4				50				
3453380101	Buliminella elegantissima		4	2				50				
3453380199	?Buliminella morgani	102	256	80	126	1268	3182	994	1566			
3453420109	Bolivina lowmani	20	64	26	4	249	796	323	50			
3453420110	Bolivina striatula	12	16		12	149	199		149			
3453460202	Bulimina marginata	4	4	4		50		50				
3453540699	+Discorbis nitida		4				50					
3453670199	?Cibicides concentricus	2			2	25	50		25			
3454250101	Ammonia beccarii	32	72	18	18	398	895	224	224			
34545202	?Fursenkoina	6	20			75	249		149			
3454520299	?Fursenkoina complanata	6	20	12		75	249		149			
3454610299	?Nonionella basiloba	286	700	268	112	3555	8701	3331	1392			
3901	Turbellaria		4			50						
43	Rhynchozoela			2				25				
47030201	Campylaimus		4					50				
47030501	GLeptolaimus		4					50				
470401	Linhomoeidra	44	64	8	2	547	796	99	25			
47040103	Gterschellindia	4	12	2		50	149					
47040301	GSphaerolaimus		4					50				
47040403	Gtheristus	2	4			25	50					
47050305	Eubostriachus	4	4			50	50					
47051001	GDorylaimopsis	6		2	4	75			25		50	
47051002	GSabatieria	26	20	6	10	323	249	75	124			
47051004	Metacoemesona	26	16		4	323	199		50			
47051006	Laimella		8				99					
470512	Cyatholaimidae		4				50					
470513	Choniolaimidae		4	4		50		50				
47060202	Tricoma	4	12			50	149					
471199	?Enchelididae	2				25						
5001230201	Sigambra tentaculata				2						25	
5001600306	Notomastus latericeus	2				25						
5022	Acarina		4					50				
6120090198	?Oithona colcarva		4					50				

344501	Groniidae	8	62	4	28	99	771	50	348
3450120499	?Lagenammina conprina				6				75
3450350401	Amoscalaria pseudospiralis		2				25		
3450540102	Eggerella bradyi		2		6		25		75
3453380101	Huliminella elegantissima		6	2			75	25	
3453380199	?Huliminella morgani	28	132		160	348	1641		1989
3453420109	Holivina lowmani	10	44		18	124	547		224
3453420110	Holivina striatula		2		8		25		99
3453460202	Bulinina marginata	2	2			25	25		
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	12	36	14	22	149	447	174	273
3454300109	Elophidium gunteri		4				50		
34545202	?Fursenkoina		4				50		
3454520299	?Fursenkoina complanata	4	8		4	50	99		50
3454610299	?Nonionella basiloba	92	224	4	298	1144	2784	50	3704
470401	Linhomoeidra	12	2			149	25		
47040103	?Terschellingia				2				25
47040403	?Theristus			2				25	
47050305	Eubostriehus		2				25	25	
47051002	?Sabatieria		2				25		
470512	Cyatholaimidae	4				50			
6120090198	?Nithona colcerva	2				25			25

3453420109	Balivina lawmani								
5922	Acarina			2					
6117	Copepoda	14	2	48	46	174	25	597	572
6118040102	Paracalanus crassirostris	4		12	8	50	25	144	99
6118290104	Acartia tonsa	10	2	4		124	25	50	
61190902	*Hectinosoma	2				25			
6120090198	?Oithona colcarva	6				75			

344501	Gromiidae			12			149
345380199	?Bulinella morgani	4	4	48		50	597
3453420109	Bolivina lowmani	4				50	
3454610299	?Nonionella basiloha			20			249
3901	Turbellaria			2			25
470401	Linhomoeidra			4			50
47040403	GTheristus			10			124
47051002	GSabatieria			6			75
470512	Cyatholaimidae			2			25
470513	Choniolaimidae			2			25
471109	Oxystominidae			2			25
5001520103	Cossura delta		2	2		25	25
5922	Acarina						25
6117	Copepoda	4	4	2	50	50	25
6118290104	Acartia tonsa		2	2		25	25
6120090198	?Oithona colcarva		2	2		25	25



780814SN05002B6 T.R

MFIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	b/a	C/a	D/a
344501	Gromiidae		2	2			25	25	
3453420109	Bolivina lowmani	2							
3454610299	?Nonionella basiloba	2	2		4	25	25		50
47050201	Microloaimus		2	2			25	25	
47051001	GDoryloaimopsis		2		2		25		25
47051002	GSebatieria		2	4			25	50	
47051006	Laimella		2	2			25	25	
47051104	GHypodontoloaimus			2				25	
470512	Cyatholoaimidae		2				25		
471109	Oxystominidae			8				99	
6117	Copepoda			4	2			50	25

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	8	12	14	2	99	149	174	25
3450120499	?Lagenamina comprima			2	2			25	25
3450450201	Bigennerina irregularis			2	2			25	25
3450540102	Eggerella bradyi	2A	24A	2A	11B	34A	50A3	34A	1467
3453380199	?Buliminella morgani	4				50			
3453420109	Bolivina lowmani				2				25
3453460202	Bulimina marginata				2	25			25
3453670199	?Cibicides concentricus	2			2				25
3454250101	Ammonia beccarii			8				99	
3454520299	?Fursenkoina complanata				6		75		75
3454610199	?Florilus atlanticus	10	46	6	12	124	572	75	149
3454610299	?Nonionella basiloba		2				25		25
470304	Axonolaimidae			2	2			25	25
47030501	CLeptolaimus			2	2			25	25
470401	Linhomoeidra		2				25		
47040103	CTerschellindia		2				25		75
47040403	CTheristus		2	6	6		25	75	75
47050201	Microlaimus		2	6	2		50	75	25
470503	Desmodontidae	2		2		25		25	
47050305	Eubostriachus				2				25
47051001	GNorylaimopsis	8	12	4	10	99	149	50	124
47051002	CSabatieria	4	20	8	12	50	249	99	149
47051004	Metacomesomea		2				25		
470511	Chromadoridae		2				25		
470512	Cyatholaimidae	6				75		25	
470513	Choniolaimidae		2				25		
47060202	Tricoma		2	2	2			25	25
471109	Oxystominidae						50		
47110902	GOxystomina	2	4			25			
5001600306	Notomastus latericeus		2		2		25		25
5922	Acarina		2				25		
6117	Copepoda		2				25		
6118	Alcalanoida		2				25		
6118040102	Paracalanus crassirostris			6				75	
6118170104	Centropages furcatus	2				25			
61192704	GEhhydrozoa		2				25		



344501	Gromitidae	4	1A			50	224		
3450120499	?Lagenammina compressa						75		
3450320401	Ammoscalaria pseudospiralis						25		
3450450201	Bigenerina irregularis						25		
345201	Miliolacea						75		
345330101	Buliminella elegantissima						25		
345330199	?Buliminella morgani	2	13A	2		25	1690	25	
3453420109	Bulimina lowmani	4				50			
3453460202	Bulimina marginata			2				25	
3454520203	Fursenkoina bontoni						75		
3454520299	?Fursenkoina complanata						25		
3454610199	?Florilus atlanticus						149		
3454610299	?Nonionella basiloba						845		
43	Rhynchocoela	8	6B		2	99	25		25
46020101	Echinoderes	2				25			50
470304	Axonolaimidae		2	2			25	25	25
470401	Linnomoeidae			2				25	25
47040301	GSphaerolaimus		6				75		25
470404	Monhysteridae	2							
47040403	GTheristus	2	4	2		25			
47050201	Microaimus		6		2	25	50	25	25
470503	Desmodoridae		18		2		75		75
470505	Ceramonematidae	2	6		2	25	224		25
470506	Monoposthiidae	2				25			
47051001	GDorylaimopsis	2		2		50		25	
47051002	GSabatieria	6	22	4	8	75	273	50	99
470511	Chromadoridae		2		2		25		25
47051104	GHypodontolaimus		2				25		
470512	Cyatholaimidae	2			4	25			50
470513	Choniolaimidae		4				50		
47060201	Desmoscolex	2				25			
47060202	Tricoma		18		6		224		75
47110901	GHalalaimus	4			2	50			25
500123	Syllidae	2				25			
5001500307	Tharyx marioni		2				25		
5001600306	Notomastus latericeus				2		75		25
5002	Archannelida						25		
61190902	+Halictinosoma	4				50			
6119280799	+Haloschizopera junodi	4				50			
6119281001	Tyoblamphiascus lamellifer		2				25		
61201A	Sebellophilidae	2				25			

780816SN0500286 T.H

MEIOFAUNA - TAXONOMY

RLM286C2

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12			56	149			696
3450250107	Reophax scottii				4				50
345201	Miliolacea			2				25	
3453180199	?Bullinella morgani	16		2	491	199		25	6103
3453420109	Bollivina lowmani		2		28		25		348
3453670199	?Cibicides concentricus	2				25			
3454250101	Ammonia beccarii			2	8			25	99
3454520203	Fursenkoina pontoni				12				144
3454520299	?Fursenkoina complanata				129				1603
3454610199	?Florilus atlanticus				8				99
3454610299	?Nonionella hasiloba	10		6	455	124		75	5656
3901	Turbellaria	2				25			
470304	Axonolaimidae				12				149
470401	Linhomoeidae				4				50
47040103	Gierscheilinoia				8				99
47040301	GSpaerolaimus		2	2	4		25	25	50
470404	Monhysteridae				4				50
47040403	GTheristus				24				298
47050201	Microlaimus	28	10	9	12	348	124	112	149
470503	Desmodoridae				84				1044
47050305	Euboastrichus	4			4	50			50
470505	Ceramonematidae				4				50
47051001	GDorylaimopsis				12				149
47051002	GSabatieria				48				597
47051004	Metacosoma				4				50
47051006	Laimella				4				50
470512	Cyatholaimidae				4				50
470513	Choniolaimidae			2	4			25	50
47060201	Desmoscolex				12				149
47060202	Iricoma				68				845
47110901	GHalalaimus				4				50
5002	Archannelida				4				50
6117	Copepoda				4				50
611909	Ectinosomidae				4				50
61190902	xHalectinosoma			2	8			25	99
61190902	CEctinosoma				44				547
61192704	GENhydrosoma	2				25			
6119270406	Enhydrosoma hopkinsi				4				50
6119280604	Robertgurneya diversa				4				50

780816SN20002H6 T.H

MEIOFAUNA - TAXONOMY

BLM2B6C2

01/03/80

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammia compressa	4	2	22	36	50	25	273	447
3450250107	Reophax scottii				8				99
3450450201	Rigenerina irregularis	2		2		25		25	50
3450540102	Eggerella bradyi	2			4	25			
3453380101	Auliminella elegantissima				4				50
3453380199	?Auliminella morgani	226	4	148	224	2809	50	1840	2788
3453420109	Belivina lowmani	12				149		25	
3453420110	Belivina striatula	4		4		50		50	99
3453460202	Aulimina marginata		2				25		
3453480299	?Trifarina bella	2				25			
3453530101	Cancria sacra							25	
3453570199	?Cibicides concentricus	2		2		12	25	25	149
3454250101	Ammonia beccarii	10				4	124		50
3454520203	Fursenkoina pontoni				16				199
3454520299	?Fursenkoina complanata	64		24		12	796	298	149
3454610199	?Florilus atlanticus								99
3454610299	?Nonionella basiloba	112	2	88	88	1392	25	1094	1094
43	Rhynchozoela			4	4			50	50
470304	Axonolaimidae				4			25	50
47030404	GParodontophora			2	4			25	50
47031001	GBathylaimus	2				25			
470401	Linhomoeidae								
47040103	CIrachelilingia	4		2	4	16	50	50	199
47040301	CSphaerolaimus		2			8	25	25	99
47040403	CItheristus					8	25	25	50
47050201	Microlaimus	28		24	24	28	25	25	348
470503	Desmodoridae	16		10	16	348		25	348
47050305	Eubostriachus	2		14	8	199		124	199
470505	Ceramoneematidae	4		2	4	50		25	50
470506	Monoposthiidae		2				25		
47051001	GDorylaimopsis	6				75			
47051002	GSabatieria	18	8	30	84	224	99	373	1044
47051004	Metacoeloma				4				50
470511	Chromadoridae				4				50
47051104	GHypodontolaimus		2				25		
470512	Cyatholaimidae			14	20			178	249
470513	Chonibolaimidae			2	4			25	50
47060201	Desmoscolex		2			25	25	25	50
47060202	Tricoma	18		8	36	174		99	447
471109	Oxystominidae	2				25			
47110901	GHalslaimus	2				25			
47110902	GOxystomina		2		16		25	25	199
471114	Oncholaimidae				2			50	
5001210103	Gyptis vittata	2		2				25	
50014102	GArctides							25	
5001500307	Iheryx marioni			2		25		25	
5001580204	Armandia maculata								
5001600306	Notomastus latericeus	4			4	50			50
5001600402	Mediomastus californiensis			2				25	149
5517020201	Corbula contracta				12				149
611909	Ectinosomidae				4				50
61190902	+Hallectinosoma				8				99
61190903	CEctinosoma								
6119270102	Cletodes dissimilis		2				25		
6119280799	+Heloschizopera junodi								
61192811	Pseudomesochra				8				50

780817SN0500286 T.H

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae	6			2	75			25
3453380101	Buliminella elegantissima	4			6	50			75
3453380199	?Buliminella morgani		4				50		
3454610299	?Nonionella basiloba		2		2		25		25
4703	Chromadoria araeolaimida	2			2	25			25
470304	Axonolaimidae	2			2	25			25
470401	Linhomoeidae				2				25
47050201	Microaimus				4				50
470503	Desmodoridae	2			6	25			75
470505	Ceramonematidae	2			2	25			25
470506	Monoposthiidae				2				25
47051002	GSabattiera	16	4	2	6	199	50	25	25
470513	Choniolaimidae				6				75
47110901	GHalalaimus	4				50			
47110902	GQxystomina				2				25
471114	Oncholaimidae				4				50
471199	?Enchelidiidae	2			2	25			25
50014102	GAricidea	4			2	50			25
5001600402	Mediomastus californiensis				6				75
5922	Acarina	2			2	25			25
61132001	GParadoxostoma				2				25
6117	Copepoda				2				25
61190902	*Halectinosoma				2				25
611927	Cletodidae				2				25
6119270405	Enhydrosoma lacunae				2				25
61192A	Diosaccidae	4		2	12	50		25	175
61192A0601	Robertgurneya rostrata				4				50
61192A0799	+Haloschizopera junodi				2				25
61192A0902	Stenhelia reflexa				2				25

780818SN0500286 T.H

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450450199	+Textularia mexicana	4	6		10	50	75		124
3453380199	?Bullinella morgani		2				25		
3453420109	Bullinella lowmani		6	2	2		75	25	25
3453670199	?Cibicides concentricus		8	2	2		99	25	50
43	Rhynchocoela		2				25		
470401	Linhomoeidra							75	
47040301	GSpaerolaimus							25	
47040403	GTheriatius							25	
47051001	GDerivialisopsis							25	
47051002	GSebasteria							25	
47051006	Leinelle			1	1	50		149	149
470512	Cyatholaimidae		2		1	50	25		25
470513	Chonolaimidae			6	1	50		75	124
6117	Copepoda		6		2		75		25



7R0818SN20002B6 T.B

METOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								75
3450120499	?Lagenammina comprima		2		6		25		75
3453380199	?Buliminella morgani	16	88	64	156	199	1094	796	1936
3453420109	Bolivina lowmani		6	4	4		75	50	50
3453460202	Bulimina marginata			4				50	50
3453470199	?Cibicides concentricus		8	2	12		99	25	149
3454610199	?Florilus atlanticus		6				75		75
3454610299	?Nonionella basitoba	2		8	8	25		99	99
3901	Turbellaria				4				50
43	Rhynchocoela				4				50
46020101	Echinoderes	4			4	50			50
47	Nematoda		2				25		25
470304	Axonolaimidae				2			25	25
47030404	GParodontophora			2	2			25	25
470305	Leptolaimidae			2				25	25
47030703	GCamacolaimus	2				25			
470401	Linhomoeidae			2	8			25	99
47040103	GTerschellingia	2			10	25			124
47040301	GSphaerolaimus		2	2	4		25	25	50
47040403	GItheristus	2	2	2	4	25	25	75	50
470503	Desmodoridae	10	2	10	2	124	25	124	25
470505	Ceramonematidae	2	4	4	2	50	50	50	25
47051001	GNorylaimopsis	2	4	20	26	25	50	249	323
47051002	GSabatieria	48	6	42	46	597	75	522	572
47051006	Laimella	2				25			
470511	Chromadoridae				4				50
470512	Cyatholaimidae	6	8	18	16	75	99	224	199
470513	Choniolaimidae				8				99
47060201	Desmoscolex		2				25		
47060202	Iricoma	4		8	2	50		99	25
471103	Ironidae				2				25
471109	Oxystominidae		4				50		25
47110901	GHalalaimus								50
47110902	GNxystomina								50
471114	Oncholaimidae			4					50
5001220201	Sigambra tentaculata								50
50014102	Garicidae	2	2			25	25		25
5001520103	Cossura delta		2	2					25
5001600402	Mediomastus californiensis		2						25
510335	Vermetidae								25
6117	Copepoda								99
61190902	*Halectinosoma								25
6119270406	Enhydrosoma hopkinsi		2					25	

780A19SM05002R6 T.B

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12	12			149	149		
3453420109	Rolivina lowmani	4	4			50	50		
3901	Turbellaria	8				99			
43	Rhynchocoela		8	2			99	25	
47	Nematoda	2				25			
470304	Axonolaimidae	2				50			
47030402	Godontophora	4			4	50			50
470310	Triploloididae	10	11	2		50	137	25	
470401	Linhomoeidae	24	42	10		124	522	124	
47040403	Gtheristus	24	413	88	50	298	5134	1094	621
47040404	Amphimonhystera	2		2		25		25	
47040407	Xyala	14	11	2	2	174	137	25	25
47050201	Microtaimus	24	11	4		137	137	50	99
470503	Desmodoridae	24	64	18	8	298	796	224	99
47050301	Gmetachromadora	112	74	86	86	1392	920	1069	1069
47050305	Eubostrichus	8	11			99	137		
47050401	Dasynemella	18		10	12	224		124	149
470505	Ceramonematidae	4	42	2	2	50	522	25	99
470506	Monoposthiidae	2			2	25		25	149
47050701	Richtersia	2				25			25
47051002	Gsabatieria	48	53		4	597	659		50
47051005	Paracmesoma	2	53	10	4	25	659	124	50
470511	Chronadoridae								
47051104	GHypodontolaimus			2				25	
470512	Cyatholaimidae	26	85	2	4	323	1057	25	50
470513	Choniolaimidae	14	95		8	174	1181		49
47110901	GHalalaimus			2				25	
471112	Enoplidae	4	21	2	2	50	261		25
471114	Gncholaimidae	58	435	22	38	721	5407	273	
47111405	GOncholaimus							25	472
6117	Copepoda			2					

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	2				25			
3901	Turbellaria	2			4	25	25		50
470304	Axonolaimidae	2				37	25		
47030402	Godontophora	2				37			
470310	Tripyloididae					37			
470401	Linhomoeidae		2	5	2	37	25	62	25
47040403	Rhynchonema	15	12	15	2	186	149	186	25
47040406	Rhynchonema	3				37			
47040407	Xyala		2				25		
470503	Desmodoridae	9	2	15	2	112	25	186	25
47050301	GMetachromadora	88	28	65	20	1094	348	820	249
47050401	Dasynechia	9	2	15		112	25	186	25
470505	Ceramonegidae	6		20	2	75		249	25
470506	Monoposthiidae	6	4		2	75	50		25
47051005	Paracomosoma	3		10	4	37	25	124	50
470511	Chromadoridae	3	2	10	4	37	25	124	50
470512	Cyatholaimidae			5	2			62	25
470513	Choniolaimidae	3	4	31		37	50	385	
471112	Enoplidae		2	5			25	62	
47111204	Chaetonema	3				37			
471114	Oncholaimidae	248	356		58	3083	4425	7296	721
47111405	GOncholaimus			587					
6117	Copepoda	20	4	2		249	50	25	
61190902	*Halictinosoma			6				75	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	24	12	28	16	298	149	348	199
3450120499	?Lagenemmina comprima				2				25
3450450201	Bigenerina irregularis		4		2		50		25
3450540102	Eggerella bradyi			4				50	
345201	Miliolacea								
3453380101	Buliminella elegantissima								25
3453380199	?Buliminella morgani	15	130	37	160	1939	1616	4674	1989
3453420109	Bolivina lowmani	16	16	4	26	199	199	50	323
3453460202	Bulimina marginata				4				50
3453480103	Uvigerina parvula					25			
3453540699	+Discorbis nitida	2	4				50		
3453670199	?Cibicides concentricus	2	4		4	25	50		50
3454250101	Ammonia beccarii	12	8		2	189	99		25
3454300109	Elphidium gunteri	2				25		50	
34545202	GFursenkoina			4	6				75
3454520299	?Fursenkoina complanata							50	
3454610299	?Nonionella basiloba	304	256	508	258	3779	3182	6314	3207
46020101	Echinoderes			4				50	
47	Nematoda				2				25
470304	Axonolaimidae								25
470401	Linhomoeidae	32	36		10	398	447		124
47040103	GTerschellinia	24	32	8	30	298	398	99	373
47040301	GSphaerolaimus			4	4			50	50
47040403	GTheristus	10	12	20	12	124	149	249	149
47050201	Microilaimus		4				50		
470503	Desmodoridae				8				99
47050301	GMetachromadora		4					50	
47050305	Euboastrichus	22	16	8	2	273	199	99	25
47051001	GDorylaimopsis	50	4	12	30	348	50	149	373
47051002	GSabatieria		28	68	74	621	348	845	920
47051003	Cervonema		4		2		50		25
47051004	Metacomosoma	6	20	72	26	75	249	895	323
47051006	Laimalia	4				50			
470511	Chromadoridae		4				50		
470512	Cyatholaimidae			28	42	25		348	522
47051205	Neotonchus		4			50		50	
470513	Choniolaimidae			4		99			25
471114	Oncholaimidae				2				
47111405	GOncholaimus		8				99		
500120201	Sigambra tentaculata	2				25			
50014102	Caricidae			4				50	25
5001500307	Tharyx marioni				2				25
6118040199	?Paracalanus aculeatus				2				25
61200103	GDucaea		4				50		25

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Laonammina comorima	36	40	16	50	447	497	199	621
3450450201	Bigenerina irregularis		4				50		
3450540102	Eggerella bradyi	2				25		25	50
3453380101	Buliminella elegantissima		4	2	104	25	50	25	1293
3453380199	?Buliminella morgani	50	110	112		621	1367	1392	
3453420109	Bolivina lowmani	2	8	4	4	25	99	50	50
3453420110	Bolivina striatula				4				75
3453460202	Bulimina marginata			2	2			25	50
3453480103	Uvigerina parvula				2				25
3453670199	?Cibicides concentricus		6	10	14		75	124	174
3454250101	Ammonia beccarii	12	8	36	18	149	99	447	224
3454300109	Elphidium gunteri				2				25
34545202	GFursenkoina			2				25	
3454610299	?Nonionella basiloba	264	136	214	174	3282	1690	2660	2163
43	Rhynchocoela				4				50
46020101	Echinoderes	2	8			25	99		
47030201	Campylaimus				3				37
47030703	GCamacolaimus	3				37			
470401	Linhomoeidra	47	10	2	3	584	124	25	37
47040103	GTerscheillingia	61	4	88	41	758	50	1094	510
47040301	GSchaerolaimus	10			3	124			37
470404	Monhysteridae	14	2	6	16	174	25	75	199
47040403	GTheristus	91	27	14	25	1131	336	174	311
47040405	Paramonhystera				5				62
47040501	Siphonolaimus		2				25		
47050201	Microlaimus	7				87			
470503	Desmodoridae		4		5		50		62
47050305	Euboastrichus	7		12	30	87	50	149	373
470505	Ceramonematidae	3	2			37	25		
470510	Comesomatidae	3				37			
47051001	GDorylaimopsis	7	16	4	16	87	199	50	199
47051002	GSabatieria	108	54	40	84	1342	671	497	1044
47051004	Metacomosoma	64	55	34	65	796	684	423	808
470511	Chromadoridae	3	6		3	37	75		37
470512	Cyatholaimidae	122	76	28	51	1516	945	348	634
47051205	Neotonchus	7		12		87		149	149
470513	Choniolaimidae	34	12	6	11	423	149	75	137
47060202	Tricoma	7				87	25		
47110901	GHalalaimus	3		2	3	37		25	37
471114	Oncholaimidae						50		37
5001220201	Sigambra tentaculata	2		6	4	25	75	75	50
50014102	GArticidae						75		75
5001500307	Tharyx marioni				2				25
611927	Cletodidae	6				75			

780821C	286 T.8	MEIOFAUNA - TAXONOMY	BLM286C2	01/03/80	08:27:48							
Code	Organism name			A	B	C	D	A/a	B/a	C/a	D/a	
344501	Gromiidae			18	54	20	116	224	671	249	1442	
3450120499	?Lagenammina comprima						4				50	
3450450103	Textularia earlandi			2	4			25	50		50	
3450540102	Eggerella bradyi				4				50			
345201	Miliolacea						4	25			50	
3453380101	Buliminella elegantissima			2								
3453380109	?Buliminella morgani			198	180	242	244	2461	2237	3008	3033	
3453420109	Bulimina lowmani			36	192	72	908	447	2387	895	11286	
3453460202	Bulimina marginata						4				50	
3454250101	Ammonia beccarii			8	36	18	204	99	447	224	2536	
34545202	GFursenkoina				8		2		99	25	149	
3454610299	?Nonionella basiloba			44	172	54	200	547	2138	671	2486	
3454650201	Melonis pompilloides						16				199	
46020101	Echinoderes				4				50			
47030201	Campylaimus				4				50			
47030404	GParodontophora			2	4	2	12	25	50	25	149	
47030501	GLeptolaimus				20		4		249		50	
470401	Linhomoeidae			55	60	4	41	684	746	50	510	
47040103	GTerschellingia			10	12	6	28	124	149	75	348	
470404	GMonhysteridae			2	4		4	25	50		50	
47040402	GMonhystera						20				249	
47040403	GTheristus			10	44		41	124	547		510	
470503	Desmodoridae						4				50	
47050305	Eubostrichus			2			4	25			50	
47051001	GDorylaimopsis			2	4		4	25	50		50	
47051002	GSabatieria			172	100	52	146	2138	1243	646	1815	
47051004	Metacomema			27	8	8		336	99	99		
470512	Cyatholaimidae			65	136	4	215	808	1690	50	2672	
47051205	Neotonchus			10	28	4	16	124	348	50	199	
470513	Choniolaimidae			7	4	4		87	50	50		
47060202	Tricoma				8				99		50	
471109	Oxystominidae										50	
47110902	GOxystomina				8				99			
471114	Uncholaimidae			5			4	62			50	
5001220201	Sigambra tentaculata			4			4	50			50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	6	38		50	75	472	
3450120498	?Lagenammina diflugiformis		4					50	
3450120499	?Lagenammina comorima		6				75		
3450320401	Amnoscalaria pseudospiralis				2			25	25
3450450201	Pigenerina irregularis			2	6			25	75
3450540102	Eggerella bradyi			2	4			25	75
3453380101	Buliminella elegantissima		8		4			50	
3453380199	?Buliminella morgani	2	18	104	88	25	224	1293	1094
3453420109	Bolivina lowmani	2	4	10	4	25	50	124	50
3453460202	Bulimina marginata		2		2		25		25
3453670199	?Cibicides concentricus		4	8	12		50	99	149
3454250101	Ammonia beccarii			8	8			99	99
3454520299	?Fursenkoina complanata			2	6			25	75
3454610299	?Nonionella basiloba	12	42	318	156	149	522	3953	1939
47040405	Paramonhystera		2	6			25	25	
47051002	GSabatieria				2		25	75	25
470513	Choniolaimidae	2				25			

780823C 2R6 T.R MEIOFAUNA - TAXONOMY BLM2R6C2

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	16	12	24	12	199	149	298	149
3450120498	?Lagenammina difflugiformis		6	13	16		75	162	199
3450120499	?Lagenammina comprina	5	2	19	8	62	25	236	99
3450250107	Reophax scottii								
3450320401	Ammoscalaria pseudospiralis		2				25		
345201	Miliolacea		2				25		
3452140599	+Pyrgo nasuta	5				62			
3453380199	?Bulliminea morgani	1214	354	997	536	15090	4400	12393	6662
3453420109	Bolivina lowmani	84	10	57	32	1044	124	709	398
3453420110	Bolivina striatula			13	36			162	447
3453560104	Eponides antillarum		4		4		50		50
3453670199	?Cibicides concentricus	5	22		12	62	273		149
3454250101	Ammonia beccarii			25	12			311	149
3454520203	?Fursenkoina pontoni		4	25			50	311	
3454520299	?Fursenkoina complanata	84	4	303	44	1044	50	3766	547
3454610199	?Florilus atlanticus	26	12	25	16	323	149	311	199
3454610299	?Nonionella basiloba	618	146	675	172	7682	1815	8390	2158
3514	Ciliatea holotrichia				4				50
3901	Iurbellaria	4		4	8	50		50	99
43	Rhynchocoela		6	16			75	199	
46010102	Trachydemus				4				50
46020101	Echinoderes				8				99
47030201	Gamnylaimus			4				50	
470304	Axonolaimidae			16				199	
47030501	Leptolaimus		2	8	8		25	99	99
470401	Linhomoeidra	4		12		50		149	
47040301	GSphaerolaimus	4		8		50		99	
47040403	GItheristus	8	2	16	16	99	25	199	199
47050201	Microlaimus			16				199	
470503	Desmodoridae	4	6	16	36	50	75	199	447
47050305	Eupostrichus			4				50	
47050701	Richtersia	4				50			
47051001	GDorylaimopsis	4		4		50		50	
47051002	GSabatieria	60	10	56	20	746	124	696	249
47051004	Metacoeloma						55		
470511	Chromadoridae	16		28	16	199	55	348	199
470512	Cyatholaimidae	12		8		144	25	99	
470513	Choniolaimidae	4			4	50			50
47051301	Pseudonchus	4				50			
47060202	Tricoma	4	4	28	8	50	75	348	99
47110901	GHalalaimus	16		8		199		99	
47110902	GUxystomina						25		
5001220201	Sigambra tentaculata	4		4	4	50		50	50
50014102	GArctidae						50		
5001520103	Coasura delta						55	50	
5001600306	Notomastus latericeus	8		4		99	55	50	
5517020201	Corbula contracta	8				99			
5922	Acarina	4				50			
6117	Copepoda				4				50
6119	AHarpacticoida	4				50			
61190902	*Halectinosoma	8			4	99			50
6119150703	Normanella confluens			4	4			50	50
6119270199	+Clatodes millerorum	4				50			
6119280402	+Amphiascus minutus		2				25		
6119280795	+Haloschizopera junodi		6		8		75		99
6120	ACyclopoidea	4				50			



7A0824C 2R6 T.8 MFI0FAUNA - TAXONOMY ALM2R6C2

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32	2A	12	16	398	34A	149	199
3450120499	?Lagenammina comprimata	12		60	6	149		746	75
3450450103	Textularia earlandi	4				50			
3450450201	Bidenerina irregularis		4		4		50		50
3450540102	Eggerella bradyi		6		2		75		25
345201	Miliolacea								25
3453380101	Buliminella elegantissima	4		8		50		99	
3453380199	?Buliminella morgani	880	264	712	444	10938	3242	8850	5519
3453420109	Bolivina lowmani	20	10		6	249	124		75
3453420110	Bolivina striatula				4				50
3453460202	Bulimina marginata		2		2			25	25
3454250101	Ammonia beccarii	144	66	180	154	1790	820	2237	1914
3454300109	Elphidium gunteri	4				50			
34545202	Fursenkoina		4		4		50		50
3454520203	Fursenkoina pontoni			4				50	
3454520299	?Fursenkoina complanata	4				50			
3454610199	?Florilus atlanticus			8	2			99	25
3454610299	?Nonionella basiloba	12		20	24	149		249	298
3901	Turbellaria	4				50			
43	Rhynchocoela	4				50			
46010102	Trachydemus			4				50	
46020101	Echinoderes								
47	Nematoda		2					25	25
470304	Axonolaimidae								25
47030404	GParodontophora	4	2			50			50
470401	Linhomoeidae	12			10	149			124
47040103	Gierscheiellina	4				50			50
47040301	GSphaerolaimus	4	2			50			25
470404	Monhysteridae				4				50
47040403	GTheristus	44			34	547			423
47050201	Microlaimus	20	18		16	249			199
470503	Desmodoridae	28	2		6	348	224		75
47050305	Eubostrichus	4				50			
470505	Ceramonomatidae								50
47051001	GDorylaimopsis	4	6	8	1	50	75	99	149
47051002	GSabatieria	36		12		447		149	398
47051004	Metacoeloma	8				99			249
470512	Cyatholaimidae	72		4	46	895		50	572
47051205	Neotonchus								25
470513	Choniolaimidae	4	2			50	25		25
47060201	Desmoscolex			4	2			50	25
47060202	Tricoma	8				99			
47110901	GHalalaimus		2		6		25		75
5001220201	Sigambra tentaculata			4				50	
50014102	GArctidea								99
5001600402	Mediomastus californiensis								50
6118040102	Paracalanus crassirostris								25
6119040101	Loricipedia heigoldica								25
61190902	*Hallectinosoma		2				25		

790101PE0500286 T.B

MEIOFAUNA - TAXONOMY

BLM286C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae		2	4	4		25	50	50
3453380199	?Bulliminea morgani	28	14	14	22	348	174	224	273
3453420109	Rolivina lowmani	8	6	20	25	25	75	249	25
3454250101	Ammonia beccarii		2	2	4	99	25	25	25
46010102	Trachydemus				8				50
47030404	GParodontophora	10			4	124			99
470401	Linhomoeidae	52	14	79	46	646	174	982	572
47040103	GTerachellinidia	8	4	49	12	99	50	609	149
47040301	GSphaerolaimus	4	2	4		50	25	50	
470404	Monhysteridae				2	50			25
47040403	GTheristus	22	26	26	42	273	323	323	522
470503	Desmodoridae		12	12	22	273	149	149	273
47050305	Euboastrichus	22	12	12	22	273	149	149	273
470505	Ceramonematidae		10	14	6	50	124	174	75
47051001	GDorylaimopsis	4	10	14	6	50	124	174	75
47051002	GSabatieria	56	62	55	121	696	771	684	1504
47051004	Metacoeloma	4	28	8	28	50	348	99	348
47051006	Laimella	4	4			50	50		
470511	Chromadoridae	2		6	2	25		75	25
470512	Cyatholaimidae	8		16	14	99	50	199	174
470513	Choniolaimidae		2		4	25	25		50
47110901	GHalalaimus	2			2	25			25
50012201	GAncistrosyllis					25	25		
50014102	GAricidea					25	25		
5001500307	Itharyx marioni				2	25	25		25
5001520103	Cosaura delta					25	25		
5001600402	Mediomastus californiensis		2		10		25		124

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	2	4		25	25	50
3450120098	?Legnammia difflugiformis			4				50	
3453380101	Buliminella elegantissima			4				50	
3453380199	?Buliminella morgani	8	4	20	26	99	50	249	323
3453420109	Bolivina lowmani	8	38	38	16	99	472	472	199
3453670199	?Cibicides concentricus		2		2		25		25
3454250101	Ammonia beccarii		4	22	24		50	273	298
3454300109	Elphidium gunteri				2				25
34545202	GFursenkoina		2				25		
3454610299	?Nonionella basiloba	4	2	18	10	50	25	224	124
3901	Turbellaria			2				25	
47030404	GPseudodontophora	10	4	4	4	124	50	50	50
470401	Linhomoeidra	12	4	22	140	149	50	273	1740
47040103	GTerscheilingia	4	2	16	66	50	25	199	820
47040301	GSphaerolaimus				12				149
470404	Monhysteridae		2		12		25		149
47040403	GTheristus	4	2	30	99	50	25	373	1231
470503	Desmodoridae				4				50
47050305	Eubostrichus	4		2		50		25	99
470510	Comesomatidae			6				75	1231
47051001	GDorylaimopsis			6	99			75	1231
47051002	GSabatieria	8		36	144	99		447	1790
47051004	Metacomosoma			28	21			348	261
47051006	Laimella			6				75	
470511	Chromadoridae			4	4			50	50
470512	Cyatholaimidae			18	8			224	99
47060201	Desmoscolex	2				25			
47060202	Tricoma			2	12			25	149
47110901	GHelalaimus				12				149
471199	?Enchelidiidae				4				50
500107	Pistonidae				2				50
50012201	GAncistrostylis				4				50
5001220201	Sigambra tentaculate	2				25			
50014102	GAricidea			2				25	
5001500307	Tharyx marioni				6				75
5001600402	Mediomastus californiensis				8				99
55	Bivalvia			2				25	
551702	Corbulidae				4				50
6118290104	Acartia tonsa				58				721
611928	Diosaccidae				4				50
6119280799	+Haloschizopera Junodi			2				25	
6119281001	Typhlamphiascus lamellifer				6				75

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MEIOFAUNA - TAXONOMY

BLM2R6C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453380199	?Bulliminella morgani	2	4	12	6	25	50	144	75
3453420109	Bullivina lowmani		4	30	2		50	373	25
3453460202	Bullimina marginata		2				25		
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii		8	10	16		99	124	199
3454610299	?Nontonella basiloba				2				25
47030404	Parodontophora	4	2	2	16	50	25	25	194
470401	Linhomoeidra	6	4	24	34	75	50	298	423
47040103	Gierschellinia			10	6			124	75
470404	Monhysteridae				2				25
47040403	Gtheristus	4	2			50	25		
47050305	Eubostrichus			2	2			25	25
470505	Ceramonematidae			4				50	
47051001	GDorylaimopsis				2				25
47051002	GSabatieria	10		10	58	124		124	721
47051004	Metacoeloma			2	12			25	149
470512	Cyatholaimidae			2	2			25	99
47051205	Neotonchus				4				50
5001670208	Ampharete acutifrons				2				25
5922	Acarina	8	2			99	25		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae								
3450320401	Ammoscalaria pseudospiralis	6			22	75			273
3453380101	Buliminella elegantissima		2	2			25	25	
3453380199	?Buliminella morgani	4	10	44	28	50	124	547	348
3453420109	Bolivina lowmani	2	2A	76	30	25	148	945	373
3453460202	Bulimina marginata			2				25	
3454250101	Ammonia beccarii	6	4	50		75	50	621	
3454610299	?Nonionella basiloba		2	6	2		25	75	25
35180101	Coelocornides		2				25		
43	Rhynchocoela								
47030401	GAxonolaimus	2				25			
47030404	GParodontophora	2	4	13	12	69	50	162	149
470401	Linhomoeidra	52	32	76	34	646	398	945	423
47040103	Gierschellinia	18	14	38	4	224	174	472	50
470404	Monhysteridae			7				87	
47040403	GTheristus	24	12	45	34	298	149	559	423
47050305	Eubostrichus	6	6	22	6	75	75	273	75
47051001	GDorylaimopsis	2		2	22	25	25	25	273
47051002	GSabatieria	56	50	81	72	696	621	1007	895
47051004	Metacoeloma	32	28	29	32	398	348	360	398
47051006	Laimella	4	2	9		50	25	112	
470512	Cyatholaimidae	8				90			149
47051205	Neotonchus	2		11	12	25	224	137	25
470513	Choniolaimidae	4	2		4	50	25		50
47110902	GDxytamina			2				25	
47110903	Thalassoalaimus			4				50	
5001220201	Sigambra tentaculata	6				75			
5001520103	Cossura delta		2				25		
5001600402	Mediomastus californiensis				2				25
6119280799	+Haloschizopera junodi						50		
6119281001	Typhlamphiascus lamellifer		2				25		

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MFIQFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	2	8		50	25	99	
3453380101	Buliminella elegantissima	16		4		199		50	
3453380109	?Buliminella morgani	40	12	10	14	497	149	124	174
3453420109	Bolivina lowmani	64		6		796		75	50
3454250101	Ammonia beccarii	18	8	8	6	224	99	99	75
34545202	GFursenkoina	2		2		25		25	
3454610299	?Nonionella basiloba	16		2		199		25	
370306	Corynidae			2				25	
3901	Turbellaria			2				25	
46020101	Echinoderes			2				25	
47030404	GParodontophora			2				25	
470401	Linhomoeidae	14		9		174		112	
47040103	GTerschellindia	15		9	2	1429	423	1405	25
47040301	GSphaerolaimus	32		9	4	398	149	112	50
47040403	GHieristus	25		2		25		25	
47050305	Eubostrichus	29	14	71		360	174	883	
470510	Comesonatidae	16	4	7	2	199	50	87	25
47051001	GDorylaimopsis	7				87			
47051002	GSabatieria	2	4	11		25	50	137	
47051004	Metacomosoma	45	30	49		559	373	609	
47051006	Laimella	25	8	29		311	99	360	
470511	Chromadoridae	5		4		25		25	
470512	Cyatholaimidae	20	10	24		249	124	298	
470513	Choniolaimidae	5				62			
47060202	Tricoma		2				25		
47110901	GHalaisinus	2		2		25		25	
47110902	GDxystomina			7				87	
471114	Oncholaimidae	2				25			
5001220201	Sigambra tentaculata		4	2			50	25	
5001600402	Mediomastus californiensis	4				50	25		
6110	Ostracoda		2			25		25	
6119	AHarpacticoida	2				25		25	
611927	Cletodidae							25	
61192809	GStenhelis			4				75	50
6119281001	Typhlamphiascus lamellifer	2		2		25		25	

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae			8	12			99	149
3450120499	?Lagenammina conrriae			2				25	
3453380101	Buliminella elegantissima			2				25	
3453380199	?Buliminella morgani	14	10	1	6	174	124	149	75
3453420109	Bolivina lowmani		8	1			99	149	
3453470199	?Cibicides concentricus		2				25		
3454250101	Ammonia beccarii	4		4		50		50	
3454520203	Fursenkoina pontoni			2				25	
3454610299	?Nonionella basiloba		8	1	4		99	124	50
46010102	Trachydemus			2	2			25	25
47	Nematoda			4				50	
470304	Axonolaimidae				2				25
47030404	GParodontophora	2	2	4	10	25	25	50	124
470401	Linhomoeidae	26	18	34	72	323	224	423	845
47040103	Gierschellinia	36	6	4	2	447	75	50	25
47040301	GSpaerolaimus		2	2	4		25	25	50
470404	Monhysteridae	2				25		25	50
47040403	GTheristus	16	14	34	42	199	174	423	322
470503	Desmodoridae				2			25	25
47050305	Eubostrichus	6			20	75			249
470510	Comesomatidae				4		50	597	174
47051001	GDorylaimopsis	20	4	48	14	249	50	597	547
47051002	GSabatieria	28	48	56	44	344	597	696	547
47051004	Metacomesoma	18	12	2	16	224	149	25	199
47051006	Laimella				2			25	25
470511	Chromadoridae			2				25	50
470512	Cyatholaimidae			22	30			273	373
470513	Choniolaimidae				2			25	25
47060202	Tricoma			2	2			25	25
47110901	GHalalaimus	2		4		25		50	50
47110902	Goxystomina			4				50	50
471114	Uncholaimidae		2		4		25		50
5001220201	Sigambra tentaculata			2				25	25
50014102	GAricidea	4		4		50		50	
5001500307	Tharyx marioni	6				75			
5001520103	Cossura delta			4	4			50	50
5001600402	Mesogastus californiensis	2		12	16	25		149	199
55	Bivalvia			2				25	
6118290104	Acertia tonsa				6				75
61190902	*Halectinosoma			4				50	
6119140101	Euterpina acutifrons							50	50
611927	Ctenodidae			4				50	50
6119280799	*Haloschizopera junodi			4				25	25
6119281001	Typhlamphiscus lamellifer			6	4			75	50

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae		2	8			25	99	50
3450540102	Eggerella bradyi				4				50
3453380199	?Buliminella morgani		4	18	36		50	224	447
3453420109	Bolivina lowmani		2		80		25		994
3453670199	?Cibicides concentricus	2				25			
3454250101	Ammonia beccarii		6	18	16		75	224	199
34545202	GFursenkoina				4				50
3454610299	?Nonionella basiloba				12				149
3704	Hydrozoa hydroida leptomedusae		6				75		
43	Rhynchocoela			2				25	
470304	Axonolaimidae				4				50
47030404	GParodontophora		6	28	32		75	348	398
470401	Linhomoeidra		10	74	208		124	920	2585
47040103	CTerschellindia		2	28	52		25	348	646
47040301	GSphaerolaimus				6				50
470404	Monhysteridae	2			16	25		37	199
47040403	GIheristus	2			80	25		1106	994
47050305	Euboastrichus				8			186	99
470510	Comesomatidae				4			186	50
47051001	GDorvillainopsis		2	31	32		25	385	398
47051002	GSabatieria	16	4	116	168	199	50	1442	2088
47051004	Metacomesoma			49	60			609	746
47051005	Paracomesoma				4				50
47051006	Laimella				4				50
470512	Cyatholaimidae	8	2	25		99	25	311	
470513	Choniolaimidae		2	3			25	37	
47110902	GOxystomina				12				149
471114	Oncholaimidae				4				50
5001220201	Sigambra tentaculata				4				50
5001410301	Paronis gracilis			2				25	
5001520103	Cossura delta			4		25		50	
5001600402	Mediomastus californiensis		2			25	25		
6117	Copepoda					25			
61190902	*Halectinosoma					25			



Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	10	2	12		124	25	149	
3450120499	?Lagenammina compta	6				75			
3450250107	Reophax scottii	2				25			
3450320401	Ammoscalaria pseudospiralis	2				25			
3450450201	Bigenerina irregularia	2				25			
3450540102	Eggerella bradyi	2				25			
3453380101	Buliminella elegantissima	2				25			
3453380199	?Buliminella morgani	48	10	4	10	597	124	50	124
3453420109	Rolivina lowmani	38	6	6		472	75	75	
3453450110	Rolivina striatula	2				25			
3454250101	Ammonia beccarii	28	16	10	8	320	199	124	99
3454300109	Elphidium gunteri	2				25			
34545202	Gfursenkoina	2				25			
3454520203	Fursenkoina pontoni	2				25			
3454520299	?Fursenkoina complanata	1				149			
3454610299	?Nonionella basiloba	94		8		1168			99
43	Rhynchocoela	2		2		25			25
46010102	Trachydemus	2	2			25			
46020101	Echinoderes	2	2			25			25
47	Nematoda			2	2				25
470304	Axonolaimidae			3					37
47030404	GParodontophora	12	4	9	6	149	50	112	75
470401	Linhomoeidra	194	64	100	40	2411	796	1243	497
47040103	GTerschellinia	8	8	17	8	99	99	211	99
47040301	GSphaerolaimus			9				112	
47040403	GTheristus	79	38	77	6	982	472	957	75
470503	Desmodoridae			3				37	
47050305	Eubostrichus	47	6	9	8	584	75	112	99
470505	Ceramonematidae	4		6		50		75	
470510	Conesomatidae	8				99		25	
47051001	GCorylaimopsis	8		29	14	99		25	360
47051002	GSabatieria	91	70	83	20	1131	870	1032	174
47051004	Metacoenosema	51	1		14	634	149		249
47051006	Laimella	20		3	6	249	99	37	174
470511	Chromadoridae							25	
470512	Cyatholaimidae	36	8	51		447	99	634	
47051205	Negtonchus			3				37	
470513	Choniolaimidae		2	3	2			25	37
47060202	Tricoma			3				37	
47110901	GHalalaimus	8		6		99		75	
47110902	GOxytomina			3				37	
471114	Oncholaimidae			3				25	112
5001220201	Sigambra tentaculata			3				25	37
5001440109	Maqelona phyllisae			2				25	
5001500307	Tharyx marioni			2				25	
5001520103	Cossura delta	2		8		25			99
5001600402	Mediomastus californiensis	2				25			
55	Bivalvia	2				25			
6117	Copepoda	2				25			
611928	Diosaccidae	2				25			
6119280799	+Haloschizopera junodi	2		4		50			50
61192809	GStenhelia	2				25			50

790102PE0500286 T.H

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453420109	Bolivina lowmani	4	2	6		50	25	75	
3454250101	Ammonia beccarii		6	6			75	75	
3454610299	?Nonionella basiloba	6				75			
3704	Hydrozoa hydroids leotomedusae	2				25			
43	Rhynchocoela				2				25
46020101	Echinoderes	2	2		4	25	25		50
47030401	GAxonolaimus	2				25			
47030404	GParodontophora	4			6	50			75
470305	Leptolaimidae	2				25			
470401	Linhomoeidra	30	4	20	4	423	50	249	50
47040103	GIerschellinia	4		8	4	50	25	99	50
47040301	GSphaerolaimus		2		2	25	25		25
47040403	GTheristus	12	8	10	4	149	99	124	50
470503	Desmodoridae				2				25
470510	Comesomatidae	2		6		25			75
47051001	GDorvilaimopsis			2					25
47051002	GSebatieria	64	42	62	20	796	522	771	249
47051004	Metacoeloma	10	26	38	12	124	323	472	149
47051005	Paracoeloma	6	4			75	50		
470511	Chromodoridae	10	2	10	4	124	25	124	50
470512	Cyatholaimidae	34	28	28	4	423	298	348	50
470513	Choniolaimidae				4				50
471103	Ironidae	4	2			50	25		
47110901	GHalalaimus		2		2		25		25
471114	Oncholaimidae	2		4		25		50	
471198	?Leptosomatidae (nematode)	2				25			
5001600402	Mediomastus californiensis		2	4	6		25	50	75
55	Rivalvia	2				25			
61131901	GLoxoconcha					25			
61190902	*Malectinosoma	6	16	2		75	199	25	
61192704	GEnhydrosoma			2					25
6119270406	Enhydrosoma hopkinsi								25

790102PE2000206 T.B

MEIOFAUNA - TAXONOMY

RLM286C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		4		4		50		50
3450120499	?Lagenemmina comprima	2				25			
3453380101	Bullimmina elegantissima			12		25		149	
3453380199	?Bullimmina morgani			12	4	25		149	50
3453420109	Bolivina lowmani		16	6	20	25	199	75	249
3454250101	Ammonia beccarii	8	40	188	67	99	497	2337	833
34545202	GFursenkoina			4				50	
3901	Turbellaria				2				25
46020101	Echinoderes	2	8	8	8	25	99	99	99
47	Nematoda		8	4				50	
47030201	Campylaimus							99	
47030404	GPseudodontophore	6	19	8	8	75	236	99	99
47030501	GLEptolaimus			4				50	
47030703	GCamacolaimus	4				50			
470401	Linhomoeidra	38	89	131	84	472	1106	1628	1044
47040103	GTerschellinia	20		70	56	249	1579	870	696
47040301	GSphaerolaimus	4	9	8	12	50	112	99	149
470404	Monhysteridae	2	8	8		25	99	99	
47040403	GTheristus	18	71	62	44	224	883	771	547
470503	Desmodoridae				8				99
470510	Comesomatidae		19		12		236		149
47051001	GDorylaimopsis	28			8	348			99
47051002	GSabatieria	54	75	115	156	671	932	1429	1939
47051003	Cervonema	2			4	25			50
47051004	Metacoemesoma	64	80	37	116	796	994	460	1442
47051005	Paracoemesoma	4				50			149
470511	Chronadoridae	8	19	21		99	236	261	
470512	Cyatholaimidae	100	94	82	84	1243	1168	1019	1044
47051205	Neotonchus	2	8	8	4	25	99	99	50
470513	Choniolaimidae		8	12	8		99	149	99
47060202	Tricoma		8	8	8			99	99
471103	Ironidae	2	8			25	99		
47110901	Halaelaimus	4	8		8	50	99	50	99
47110902	Goxystomina			4				50	
5001431701	Paraprionospio pinnata	2				25			
5001600402	Mediomastus californiensis	2	8		12	25	99		149
5001670208	Ampharete acutifrons				4				50
5004	Oligochaeta				4				50
55	Rivalvia				4				50
6117	Copepoda	4	12		4		149		50
61190902	*Halectingsoma	4				50			
611927	Cletodidae	2	4			25			
6119270406	Enhydrosoma hopkinsi		4		12		50		149
61192809	GStenhelia			4	12			50	149

790102PN05002R6 T.R

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453420109	Bolivina lompani	34	16	2		423	199	25	
3453420110	Bolivina striatula			5				25	
3454250101	Ammonia beccarii	12	8	12	6	149	99	149	75
3454610299	?Nonionella basiloba		4				50		
43	Rhynchocoela	2			4	25			50
46020101	Echinoderes	8	2	16	10	99	25	199	124
470304	Axonolaimidae		2		2		25		25
47030404	GParodontophora	6		8	10	75		99	124
470401	Linhomoeidra	30	2	12	4	373	25	149	50
47040103	GTerschellinia	8	6	8	8	99	75	99	99
47040301	GSphaerolaimus		2		6		50		75
470404	Monhysteridae		2				25	25	
47040403	Gtheristus	28	18	16	6	348	224	199	75
47050201	Microalaimus	2				25			
470503	Desmodoridae		4				50		
47051001	GDorvilaimopsis	8		2	8	99		25	99
47051002	GSabatieria	64	62	36	56	796	771	447	696
47051004	Metacomosoma	28	2	36	14	348	25	447	174
47051005	Paracomosoma	4	4			50			
470511	Chromadoridae	14	44	2	12	174	547	25	149
470512	Cyatholaimidae	84	48	70	56	1044	597	870	696
47051205	Neotonchus	4			2	50			25
470513	Choniolaimidae		2			25	25		
47060202	Tricoma	2				25			
471103	Tronidae	2	2			50		174	
47110901	GHalalaimus	2		14		25			
471114	Dnchelaimidae	2		2	4	25		25	50
471199	?Enchelidiidae				2				25
5001430502	Prionospio cirrifera	2				25			
5001440109	Magelone phyllisae				2				25
5001600402	Mediomastus californiensis	10	4		4	124	50		50
6117	Copepoda			2		50		25	
61190902	shalectinosoma	10	2			124	25		
61192704	GEnhydrosoma		2	2		25		25	
6119270406	Enhydrosoma hopkinsi		2	6		25	25	75	
61192809	GStenhella	8		4	2	99		50	25

790102PN20002H6 T.H

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae		2				25		
3453380101	Buliminella elegantissima			4				50	
3453380199	?Buliminella morgani				2				25
3453420109	Bolivina lowmani		12		8		149		69
3454250101	Ammonia beccarii	56	12	16	22	696	149	199	273
45	Rhynchocoela	28	12			348	149		
46020101	Echinoderes	16	10			199	124		
47	Nematoda	6				75			
47030201	Cemylaimus			5				62	
470304	Axonolaimidae	12				149			
47030404	GParodontophora	55	8	41	20	684	99	510	249
47030703	GCanacolaimus	12		5		149			
470401	Linhomoeidra	25	22	64	22	311	273	796	273
47040103	GTerschellinaia	61	30	28	20	758	373	348	249
47040301	GSchaerolaimus			14	4			174	50
47040403	GTieristus	110	26	60	6	1367	323	746	75
47040501	Siphonolaimus		2	5			25	62	
470503	Gsmodoridae	12				149			
47050305	Eubostnichus	6				75		25	
470510	Comesomatidae		2	9				25	112
47051001	GDorylaimopsis	25			6	311	25		75
47051002	GSabatieria	184	75	129	78	2287	895	1603	970
47051004	Metacomesoma	184	12	133	64	2287	149	1653	796
47051005	Paracomesoma	12	2	23		149	25		286
470511	Chromadoridae	55	16			684	124		
470512	Cyatholaimidae	135	22	87	14	1678	273	1081	174
47051205	Neotonchus	6		5	4	75		50	50
470513	Choniolaimidae	18	2	23	6	224	25	286	75
47060202	Tricoma		4	28			50	348	
47110401	GAnticoma	25				311			
47110901	GHalalaimus	6				75			
47110902	GOxystomina				2				25
471114	Oncholaimidae		12	5			149	62	
471198	?Leptosomatidae (nematoda)				2				25
471199	?Enchelidiidae	6				75			
5001	Polychaeta			8				99	
50014102	GAricidea						25		
5001431701	Paraprionospio pinnata						25		
5001440109	Magelona phyllisae			4			25	50	
5001520103	Cossura delta						25		
5001600402	Mediomastus californiensis	20		8		249		99	
5001670208	Ampharete acutifrons	4				50			
550202	Nuculidae	4				50			
6117	Copepoda	8				99			
61190902	*Hallectinosoma			4				50	
6119150199	+Paralaonhonte subterranea			4				50	
61192704	GEnhydrosoma	8				99			
6119270406	Enhydrosoma hopkinsi	32	6	4		398	75	50	
6119280402	Amphiascus minutus	20				249			
61192809	GStenhelia	48		16	10	597		199	124
61200602	Saphirella	4				50			

790102PS0500286 T.B

METOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	12				149			
3452140112	Quinqueloculina compta				4				50
3453380101	Bulliminea elegantissima			24	24			298	298
3453380199	?Bulliminea morgani	4			6	50			75
3453420109	Bolivina lowmani	56	8	64	18	696	99	796	224
3453420110	Bolivina striatula			12	14				149
3453670199	?Cibicides concentricus	8	4	8		99	50		99
3454250101	Ammonia beccarii	44	12	96	80	547	149	1193	994
3454300109	Elphidium gunteri			4				50	
3454610299	?Nonionella basiloba	8			2	99			25
46020101	Echinoderes				2				25
47030404	Parodontophora	13	4	8	6	162	50	99	75
47030501	Gleptolaimus			4				50	
470401	Linhosoidra	91	54	128	4	1131	671	1591	50
47040103	Gierschellinia	83	66	20	4	1032	820	249	50
47040301	GSphaerolaimus	4			4	50			50
47040403	GTheristus	83	21	100	26	1032	261	1243	323
47050305	Eubostrichus		4				50		
470510	Comesomatidae	4		4		50		50	
47051001	GDorylaimopsis	9		8	6	112		99	75
47051002	GSabatieria	61	178	224	22	758	2213	2784	273
47051004	Metacomosoma	87	137	28	18	1081	1703	348	224
47051005	Paracomosoma	9	4	20		112	50	249	
470511	Chromadoridae	4	4	8	20	50		99	249
470512	Cyatholaimidae	144	104	80	54	1790	1293	994	671
47051205	Neotonchus	9				112			
470513	Choniolaimidae		12	8	4		149	99	50
47060201	Desmoscolex			4				50	
47060202	Tricoma		4	4				50	
471103	Ironidae	4		4				50	
471114	Uncholaimidae	13		16	2	162		199	25
5001220201	Sigambra tentaculata		4				50		
61190902	*Hallectinosoma			4	6			50	75

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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
3450120499	?Lagenammina comprima		22				273		50
3450450199	+Textularia mexicana				4				50
3453380101	Buliminella elegantissima	6			4	75			199
3453380199	?Buliminella morgani		2	20	16		25	249	50
3453420109	Rolivina lowmani	4			4	50			50
3453460202	Rulimina marginata				4				50
3454250101	Ammonia beccarii	24	34	26	164	298	423	323	2039
34545202	GFursenkoia			2	12			25	149
46020101	Echinodere		2	2	4		25	25	50
47030404	GParodontophora								50
470401	Linhomoeidra	90	22	38	108	1119	273	472	1342
47040103	Gierschellingia	20	10	16	52	249	124	199	646
47040301	GSphaerolaimus	2		4	4	25		50	50
47040403	GTheristus	28	20	4	80	348	249	50	994
47050305	Eubostrichus	2	2			25	25		50
470505	Ceramonematidae		6		12	25	75		149
470510	Comesomatidae	2	18		12	99	224	50	149
47051001	GDorylaimopsis	8	48	4	12	721	597	721	895
47051002	GSabatieria	58	48	58	72	4			50
47051003	Cervonema				4				50
47051004	Metacomosoma	34	56	54	24	423	696	671	298
47051006	Laimella		2				25		50
470511	Chromadoridae	2		6	28	25		75	348
470512	Cyatholaimidae	12	12	18	212	149	149	224	2635
47051205	Neotonchus	6			4	75			50
470513	Choniolaimidae			2	4			25	50
47060202	Tricoma	2				25			50
47110901	GHalalaimus	4	4		8	50	50	25	99
5001600402	Mediomastus californiensis							25	
6119270406	Enhydrosoma hopkinsi							25	
6169260299	?Photis macromanus							25	

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MEIOFAUNA - TAXONOMY

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01/03/80

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	2				25			
3453380101	Buliminella elegantissima	2				25			
3453380199	?Buliminella morgani	2				25			
3453420109	Bolivina lowmani	6				75			
3453670199	?Cibicides concentricus	2				25			
3454250101	Ammonia beccarii	1	6	10	2	149	75	124	25
3454300109	Elphidium gunteri	2				25			
3454610299	?Nonionella basilloa	4				50			
3901	Turbellaria								
46020101	Echinoderes	4	2	2		50	25	25	
47	Nematoda								
47030401	GAxonolaimus	3			4	37			50
47030404	GParodontophora	8	8	2	10	99	99	25	124
47030703	GCamacolaimus		2				25		
470401	Linhomoeidra	82	36	2	18	1019	447	25	224
47040103	GTerschellinia	56	30	4	4	696	373	50	50
47040301	GSphaerolaimus				2		25		25
470404	Monhysteridae						25		
47040403	GTheristus	32	10	2	14	398	124	25	174
47040501	Siphonolaimus								
470510	Comesomatidae	8	2		4	99	25	25	50
47051001	GDorylaimopsis	5	10			62	124	25	
47051002	GSabatieria	61	60	20	56	758	746	348	696
47051004	Metacomosoma	74	54	22	32	920	671	273	398
47051005	Paracomosoma	5	6			62	75		
470511	Chromadoridae				2		99		25
470512	Cyatholaimidae	50	16	10	18	621	199	124	224
47051205	Neotonchus	11			2	137	25		25
470513	Chonitlaimidae						25		
47060201	Oesmoscolex								
47060202	Tricoma	8							25
47110901	GHalelaimus	3	2		2	99			
471114	Oncholaimidae					37	25		25
471199	?Enchelidiidae			4				50	
5001600402	Mediomastus californiensis	8	2		2	99	25		25
55	Bivalvia	2				25			
61190902	?Halectinosoma	2				25			
61192704	Genhydrosoma								
6119270406	Enhydrosoma hopkinsi								
61192809	GStenhelis	4				50			



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MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae	2				25			
3453380101	Buliminella elegantissima			8				99	
3453380199	?Buliminella mordani		2				25		
3453420109	Bolivina lowmani		2	4	88		25	50	1094
3453470199	?Cibicides concentricus			8				99	
3454250101	Ammonia beccarii		2	50	48		25	621	597
3454300109	Elphidium gunteri			2				25	
46020101	Echinoderes	2	2		14	25	25		174
47	Nematoda		2				25		
47030201	Campylaimus				2				25
47030404	GParodontophora	2	12	24	8	25	149	298	99
47030501	GLeptolaimus			4				50	
470401	Linhomoeidra	18		116	18	224		1442	224
47040103	GTerschellindia	24		64	12	298		796	149
47040301	GSphaerolaimus		2				25		
470404	Honhysteridae						25		
47040403	GTieristius	4	4	24	28	50	50	298	348
47050201	Microaimus			4	2			50	25
470510	Comesomatidae	2		4	4			50	50
47051001	GDorylaimopsis	2		4	4			50	50
47051002	GSabatieria	34	12	140	82	423	149	1740	1019
47051004	Metacomesoma	28	4	84	36	348	50	1044	447
47051005	Paracomesoma				8	25			99
470511	Chromadoridae	5	12		14	25	149		174
470512	Cyatholaimidae	12	12	36	88	149	149	447	1094
47051205	Neotonchus	42	2	4	4	522	25	50	50
470513	Choniolaimidae			12	4			149	50
47060201	Desmoscolex		2				25		
47060202	Tricoma		2				25		
471103	Ironidae				2				25
47110901	GHalalaimus	4		8	6	50		99	75
47110902	GNxystomina			4				50	
471114	Oncholaimidae		2		2		25		25
5001440109	Maqelona phyllisae			2				25	
5001600402	Mediomastus californiensis	4				50			
6117	Copepoda				2				25
61192704	Genhydrosoma	2			4	25			50
6119270406	Enhydrosoma hookinsi				10				124
61192809	GStenhelis	2		8	50	25		99	621

790103PE0500286 T.R

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	U/a
344501	Groniidae	4	12	48	20	50	149	597	249
3450120498	?Lagenammina difflugiformis			8				99	
3450120499	?Lagenammina comprima	172	36		4	2138	447		50
3450540102	Eggerella bradyi			4				50	
3452140116	Quinqueloculina sabulosa	4				50			
3453380199	?Buliminella morgani	20	8	16	24	289	99	199	298
3453420109	Bolivina lowmani	12		32	16	148		398	199
3453420110	Bolivina striatula		4	16			50	199	
3453460202	Bulimina marginata			12				149	
3453480299	?Trifarina bella				4				50
3453530101	Cancris sagra		4				50		
3453560104	Eponides antillarum			8				99	
3453670199	?Cibicides concentricus	28	8	72	8	348	99	895	99
34545202	GFursenkoina		4				50		
3454520299	?Fursenkoina complanata	16	4	8	4	199		99	50
3454610299	?Nonionella basiloba	344	44	124	128	4276	547	1541	1591
3901	Turbellaria	36	4			447			
46020101	Echinoderes	12	16	4		149	199	50	50
47	Nematoda				4	50			
470304	Axonolaimidae		8	4		99		50	
47030404	GPargodontophora		8	8		99		99	
470401	Linhomoeidra	12	28	4	16	149	348	50	199
47040103	GTerschellinia	12	4			149		50	
47040301	GSphaerolaimus	4				50			
47040403	GItheristus	24	40			248	497		
47050201	Microaimus	8	16	4		99		199	
470503	Desmodoridae	8	28			99	348		
47050305	Eubostrichus				4	4			50
470505	Ceramonematidae	24	16			298	199		
47050701	Richtersia	4	20		8	50	249		99
47051001	GDorsilaimopsis	44	12	8	20	547	149	99	249
47051002	GSabatieria	136	92		32	1690	1144		398
47051003	Cervonema	4	12			50	149		
47051004	Metacoenosema	4	4		4	50			50
470511	Chromodoridae	52	40	4	36	646	497	50	447
470512	Cyatholaimidae	48	32			597	398		
47051205	Neptonchus				4			50	
470513	Chonitolaimidae		4		4				50
47060201	Desmoscolex	8		4		99		50	
47060202	Tricoma	32	32			398	398		
471103	Ironidae		4				50		
47110901	GHalaimus		8				99		
47110902	GHystominae		8		4		99		50
471114	Oncholaimidae	16	4			199		50	
50014102	GAricidae	4	8			50		99	
5001600402	Mediomastus californiensis			4				50	
55	Bivalvia		4			99		50	
6117	Copepoda	12				149			
6119	Aharacticoidea		8			99		50	
611909	Ectinosomidae		8			99		99	
61190902	*Halectinosoma	28	36	4		348	447	50	
6119150703	Normanella confluens	4				50			
6119270102	Clethodes dissimilis	16	4			199		50	
6119270406	Enhydrosoma hopkinsi		4					50	
6119280402	Amphiascus minutus	12				149			
61192809	GStenhelia		16				199		
6119280903	Stenhelia nestigochaeta	12				149			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gramiidae		32	60				746	
3450120499	?Lagenamina comprima	48	56	26	20	597	398	746	249
3450250107	Reophax scottii			10			696	323	
3450450199	+Textularia mexicana	4	4			50	50	124	
3450540102	Eggenella bradyi	4		5		50		62	
3453380199	?Bulliminella morgani	124	16	139	8	1541	199	1728	99
3453420109	Bollivina lowmani	56	4	72	4	696	50	895	50
3453420110	Bollivina striatula	8	4			99	50		
3453460202	Bullimina marginata			5	4			62	50
3453480299	?Trifarina bella	8				99			
3453540699	+Discorbis nitida			5				62	
3453560104	Eponides antillarum		8	26	4		99	323	50
3453670199	?Cibicides concentricus	28	16	57		348	199	709	
3454250101	Ammonia beccarii			5				62	
3454520203	Fursenkoina pontoni	12		15		149		186	
3454520299	?Fursenkoina complanata	8	4	118		99	50	1467	50
3454610199	?Florilus atlanticus		12		12		149		149
3454610299	?Nontionella basiloba	688	56	1087	56	8552	696	13511	696
3703	Hydrozoa hydroida anthomedusae		8				99		
3901	Turbellaria	64		4		796		50	
46010101	Pycnophyes	4				50			50
46010102	Trachydemus		4		4		50		
46020101	Echinoderes				12				149
47	Nematoda	20				249			
470304	Axonolaimidae	4			8	50	149	149	99
47030404	GParodontophora	4	12	12	4	50			50
47030703	GCamecolaimus	4			4	50			
470401	Linhomoeidra	24	4	32	8	298	50	398	99
47040103	GTerschellingia			8				99	
47040301	GSphaerolaimus	12		4	4	149		50	50
47040403	GTieristus	8	36	60	12	99	447	746	149
47050201	Microtalamus	8	8	28	8	99	99	348	99
470503	Desmodoridae	8	4	4	4	99	50	50	50
470505	Ceremonematidae			4				50	
47050701	Richtersia	4	16	20	12	50	199	249	149
47051001	GDorylaimopsis	24	24	44	4	298	298	547	50
47051002	GSabatieria	44	36	84	124	547	447	1044	1541
47051003	Cervonema	4		4	4	50		50	50
47051004	Metacomesoma		4				50		
47051005	Paracomesoma				8				99
470511	Chromadoridae	48	28	40	84	597	348	497	1044
470514	Cyatholaimidae	24	16	12	16	298	199	149	199
470515	Choniolaimidae	4		4	4	50		50	50
47060201	Desmoscolex	28	4	16	4	348	50	199	50
47060202	Tricoma	4	8	20	28	50	99	249	348
471103	Tronidae			8				99	
47110901	GHalalaimus	12	8		8	149	99		99
47110902	GQxystomina			4				50	
471112	Enoplidae	8				99			
471114	Oncholaimidae	4			8	50			99
471199	?Enchelidiidae		4				50		
5001270104	Glyceria americana	4				50			
50014102	GAricidae				14				174
5001500307	Tharyx marioni		4		8		50		99
5001520103	Cossura delta								
5001600402	Mediomastus californiensis	4	4	8		50	50	99	
6117	Copepoda	8	4		4	99	50		50
61190902	*Halectinosoma		12		12		149		149
6119090301	Pseudobradya hirsuta			4	4			50	50
6119270102	Cletodes dissimilis	8			4	99			50
6119270406	Enhydrogona hopkinsi				4				50
611928	Diosaccidae		4		8		50		99
61192806	GRobertaurneya			4				50	
6119280903	Stenhelix mastigochaeta		4				50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	18	34	2	54	224	423	25	671
3450120498	?Legenemmina difflugiformis			8				99	
3450120499	?Legenemmina comprima	50	10	46	20	621	124	572	249
3450250107	Reophax scottii		2			25	25		
3450320401	Ammoscalaria pseudospiralis	2	2						25
3450450103	Textularia earlandi		4	2	2			25	0
3450450201	Bigenerina irregularis		4	2	2			25	25
3450540102	Eggerella bradyi		2					25	
345201	Miliolacea		2					25	
3453380199	?Buliminella morgani	14	25	22	50	174	273	273	621
3453420109	Bolivina loumani	4	16	6		50	199	75	
3453420110	Bolivina striatula		4		10	50	50		124
3453460202	Bulimina marginata	4	2	4	8	50	25	50	99
3453480299	?Trifarina bella		4	2	4	50	25	25	50
3453530101	Cancris sagra	2	4		2	25	50		25
3453540302	Epiatominella vitrea		2				25		
3453560104	Eponides antillarum	2		2		25		25	
3453670199	?Cibicides concentricus	6	20	42	90	75	249	52	1119
3454250101	Ammonia beccarii		2	4			25		
3454300109	Elphidium gunteri								75
3454520299	?Furcenkoia complanata		2		6		25	50	25
3454610199	?Florilus atlanticus		2	4	2		25	50	25
3454610299	?Nonionella basiloba	36	114	50	176	447	1417	621	2188
3901	Turbellaria			14				174	
43	Rhynchocoela		2				25		
46020101	Echinoderes		2		14		25		174
47	Nematoda	8				99			
470304	Axonolaimidae		6	2	6		75	25	75
47030404	GParadontophora				6				37
470401	Linhoeiidae	14	6	4	17	174	75	50	211
47040103	Cleaschellinoia	4	4		6	50	50		75
47040301	GSphaerolaimus	2			3	25			37
470404	Monhysteridae				6				75
47040403	GItheristus	6	10	6	19	75	124	75	236
47050201	Microaimus	6		8	22	75		99	273
470503	Desmodoridae				14			25	211
470505	Ceramoneematidae			2	17			25	174
47050701	Richtersia	4	12	14	19	50	149	174	236
470510	Comesonatidae				3			37	
47051001	GDorylaimopsis	16	14	4	8	199	174	50	99
47051002	GSabatieria	36	32	68	75	447	398	845	932
47051003	Cervonema		2	2	3	25	25	25	37
47051004	Metacoemesoma	22		4	14	273		50	174
47051005	Paracoemesoma		4	2			50	25	
470511	Chromadoridae	28	74	30	75	348	920	373	932
470512	Cyatholaimidae	6		6	11	75	25	75	137
470513	Choniolaimidae		2	2	3		25	25	75
47060201	Desmoscolex	2	2		6		25	25	37
47060202	Iricoma		4	4	36	25	50	50	447
471103	Irididae								
47110901	GHalaimus	4			19	50			236
47110902	GDxyxtonina	2				25			
471112	Enoplidae				3				37
471114	Oncholaimidae		2	2	2		25	25	99
50014102	GAricidea	6	2		2	75	25	25	50
5001500307	Itharyx marioni								25
5001520103	Cossura delta			2				25	
5001600402	Mediomastus californiensis	2				25			
5001670208	Ampharete acutifrons	2			2	25			25
50017001	GChone				2				25
61131902	GCytharomorpha				2				25
6117	Copepoda				6				75
611909	Ectinosomidae				4				50
61190902	*Halectinosoma	2			10	25			124
61192701	GCletodes				6				75
6119270102	Cletodes dissimilis		2				25		25
6119270104	Cletodes tenuipes								25
611928	Diosaccidae								25
6119280799	*Haloschizopera lunodi								25
6119281001	Typhlamphiascus lamellifer								25
61192903	GMesochra								25
6119310401	Diarthrodes dissimilis								25

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MEIOFAUNA - TAXONOMY

RLM286C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammina comprima	6		6		75		75	
3452140112	Guinqueloculina compta		4	2				25	
3453380199	?Bullimmina morgani		12		4		149		50
3453420109	Bolivina lowmani				4	75			50
3453560104	Eponides antillarum	6	4						
3453670199	?Cibicides concentricus			12	2	75	149		25
3454250101	Ammonia beccarii	6		2					
3454250109	Elphidium gunteri						25		
3454520299	?Fursenkoina complanata				2				25
3454610199	?Florilus atlanticus				2				25
3454610299	?Nonionella basiloba				2				25
3901	Turbellaria		18	20	48		224	249	597
46010101	Pycnophyes		2				25		
46020101	Echinoderes	6		4		75		50	
47	Nematoda		2				25		
470304	Axonolaimidae							25	
47030402	Godontophora	2		2		25		99	25
47030404	GPseudodontophora	2		2		25			25
470401	Linhomoeidae	8				99			174
47040301	GSphaerolaimus				14				25
47040403	CTheristus	8	16	8	20	99	199	99	249
47050201	Microleimus	2			4	25			50
470503	Desmodoridae						25		174
470505	Ceramoneumatidae						25		25
47050701	Richtersia	2		6		25	75		25
470510	Comesomatidae								25
47051001	GDorvleimopsis	4	4	14	4	50	50	174	50
47051002	GSabatieria	14	32	24	26	174	398	298	323
47051005	Metacomosoma		2	14		25	50		174
470511	Chromadoridae	14	6			25	75		
470512	Cyatholaimidae		2	28	40	174	298	348	497
470513	Choniolaimidae		14	4		174	174	50	
47060201	Desmoscolex	4		6	4	50	75	75	50
47060202	Tricoma								
471103	Tronidae			2		25		25	25
47110401	GAnticoma				1				149
47110401	GHalalaimus	2	6	4	10	25	75	50	124
47110402	GOxytomina						50		
471112	Enoplidae						25		
471114	Oncholaimidae			4		25	50		75
50012404	GNereis				6	25	50		
50014102	GAricidea			2		25			
5001600402	Mediomastus californiensis			2	16	75	50	25	199
55	Bivalvia		4				50		
6119	AHaropacticoidea								
61190902	*Halectinosoma			2				25	25
6119150703	Normanella confluens				2	25			25
6119270102	Cletodes distans			2	2	25		25	25
6119270406	Enhydrosoma hookinsi			2	2	25		25	25
6119280799	*Haloschizopera junodi						25		
6119281001	Typhlamphiscus lamellifer		8		6	50	99		25
61192903	GMesochra					50		25	75
6169260299	?Photis macromanus		10			50	124	25	25

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32		12	2	398		149	25
3450120499	?Lagenammina conprina	36	72	76		447	895	945	
3450120401	Ammoscleria pseudospiralis			4				50	
3453340199	?Hulimnella morgani	48	8	48	4	597	99	597	50
3453420109	Bolivina lowmani	4		8	2	50		99	25
3453420110	Bolivina striatula	4		4		50		50	
3453480299	?Trifarina bella	8	4	4	2	99	50	50	25
3453530101	Cancris sagra	4	4	4		50	50	50	
3453560104	Eponides antillarum			8				99	25
3453670199	?Cibicides concentricus	16	36		4	199	447		50
3454250101	Ammonia beccarii	4				50			
3454520203	Fursenkoina pontoni	4	4		2	99	50		25
3454520299	?Fursenkoina complanata			8				99	
3454610199	?Florilus atlanticus		4	4			50	50	
3454610299	?Nonionella basiloba	124	36	164	22	1541	447	2039	273
3703	Hydrozoa hydrozoa anthomedusae	8				99			
3901	Lurbellaria		28				348		
46010102	Trachydemus	8				99			
46020101	Echinoceris	16				199			
470304	Axonolaimidae		8	4			99	50	
470401	Linhomoeidra		4				50		
47040103	Gierschellinia	4		4	6	50		50	75
47040301	Csphaerolaimus	40	12	4	4	497	149	50	50
47040403	Cytheristus	8	4			99	50		
47050201	Microilaimus	32	4			398	50		
470503	Desmodoridae	8			4	99			50
470505	Ceramonematidae	20	4	8	4	249	50	99	50
47050701	Richtersia	8	16	12		99	199	149	
47051001	GDorylaimopsis	8				50			
47051003	Cervonema	12		8		149		99	
47051004	Metacoemesoma	32	40	24	6	398	497	298	75
47051005	Paracoemesoma	8	16	4		99	199	50	
470512	Chromadoridae		8				99		
470513	Cyatholaimidae	20	4		4	249	50		50
47060202	Tricoma		4		4	4	50		50
471103	Ironidae		4	4	4	4	50	50	50
47110901	Ghalalaimus	4		4		50			
471114	Oncholaimidae				2				25
50014102	GAricidea	16				199			
5001430502	Prionospio cirrifera	36	36	36	8	398	447	447	99
5001650202	Sabellaria vulgaris	4	8			298			
61190902	*Halectinosoma	4				50			
611915	Leopontidae	4				50			
611918	Ameiridae	4				50			
611927	Cletodidae	4	4			50	50		
6119270102	Cletodes dissimilis	4				50			
611928	Diosaccidae		8				99		
6119280402	Amphiscaea minutus		4				50		
6119280601	Robertavurneya rostrata	8				99			
6119280799	*Haleoschizopera junodi	4	8			50	99		
61192809	GStenhellia	4				50		99	
611928090101	Stenhellia longicaudata var. finmarchica	4	8			50			
6119281001	Typhlamphiscaea lamellifer			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae								
3450120499	?Lagenammina comprima	12	24	8	4	149	298	99	50
34501250107	Reophax scottii	264	16	8	20	3282	199	99	249
3450320401	Ammoscalaria pseudospiralis		4			50			
3453380199	?Ruliminella morgani	188	104	44	192	2337	1293	547	2387
3453420109	Bolivina lowmani			8	8			99	99
3453420110	Bolivina striatula	4				50			
3453460202	Bulimina marginata		4				50		
3453480299	?Trifarina bella		4				50		
3453530101	Cancris segra	4				50			
3453560104	Eponides antillarum	4		8		50		99	
3453670199	?Cibicides concentricus	4	12	8	8	50	149	99	99
3454520203	Fursenkoina pontoni	16	4			199	50		
3454520299	?Fursenkoina complanata				8				99
3454610199	?Florilus atlanticus	4		4		50		50	
3454610299	?Nonionella basiloba	312	392	20	164	3878	4873	249	2039
3901	Turbellaria	32			8	398			99
47	Nematoda		4		4		50		50
470304	Axonolaimidae	4	12			50	149		
47030404	GParodontophora	4				50			
47030703	GCamaeolaimus		4			50			
470401	Linhomoeidra	20	28	4	4	249	348	50	50
47040301	GSphaerolaimus			4	4			50	50
47040403	GTheristus	12	4		8	149	50		99
47040501	Siphonolaimus		4				50		
47050201	Microilaimus	4			8	50			99
470503	Desmodoridae	4				50			
47050305	Eubostrichus			4				50	
470505	Ceramonematidae		4					50	
470510	Comesomatidae				4				50
47051001	GDorylaimopsis	8	32	4	4	99	398	50	50
47051002	GSabatieria	60	44	16	16	746	587	199	199
47051006	Laimella		4				50		
470511	Chromadoridae	8		4	4	99		50	50
470512	Cyatholaimidae	12	44	16	48	149	547	199	597
47051205	Neotonchus	4				50			
470513	Choniolaimidae		12				149		
47060201	Desmoscolex	4			4	50			50
47060202	Tricoma	8		4	8	99		50	99
47110901	GHalalaimus				4				50
471112	Enoplidae	4				50			
50014102	GArpicides		8	4	8		99	50	99
5001520103	Cossura delta	4				50			
55	Bivalvia	4				50			
550202	Nuculidae			4				50	
61190902	*Halectinosoma	4				50			
6119150703	Normanella confluens	4				50			
6119270102	Cletodes dissimilis				4				50
6119270403	Enhydropoma unarticulatum	4				50			
6119280799	*Haloschizopera junodi	8				99			

790103Pw05002R6 T.R

MEIOFAUNA - TAXONOMY

HLM2B6C3

01/03/80

08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae	24	12	24	8	298	149	298	99
3450120499	?Lagenammina comprina	40	12	56	52	497	149	626	646
3450250107	Reophax scottii			4				50	
3450450199	*Textularia mexicana	4	4			50	50		
3450540102	Eggerella bradyi		4		4		50		50
345201	Miliolacea		4				50		
3453380199	?Bulliminea morgani	28	96	36	80	348	1193	447	994
3453420109	Bollivina lowmani	12	44	12	24	149	547	149	298
3453420110	Bollivina striatula				4				50
3453460202	Bulliminea marginata		16	4			199	50	
3453480299	?Trifarina bella		4	4			50	50	
3453530101	Cancris sagra		4	4	8		50	50	99
3453560108	Eponides antillarum		12	4			50	50	
3453670199	?Cibicides concentricus	44	116	76	24	547	1442	945	298
3454520203	Fursenkoina pontoni		12		4		149		50
3454520299	?Fursenkoina complanata		8		4		99		50
3454610199	?Florilus atlanticus	4		4	4	50		50	50
3454610299	?Nonionella basiloba	236	628	52	432	2933	7806	646	5370
3901	Turbellaria				12				149
43	Rhynchocoela		4				50		
46020101	Echinodermes		16		4		199		50
47	Nematoda			4				50	
470304	Axonolaimidae	4	12			50	149		
47030402	GDontophora	4	4			50	50		
47030404	GParodontophora			4	4			50	50
470305	Leptolaimidae	4				50			
470401	Linhomoeidae	32	16	4	16	398	199	50	199
47040103	Gierschellinia	12		8	4	149		99	50
47040803	GTheristus	32	20		32	398	249		398
47050201	Microloaimus	4	8		8	50		99	99
470503	Desmodoridae		12	4			149		50
47050305	Eubostrichus	4			4	50			50
470505	Ceramnematidae		8				50		
47050701	Richtersia	4	4	4	12	50		50	149
470510	Comesomatidae		4				50		
47051001	GDorylaimopsis	28	4	40	24	348		497	298
47051002	GSabatieria	60	84	56	72	746	1044	696	895
47051003	Cervonema		8				50		
47051004	Metacomosoma	16	8			199			99
47051005	Paracomosoma		4		4		50		50
470511	Chroadoridae	52	104	16	60	646	1293	199	746
470512	Cyatholaimidae	16	24	8	44	199	298	99	547
47051205	Neotonchus				8				99
470513	Choniolaimidae		16				199		
47060201	Dessioscolex		16		4		149	50	50
47060202	Tricoma	4	28	8	4	50	348	99	
47110901	GHalsiainus	4	12			50	149		
47110902	GUXystomina				4				50
471114	Gnatholaimidae		12	4	20		149	50	249
5001100302	Pseudeurythoe ambigua		4				50		50
50012102	GArctidea		4	8	4		50	99	50
5001520103	Cossura delta				4				50
5001600402	Medionastus californiensis	4				50			
61190902	*Halectinosoma		4				50		50
6119270406	Enhydrosoma hopkinsi						50		
611928	Dioseccidae				8				99
6119280402	Amphiascus minutus				4				50



Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Groniidae	40	12	44	24	497	149	547	298
3450120499	?Lagenammina comprima	20	8	12	4	249	99	149	50
3450250107	Reophax scottii				4				50
3450320401	Ammoscalaria pseudospiralis		4				50		
3450450201	Bigennerina irregularis				8				99
345201	Mittolacea	8	4	8	4	99	50	99	50
3453380101	Hulliminella elegantissima				4				50
3453380199	?Hulliminella morgani		20	4	68		249	50	845
3453420109	Bollivina lowmani	36	32	12	308	447	398	149	3828
3453420110	Bollivina striatula	12				149			
3453420199	*Bollivina simplex	4				50			
3453460202	Bollivina marginata		8		4		99		50
3453480299	?Trifarina bella			4	4			50	50
3453530101	Cancris saera	4				50			
3453540699	*Discornis nitida				8				99
3453560104	Eponides antillarum		4				50		
3453670199	?Cibicides concentricus	44	60	60	68	547	746	746	845
3454250101	Ammonia beccarii				4				50
3454300109	Elphidium gunteri	4				50			
3454520203	Fursenkoina pontoni				4				50
3454520299	?Fursenkoina complanata	4			28	50			348
3454610199	?Flonitius atlanticus	8	4			99	50		
3454610299	?Nontionella basiloba	408	104	48	472	5071	1293	597	5867
3514	Ciliatea holotrichia			16				199	
3599999999	?Prorodon marinus			4				50	
3901	Jurbellaria		4				50		
46020101	Echinoderes	12		8	4	149		99	50
47	Nematoda	12	8			149	99		
470304	Axonolaimidae	8			8	99			99
47030402	Gidontophora	12	4	8	4	149	50	99	50
47030404	GParodontophora								
470305	Leotolaimidae				4				50
47030703	GCamacolaimus				4				50
470401	Linhomoeidae	24	24	16	24	298	298	199	298
47040103	Gterschellingia	4				50			
470404	Monhysteridae				4				50
47040403	Gtheristus	12	40	20	12	149	497	249	149
47040404	Amphimonhystera				4				50
47040407	Xyala		4				50		
47050201	Microilaimus	40		20	12	497		249	149
470503	Osmodoridae	32		16	8	398		199	99
47050305	Eubostichus				4				50
470505	Ceramonematidae	8	4			99	50		
47050701	Richtersia	16	16	8	12	199	199	99	149
47051001	GDorylaimopsis	12	8	4	8	149	99	50	99
47051002	GSabattiera	80	36	52	44	994	447	646	547
47051003	Cervonema	8		4		99			50
47051004	Metacomesoma			8					99
47051005	Paracomesoma	4				50		99	199
470511	Chromadoridae	120	128	128	72	1492	1591	1591	895
470512	Cyatholaimidae	20	16	8		249	199	99	
47051205	Neotonchus	4				50			
470515	Chonizalaimidae		4				50		
47060202	Tricoma	12	8	4		149	99	50	
471103	Ironidae	4				50			
47110401	GAnticoma	4	4	4		50	50	50	
47110901	GHalalaimus	40	8	20		497	99	249	
47110902	GOxystomina			4				50	
471114	Oncholaimidae	8	4	12		99	50	149	
471199	?Enchelidiidae	12				149			
5001310113	Lumbrineris tenuis				4				50
50014102	Arctiidae	4				50			
5001600402	*Mediomastus californiensis				12				149
500170	Sabellidae			4				50	
551547	Veneridae	4				50			
551702	Corbulidae			4				50	
6119	Amarpacticoida	12				149			
611909	Ectinosomidae	4		12		50		149	
61190902	*Halectinosoma	16				199			
6119150103	Paralaophonte pacifica	4				50			
611918	Ameiridae	32				398			
6119270102	Cletodes dissimilis	4				50			
6119270406	*Enhyosoma hopkinsi								50
61192903	Meosochra			4					50

790104PE0500286 T.B

MEIOFAUNA - TAXONOMY

BLM2R6C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gramiidae								
3450120499	?Lagenammina conprina	4	6	4	12	50	75	50	149
3450320401	Ammoscalaria pseudospiralis				4				50
3450450201	Stigenerina irregularis				8				99
345201	Stilolacae								
3453380199	?Bullimmina morgani	2	4		20	25	50		249
3453420109	Bullimmina lowmani		4		24		50		298
3453670199	?Cibicides concentricus	2	40	2	156	25	497	25	1939
3454610299	?Nontionella basiloba	2			4	25			50
3901	Turbellaria				12				149
47040103	Gterschellingia		2				25		
470503	Desmodoridae				4				50
47050305	Euboastrichus				4				50
47051001	Gorythaimopsis			6	24			75	298
47051002	Sabatieria		2	24	12		25	298	149
47060202	Tricoma				4				50
5001	Polychaeta			2				25	
5001520103	Cossura delta		2				25		

790104PE20002H6 T.4

MEIOFAUNA - TAXONOMY

RLM2R6C3

01/03/80

08:39:33

Code	Organism name	A	B	C	D	A/a	H/a	C/a	O/a
344501	Gromiidae								
3450120498	?Lagenammina difflugiformis	26	42	20	32	323	522	249	398
3450120499	?Lagenammina comprina	2	6		2	25	75		25
3450250107	Keopanax scottii			6	40			75	497
3450450201	Rigenerina irregularis			2				25	
3453380109	?Buliminella morgani	2	6	4	132	25	75	572	1041
3453420109	Holivina lowmani	2	4		10	25	50		124
3453420110	Holivina striatula				2				25
3453480299	?Trifarina bella				2				25
3453560104	Eponides antillarum				2				25
3453670109	?Cibicides concentricus	18		10		224		124	50
3454250101	Ammonia beccarii								
3454520203	Fursenkoina pontoni		2				25		
3454520209	?Fursenkoina complanata			4	20			50	249
3454610199	?Florilus atlanticus			2				25	
3454610299	?Nonionella basiloba	2	6	32	138	25	75	398	1715
46010102	Trachydemus		2		2		25		25
470304	Axonolaimidae				4				50
470401	Linhomoeidae								25
47040301	GSphaerolaimus			2					50
47040403	GTheristus			2	4				25
47050305	Eubostrichus				2				50
470505	Ceramonematidae								25
47051001	GDorylaimopsis			2					75
47051002	GSabotieria		2						25
470513	Cyatholaimidae			16	18		25	199	224
470515	Chonolaimidae		2		2			124	25
47110901	GHalalaimus								50
50014102	GAricidea								25
6120060199	?Hemicyclops americanus								25

790104PN0500286 T.8

MEIOFAUNA - TAXONOMY

BLM286C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		28	6	8		348	75	99
3450120498	?Lagenemmina difflugiformis	16			2	199			25
3450120499	?Lagenemmina comorina	12	20	2		149	249	25	
3450250107	Reophax scottii				2				25
3450450199	+Textularia mexicana	8				99			
3450450201	Bilgerina irregularis						50		
345201	Milfolacea		4				50		
3453030908	Lagena striata		4				50		
3453380199	?Bullinella morpani	92	176	12	4	1144	2188	149	50
3453420109	Bolivina lowmani	112	52	14	22	1392	646	174	273
3453480299	?Trifarina bella	4	4			50	50		
3453530101	Cancris sagra	4	8			50	99		
3453560104	Eponides antillarum				6				75
3453670199	?Cibicides concentricus	44	80	40	58	547	948	497	721
3454250101	Ammonia beccarii		12				149		
34545202	Fursenkoina	8				99			
3454520203	Fursenkoina pontoni		8				99		
3454520299	?Fursenkoina complanata		4				50		25
3454610299	?Nonionella basiloba	16	220	18	4	199	2735	224	50
3901	Turbellaria	20				249			
46020101	Echinoderm		4				50		
47030703	Camacoleimus				2				25
470401	Linhombedra				2				25
47040103	Gierschallinda		32		2		398		25
47040103	Gierciatus		12		2		149		25
47040201	Microleimus		28				348		
470501	Desmodoridae		8		2		99		25
470505	Eubostriachus		4				50		
47051001	Garyaliandais		4		6	50	50		75
47051002	CSabatieria	4	88	20		50	1044	249	
470511	Chromadoridae		8				99		25
470512	Cyatholaimidae		8		2		99		
470513	Choniolaimidae		8		2		99		25
47060201	Desmoscolex				2				25
47060202	Tricoma		24				298		25
47110901	Malacalaimus		8		2		99		
471114	Oncholaimidae	4				50			
5001410201	Aricidea suecica		4				50		
5001410301	Parsonia gracilis				2				25
5001520103	Cossura deite				2				25

790104PN20002B6 T.d

MEIOFAUNA - TAXONOMY

RLM246C3

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Code	Organism name	A	H	C	D	A/a	H/a	L/a	O/a
344501	Gromiidae								
3450120499	?Lagenammia comprina		10	12	4		124	149	50
3450250107	Reophax scottii	32		12	52	398		149	646
3450450201	Rigenerina irregularis			4				50	
3453360199	?Buliminella morgani			2					25
3453420109	Holivina lowmani	104	4	82	78	1293	50	1014	970
3453420110	Holivina striatula	40	6	7		497	75	25	
3453440202	Rulimina marginata	4				50			
3453670199	?Cibicides concentricus			4	4			50	50
3454250101	Ammonia beccarii		6				75		
3454300109	Elphidium qunteri			2				25	
3454520203	Fursenkoina pontoni			2				25	
3454610199	?Florilus atlanticus			2				25	
3454610299	?Nonionella basiloba			44	10	698		547	124
3901	Turbellaria	56			12	447			149
46020101	Echinoderes	36				50			
47	Nematoda	4				149			
470304	Axonolaimidae	12				149			
47030404	GParodontophora	17		10	4			124	50
470401	Linhomoeidae	8		4		99		50	
47040103	Cierachellinidae	20		2	16	249		25	199
47040301	Sphaerolaimus			4				50	
47040403	Gibberistius			6				75	
47050201	Microaimus	16		4	12	199		50	149
470503	Desmodoridae	12				149			
47050305	Eubostrichus	4				50			
470505	Ceramonematidae	12				149			
47050701	Richtersia	4			4	50			50
47051001	GPhryllaimopsis	4		4		50			
47051002	GSabellia	8		4		99		50	
47051006	Laimella	44	2	46	36	547	25	572	447
470511	Chromadoridae	4				50			
470512	Cyatholaimidae	20		2	4	249		25	50
470513	Choniolaimidae	40		2	100	497		248	1243
47060201	Desmoscolex			5				25	
47060202	Tricoma	28		5		348		25	
47110901	Chalalaimus	4				50			
47110902	Cuxystomina			2				25	
471114	Oncholaimidae				4				50
50014102	Garicidae			2		50		25	
8119150783	Ormanella confluens	4				50			
8119270401	Chytrosoma longifurcatum	4			4				50
8119280799	Haloschizocera junoni					50			
81192809101	Stenella longicauda var. tinianica	4		2					25

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae		2	16					
3450120499	?Legumina compressa	32			4	398	25	199	50
3450250107	Keopax scottii							25	
3453380199	?Bullimella morgani	26	10	12		323	124	149	
3453420109	Bolivina lowmani					50			
3453560104	Eponides antillarum	4				50			
3453670199	?Cibicides concentricus	6	10	12		75	124	149	
3454520203	Fursenkoina pontoni	6				99			
3454610299	?Nonionella basiloba	5	2	4	8	601	25	50	99
3901	Turbellaria	5				98			
47030404	GParodontophora					50		25	
470401	Linhoelebra	12				149		25	
47040103	GTaschellinia	4				50			
47040301	GSphaerolaimus	4		6		50		75	
47040403	Gtheristus	6	2	2		75	25	25	
47050201	Microilaimus	4				50			
470505	Ceratonematidae								25
47051001	GDorylaimopsis	10				124		25	
47051002	GSabatieria	10	10			273	124	273	
470512	Cyatholaimidae	10				124		447	
470513	Chonilaimidae		2			99	25		
47060202	Tricoma								
50014102	Garicidae		2				25		
611928090101	Stenhellia longicaudata var. finmarchica			2				25	

790104PS2000286 T.A

MEIOFAUNA - TAXONOMY

PLM2B6C3

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groniidae		2	16			25	194	25
3450120499	?Lagenamina comprina	2			2	25			25
3453380199	?Buliminella morgani	18		12	10	224		149	124
3453420109	Bollivina lowmani	12	4		6	149	50		75
3453460202	Bulimina marginata		2				25		
3453560104	Eponides antillarum			2				25	
3453670199	?Cibicides concentricus			12				149	
3454610199	?Florilus atlanticus			2				25	
3454610299	?Nonionella basiloba	6	2	2	18	75	25		224
3901	Turbellaria	1				149			
470401	Linhomoeidae			6	2	25		75	25
47040103	Gierschellinia				2	25			25
47040301	GSpaerolaimus					25			
47040403	GTheristus		2		4		25		50
470503	Desmodoridae				2	99			25
47051001	GChorvaimopsis	8	2	2	2	50	25	25	25
47051002	GSabatieria	6		12	4	75		174	50
470512	Cyatholaimidae			2	4	25			50
470513	Chonolaimidae			4					
5001250115	Nephtys incisa					25			
50014102	GArctidea					25			

790104Pw05002b6 T.H

MEIOFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	80		12	14	994		149	174
3450120498	?Lagenammina difflugiformis	8				99			
3450120499	?Lagenammina comprima	36		20		447		249	
3450250107	Reophax scottii	4				99			
3450450201	Bigenerina irregularis	4				50			
3453380199	?Bulliminea morgani	96		52		1193		646	25
3453420109	Bulliminea lowmani	12			2	149			
3453550101	Cancris sacra	8		16		99		199	
3453560104	Eponides antillarum			4				50	
3453670199	?Cibicides concentricus	32		16	14	394		199	174
3454520203	Fursenkoina pontoni	8				99			
3454610199	?Florilus atlanticus	4		20		50		249	
3454610299	?Nonionella basiloba	208		4		2585		50	
3703	Hydrozoa hydrnida anthomedusae			4				50	
3901	Turbellaria		8				99		
46010102	Trachydemus	4				50			
470304	Axonolaimidae	8				99			
47030404	Parodontophora	8				99			
470401	Linhomoeidae	4		4		50		50	
47040403	GTheristus	8				99			
470503	Desmodoridae			4				50	
47050305	Euboastrichus	4				50			
470505	Ceramonematidae			4				50	
47051001	GDorvlainopsis	4				50		50	
47051002	GSabatieria	60		40	2	746		497	25
470511	Chromadoridae	4				50			
470512	Cyatholaimidae	16		72		199		895	
47060501	Desmoscolex	4				50			
47060202	Tricoma	8				99			
47110901	GHalalaimus	16				199			
50014102	GAricidea	4		4		50		50	
6120060199	?Hemicyclops americanus	4				50			



790104P.47000266 T.H

MEIOFAUNA - TAXONOMY

RLM286C3

01/03/80

08:39:33

Code	Organism name	A	R	C	D	A/a	B/a	C/a	O/a
344501	Gromiidae		6	12	8		75	149	99
345012049A	?Lagenammina difflugiformis			8				99	
3450120499	?Lagenammina conprina		4	34			50	423	
3450250107	Neophax scottii			2				25	
3453380199	?Bulliminella morgani		28	74	12		348	920	149
3453420109	Bollivina lowmani			4				25	
3453480299	?Trifarina bella			4				50	
3453530101	Cancris sahra			2				25	
3453560104	Eponides antillarum		2				25	298	
3453670199	?Cibicides concentricus		24	24			25	149	
3454520203	Fursenkoina pontoni		2	12				50	
3454520299	?Fursenkoina complanata			4				174	
3454610199	?Florilus atlanticus			14				423	
3454610299	?Nonionella basiloba		4	34	2		50		25
3901	Turbellaria	10				124			
43	Rhynchocoela			2				25	
46020101	Echinoderes			4				50	
47030201	Campylaimus			2				50	
470304	Axonolaimidae			4				50	
47030404	GParodontophora		4	2			50	25	
470401	Linhomoeidae		4	14				174	
47040403	GTheristus		4	4				50	
47040501	Sichonolaimus		4					50	
47050201	Microaimus		2	4				25	
470503	Desmodoridae		2	10				25	
47050305	Eubostriachus			2		2		124	
470505	Ceramonematidae			10				124	25
47051001	GDorylaimopsis		10				124		
47051002	GSabatieria		10	48			124	547	
470511	Chromadoridae			4				50	
470512	Cyatholaimidae		4	18				224	
470513	Choniolaimidae		4					50	
47060201	Oesmoscolex		2					25	
47060202	Tricoma			6					75
47110901	GHalalaimus			4				50	
5001520103	Cossura delta			10				124	
5001600402	Mediomastus californiensis			4				50	
61190902	*Halictinosoma		2				25		
61192701	GCletodes			2				25	
6119280749	+Haloschizopera junodi			2				25	
611928090101	Stenhetella longicaudata var. finmarchica			2				25	

790121C	286 1.H	MEIOFAUNA - TAXONOMY	BLM2B6C3	01/03/80	08:39:33							
Code	Organism name			A	B	C	D	A/a	B/a	C/a	D/a	
344501	Gromiidae						6				75	
3450120499	?Leoenammina comorima			14			8	174			50	
3450250107	Reophax scottii			2			25	25			25	
3450450103	Textularia earlandi						25				50	
3450450201	Bigenerina irregularis			2			8	25			25	
3453380199	?Buliminella morgani			32	16	2	8	398	199	25	99	
3453420109	Bolivina lowmani			34	14	4	40	423	174	50	497	
3453460202	Bulimina marginata			2			2	25			25	
3453670199	?Cibicides concentricus			28	2		8	348	25		99	
3454250101	Ammonia beccarii			2	18	4	32	25	224	50	398	
3454300109	Euphidium gunteri			2				50				
3454520203	Fursenkoina pontoni			4				75				
3454520299	?Fursenkoina complanata			6				75				
3454610199	?Florilus atlanticus			6				75				
3454610299	?Nonionella basiloba			48				597				
3901	Turbellaria						2				75	
47030404	GParodontophora				2				25		25	
47030501	GLeptolaimus						2				25	
470401	Linhomoeidra			10		2	12	124		25	149	
47040103	GTerschellinia				6		4		75		50	
47040301	GSphaerolaimus			4				50				
47040403	GTheristus			8	8	14	14	86	99	174	174	
47050201	Microloaimus			2				25				
470503	Desmodoridae						2				25	
47050301	GMetachromadora				10				124			
47050305	Euboastrichus						4				50	
470505	Ceremonematidae			2				25				
470510	Comesonematidae						2				25	
47051001	GDarylaimopsis			18	2		10	224	25	199	124	
47051002	GSabatieria			44	6	16	36	587	75	249	487	
47051004	Metacomosoma			6		14	12	75		174	149	
470512	Cyatholaimidae			18		8	10	224		99	124	
47051205	Nectonchus			2		2		25		25		
470513	Choniolaimidae							75				
47060201	Desmoscolex							25				
5001220201	Sigambra tentaculata				2			25	25			
50014102	GAlricidea			2				25				
5001600402	Mediomastus californiensis						2				25	
55	Rivalvia						2				25	
61190902	*Halectinosoma						2				25	

790122C	286 T.H	MEIOFAUNA - TAXONOMY	BLM2R6C3	01/03/80	08:39:33							
Code	Organism name			A	B	C	D	A/a	H/a	C/a	D/a	
344501	Groniidae			4	2		8	50	25			99
3450120499	?Lagenammina comprima			6			24	75				298
3450450201	Bigenerina irregularis			8				99				
3453380199	?Buliminella morgani			12	10	12	44	149	124	149		547
3453420109	Bulimina lowmani			12	6		8	149	75			99
3453460202	Bulimina marginata						4					50
3453670199	?Cibicides concentricus			4	2		20	50	25			249
3454250101	Ammonia beccarii			22	10	10	164	273	124	124		2039
3454300109	Elphidium gunteri			2				25				25
3454610299	?Nonionella basitoba					2	36					447
47030404	GParodontophora					2	4					25
470401	GInhomoeidra			18	2	18	12	224	25	224		149
47040103	Gierschellingia			10		10	12	124		124		149
47040301	GSphaerolaimus			2			4	25				50
47040403	GTheristus			14	20	24	44	174	249	298		547
47050201	Microlaimus						8					99
47050305	Eupostrichus			6	4		12	75	50			149
470505	Ceramonematidae					2						25
470510	Comesomatidae				2							25
47051001	GOrvylaimopsis			16	10	16	20	199	124	199		249
47051002	GSebatieria			24	20	26	52	298	249			323
47051004	Metacomesoma			26		24	4	323				646
47051006	Laimella				2	2						25
470512	Cyatholaimidae				4	16	8		50	199		99
47051205	Neotonchus						4					50
470513	Chonolaimidae			4	2		8	50	25			99
47060201	Desmoscolex					2						25
47110901	GHalalaimus						12					149
471114	Oncholaimidae						4					50
5001220201	Sigambra tentaculata				2					25		25
5001250115	Nephtys incisa					2						25
5001310113	Lumbrineris tenuis				2					25		25
50014102	GArctidea			2		2		25		25		25
5001600402	Mediomastus californiensis				6			25		75		75
55	Bivalvia							25				25
6119281001	Typhlamphiascus lamellifer							50				50
6120	ACyclopoidea							25				25

790123C 286 1.8 MEIOFAUNA - TAXONOMY BLM2B6C3

01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	2		8		25		99	
3450120499	?Lagenammia combrina		2				25		
3453380199	?Suliminella morgani	14		8	2	174		99	25
3453420100	?Sollvina lowmani				2		25		25
3453480299	?Trifarina bella		2				25		
3453560104	?Eponides antillarum	2				25			
3453670199	?Cibicides concentricus		12	16			149	199	
3454300109	?Elphidium gunteri	4				50			
3454610299	?Nonionella basiloba			6	2			75	25
3901	Turbellaria		10		2		124		25
47030703	GCamacolaimus	2				25			
47040403	GTheristus				6				75
47050305	Eubostriechus	2				25			
47051001	GDorylaimopsis	2			4	25	75	25	50
47051002	GSabatieria	4	4	2		50	50	25	25
470513	Choniolaimidae			2				25	
50014102	GAricidea	2				25			
5001520103	Cossura delta		2				25		
61190902	*Halectinosoma	4				50			
6120010312	Oncaea venusta	2				25			

790124C 286 I.B MEIOFAUNA - TAXONOMY BLK2B6C3

01/03/80 08:39:35

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Groeniiidae	14	2	6		174	25	75	
3450120499	?Lagenammia comprima	4		2	8	50		25	90
3450450201	Bigenerina irregularis	16	2	2	2	199	25	75	25
3450540102	Eggerella bradyi			2				25	
3453380101	Bulliminella elegantissima	2		4		25		50	
3453380199	?Bulliminella morgani	2		6	6	25	124	75	75
3453420199	Bolivina lowmani		10	6					
3453470199	?Cibicides concentricus	4				50			
3454250101	Ammonia beccarii	54	10	68	2	671	124	845	25
34545202	GFursenkoina	6		2		75		25	
3454520203	Fursenkoina pontoni			2				25	
3454520299	?Fursenkoina complanata			2				25	
3454610299	?Nonionella basiloba	6		2		75		323	
3703	Hydrozoa hydroida anthomedusae		2				25		
3704	Hydrozoa hydroida leptomedusae			2				25	
46010102	Trachydemus				4				50
46020101	Echinoderes	2			2	25			25
47	Nematoda								
470304	Acanthoaimidae	4				50			
47030404	GParodontophora		2	2	2		25	25	25
470401	Linhomoeidra	18	8	24	12	224	99	298	149
47040103	GIerschellinia	4		16	4	50		199	50
47040301	GSphaerolaimus	2			2	25			25
470404	Monhysteridae	18	8	16	20	240	99	199	249
47040403	GTheristus	4			2	50			25
47050201	Microlaimus	2				25			
470503	Desmodoridae	16		4	2	199		50	25
47050305	Eubostrichus	2				25			
470510	Comesomatidae	2				25			
47051001	GOnyliamopsis	6	20	4	40	75	249	50	497
47051002	GSabatieria	28	4	20	24	348	50	249	298
47051004	Metacoenosea	8	8	8	10	99	99	99	124
47051006	Laimella	4				50			
470511	Chromadoridae			2				25	
470512	Cyatholaimidae	4	4	6	8	50	50	75	99
47051205	Neotonchus					25			
470513	Choniolaimidae				4	50	50	50	50
47060201	Desmoscolex			4	4	50	50	50	50
47060202	Tricoma	12	4	6	4	149	50	75	
47110901	GHalalaimus	10	2	4	4	124	25	50	50
47110902	GOxytominia	2				25			
471114	Uncholaimidae				2				25
50014102	GAricidae			6	2			75	25
5001520103	Cossura delta	2	2			25	25		
61191102	Peltidium								
6119280799	+Haloschizonera junodi	2		4		50		50	
6119281001	Typhlamphiascus lamellifer			4		50		50	
6120	ACyclopoida	2				25			

**SPECIES DIVERSITY AND EVENNESS**  
**MEIOFAUNA**

## SPECIES DIVERSITY AND EVENNESS - METEORFAUNA - CRUISE 1

Label		# Spe.	# Ind.	S-W	Pielou	Heip
780501PF0500286	T-B	45	1323	2.28	.599	.200
780501PE2000286	T-B	58	942	2.62	.645	.223
780501PN0500286	T-B	62	1451	2.95	.690	.267
780501PN2000286	T-B	60	1689	3.58	.631	.207
780501PS0500286	T-B	46	517	2.71	.708	.312
780501PS2000286	T-B	48	1307	2.43	.551	.158
780501PW0500286	T-B	57	2809	2.00	.494	.114
780501PW2000286	T-B	47	2971	1.65	.428	.091
780502PE0500286	T-B	78	971	2.99	.685	.244
780502PE2000286	T-B	61	1348	2.83	.689	.267
780502PN0500286	T-B	75	438	3.19	.740	.316
780502PN2000286	T-B	65	2282	3.26	.734	.298
780502PS0500286	T-B	71	1526	3.18	.745	.328
780502PS2000286	T-B	66	1938	3.81	.670	.240
780502PW0500286	T-B	59	474	2.55	.625	.203
780502PW2000286	T-B	60	489	3.08	.752	.351
780503PE0500286	T-B	92	1172	3.77	.615	.185
780503PE2000286	T-B	83	835	2.75	.623	.179
780503PN0500286	T-B	87	1116	1.95	.440	.071
780503PN2000286	T-B	61	261	3.07	.748	.344
780503PS0500286	T-B	83	1319	2.65	.599	.160
780503PS2000286	T-B	42	1458	1.42	.380	.077
780503PW0500286	T-B	85	1627	2.49	.560	.131
780503PW2000286	T-B	75	2004	2.20	.509	.108
780504PE0500286	T-B	59	3052	2.63	.644	.221
780504PE2000286	T-B	54	1444	2.03	.509	.125
780504PN0500286	T-B	54	1384	2.81	.655	.239
780504PN2000286	T-B	60	1446	2.35	.574	.160
780504PS0500286	T-B	53	1393	2.37	.596	.186
780504PS2000286	T-B	59	1792	2.42	.593	.177
780504PW0500286	T-B	62	1351	2.50	.607	.184
780504PW2000286	T-B	62	1824	2.63	.638	.212
780521C	T-B	50	2368	1.95	.499	.123
780522C	T-B	79	3273	1.95	.447	.077
780523C	T-B	50	500	1.97	.504	.126
780524C	T-B	46	558	2.80	.731	.342

## SPECIES DIVERSITY AND EVENNESS - MEIOFAUNA - CRUISE 2

Label		# Spe.	# Ind.	S-W	Pielou	Heip
780801PE05002B6	T.B	36	570	2.46	.687	.306
780801PE20002B6	T.B	37	600	2.37	.656	.269
780801PN05002B6	T.H	31	238	2.07	.602	.230
780801PN20002B6	T.H	34	145	2.41	.758	.440
780801PS05002B6	T.B	34	116	2.26	.710	.372
780801PS20002B6	T.B	33	342	2.41	.709	.347
780801PW05002B6	T.B	31	241	2.41	.689	.316
780801PW20002B6	T.B	35	351	2.16	.608	.226
780802PE05002B6	T.B	37	244	2.30	.637	.249
780802PE20002B6	T.B	36	368	2.35	.656	.271
780802PN05002B6	T.H	40	191	2.36	.639	.245
780802PN20002B6	T.B	39	262	2.33	.637	.245
780802PS05002B6	T.B	34	198	2.20	.631	.237
780802PS20002B6	T.H	39	425	2.30	.629	.237
780802PW05002B6	T.B	34	178	2.33	.659	.260
780802PW20002B6	T.B	34	204	2.33	.643	.263
780803PE05002B6	T.B	58	1204	2.88	.864	.088
780803PE20002B6	T.B	48	1401	1.99	.514	.134
780803PW05002B6	T.H	70	814	2.48	.584	.159
780803PW20002B6	T.H	57	991	1.65	.408	.075
780803PS05002B6	T.B	43	202	2.46	.653	.254
780803PS20002B6	T.B	26	663	1.46	.448	.132
780803PW05002B6	T.B	56	1109	2.16	.538	.140
780803PW20002B6	T.B	35	1172	1.77	.497	.143
780804PE05002B6	T.B	57	2064	1.15	.273	.156
780804PE20002B6	T.H	57	1189	2.28	.644	.157
780804PW05002B6	T.B	57	2188	2.28	.644	.157
780804PW20002B6	T.B	53	1587	1.83	.460	.100
780804PS05002B6	T.B	56	2241	1.33	.333	.169
780804PS20002B6	T.B	57	3485	2.01	.498	.116
780804PW05002B6	T.B	48	1979	2.15	.555	.161
780804PW20002B6	T.H	48	1351	2.09	.541	.151
780805SN05002B6	T.H	27	269	2.02	.614	.255
780805SN20002B6	T.H	30	646	1.98	.581	.214
780806SN05002B6	T.B	12	22	1.19	.082	.072
780806SN20002B6	T.B	12	41	2.00	.781	.224
780807SN05002B6	T.B	56	409	1.50	.336	.159
780807SN20002B6	T.B	34	1148	1.33	.378	.085
780808SN05002B6	T.B	22	1105	1.15	.172	.103
780808SN20002B6	T.H	25	496	1.42	.442	.131
780809SN05002B6	T.H	24	59	2.17	.683	.337
780809SN20002B6	T.B	43	390	2.78	.739	.360
780810SN05002B6	T.B	60	864	2.78	.678	.256
780810SN20002B6	T.H	43	268	2.73	.726	.322
780811SN05002B6	T.B	51	1492	1.57	.658	.242
780811SN20002B6	T.B	33	976	1.81	.593	.151
780812SN05002B6	T.B	7	32	1.61	.503	.102
780813SN05002B6	T.H	7	41	1.19	.114	.084
780813SN20002B6	T.H	16	35	2.11	.762	.485
780814SN05002B6	T.H	11	14	2.23	.932	.834
780814SN20002B6	T.B	36	183	1.84	.515	.152
780815SN05002B6	T.H	20	65	2.62	.873	.667
780815SN20002B6	T.B	41	122	2.80	.755	.387
780816SN05002B6	T.B	39	426	2.31	.630	.238
780816SN20002B6	T.B	57	452	2.67	.859	.503
780817SN05002B6	T.B	29	37	3.03	.960	.703
780817SN20002B6	T.H	12	33	1.61	1.000	1.000
780818SN05002B6	T.B	43	209	2.41	.889	.722
780818SN20002B6	T.B	43	209	2.46	.653	.254
780819SN05002B6	T.H	31	561	2.39	.647	.311
780819SN20002B6	T.B	25	439	1.76	.546	.200
780820SN05002B6	T.B	44	805	2.01	.531	.150
780820SN20002B6	T.B	45	754	2.68	.704	.309
780821C	T.B	35	1136	2.31	.650	.267
780822C	T.B	18	228	1.42	.490	.184
780823C	T.B	57	1691	1.85	.459	.096
780824C	T.H	51	934	1.66	.423	.085



## SPECIES DIVERSITY AND EVENNESS - MEIOFAUNA - CRUISE 3

Label		# Spe.	# Ind.	S-W	Pielou	Heip
790101PE0500286	T.H	27	281	2.46	.748	.414
790101PE2000286	T.H	42	313	2.86	.764	.400
790101PN0500286	T.H	20	86	2.38	.794	.515
790101PN2000286	T.H	31	327	2.61	.759	.418
790101PS0500286	T.H	35	271	2.67	.752	.397
790101PS2000286	T.H	44	244	2.88	.761	.391
790101PN0500286	T.H	34	368	2.58	.730	.368
790101PN2000286	T.H	52	438	2.79	.707	.300
790102PE0500286	T.H	32	163	2.50	.722	.361
790102PE2000286	T.H	44	687	2.73	.720	.332
790102PN0500286	T.H	36	274	2.65	.740	.376
790102PN2000286	T.H	51	630	2.91	.740	.347
790102PS0500286	T.H	34	644	2.57	.728	.365
790102PS2000286	T.H	31	429	2.53	.736	.383
790102PN0500286	T.H	40	252	2.58	.700	.314
790102PN2000286	T.H	39	354	2.74	.747	.379
790103PE0500286	T.H	57	646	2.10	.767	.378
790103PE2000286	T.H	64	1111	2.63	.631	.203
790103PN0500286	T.H	73	501	2.55	.734	.311
790103PN2000286	T.H	55	194	3.31	.827	.490
790103PS0500286	T.H	55	394	3.12	.778	.401
790103PS2000286	T.H	50	629	2.30	.588	.183
790103PN0500286	T.H	57	886	2.60	.644	.224
790103PN2000286	T.H	74	910	2.89	.672	.233
790104PE0500286	T.H	18	103	1.93	.668	.347
790104PE2000286	T.H	30	181	2.24	.658	.289
790104PN0500286	T.H	46	366	2.57	.698	.311
790104PN2000286	T.H	44	301	2.79	.737	.355
790104PS0500286	T.H	24	106	2.71	.852	.608
790104PS2000286	T.H	21	56	2.65	.871	.659
790104PN0500286	T.H	32	245	2.61	.754	.408
790104PN2000286	T.H	41	135	3.01	.811	.482
790121C	286	40	179	2.92	.793	.452
790122C	286	37	249	2.82	.780	.437
790123C	286	20	35	2.55	.851	.622
790124C	286	48	200	3.12	.806	.461

## **MACROINFAUNA TAXONOMY**

780501PF05002B7 T.H

MACROINFAUNA - TAXONOMY

HLM2B7C1

12/18/79

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Code	Organism name	A	B	C	D	E	F
37040601	GHalecium				4		
3756010101	Palythoa texaensis					1	
43	Rhynchocoela	30	23	10	15	15	17
4303020209	Cerebratulus lacteus		3				
470401	Linhomoeidra				1	4	1
47051001	GDorylaimopsis						1
47051002	GSabatieria	31	2	1	1	3	4
47110401	GAnticoma						1
500102	Polynoidae	2				2	
5001021H	GLepidasthenia			1			
5001080103	Palaenotus heteroseta		3				
5001130110	Anaitides erythrophyllus					2	
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata	1		1		2	
5001220203	Sigambra wassi	2					
500124	Nereidae					1	
50012404	GNereis						
5001250115	Nephtys incisa	10	2	5	7	6	1
5001270104	Glycera americana		3		1		
5001280112	Onuphis nebulosa	1		2			
5001290201	Dionatra cuprea	5			1	3	1
5001310113	Lumbrineris tenuis		1				
5001360102	SSchistomerinoides caeca				2	2	1
5001410201	Aricidea suecica	4			1		
5001410301	Paraonis gracilis	2	1				1
500143	Spionidae	2					
5001430502	Prionospio cirrifera	2					
5001430508	Prionospio cirrobranchiata	2					
5001431701	Paraprionospio pinnata	19	237	147	108	272	77
5001440104	Magelona rosea						1
5001440109	Magelona phyllisae	37	22	19	36	25	11
5001440101	Poecilochaetus johnsoni						1
5001500307	Itharyx marioni	6		1			3
5001520103	Cossura delta	5	6	3	9	9	5
5001580204	Armandia maculata			1			
5001600306	Notomastus latericeus	1	1	2	3	2	3
5001600402	Mediomastus californiensis	75	48	46	52	79	47
50016302	GClymenella						1
500163020201	Clymenella torquata calida	1				1	
5001670208	Ampharete acutifrons					1	
5001670211	Ampharete americana	8	31	4	4	4	7
5001680701	Pista cristata						1
51	Gastropoda					8	
5103230205	Vitrinella floridana	3	2	5	20		15
5110130201	Volvulella texasiana	2					1
55	Bivalvia	1				1	2
5502040213	Nuculana concentrica						
5515310209	Tellina versicolor				1		
5515350201	Abra aequalis		1				1
5517020201	Corbula contracta		1	1	1		3
61620208	GPentidotea						1
6169020108	Ampelisca abdita						1
6177020101	Acetes americanus		1				
6184	ABrachyura			2			1
6189050899	?Chaemocarcinus mississippiensis						1
7200020199	?Golfinqia bulbosa		2	2	2		3
7200030199	?Aspidosiphon albus	4				1	
7700010203	Phoronis architecta	2					1
812903	Amphiuridae						
8129030102	Amphiodia atra	1					
8129030105	Amphiodia trychona						
81290309	GAmpheolus					2	
8129030903	Amphioplus confortodes	2	1	1	1	2	1
8170	Holothuroidea				1		

740501PE2000287 T.8

MACROINFAUNA - TAXONOMY BLM287C1

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Code	Organism name	A	B	C	D	E	F
370405	Sertulariidae						17
37040601	Galecium						5
3704060115	Galecium bermudense						5
3756010101	Polythoa texaensis		1	5	18	2	12
43	Rhynchocoele	1	7	7	13	15	16
4303020209	Cerebratulus lacteus		4	1			16
470401	Linhomoeidra		6				12
47051001	Gdorylaimopsis	1					
47051002	GSabatieria	9	1		25	4	12
471114	Oncholaimidae				1		
500102	Polynoidae			1		1	
50010218	GLEpidasthenia						1
5001060302	Sthenelais boa		1		1		
5001130110	Anatitides erythrophyllus				1		1
5001220103	Ancistrostylis jonesi					1	1
5001220201	Sigambra tentaculata			1		1	1
50012404	GNereis		4			3	7
5001250115	Nephtys incisa	5	8	4	3		1
5001270104	Glycera americana						2
5001290102	Onuphis nebulosa						1
5001290201	Onuphis cuprea	2			1	3	1
5001310113	Lumbrinereis tenuis				1		
5001310204	Ninoe nariipes					1	1
500141	Paraonidae			1		1	
5001410201	Aricidea suecica	2	3	5	1	4	7
5001410214	Aricidea fragilis	1					1
5001410301	Paraonia gracilis						6
5001430502	Prionospio cirrifera				3		
5001430508	Prionospio cirrobrenchiata				1		2
5001430510	Prionospio cristata						2
5001431001	Strophos bombyx						1
5001431701	Paraprionospio pinnata	53	63	79	175	114	297
5001432005	SMalacoceras vanderhorsti						1
5001440104	Magelona rosea					1	
5001440109	Magelona phyllisae	22	12	30	27	19	22
5001460101	Poecilochaetus johnsoni						3
5001500307	Itharyx merionii	1	6		2		1
50015007	Timarete					1	
5001520103	Cossura delta	7	5	3	7	11	9
5001580204	Armandia maculata						1
5001600306	Notomastus latericicus	1		1	2	4	4
5001600402	Mediomastus californiensis	21	32	43	53	19	60
5001630103	Asychis elongata					1	
500163020201	Clymenella torquata calida	1	3	4		2	1
5001670208	Ampharete acutifrons	1	1	1		3	6
5001670211	Ampharete americana	4	15	2	25	21	59
5103230205	Vitrinella floridana					6	
5103760204	Natica pusilla				1		
5105100201	Oliva savana						2
52	Bivalvia				1	1	
5202040213	Nuculana concentrica		1	1	2	2	3
5205310209	Tellina varicolor		1		1		
5515471501	Chione clenchi		1				
5517020201	Corbula contracta	1	3	1			1
6111040106	Sarsiella disparalis				1		
6154050801	Oxyurostylis smithi					1	
6168	Amphipoda						1
6169020108	Ampelisca abdita	1			1		
6177020101	Acetes americanus			1			
6179140103	Alpheus floridanus						1
6183120301	Euceramus preelongus						
6184	Brachyura	1	1				
6189050899	?Chasmocarcinus mississippiensis		1				1
72	Sipuncula						1
7200020198	?Golfingia trichocephala						2
7200020199	?Golfingia bulbosa	12	34	4	20	47	26
7200030199	?Aspidosiphon albus	1	1	2	7	2	3
8120	Ophiuroidea		4				
8129030105	Amphiodia trychne		6	3	1	5	
8129030903	Amphionus contortodes					4	
8741020201	Neoconger mucronatus				1		
8741130802	Myrophis punctatus						1
8847010501	Gobionellus boleosome		1				
8847011201	Gobtoides broussoneti						1

Code	Organism name	A	B	C	D	E	F
3756010101	<i>Palythoa texaensis</i>	2	1	3	2	22	5
43	<i>Rhynchocoela</i>		11			1	
4303020209	<i>Cerebratulus lacteus</i>					1	
470401	<i>Linhomoeidra</i>						3
47051002	<i>Sabatieria</i>	3	3	3	1	7	2
471109	Oxytominae		1				
471114	Oncholaimidae		1	1			
471198	?Leptosomatidae (nematoda)					1	
500102	Polynoidae						1
5001021A	<i>Lepidasthenia</i>		1	2			
50010A0103	<i>Palaenotus heteroseta</i>	1			1		
5001130110	<i>Anatides erythrophyllus</i>						1
5001220102	<i>Ancistrosyllis hartmanae</i>		2				
5001220103	<i>Ancistrosyllis jonesi</i>		1			1	
5001220201	<i>Sigambra tentaculata</i>						1
500124	Nereidae	13			2	11	
50012404	<i>Nereis</i>		14	16	9		6
5001250115	<i>Neophtys incisa</i>				3	1	3
5001270104	<i>Glycera americana</i>		1		1	1	4
5001290112	<i>Onuohis nebulosa</i>					1	1
5001290201	<i>Diopatra cuprea</i>	3	9	1		1	3
5001310113	<i>Lumbrineris tenuis</i>	1					
5001410201	<i>Aricidea suecica</i>		1	1		1	3
5001430502	<i>Prionospio cirrifera</i>						1
5001430507	<i>Prionospio pygmaea</i>						1
5001430706	<i>Spio pettiboneae</i>					1	
5001431701	<i>Paraprionospio pinnata</i>	10	111	50	61	123	42
5001440104	<i>Magelona rosea</i>						2
5001440109	<i>Magelona phyllisee</i>	24	65	47	48	48	33
5001500307	<i>Tharyx marioni</i>		5	5	2	1	3
50015007	<i>Timarete</i>			13	10	6	
5001520103	<i>Cossura delta</i>		1	1	1	4	
5001580204	<i>Armandia maculata</i>	1			1		
5001600306	<i>Notomastus latericeus</i>	5	34	10	28	58	4
5001600402	<i>Mediomastus californiensis</i>	1	2	2	8	1	5
500163020201	<i>Clymenella torquata calida</i>						
5001630203	<i>Clymenella zonalis</i>						
5001660302	<i>Pectinaria gouldii</i>				1		
5001670208	<i>Ampharete acutifrons</i>		1	6			
5001670211	<i>Ampharete americana</i>	2	6		8	9	10
5001680701	<i>Pista cristata</i>			1			1
5103230205	<i>Vitrinella floridana</i>				2		4
5103530202	<i>Strombiformis bilineatus</i>				1		
51037802	<i>Cymatium</i>					1	
5105030501	<i>Cosmioconcha callialypta</i>					1	1
5105100201	<i>Oliva sayana</i>					1	
5110130201	<i>Volvulella texasiana</i>	1	1				
5502040213	<i>Nuculana concentrica</i>	2	5	1	4	1	5
551501	Lucinidae						
551509	Leptonidae					1	1
55153101	GMacoma						2
5515310209	<i>Tellina versicolor</i>	1	3	1	1	1	1
5515350201	<i>Abra aequalis</i>	1	1				
5517020201	<i>Corbula contracta</i>				2		1
6154050801	<i>Oxyurostylis smithi</i>		1				1
61690201	GAmpelesca			1			
6169020108	<i>Ampelesca abdita</i>					1	
6169330301	<i>Listriella barnardi</i>						1
6177020101	<i>Acetes americanus</i>						1
6179140103	<i>Alpheus floridanus</i>		1			1	
618A	ABrachyura	1					
61890604	GPinnixa	1					1
6191	Stomatopoda		1				1
6191010101	<i>Squilla emusa</i>		1				1
7200020198	?Golfingia trichocephala						1
7200020199	?Golfingia bulbosa			7	9	2	
7200030199	?Aspidosiphon albus				2	2	
812903	Amphituriidae			5			
8129030105	<i>Amphiodia trychna</i>				1	2	4
8129030903	<i>Amphipopus conortodes</i>	2	3	3	1	4	3

780501PN20002B7 T.8

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3704010207	Obelia hyalina				4		
3756010101	Palythoa texaensis			1	1		
43	Rhynchozoela	7	4	3	4	15	8
4303020209	Cerebratulus lacteus	1		1			1
470401	Linhomoeidra		1				3
47051001	GDorylaimopsis					1	
47051002	GSabatieria	2	1	13	8	12	
471114	Oncholaimidae	1				1	
500102	Polynoidae					1	
50010218	Leptodasthenia				1		1
5001060302	Sthenelais boa				1	7	
5001080103	Palaeonotus heteroseta						1
5001130110	Anaitides erythrophyllus		1				
5001220103	Ancistrosyllis jonesi		1				
5001220201	Sigambra tentaculata	1	1	1		1	2
500124	Nereidae	1	2		1	1	
50012404	GNereis						
5001250115	Nephtys incisa	6	6	1	6	21	12
5001270104	Glycera americana			1		1	
5001290113	Gnuphis nebulosa					1	
5001290201	Diopatra cuprea	2	1	1	2	10	7
50014102	CAricidea					1	
5001410201	Aricidea suecica		1			1	1
5001430402	Polydora socialis	1					
5001430502	Prionospio cirrifera			1		5	1
5001430508	Prionospio cirrobranchiata		1			3	
5001430510	Prionospio cristata					2	
5001431701	Paraprionospio pinnata	134	148	242	36	319	248
5001440104	Magelona rosea						
5001440109	Magelona phyllisae	23	24	21	28	19	15
5001440199	?Magelona filiformis				1		
5001500105	Cirratulus hedgpethi	2	2				2
5001500307	Tharyx marioni		1	2		4	2
50015007	Limarete			1		1	
5001520103	Cossura delta	2	4	4	1	3	3
5001600306	Notomastus latericeus		1	1	2		3
5001600402	Mediomastus californiensis	8	24	31	24	38	34
500163020201	Clymenella torquata calida		2	3	1	1	5
5001670208	Ampharete acutifrons	1					
5001670211	Ampharete americana	24	11	27	6	32	62
5103230205	Vitrinella floridana	3		1	5	5	2
5110130201	Volvulella texastana			1			
5502040213	Nuculana concentrica	2		1	1		
551509	Leptonidae				3		1
5515310209	Tellina versicolor		1	2			
5515350201	Abra aequalis	3				1	
5517020201	Corbula contracta	1		1		2	1
5520070199	?Periploma orbicularis	1					
6154050801	Oxyurostylis smithi		1				
6169020108	Ampelisca abdita	1					
6169260299	?Photis macromanus			1			
6177020101	Acetes americanus			3	2		5
61791405	Alpheopsis						
6183049999	?Gourettia latispina	1					
618905	Goneplacidae					2	
61890604	GPinnixa			1	1		
61910101	GSquilla		1		2		
7200020199	?Golfingia bulbosa	3	2	6	1	3	3
7200030199	?Aspidosiphon albus	1				1	
812903	Amphiuridae				1	4	
81290309	Amphipoda			1			
8129030903	Amphipoda conioctodes	1	2	6	2	3	5
82010201	Balanoglossus					4	

Code	Organism name	A	B	C	D	E	F
3704010207	Obelia hyalina			7			
370405	Sertulariidae			10			9
37041101	Glovenella						
43	Rhynchocoela	18	42	15	9	8	14
47	Nematoda			1			
470401	Linhomoeidra				2		2
47051001	GOrvylaimopsis	1		1			1
47051002	GSabatieria	17	5	27	18	14	25
500102	Polynoidae	2			1		
5001021A	GLEpidasthenia		1				
5001060302	Sthenelais boa		1			1	1
5001130110	Anaitides erythrophyllus				1		
5001220103	Ancistrosyllis jonesi	2				1	
5001220201	Sigambra tentaculata		3		3	3	
5001220203	Sigambra wassi			1			
500124	Nereidae				1		
50012404	GNereis	1					2
5001250115	Nephtys incisa	5	6	5	11	7	6
5001290201	Diopatra cuprea	2	1	1	3	1	1
5001410201	Aricidea suecica	1		2	5	2	3
5001410301	Paraonis gracilis					1	
5001430502	Prionospio cirrifera		1	1			
5001430508	Prionospio cirrobranchiata		1				
5001430510	Prionospio cristata	1					
5001431701	Paraprionospio pinnata	270	2A7	92	129	197	130
5001440104	Megelona rosea					1	
5001440109	Megelona phyllisae		21	18	11	32	10
5001490303	Spiochaetopterus oculus	17					1
5001500307	Itharyx marioni		1		1	2	
50015007	Timarete		2	2		1	
5001520103	Cossura delta	4	8	7	11	13	13
5001600306	Notomastus latericeus	4	3	5	5	1	1
5001600402	Mediomastus californiensis	87	69	53	39	42	73
50016302	GClymenella			1		1	
5001630203	Clymenella zonalis			1			
5001670208	Ampharete acutifrons	1	1			1	
5001670211	Ampharete americana	9	11	13	5	1	17
5001670211	Gastropoda	2	4				
5103230203	Vitrinella helicoidea						1
5103230205	Vitrinella floridana			5	4	1	1
5110130201	Volvulella texasiana			1			
55	Bivalvia				1		
5515310209	Tellina versicolor				1		1
5515350201	Abra aequalis			1			
5517020201	Corbula contracta						1
6154	ACumacea	1					
6175	ADecapoda (arthropoda)	4					
617702	Sergestidae					1	
6177020101	Acasta americana		2	1		5	2
6179140103	Alopeus floridanus			2	1		
72	Sipuncula	1					
7200020199	?Golfingia bulbosa			1	1	1	
8104	Asteroidea		1				
812903	Amphiuridae		1				
8129030105	Amphiodia trychna				1		
8129030903	Amphionus coniformis		1	1	1	2	
8791020101	Bremacera atlanticus			2	1		

7R0501PS20002H7 T.R

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis					1	
3760010299	?Anthopleura krebsi			1			
43	Rhynchocoela	85	68	20	24	8	16
4303020209	Cerebratulus lacteus				2	1	
470401	Linhomoeidra	4	1	1	2		
47051001	GDorvliamopsis		1				
47051002	GSabatieria	13	16	1	6	8	5
471114	Oncholaimidae	1	1				
471198	?Lectosomatidae (nematoda)					1	
500102	Polynoidae		2				
50010218	GLEpidasthenia				1		
5001060302	Sthenelais boa	8				1	
5001130110	Anatitides erythrophyllus		1		3		
5001220103	Ancistrosyllis jonesi	1					
5001220201	Sigambra tentaculata	1		2	1		
50012404	GNereis						2
5001250115	Nephtys incisa	10	7	14	5	4	4
5001290201	Diopatra cuprea	2	1	1	1	3	1
5001310113	Lumbrineris tenuis				1		
5001360102	SSchistomeringos caeca	1					
5001410201	Aricidea suecica	7	16	2	4		
5001410301	Paraonis gracilis			2	1		
50014304	GPolydora		1				
5001430502	Prionospio cirrifera					1	
500143050A	Prionospio cirrobranchiata		1				
5001431701	Paraprionospio pinnata	285	440	245	226	300	256
5001440109	Magelona phyllisae	5	8	25	7	8	10
5001500307	Tharyx merionii	1	2	1	1		
50015007	Timarctea						
5001520103	Cosura delta	8	12	8	3	1	5
5001540204	Armandia maculata	4			1	1	1
5001600306	Notomastus latericeus	3	1	3	3	3	
5001600402	Mediomastus californiensis	47	63	27	23	42	51
500163020201	Clymenella torquata calida				1		
5001670208	Ampharete acutifrons					1	
5001670211	Ampharete americana	2	15	8	1	3	
5001682301	Amacea trilobata		1				
5103230205	Vitrinella floridana				2		
5110130201	Tellina texasiana			1	1		
515310209	Tellina versicolor				12		
6151	AMysidacea						
6153012101	Mysidopsis bigelowi			1			
6153012401	Pronemys atlantica			1			
6154050801	Oxyurostylis smithi		1	1	2		1
61690603	GLembo	1					
6169330301	Listriella barnardi						2
6169330399	+Listriella quintana	1	1				
6169370820	Monoculodes edwardsi				1	1	
617701	Penaeidae			4			1
6177020101	Acetes americanus		1	1	8	1	9
6179140103	Alpheus floridanus				1		2
6179140301	Automate evermanni	1					
61791405	Alpheopsis	1					1
6184	ARachyura					2	
6187020201	Leiolenchus nitidus	1					
618905	Goneplacidae	1					
6189050401	Speocarcinus lobatus		1				
6189050899	?Chasmocarcinus mississippiensis	1					
7200020199	?Golfingia bulbosa	1			1	2	2
7200030199	?Aspidosiphon albus				1		
7700010203	Phoronis architecta		1				
8129030103	Amphiodia atra			1	1		
8129030105	Amphiodia trychna	2					
81290309	GAmphionus	2					
8129030903	Amphionus conioctodes	2	1		1		
8741130802	Myrophis punctatus					1	
8791020101	Bregmaceros atlanticus	1					
8847011601	Bollmannia communis			1			



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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis		2				
3760020201	Paranthus rapiformis		1				
43	Rhynchocoela	10	13	1	7	25	3
470401	Linhomoeidra			1		5	
47040301	CSphaerolaimus					10	
47051002	CSabatieria	12	9		1	2	3
471114	Oncholaimidae				2	2	
5001060302	Sthenelais boa		2				
5001130110	Anaitides erythrophyllus					1	
5001220102	Ancistrosyllis hartmanae						1
5001220103	Ancistrosyllis jonesi	1					
5001220201	Sigambra tentaculata			4		2	
500124	Nereidae					1	
50012404	GNereis	1					
5001250115	Nephtys incisa	5	5	2	6	10	2
5001290201	Diopatra cuprea	2		5		3	1
5001360102	SSchistomeringos caeca	1					
500141	Paraonidae			1			
5001410201	Aricidea suecica	2	3		2	3	1
5001430502	Prionospio cirrifera			2			
5001430510	Prionospio cristata	1					
5001431701	Paraprionospio pinnata	189	108	44	101	354	22
5001440109	Magelona phyllisae	21	15	8	16	13	22
5001500307	Tharyx marioni		1	3	3	1	1
5001520103	Cossura delta	4	3	5	12	10	8
5001540204	Amanita maculata	1	1	1	1	1	1
5001600306	Notomastus latericeus			2	1	1	5
5001600402	Mediomastus californiensis	49	22	37	36	106	37
5001630103	Asychis elongata						1
500163020201	Clymenella torquata calida				1		
5001670208	Ampharete acutifrons	1				3	
5001670211	Ampharete americana	6	7	1	3	24	
5103240203	Vitrinella helicoides			2			
5103240205	Vitrinella floridana	2		3	6	36	
5105040401	Cantharus cancellarius						1
5502040213	Bivalvia	1					
5502040213	Nuculena concentrica						
5515310123	Macoma pulleyi		1	1	1	2	1
5515310209	Tellina versicolor					1	
5515471401	Acriopoma texasiana	1				1	
5517020201	Corbula contracta	1					
55201001	GCardiomya		1			1	
61190902	*Malectinosoma					1	
6169020108	Ampelisca abdita					1	
6169330301	Liatrisella barnardi	1					
617020101	Acetes americanus		3			5	
6179140103	Alpheus floridanus		1	2			
6184	ABrachyura					3	
6189050401	Spaecarcinus lobatus	1		1		1	
61890604	GPinnixa			1	1		
6191010101	Squilla empusa		1				
7200020199	?Golfingia bulbosa	1	2	3		1	2
7200030199	?Aspidosiphon albus		1				
8120	Ophiuroidea					1	
8129030903	Amphipopus conioctodes		1	2			
8741130802	Myrophis punctatus	1					
8791020101	Bregmaceros atlanticus		1	2	1		

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3756010101	<i>Palythoa texensis</i>	1	1				
43	<i>Rhynchocoela</i>	7	4		2		9
4303020209	<i>Cerebratulus lacteus</i>						8
47051002	GSabatieria	3	12	4	9	5	
471198	?Leptosomatidae (nematoda)					1	
500102	Polynoidea		1				
5001060302	<i>Sthenelais boa</i>		1				
5001080103	<i>Palaenotus heteroseta</i>		1				
5001130110	<i>Anaitides erythrophyllus</i>	1	2				
5001220103	<i>Ancistrosyllis Jonesi</i>			1	1		
5001220201	<i>Sigambra tentaculata</i>			1			
50012404	GNereis			1			
5001250115	<i>Neohitys incisa</i>	10	6	3	6	4	2
5001290201	<i>Dionatra cuprea</i>		2	1	2	3	
500141	Paraonidae			1			
5001410201	<i>Aricidea suecica</i>	1	2		3	1	
5001430502	<i>Prionospio cirrifera</i>		1				
5001430508	<i>Prionospio cirrobranchiata</i>		1				
5001431701	<i>Paraorionospio pinnata</i>	80	114	50	46	94	21
5001440104	<i>Magelona rosea</i>						1
5001440109	<i>Magelona phyllisae</i>	5	10	8	2	3	16
5001500105	<i>Cirratulus hedgpethi</i>	1					
5001500307	<i>Tharyx marioni</i>	1			2	2	
50015007	Timarete	1					
5001520103	<i>Cossura delta</i>				4	1	
5001580204	<i>Armandia maculata</i>	1					
5001600306	<i>Notomastus latericeus</i>		3	1		2	
5001600402	<i>Mediomastus californiensis</i>	24	40	23	12	6	4
50016302	GClymenella				1		
500163020201	<i>Clymenella torquata calida</i>		1			1	
5001670211	<i>Ampharete americana</i>	4	16	1	1		
5001682301	<i>Amaeana trilobata</i>				1		
51	Gastropoda	1					
5103230205	<i>Vitrinella floridana</i>	1	6	2			
5103760204	<i>Natica pusilla</i>			1			
5103760407	<i>Polinices duplicatus</i>			1			1
5105030501	<i>Cosmigoconcha calliglypta</i>				1		2
5110130201	<i>Volvulella texasiana</i>						
55	Bivalvia	1					
5502040213	<i>Nuculana concentrica</i>	1	1	2	1		
5515310209	<i>Tellina versicolor</i>		1		1		
6169330399	+Listriella quintana					1	
617701	Penaeidae					1	
6177020101	<i>Acetes americanus</i>					1	
6179140103	<i>Alpheus floridanus</i>			1		1	
6184	ABrachyura					1	
6189050401	<i>Speocarcinus lobatus</i>	1	1				
61890604	GPinnixa		1				
7200020199	?Golfingia bulbosa			1		2	1
7200030199	?Aspidosiphon albus			1		1	
8129030903	<i>Amphionus conortodes</i>		1				1
8741020201	<i>Neoconger mucronatus</i>						1
8741130802	<i>Myrophis punctatus</i>		1				

Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica	61					49
3743	Ceriantipatharia ceriantipatharia		1				
3756010101	Palythoa texensis	8	12	8	3	6	8
37590101	GDwardia		1				
3760020201	Paranthus rapiformis			1	1	1	
3760040101	Calliactis tricolor			1			
45	Rhynchocoela						
4303020209	Cerebratulus lacteus	51	68	34	54	23	31
47	Nematoda	6					
470401	Linhomoeidae			1			
47051001	GDorylaimopsis						
47051002	GSabatieria		11	15	4		
47051003	GChontolaimidae						
47110401	GAnticoma			1			
471114	Oncholaimidae			1			
500102	Polynoidea				2		
5001021105	Lepidonotus variabilis				1		
50010218	GLepidasthenia			1	1		
5001060302	Sthenelais bos	3	4	2			1
5001130110	Anatidea erythrophyllus	10	1		11		1
5001210103	Cyrtia vittata	4		6			
5001220103	Ancistrostylis jonesi						
5001220201	Sigambra tentaculata	2		7	5	3	4
5001220203	Sigambra wasssi	3		5	1		
5001240103	Ceratonereis irritabilis						
50012404	GNereis						
5001240410	Nereis succinea	18	12	13	10	5	6
50012406	GCeratocephale	1	2	1	4		2
5001250112	Nephtys buccera						
5001250115	Nephtys incisa	3					
5001250116	Nephtys magellanica		1			1	
5001250303	Aglaophamus verrilli						3
5001270102	Clycera americana				3		
5001290201	Diopatra cuprea	12	20	11	20	30	23
5001300201	Marphysa sanguinea			1			
5001310113	Lumbrineris tenuis					1	1
5001410201	Aricidea suecica	2	3	6			1
5001410214	Aricidea fragilis			1	3		10
50014302	GPolydora						
5001430402	Polydora socialis	1		1			2
5001430411	Polydora ligni		2	2	3	5	4
5001430502	Prionospio cirrifera	7	26	2		5	4
5001430507	Prionospio pygmaea	5					3
5001430510	Prionospio cristata			15	14		3
5001431001	Scopelogadus bombyx	57	37	10	11	50	12
5001431701	Paraprionospio pinnata	65	7	104	11	77	63
5001440104	Magelona rosea	1	1	5	4	2	
5001440109	Magelona phyllisae	163	111	178	252	28	37
5001440199	Magelona filiformis		1				
5001460101	Poecilochaetus johnsoni	1			1	2	
5001490303	Spiochaetopterus oculatus			6			
5001500307	Tharyx marioni	6	3	11		1	4
50015007	Tharyx					5	
5001520103	Cossura delta				1		
50015404	GDiplocirrus			1			
5001600306	Notomastus latericus						
5001600402	Notomastus californiensis	3	49	160	111	4	15
500163020501	Clymenella torquata calida						
5001630203	Clymenella zonalis	1		1			
5001640102	Owenia fusiformis	17	27	15	22	36	71
5001640302	Myrioxenia californiensis	2	12	1	7	1	4
5001660302	Pectinaria gouldii						
5001670206	Ampharete scutifrons			9	13	1	6
5001670511	Ampharete americana	27	47	49	49	6	15
5001682002	Loimia viridis				1		
5001682203	Terebellia rubra		1				
5001682301	Amasena trilobata			1			
500170	Sebelligidae						
5001700802	Megalomma bisulcata	6	3	7	6	3	1
5001730902	Hydroidea protulicola						
51	Gastropoda			1			
5103230205	Vitrinella floridana		3	2	8		1
5103530202	Strombiformia bilineatus		3	1			
5103730104	Atlanta peronii				1		
5103760407	Polinices duplicatus						
5105030501	Cosmiconcha calliglypta			1		1	
5105040401	Cantharus cancellarius		2		2		
5106040101	Terebra dislocata						
51080101	GDostomia				1		
5110010101	Acteon punctostriatus				2		1
5110050106	Philine sacra		1				

55	Bivalvia			1	1		1
5502020204	Nucula proxima			1	1		
5502040213	Nuculana concentrica	2	2	1	5	1	2
550601	Arcidae				1		
551509	Leptonidae				1		
5515250301	Mulinia lateralis	1	1	4		1	
5515250701	Raeta plicatella	1	1	2			
5515290202	Solen viridis				1		
5515310123	Macoma pulleyi			1	2		
5515310209	Tellina versicolor	3	15	14	13	1	8
5515350201	Abra aequalis	41	124	65	86	11	19
5515480102	Petricola pholadiformis			3	2		
5517020201	Corbula contracta				1		2
5518010401	Barnea truncata			1			
552005020601	Lyonsia hyalina floridana				1		
61190902	Halictinosema			1	1		
6154	Acumacea				1		
6154050801	Oxyurostylis smithi	1	9	3	1	1	
61620208	Gpentinidotea	1	18	6			
6169020108	Ampelisca abdita	19	26	8	11	20	12
6169150703	Unciola irrorata	1					
6169260299	?Photis macromanus		5	4	2	1	
6169480799	?Parametonella texensis					1	
6177010202	Trachypenaeus similis						1
6177020101	Acetes americanus			1	1	1	
6179140301	Autosia evermanni		1			1	
6179170101	Processa hemphilli	1		1			
6183040299	?Callianassa bififormis					1	
6183049899	?Gourretia latispina					1	
618306	Paguridae				1	1	
6183060237	Pagurus bonairensis	3		1			1
6183120301	Euceramus praelongus		1	1			
61831205	Gporcellana					1	
6184	Brachyura	2	3	2	6	1	4
6187010901	Libinia dubia				1		
6189010601	Portunus gibbesii					1	
618902	Xanthidae				1		
6189020601	Hexapanopeus angustifrons				1	1	
61890503	Goneplax				1		
6189059999	?Frevillea barbata				1		
61890604	Gpinnixa		6	1	8	4	
7200020198	?Golfingia trichocephala	12	14				
7200020199	?Golfingia bulbosa	81	79	57	69	65	22
7200020401	Phascolion strombi				1		
7200030197	?Aspidosiphon cumingii		1				
7200030199	?Aspidosiphon albus			2	2		
73	Echiura			1			
7700010203	Phoronis architecta	3	16	24	19	26	34
78	Ectoprocta				1		
7801	Gymnolaemata				25		
80020102	Linqule		1				
8106010502	Astropecten duplicatus		1				
8129020201	Hemiphysalis elongata		1		3		
8129030102	Amphiodia atra				3		
8172060306	Pentamera pulcherrima				1		
82010201	Balanoglossus	7	25	11	25	5	8

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica						
3783	Ceriantipatharia ceriantitaria				59		
3756010101	Palythoa texensis	1	6	2	2	5	1
3760010399	?Anthopleura krebsi	1			2		
3760020201	Paranthus papiformis						14
43	Rhynchocoela	46	35	46	52	42	14
470401	Linhocoelidra						
47051001	GDorylaimopsis						
47051002	GSabattaria						
471111	Phanodermatidae						
471114	Oncholaimidae						
5001021104	Lepidonotus sublevis			1			
5001021118	GLepidasthenia	1		1	1	3	
5001060302	Sthenelais boa						
5001130110	Anatitides erythrophyllus	1	1	3	2	2	2
5001210103	Cypris vittata						
5001220103	Ancistrosyllis jonesi						
5001220201	Sigambra tentaculata	1	1	1	1	5	1
5001220203	Sigambra wassi	1		1	1	5	1
500124	Nereidae						
5001240103	Caratonarais irritabilis						
50012404	Nereis	13	1	13	14		
5001240115	Nephtys incisae						
5001240303	Aglaophamus verrilli			1			
5001270104	Glycera americana		2	3	4	3	1
5001280104	Glycinde solitaria						
5001280106	Glycinde nordmanni	1					
5001290201	Diopatra cuprea	8		8	9	5	5
5001310113	Lumbrinarais tenuis						
5001410201	Articida suecica	1	1	1		2	1
50014304	GPolydora						
5001430402	Polydora socialis		1				
5001430411	Polydora ligni						
5001430502	Prionospio cirrifera					4	4
5001430503	Prionospio cristata					1	1
5001431001	Spiothone bobbyx					1	1
5001431701	Paracirronospio pinnata					1	1
5001440104	Megalona rosea	180	90	15	175	15	125
5001440109	Megalona phyllisae	67	4	8	5	18	25
5001500307	Tharyx marioni	10				1	
5001520103	Camarata	5				4	3
5001600306	Notomastus latericeus	2				1	1
5001600402	Mediomastus californiensis	10		7	13	4	
500163020201	Clymenella torquata calida						
5001630203	Clymenella zonalis	3					
5001640102	Owenia fusiformis	9	3		2	2	1
5001640302	Myriometra californiensis						
5001670206	Ampharete acutifrons	6		1	6	8	7
5001670211	Ampharete americana	58	67	120	59	91	62
5001670504	Melinné maculata						
5001700402	Megalomma bioculata	2	4	9	4	7	1
5103230203	Vitrinella floridana						
5103230502	Telostome biscaynense	1					
510376	Naticidae						
5105040401	Cantharus cancellarius		1			2	
51080101	GDogostomia						
5110130201	Volvulella texastana	1	1			2	
2202020204	Bivalvia			2			
2502040213	Nucula proxima				1		
2502040213	Nuculana concentrica	3	24	27	15	26	6
550601	Arctidae						
5515050104	Diplodonta soror			1			
5515250301	Mulinia lateralis			2			
2215290204	Solen viridis		1				
2215310501	Corallina verticillata	3	23	12	23	10	4
2215310501	Corallina verticillata	14		10	33	33	7
5515470901	Dosinia discus		1				
5515471401	Agriopoma texastana						
5515471501	Chione clenchii			1		1	
5517020201	Corbula contracta	1		4	2	4	1
222005020601	Lyonsia hyalina floridana			1			
55201101	Cardium			1			
55201103	Vaticordia			1			
6111040106	Sarsstella disparalis			1		1	
6154	ACumeceae						
6154010105	Lamprose quadruplicata	1	1		1		
6154050801	Oxyurostylis smithi			2		1	1
61620208	Pentidotea					1	1
6165020108	Ampelisca abdita	6	19	15	6	7	16
6169260299	?Photis macromanus					1	

6169480799	?Parametopella texensis					1	
6171010901	Paracaprella tenuis					4	
6179140301	Automate evermanni			2			1
6183060237	Pagurus bonairensis						1
6184	Abrahyura		1				
61890106	Portunus	1					
61890604	Pinnixa	1					
7200020198	?Golfingia trichocephala		1	2	1		
7200020199	?Golfingia bulbosa	67	18	63	46	38	36
7200030199	?Aspidosiphon albus	2	1		4	1	
7700010203	Phoronis architecta		1			1	1
8120	Ophiuroidea	1					
8129020201	Hemipholas elongata				1		
8172060306	Pentamera pulcherrima	1					
82010201	Balanoglossus		7	4		2	1

Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica				9		
3743	Ceriantoptharia ceriantheria	1			1		1
3756010101	Palythoa texensis	4	7	11	11	3	7
37590101	GEwardsia				2		
3760010299	?Anthopleura krebsi			1			
3760020201	Paranthus rapiformis	2	2	1	4	2	
3901	Turbellaria						
43	Rhynchocoela						
470401	Linhoscoelra	45	42	55	42	23	36
47040301	GSphaerolaimus						
47040403	GIheristus	1					
47051001	GDorylaimopsis	1					
47051802	GSabatieria	8		12	5	1	1
470513	Chonolaimidae				1		
47110401	GAnticoma				1		
471111	Phanodermatidae	1					
471114	Oncholaimidae	15			5	2	3
500102	Polynoidea			1			
50010505	GEunoe						1
5001021104	Lepidonotus sublevis	2	1				
50010218	GLepidasthenis			1		1	4
5001060302	Sthenelais boe		8	14	8	4	4
5001130110	Anatitides erythropphyllus	11	6		13	6	6
5001210103	Gyptis vittata	1					
5001220103	Anclastraxyllia jonesi						
5001220201	Sigambra tentaculata	10		14	9	3	8
5001220203	Sigambra wassi						
500123	Syllidae		1				1
5001240103	Caratonereis irritabilis			1			
50012404	GNereis	6	14	8		4	14
5001240410	Nereis succinea	7	2		1	2	
5001250118	Nephtys bucers						1
5001250115	Nephtys incisa			2	3	1	
5001250116	Nephtys magellanica		3				
5001250303	Agleophanus verrilli						
5001270104	Glycera americana	1	1		2	2	1
5001280104	Glycinde solitaria			1			
5001280106	Glycinde nordmanni		1				
5001280206	Goniada teres				1		
5001290201	Diopatra cuprea	28	29	15	9	3	14
5001310113	Lumbrineris tenuis		1				
5001410201	Aricidea suecica			5	1		
50014304	GPolydora	72					5
5001430402	Polydora socialis			10	2		
5001430411	Polydora ligni	45					
5001430502	Prionospio cirrifera	16	2	6		1	4
5001430507	Prionospio pygmaea						
5001430508	Prionospio cirrobranchiata						
5001430510	Prionospio criata	21	7	9	10	8	1
5001431001	Spiophanes bombyx	26	19	11	9	9	17
5001431701	Paraprionospio pinnata	75		50	97	92	85
5001432005	SMalecoceros vanderhorsti					1	
5001440104	Magelona rosea	1	1	1			3
5001440109	Magelona phyllisae	5	180	26	14	11	36
5001460101	Pogonochaelus johnsoni		1			1	
5001490303	Spirochaetopterus oculatus						1
5001500307	Tharyx marioni	1	2			1	1
50015007	Tiarete						1
5001520103	Cossura delta						
50015404	GDiplocirrus						
5001600306	Notomastus latericeus	2	2				
5001600402	Mediomastus californiensis	198	60	126	37	7	88
5001630203	Clymenella torquata calida				1		
5001630203	Clymenella zonata		1				
5001640102	Ovania fusiformis	1	28	16	42	3	20
5001660302	Pectineris gouldii			4			
5001670208	Ampharete acutifrons	3	12	1	3	2	8
5001670511	Ampharete americana	63	78	157	13	1	5
5001680511	Pista cristata			1			
5001680707	Pista delmata	1					1
5001682002	Loimia viridis	1					4
5001700402	Megalomma bioculata	1	9	7		1	13
5002050102	Polygordius appendiculatus			1			
5013230205	Castroppoda						
501740204	Vitrinella floridana		2		1	1	4
505030501	Conus concha callioypta		1				1
5105040401	Cantharus cancellarius			1	2		
5105080106	Nassarius acutus					1	
5110010101	Arcton punctostriatus			1	2	1	
55	Bivalvia	9			1		

5502020204	Nucula proxima							
5502040213	Nuculana concentrica	7	2	3	2			
550601	Arcidae	1	4	10				
5515250301	Mulinia lateralis	1	1	4	1	1	2	
5515250701	Raeta plicatella		1	1			4	2
5515290202	Solen viridis						1	
5515310209	Tellina versicolor						2	
5515350201	Abra aequalis	5	6	63	21	18		28
5515471401	Agriopoma texasiana	109	49	199	98	100		98
5515480102	Petricola pholadiformis	3	2	3				1
5517020201	Corbula contracta	7		4				3
5518010401	Sarnea truncata	3						
5518020110	Pandora bushiana							1
552005020601	Lyonsia hyalina floridana				1			
61190902	*Malectinosoma						3	3
6154050801	Oxyurostylis smithi	1		3	1	9		1
61620208	GPentidotea	1	1	18	13	10		1
6168	AAmphipoda				1	1		
6169020108	Ampelisca abdita	1	6	5	17	25		10
6169150102	Cerepus tubularis					1		
6169150201	Corophium acherusicum	1				1		
6169150302	Erichthonius brasiliensis	2						2
6169260206	?Photis macranus						1	
6169370820	Monoculodes edwardsi		2	1				
6169480799	?Parametopella texansis			1				
617701	Penaeidae	1						
6177020101	Acetes americanus				1			
6179170101	Processa hemphilli	1	1	1	2	2		3
6183060237	Pagurus bonairensis			1		1		1
6183120301	Euceramus praelongus				1			
6184	ABrachyura	6		3				
61890106	GPortunus	1						1
618902	Xanthidae							
61890504	GPinnixa		1					
7200020198	?Golfingia trichocephala	1		1	1	1		3
7200020199	?Golfingia bulbosa							
7200030199	?Aspidosiphon albus	12	33	48	16	12		26
73	Echiura			1				
7700010203	Phoronis architecta	33	7	7	41	10		3
8120	Ophiuroidea	7						
8129020201	Hemipholis elongata		1	2	1			4
8129030102	Amphiodia atra				1			
8172049999	?Paraphyllophorus parvus			1				
8172040306	Pentamera pulcherrima							
82010201	Balanoglossus		18	1	10	6		1



780502PN2000287 T.H

## MACROINFAUNA - TAXONOMY

BLM287C1

12/18/79

16:15:48

Code	Organism name	A	B	C	D	E	F
3743	Ceriantipatheria ceriantheria	1					
3756010101	Polythoa texaensis	1					
3760010299	?Anthopleura krebsi	1					
3760020201	Paranthus rapiformis	1					
43	Rhynchocoela	2					
4303	Heteronemesa	4					
4303020209	Cerebratulus lacteus	8					
470401	Linhomoeidra	6					
47051001	Gdorylaimopsis	1					
47051002	GSabellia	1					
47110401	Ganticoma	2					
471111	Phanodermatidae	3					
471114	Oncholaimidae	2					
500102	Polynoidea	2					
50010205	GEunoe	1					
50010218	GLEpidasthenia	1					
5001060302	Sthenelais boe						
5001060103	Palaenotus heteroseta						
5001130110	Anatides erythropyllus	4					
5001210103	Gyptis vittata	2					
5001210402	Gobiodromus obscura						
5001220102	Ancistrosyllis hartmanae						
5001220103	Ancistrosyllis jonesi						
5001220201	Sigambra tentaculata	3					
5001520501	Sigambra wassl	10					
50012404	GNereis	3					
5001250115	Nephtys incisa	10					
5001250116	Nephtys magellanica	2					
5001270104	Glycera americana	1					
500128	Goniididae						
5001280104	Glycinde solitaria						
5001280106	Glycinde nordmanni	1					
5001290201	Diopatra cuprea	1					
5001310113	Lumbrineris tenuis	3					
50014304	GPolydora	1					
5001430402	Polydora socialis	1					
5001430503	Prionospio cirrifera	3					
5001430507	Prionospio pygmaea	10					
5001430508	Prionospio cirrobrenchiata	7					
5001430510	Prionospio cristata						
5001431001	Spinophanes bombyx	3					
5001431701	Paraprionospio pinnata	4					
5001440104	Magelona rosea	13					
5001440109	Magelona phyllisae	15					
5001440103	Spiochaetopterus ocellatus	28					
5001500105	Cirratulus hedgpethi	11					
5001500307	Tharyx marioni	7					
50015007	Timarete	2					
5001520103	Parasua delta						
50015404	GDiplocirrus						
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis	35					
5001630103	Amychis elongata	1					
500163020201	Clymenella torquata calida						
5001630203	Clymenella zonalis	2					
5001640102	Quenia fusiformis	11					
5001660302	Pectinaria gouldii						
5001670208	Ampharete acutifrons	6					
5001670211	Ampharete americana	15					
500170	Sabellidae	1					
50017001	GChone						
5001700402	Mecanoma bioculata	6					
51	Gastropoda						
5103230205	Vitrinella floridana						
5103310101	Architectonica nobilis						
5103530202	Strombiformis bilineatus						
5103760202	Natica pusilla						
5103760407	Polinices duplicatus						
5103760501	Sinus perpectivum	2					
5105080106	Nassarius acutus						
5106040101	Terebra dialocata						
51080101	GDostomia						
5110010101	Acteopunctostriatus						
5110040401	Cylindrella bidentata						
5502040213	Nuculana concentrica	1					
550601	Arcidae	1					
5507020101	Atrina acuminata						
5515010601	Linga amiantus						
551550301	Mulinia lateralis	3					
551550701	Raeta plicatella	33					
55155080202	Solen viridis	1					

5515310123	Macoma pulleyi	4	5	4			
5515310209	Tellina versicolor	6	44	33	6	11	23
5515350201	Abra aequalis			56	42	19	73
5515471401	Adriopoma texasiana		3	1		1	1
5517020201	Corbula contracta				1		
552005020601	Lyonsia hyalina floridana						
55201103	Verticordia			2			
6154050801	Oxyurostylis smithi		8	1	5		6
61620208	GPentidotea	2	11	4	33		22
6169020108	Ampelisca abdita	1	4	4	4	1	5
617701	Penaeidae		3		1		
6177020101	Acetes americanus	1	1	1			
618306	Paguridae						8
6183060237	Pagurus bonairensis			1			
61890604	GPinnixa				1		
7200020199	Golfingia bulbosa	8	14	10	11	19	20
7200030199	Aspidosiphon albus	1	5	3	1	1	2
7700010203	Phoronis architecta	2	4	20	1		10
8129030102	Amphiodia atra	1	2	1		5	
8129030105	Amphiodia trychna		1				
8172060306	Pentamera pulcherrima			1			
82010201	Halanoglossus						1

Code	Organism name	A	B	C	D	E	F
3450320401	Amphacalaria pseudospiralis						
3453670199	Cibicides concentricus						1
3704010501	Clytia cylindrica			49			
3743	Ceriantipatharia ceriantheria	2	1				
3756010101	Galythoa texensis	4	1	1	3	0	3
37590101	Gedwardsia						
3760010299	Anthopleura krebsi		1			2	
3760020201	Paranthus paciformis	2	1				2
3901	Turbellaria						
43	Rhynchocoela	20	25	52	63	63	27
470401	Linhosoidra			1		3	
47051002	Sabataria		2	6			2
470513	Rhoniolaimidae						
47110401	GAnticomae						
471111	Phenodermatidae	1	1				
471114	Oncholaimidae	1	2	4		1	
471119	Enchaliididae	1					
500102	Polynoidae		3	1			
5001021105	Lepidonotus variabilis						
50010218	Clepidasthenia	2		1			3
5001060302	Sthenelais boa	1	9	16		4	2
5001130110	Anatitides erythrophyllus	2	4	14		4	1
5001210103	Gypris vittata	2		2			
5001210403	Ophiodromus obscura	2	2				
5001220103	Anclatroxylis lonesi						
5001220201	Sigambra tentaculata	3	21	16	1	4	
5001220203	Sigambra wessi						
500124	Nereidae		4				
50012401	Nereis	1	14	5		9	2
5001240410	Nereis succinea						
5001250114	Nephtys buxera	2		1		7	
5001250115	Nephtys incis					2	1
5001250303	Aglaophamus verilli					2	1
5001280104	Glycinde solitaria			3			
5001290201	Diopatra cuprea	20	24	6	16	5	4
5001300201	Merphysa sanguinea	1					
5001310104	Lumbrinerella lonesi						
5001410201	Aricidea suecica		2	2	1		
5001410601	Cirrophorus lyriformis						
50014304	GPolydora	13		3	22	6	1
5001430402	Polydora socialis		13				
5001430411	Polydora ligni						
5001430501	Prionospio cirrifera	4	3	2	5	2	1
5001430507	Prionospio pygmaea	1					
5001430508	Prionospio cirrobranchiata						
5001430510	Prionospio cristata			1	1	2	1
5001430806	Boccardia hamata						
5001431001	Spirophanes bombyx	1					
5001431701	Paraprionospio pinnata	11	12	23	7	36	35
5001440104	Megalona rosea				8	100	63
5001440109	Megalona phyllisae					6	3
5001460101	Poecilochaetus johnsoni	1	21	24	8	61	37
5001500105	Cirratulus hedgpethi						
5001500304	Tharyx setigera						
5001500307	Tharyx marioni	3	1			4	1
50015007	Tisareta						
5001520103	Cossura delta		1	1		1	
50015404	GDiplocirrus	2					
5001580204	Armandia maculata		1	3			
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis	1	10	6	7	30	108
500163020201	Clymenella torquata calida						
5001630203	Clymenella zonalis						
5001640102	Owenia fusiformis	6	5	12	3	3	29
5001640302	Myciowenia californiensis						
5001670208	Ampharete acutifrons						
5001670311	Ampharete americana	12	68	138	87	68	1
5001680206	Eupothenia crassicornis	1					
500170	Sabellidae						
5001700402	Megalomma bioculata	1	2	4	2	4	2
51	Gastropoda						
5103230205	Vitrinella floridana	2					
5105030501	Sinus parapsacchivus			1			
5105040401	Cosmicococha calliglypta						
5105040401	Cantharus cancellarius						
51080101	GDostomia				1		
5110010101	Acteon punctostriatus						
51100501	GPhiline			1			
5110130201	Volvulella texasiana	2					
5114020201	Williamia krebsi						
55	Bivalvia			2		2	

5502020204	Nucula proxima	2			2		
5502040213	Nuculana concentrica	27			20		9
550601	Arcidae	3	3	11	5	2	1
5515010601	Linga amiantus					1	
5515250301	Mulinia lateralis	5	1		12	2	2
5515250701	Raeta plicatella					1	
5515310123	Macoma pulleyi	1		1			
5515310209	Tellina versicolor	33	10	23	13	40	22
5515350201	Abra aequalis	136	33	1	110	82	14
5515470901	Dosinia discus						
5515471401	Agriopoma texasiana				1		
5515471501	Chione clenchi			1			
5515480102	Petricola pholadiformis	65	4	3	145	2	
5517020201	Corbula contracta	4	1		16	1	
5517020301	Varicorbula operculata						
5518010401	Harnea truncata	7			4		
5520020110	Pandora bushiana			1			
552005020601	Lyonsia hyalina floridana				1		
55201103	Verticordia						1
6153012101	Mysidopsis bigelowi			1			
6154050801	Oxyurostylis smithi	1		3	2	1	
61620209	GPentidotea	1		9	2	2	
6168	AAmphipoda						
61690201	GAmpelisca						
6169020108	Ampelisca abdita						
6169260299	?Photis macromanus	11	7	7	14	5	7
6169480799	?Parametopella texansis				17		2
617701	Penaeidae	1		2			
617701010101	Penaeus aztecus aztecus	3					
617702	Sergestidae	1					
6177020101	Acetes americanus			1		1	
6179140301	Automate evermanni				2		
6179170101	Processa hemphilli			1		1	
6183120301	Eucercanus praelongus					1	
6184	ABrachyura						
6186020201	hepatus epheliticus	4			3	2	2
6186030102	Persephona crinita			1			1
6187010901	Libinia dubia	1					
61890106	GPortunus			1			
6189020601	Hexapanopeus angustifrons	5					
6189050401	Speocarcinus lobatus	1			3		
61890604	GPinnixa	2		1	4		
7200020198	?Golfingia trichocephala			1			4
7200020199	?Golfingia bulbosa	16	15	20	33	19	21
7200020401	Phascollion strombi	1				4	1
7200030199	?Aspidosiphon albus	1				1	
73	Echiura	2					
7700010203	Phoronis architecta		1	9	19		
78060101	GAeverrillia	2	2		5	4	18
8106010502	Astropecten duplicatus			85	12		
8120	Ophiuroidea			2			
8129020201	Hemipholas elongata	1	1			1	
8129030102	Amphiodia atra	1	2				1
8129030903	Amphioplus coniertodes						
8172060306	Pentamera pulcherrima		1				
82010201	dalanoglossus	2		3	6	1	6

780502PS20002B7 T.8

MACROINFAUNA - TAXONOMY

BLM2B7C1

12/18/79

16:15:48

Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica						
3743	Ceriantipatharia ceriantharia				6		
3756010101	Palythoa texaensis	1		3	1		
3760010299	Anthopleura krebsi			1	1		
3760020201	Paranthus rapiformis				1		
45	Rhynchocoele						
4503	Heteronemertea	15	36	32	28	16	28
47	Nematoda		2	2			
470801	Linhompeidae						
470513	Choniolaimidae		2		1		
471113	Phanodermatidae						
500102	Polynoidae			1			
50010218	Glepidanthea					2	
5001060302	Sthenelais boa						
5001130110	Anatides erythrophyllus					4	
5001220201	Sigambra tentaculata						
500124	Nereidae						
5001240103	Ceratonereis irritabilis	1				3	
50012404	Nereis						
5001250114	Nephtys bucere			3	1	7	
5001270104	Glycera americana						
5001280104	Glycinde solitaria			2	3	2	
5001290201	Dipatris cupres						
5001310113	Lumbrineis tenuis	10		3	5	7	
5001410201	Aricidea succisa			2	8		
5001410214	Aricidea fragilis						
50014304	Polydora						
5001430402	Polydora socialis		2				
5001430403	Polydora ligni				5		
5001430404	Prionospio cirrifera				1		
5001430507	Prionospio cygnea						
5001430508	Prionospio cirrobranchiata		3		2		3
50014308	Spioecardia						
5001431001	Spiothoe bombyx				2		
5001440101	Paraprionospio pinnata						
5001440104	Megalona rosea	116	92	76	125	127	62
5001440109	Megalona phyllisa		12				
5001440199	Megalona villiformis	10		1	2	39	4
5001460101	Poecilochaetus johnsoni						
5001490303	Spiochaetopterus oculatus					1	
5001500107	Tharyx marioni	1					
5001540103	Cosura delta			2		1	2
50015404	Glyptocirus						
5001580204	Araucaria maculata						
5001600306	Notomastus latericus						
5001600402	Mediomastus californiensis		1				
500163020201	Clymenella torquata calida	29	19	23	79	11	94
5001630203	Clymenella zonalis	2				1	
5001640102	Orania fusiformis						
5001670208	Ampharetis acutifrons						
5001670211	Ampharetis americana		1		6	8	
5001700400	Megaloma bioculata	4	108	83	78	110	50
5001720205	Vitripella floridana						
5001750202	Strombiformis bilineatus						
500176	Naticidae					1	1
5001760501	Sinum perspectivum						
5001800106	Nassarius acutus				2		
50018040101	Terebra dislocata				1		
5110010101	Acteon punctostriatus						2
5110050106	Philine sagra						
5110130201	Valvulineria texasiana						
5502020204	Nucula proxima	1	2	4		2	3
5502040213	Nucula concentrica						
550501	Arcidae	7	27	33	23	41	17
551509	Leptonidae						
551509301	Mulinia lateralis						
551509301	Rissa plicatella				1		
551509302	Solen viridis						1
551510209	Tellina varicolor						
5515350201	Abra aequalis	8	9	16	10	19	4
5515471501	Chione clenchi	2	5	2		27	
5515480102	Petricola pholadiformis						
5515480102	Corbula contracta						
5515480102	Corbula						
5518010401	Sarrea truncata	1	6	1	2	20	1
5520020110	Pandora bushiana						
552005020601	Lyonsia hyalina floridana	1					
55201001	Cardiomya						
6111050301	Euconchoecia chierchiae						1
61190903	Chaetinosoma					1	
61620208	Gentidotea			1			
6168	Amphipoda	2	1				

6169020108	Ampelisca abdita	8	51	47	16	19	29
6169150703	Unciola irrorata		3	6	3	1	
6169260299	?Photis macromanus		1	1		1	
6177020101	Acetes americanus					1	
6179050202	Leptochela bermudensis					1	
6184	Abbrachyura	1			1	1	
6189050401	?Speocarcinus lobatus				1	1	
6189050899	?Chasmocarcinus mississippiensis	3			7		1
61890604	Pinnixa	1					
7200020197	?Golfingia pellucida	2					
7200020198	?Golfingia trichocephala	14	9	18	11	31	14
7200020199	?Golfingia bulbosa			1	2	2	2
7200030199	?Aspidosiphon albus		1		13	1	
73	Echiura		1				
73020101	Urechis		1		2	4	2
7700010203	Phoronis architecta	1					
8106010502	Astropecten duplicatus	1					
8129020201	Hemiphysalis elongata						
812903	Amphiuridae						1
8129030102	Amphiodia atra	1			3	1	
8129030105	Amphiodia trychna						1
8129030903	Amphioptus coniertodes				2		
8172060306	Pentamera pulcherrima	1					
82010201	Balanoglossus	1			5		

Code	Organism name	A	B	C	D	E	F
3723	Ceriantinatharia ceriantitaria						
3756010101	Polythoe texensis			5	4	3	5
37590101	Edwardsia	10	1				
3760020201	Paranthus rapiformis	3	1	1	2	1	5
3760040101	Callinectis tricolor	2					
3901	Turbellaria						
43	Rhynchocopia						
4303020209	Cerebratulus lacteus	10	23	37	23	46	13
470401	Linhomoeidae						
47051001	Gdorylaimopsis			1	2	1	
47051002	Gsebatieria			9	11	1	3
47051004	Metacomesoma	6			1		
47110401	GAnticomae						
471111	Phanodermatidae						
471114	Oncholaimidae						
5001021104	Lepidonotus sublevis	1		6	13	3	2
5001021105	Lepidonotus variabilis		1				
5001021114	Lepidasthenia			1	2		
5001060302	Sthenelais boa			7	7	5	
5001080103	Palaeonotus heteroseta	3	5				3
5001130104	Anatides mucosa						
5001130110	Anatides erythrophyllus	2					
5001130110	Cyrtis vittata	8	12	10	4	6	7
5001210400	Ophiodromus obscura		1		1		
5001220103	Ancistrosyllis ionesi					1	
5001220105	Ancistrosyllis papillosa		1				1
5001220201	Sigambra tentaculata	6	2	2	3	2	1
500124	Nereidae						
5001240103	Carationereis irritabilis					1	2
50012404	Nereis						
5001240410	Nereis succinea	1		8	10	3	
5001250114	Nephtys bucera			8	6		6
5001250115	Nephtys incisa	1				3	
5001250116	Nephtys magellanica			1	2		4
5001250303	Aglaophamus verrilli						
5001250304	Glycera americana	5		3		8	3
5001250308	Glycera mollisaria	1		4	1	2	3
5001290201	Diopatra cuprea		6	20	21	28	18
5001330113	Lumbrineris tenuis	24					
5001330103	Drilonereis longa	1			1		1
5001410501	Aricidea suecica		1			1	
5001410514	Aricidea trepallii						
50014304	Gpolydora						
5001430402	Polydora socialis	3		10	1	7	
5001430411	Polydora ligni						4
5001430502	Prionospio cirrifera	3	1		3	6	
5001430510	Prionospio cristata		4	4	1	7	
5001431001	Strophonema bombyx	15	25	14	20	20	17
5001431701	Paraprionospio pinnata	16					76
5001440104	Megalona rosea	10	75	151	152	59	136
5001440109	Megalona phyllisae						
5001460101	Poecilochaetus johnsoni	1					
5001460101	Chaetopterus varlopedatus						
5001460303	Spiochaetopterus oculatus	7	2		5	1	
5001500105	Cirratulus hedgpethi	1					
5001500307	Tharyx marioni		1				
50015007	Timareta		4	6	5	5	3
5001580204	Armadia maculata	1					
5001600101	Capitella capitata						
5001600306	Notomastus latericeus			2	1		
5001600402	Mediomastus californiensis	76	60	43	26	94	40
50016302	Gclymene						
500163020201	Clymeneella torquata calida		1				1
5001640102	Owenia fusiformis						
5001640102	Myriomenia californiensis	13	1	7	17	3	5
5001640302	Pectinaria gouldii	3		4	5	1	4
5001670208	Ampharete acutifrons						
5001670211	Ampharete americana	4		1	7	2	4
5001670202	Leimia viridis	27	41	38	60	39	72
5001700104	Chone duneri				1		
5001700402	Megalomma bioculata				6	8	
5103230205	Gastropoda	4	2				8
5103230205	Virgularia floridana						
510372	Naticidae	1					1
5103760204	Natica pusilla	1			1		
5105030501	Cosmioconcha calliglypta			3			
5105040401	Cantharus cancellarius	6			2		
51050801	Gnassarius						
51080101	Gdostomia	4					
5110010101	Aceon punctostriatus	1			1		
5114020201	Mullus krebii				1	1	

55	Bivalvia						10	
5502020204	Nucula proxima	1	1					2
5502040213	Nuculana concentrica	1	1	2		1	1	2
550601	Arcidae	2		7				1
5506010202	Anadara ovalis			3				1
5515050104	Diplodonta soror							
551522	Cardiidae	1						
5515550301	Mulinia lateralis	10	2	8	2	3	3	
5515550701	Raeta plicatella	1						
5515290202	Solen viridis		2		1	3		
5515310123	Macoma pulleyi	1						
5515310209	Tellina versicolor	6	43	57	38	25	56	
5515350201	Ahra aequalis	102	60	122	96	94	93	
5515471501	Chione clenchi			1	2	3	2	
5517020201	Corbula contracta	2	1	6				
552008	Thraciidae	1						
6111040199	?Saxifella gettlesoni	1						
6154050801	Oxyurostylis smithi			1				1
61620208	GPentidotea			1				
6168	AAmphipoda		6					
6169020108	Ampelisca abdita	2	1	7	12	7		
6169260299	?Photis macromanus				1	1		
6171010901	Paracaprella tenuis					1		
617701	Penseidae							
6177020101	Acetes americanus		1					
6179170101	Processa hemphilli					1		
618306	Paguridae							
61830602	GPagurus (decapoda)	1						
6183060232	Pagurus pollicaris	1						
6183060237	Pagurus bonairensis							2
6183120301	Euceramus praelongus			1		1		
6184	ABrachyura			3	3	4	1	
61890106	GPortunus			3	2			
6189020601	Hexapanopeus angustifrons	1	1			1		
61890604	GPinnixa	1						
6191010101	Squilla empusa			1	1			
7200020190	?Golfingia bulbosa	11	12	7	13	8	5	
7200030199	?Aspidosiphon albus	2		1	4	12		
7700010203	Phoronis architecta	6	3	3	18	1	11	
8106010502	Astropecten duplicatus	1						
8129020201	Hemiphysalis elongata	1						
812903	Amphiuridae							
8129030102	Amphiodia atra		1	3				
8172060306	Pentamera pulcherrima			1		1		
82010201	Balanoglossus			11	14	10	6	
885A0201	GSymphurus				1			



Code	Organism name	A	B	C	D	E	F
3700010501	<i>Clytia cylindrica</i>						
3750010101	<i>Polythoa texensis</i>		32				35
3760010299	? <i>Anthopleura krebsi</i>	2	4	5		2	1
3760020201	<i>Peranthis rapiformis</i>	3		3	3		
3760040101	<i>Calliectis tricolor</i>						1
3901	Turbellaria						
43	Rhynchocoela						
4303020209	<i>Cerebratulus lacteus</i>	38	63	99	66	71	35
47051002	GSebatieria	1		1	3		
4711111	Phanodermatidae		1				
4711114	Oncholaimidae		1	1	3		
500102	Polynoidea	2					
5001021104	<i>Lepidonotus sublevis</i>			2	3		
500102118	GLeptodermatidae	7	3	5	3	6	7
5001060302	<i>Sthenelais boa</i>	7		5	3		2
5001100302	<i>Pseudeurythoe ambigua</i>						
5001130110	<i>Anatidea erythrophyllus</i>	1		5	7	4	1
5001210103	<i>Gyptis vittata</i>	3		1			1
5001520103	<i>Ancistrosyllis jonesi</i>			1		9	
5001520103	<i>Sigambra tentaculata</i>	1	8	4	9		5
5001520103	<i>Ceratonereis irritabilis</i>	1					
50012404	Nereis			2		2	
5001240410	<i>Nereis succinea</i>		16	11	2	9	
5001250115	<i>Nephtys incisa</i>	2					
5001270104	<i>Glycera americana</i>			2		3	
5001280104	<i>Glycyde solitaria</i>						1
5001290201	<i>Diopatra cuprea</i>	33	29	42	31	32	25
5001310113	<i>Lumbrineris tenuis</i>			1	1		5
5001410201	<i>Aricidea suavis</i>	6				1	
5001410214	<i>Aricidea fragilis</i>	7					
50014304	Gpolydora				17	153	
5001430402	<i>Polydora socialis</i>		109	6			58
5001430411	<i>Polydora ligni</i>			2		2	
5001430502	<i>Prionospio cirrifera</i>	3	2		18	2	
5001430507	<i>Prionospio pygmaea</i>						
5001430508	<i>Prionospio cirrobranchiata</i>						
5001430510	<i>Prionospio cristata</i>						
5001431001	<i>Spiothanes bombyx</i>		3				
5001431701	<i>Paraprionospio pinnata</i>	84	67	81	130	48	79
5001440104	<i>Megalona rosea</i>		3				
5001440109	<i>Megalona phyllisae</i>	2	6	14	8	1	8
5001460101	<i>Poecilochaetus johnsoni</i>		1				
5001490303	<i>Spiochaetopterus oculatus</i>	2	2	2	1	1	4
5001500303	<i>Tharyx marioni</i>						1
5001520103	<i>Caesura delta</i>						
5001580204	<i>Armandia maculata</i>			1			
5001600306	<i>Notomastus latericeus</i>		7			1	
5001600402	<i>Mediomastus californiensis</i>	6		5	66		10
5001630103	<i>Aavchis elongata</i>			3			
5001630201	<i>Clymenella torquata calida</i>					1	3
5001630203	<i>Clymenella zonalis</i>		1			2	
5001640103	<i>Owenia fusiformis</i>		1		4		
5001650203	<i>Sabellaria vulgaris</i>			1			
5001660302	<i>Pectinaria gouldii</i>			2	3		
5001670208	<i>Ampharete acutifrons</i>		4		13		2
5001670211	<i>Ampharete americana</i>	29	71	52	69	79	31
5001680707	<i>Pista palmata</i>						1
5001682082	<i>Lolita viridis</i>	1					
5001700402	<i>Megalomma bioculata</i>		4	4	4	6	5
501	Gastropode			1		2	
5103230205	<i>Vitrinella floridana</i>				4		
510376	Naticidae					1	
5103760204	<i>Natica pusilla</i>						
5103760407	<i>Polinices duplicatus</i>					1	
5103760501	<i>Sinus perspectivus</i>			2			1
5105040401	<i>Cantharus cancellarius</i>						
5105080106	<i>Nassarius acutus</i>			1			
51080101	Gdostopoda				1	1	
5110130101	<i>Velutella texasiana</i>	2			3		3
5102020504	<i>Nucula proxima</i>						
5102040213	<i>Nuculana concentrica</i>	3		27	28	11	8
550601	Arcidae						
5515250301	<i>Mulinia lateralis</i>		1	29	15	5	22
5515310123	<i>Macoma pulleyi</i>				4		
5515310503	<i>Tellina venicolor</i>		4	21	26	6	5
5515310501	<i>Abra aequilis</i>	7	22	67	45	5	21
5515471601	<i>Aprionoma texasiana</i>					1	
55154715	GChione						
5515471501	<i>Chione clenchi</i>						2
5515480102	<i>Petricola pholadiformis</i>	2	4	14	4	14	5
5517020201	<i>Corbula contracta</i>			1	1	4	

5518010401	Barnes truncata		1		1	1	1
6154050801	Oxyurostylis smithi						
61620208	GPentidotea			1	2		1
6168	AAmphipoda			2			
6169020108	Ampelisca abdita	1	1	1	5	1	2
61691502	GCorophium			3			
6169150703	Unciola irrorata						
6169260299	?Photia macronanus				1		2
6169371401	Synchelidium americanum						
6171010901	Paracaprella tenuis			1			
617701	Penaeidae						
6179140301	Automate evermanni			2			
6179170101	Processa hemphilli						
618306	GPauridae						1
61830602	Pagurus (decapoda)					2	
6183060237	Pagurus bonafrensis						
6184	ABrachyura		1	5	2		6
61890106	GPortunus				1		
6189020601	Hexapanopeus angustifrons						
61890604	GPinnixa		2	6	4	4	3
61910101	GSquilla						1
7200020199	?Golfingia bulbosa	14	4	7	2	4	14
7200020401	Phascolion strombi	2					
7200030198	?Aspidosiphon spinalis	1					
7200030199	?Aspidosiphon albus	8	1		2	2	14
73	Echiura	1		1		20	14
7700010203	Phoronis architecta			1	5		1
8129030102	Amphiodia atra	5	1			4	
8172060306	Pentamera pulcherrima	4				1	
82010201	Balanoglossus	1	5	1	6	13	

Code	Organism name	A	B	C	D	E	F
34530301	Elenticulina	1		1	1		3
3453560104	Eponides antillarum		5	5	2		14
3453670199	?Cibicides concentricus	5		26	30	21	67
3516	Ciliates holotrichia gymnostomatida rhabdophrina		5				
47030402	Rhynchocozia	2		2	3	7	23
47041001	Godontophora					1	
47051002	GDeriatopsis				1		
47051004	GSabatieria	1		1		1	2
471103	Metacoenosea					1	
47110401	Ironidae			1	3		1
471104	GAnticoma					5	
471104	Enoplidae				2		4
471104	Onchociridae				2		1
500102	Polynoidae					1	
5001060302	Sthenelais boa	2	1	1	2		5
5001100302	Pseudeurythoe ambigua			2	6		9
5001210103	Hesionidae		2				
5001210403	Cyrtis vittata					1	
5001210403	Ophiodonella obscura					1	
5001220105	Ancistrosyllis longi		1				
5001220201	Sigambra tentaculata			2	2	4	3
500124	Nereidae						
5001240103	Ceratonereis irritabilis				2		6
50012404	Nereis	12	9	25	15	18	18
5001240410	Nereis succinea		3				
50012404	GCeratocephale			1			
5001270104	Glycera americana		1	1	3	4	3
5001280206	Gonada teres						
5001290112	Onuphia nebulosa	1			2		
5001290201	Diopatra cuprea			8			
5001290103	Lumbrineris tenuis	10	4		7	12	8
5001290102	Schistomeringos caeca		1				
5001410201	Aricidea suecica						
5001410214	Aricidea fragilis	24	29	35	15	23	58
5001410301	Paraonis gracilis			30	14	63	
5001430201	Leonice cirrata		1		1		
5001430201	Prionospio cirrifera	2			3	4	1
5001430507	Prionospio pygmaea		4	2	7	2	
5001430508	Prionospio cirrobranchiata					1	
5001430510	Prionospio cristata						5
5001431701	Paraprionospio pinnata	17	15	33	33	66	56
5001440104	Megalona rosea					3	
5001440109	Megalona phyllisae	3	1	3	2	4	1
5001440199	?Megalona filiformis						
5001500105	Cirratulus hadonethi			1			
5001500304	Tharyx setigera		1		1	3	
5001500307	Tharyx marioni	6	18	29	21	39	28
50015007	Tiarete	1					2
5001520103	Coapsura delta			2	3	8	
50016004	GDiplocirrus		1				
5001600306	Notomastus latericeus	3			2	1	3
5001600402	Mediomastus californiensis	17	35	47	25	156	75
5001630103	Aechmia elongata				1		
5001640102	Owenia fusiformis		1	1	1		
5001660302	Pectinaria gouldii	1		1	1		1
5001670211	Ampharete americana		1				
5001682301	Ampharete trilobata		2		1	1	
5001690101	Terebellides stroemli			1			1
500170	Sabellidae		3				6
50017001	GChone			5	5	6	
50017001	Salvinia						
500170205	Vitellina floridana	4		3			1
50017030401	Niso eglees						1
510376	Naticidae		1				
5103760407	Polinices duplicatus						2
5105040401	Cantharus cancellarius				1		
106902	Turridae						
510690101	Terebra dislocata	2			1		
51080101	GChama						
5110050106	Philine sagra				1		
5110130202	Volvutella persimilis				1		
5110130301	Pyrunculus caelatus				1		
511020204	Bivalvia	1	5				1
511020213	Nucula proxima	1	9	9	6	5	2
511020213	Nucula concentrica	8	9	6		11	1
511020213	Linga amiantus						1
511020213	Thyasiridae					1	
511020213	Raeta plicatella						
511020213	Macoma pulleyi				6		
511020213	Tellina versicolor	10	6	1	8	1	8
511020213	Abra acutalis	1					

5515471501	Chione clenchi								
5517020201	Corbula contracta	2	3	6				5	2
5520020110	Pandora bushiana			5					
552005020601	Lyonsia hyalina floridana						1		1
55201001	GCardiomya						1		
6111040106	Sarsiella disparalis	1	1				1		
6111040199	?Sarsiella gettlesoni						2		
61132502	Actinocythereis						1		
6119040101	Longipedia helgolandica			2			1		
6153012101	Mysidopsis bigelowi						1		
6153012199	?Mysidopsis turca		3	1					
6154050801	Oxyurostylis smithi						2		
61540701	GCampylaspis		1				1		4
61540902	GCyclaspis							3	
6169020110	Ampelisca verrilli	1	4	3			7	1	6
61690603	GLembo		1	3					
6169060303	Lembo smithi							2	
616915	Corophiidae						1		
6169150999	?Grandidierella bonneroides								
6169260299	?Photis macromanus	1	1	16			14	4	11
6169330301	Listriella barnardi						1		
6169370820	Monoculodes edwardsi	6							
6169371401	Synchelidium americanum						11	1	2
61791405	Alpheopsis		2	2					
6179170101	Processa hemphilli		1				1		
6183069999	?Nematopaguroides fagei								1
6184	ABrachyura	1	1						2
618905	Goneplacidae							1	
6189050401	?Goneplacus lobatus								
7200020199	?Colpinnia bulbosa	4	4	1			3	1	4
7200020401	Phascolion strombi							7	
7200030197	?Aspidosiphon cumingii								1
7200030199	?Aspidosiphon albus	1	1	1					
7700010203	Phoronis architecta	3							
7815040499	?Cupuladria biporosa								
8106010502	Astropecten duplicatus	5	13	4			10	4	10
8741130802	Myrophis punctatus			1					

780503PE20002B7 T.H

MACROINFAUNA - TAXONOMY

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12/18/79

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Code	Organism name	A	B	C	D	E	F
3450320401	Ammoscalaria pseudospiralis					1	
34530301	Genticulina			14	1	1	26
3453550104	Eponides antillarum	17	1	47	11	28	156
3453670199	?Cibicides concentricus			2	5	8	1
43	Rhynchocella						
470401	Linguloides						
47051001	GDorylaimopsis		1			1	
47051002	GSabatieria	1		1			
471111	Phanodermatidae					1	
471113	Oncholaimidae			2			2
5001021104	Lepidonotus sublevis					1	
50010218	Gepidasthenia						
5001060302	Sthenelais boa			1		4	
5001100302	Pseudeurythoe ambigua			1			5
5001210402	Ophiodromus obscuro			1		1	
5001220103	Ancistrosyllis jonesi		3				1
5001220201	Sigambra tentaculata						
500124	Nereidae						
5001240103	Caratonereis irritabilis	1					6
50012404	GNereis	8		6	16	7	9
5001240410	Nereis succinea	1		1			1
50012404	GCeratocapsula						
5001250115	Nephtys incisa	1			1		
5001250116	Nephtys magellanica					2	
5001270104	Glycera americana	2	4	2	1		4
5001280206	Goniada texas						
5001290112	Onuphis nebulosa			1		1	1
5001290201	Diopatra cuprea						
5001300201	Marphyse sanguinea	1					
5001310113	Lumbrinaris tenuis	8	13	14	13	14	16
500136	Dorvilleidae						
5001410201	Aricidea suecica						72
5001410214	Aricidea fragilis	18	16	2		4	1
5001410301	Paranais gracilis						5
5001410601	Cirrophorus lyriformis	1	4	8		1	
5001430503	Prionospio cirrifera						
5001430507	Prionospio pygmaea						
5001430508	Prionospio cirrobranchiata						
5001430510	Prionospio cristata						
5001431701	Paraprionospio pinnata	25	58	33	83	53	59
5001432301	Microspio pigmentata	1					1
5001440109	Megalomma phyllisae			2	1		
5001440199	?Megalomma phyllisae						
5001460101	Poecilochaetus johnsoni	3		1			
5001500105	Cirratulus hedgpethi		1				
5001500304	Tharyx setigera						
5001500307	Tharyx marioni	9	9	5	6	11	22
50015007	Therete						
5001520103	Cassius delta					2	
50015404	GDiplocirrus	1					
5001560204	Armadia maculata						
5001600306	Notomastus latericeus	15	6	2	45	43	93
5001600402	Mediomastus californiensis						
5001630203	Clymanella zonalis						
5001640102	Duenia fusiformis						
5001660302	Pectinaria gouldii	1	1				
5001670211	Ampharete americana						
5001682301	Amasene trilobata	1	2	3		5	2
5001690101	Terebellides stroemii						
500170	Sabellidae		8				10
50017001	GCheone	3			2		
5001700402	Megalomma bioculata						
51	Gastropoda	1					
5103230205	Vitrinella floridana		3		2	1	1
5103530401	Niso seglees			1			
5105030501	Polinices duplicatus					2	
5105030501	Cosmiconcha caliglypta		1				
5105040401	Cantharus cancellarius						
5106040101	Terebra dislocata						
5110010101	Acteon punctostriatus						
5110040104	Acteocina candel			1			
5110130201	Volvuteilla texastiana						
5110130301	Pygunculus caelatus						
55	Bivalvia						
5502020204	Nucula proxima	1			7	1	10
5502040213	Nuculana concentrica					6	11
55070105	GDacrydium						
5509100105	Lima jacksoni						
551201	Lucinidae						
5512010601	Linga amantus					2	1
551502	Thyasiridae			1			
5515200102	Crassinella lunulata					1	

5515250701	Raeta plicatella							1
5515310269	Tellina versicolor	2	8	13	10	6		7
5515350201	Abra aequalis	1	2	12		4		6
5515471501	Chione clenchi	4	3	3		4		4
5517020201	Corbula contracta	5	8	4		12		21
5520020110	Pandora bushiana		1	1				1
552005020601	Lyonsia hyalina floridana							1
55201001	GCardiomye	1			1			1
61110401	Sarsiella (ostracoda)	1						1
6111040106	Sarsiella disparalis	3	2	1	1	2		2
6111040199	?Sarsiella gattlesoni							2
6111050301	Euconchoecia chierchiai							2
6111070101	Harbansus paucichelatus							2
61130901	Pterygocythereis							1
6113110101	Protocytheretta daniana							1
61132502	Actinocythereis							1
6119040101	Loncipedia helgolandica	1	2		8			4
6119090101	Microsetella norvegica					1		1
6154050801	Oxyurostylis smithi					1		1
61540701	GCampylaspis			1	2	1		2
61540902	GCyclaspis	1	1	1	1	6		2
6169020108	Ampeliscia abdita	2				1		1
6169020110	Ampeliscia verrilli		4	1		4		1
6169020111	Ampeliscia agassizi			1				1
6169020117	Ampeliscia cristoides					3		2
61690603	GLemhos							2
6169260299	?Photis macromanus	23	14	3	7	53		31
6169330301	Listriella barnardi		1			2		1
6169330399	+Listriella quintana	3						1
6169370820	Monoculodes edwardsi							2
6169371401	Synchelidius americanum		1	1	2	3		2
6175	ADecapoda (arthropoda)					3		1
6179140301	Automate evermanni				1			1
61791405	Alpheopsis							1
6184	ABrachyura				1			1
6189050401	Speocercinus lobatus							1
7200020198	?Golfingia trichocephala		1					1
7200020199	?Golfingia bulbosa	6	8	7	9	12		4
7200030199	?Aspidosiphon albus	4		5		5		2
7700010203	Phoronis architecta							2
7815040403	Cupuladria doma	140	58		50	86		230
7815040499	?Cupuladria biporeta	35		11		75		10
80020102	Lingula					1		1
8106010502	Astropecten duplicatus	3	2	7	17	3		10
812903	Amphiuridae					1		1
8129030105	Amphiodia trychna	1			1	1		1
8791020101	Bregmaceros atlanticus		1	1				1

Code	Organism name	A	B	C	D	E	F
3453560104	Eponides antillarum		1		1		
3453670199	?Eubicoides concentricus		4		1		
43	Rhynchocoela	5	11	2	25	0	5
470401	Linhomoeidae	2			3		
47051001	Gdorylaimopsis		12		3		
47051002	Sabatieria	3			6		
47051003	Cyatholaimidae						1
471103	Ironidae	1	1				
47110401	CAnticoma		4		3		
471112	Enoplidae		2				
5001021104	Lepidonotus sublevis						
5001060302	Sthenelais boa					1	
5001100302	Pseudeurythoe ambiguus		7	3			4
5001130110	Anatitides erythrophyllus				1		
5001210103	Cyrtis vittata	1					1
5001250103	Ancistrostylis hartmanae		1				
5001250103	Ancistrostylis jonesi		4	1	3		1
5001250201	Sigambra tentaculata						
500125	Syllidae	1					
5001240103	Ceratonereis irritabilis	1	12	5	8	6	2
50012404	Gerania	10	11		6		10
5001270115	Nephtys incisa				3		
5001270104	Glycera americana	1	3	3	3	2	1
5001280104	Glycyde solitaria				1		
5001280106	Glycyde nordmanni			1			
5001280206	Goniodereis		1				
5001290112	Onuphis nebulosa					1	
5001300201	Merphysa sanguinea			1			
5001310112	Lumbrineria tenuis	8	10	9	4	12	4
5001320102	Schiatorerigos caeca		1				
50014102	Arctidae	10					
5001410201	Arctidea suecica						
5001410214	Arctidea fragilis		25	6	5	6	3
5001410301	Peraonis gracilis	1	30	22	37	11	16
5001410501	Prionospio lyriformis			1			1
5001430501	Prionospio clavigera	5	25		32	4	3
5001430507	Prionospio pygmaea						
5001430508	Prionospio cirrobanchiata	2		1		18	
5001430510	Prionospio cristata	8	15	10	10	6	5
5001431001	Spiophanes bombyx			1			
5001431011	Paraprionospio pinnata	8	34	16	60	1	8
5001440101	Microspio pigmentata						
5001440104	Magelona rosea					1	
5001440109	Magelona phyllisae			2			
5001440199	?Magelona filiformis	3		1	8	1	3
5001500105	Cirratulus hedgpethi						
5001500304	Tharyx setigera	1				1	1
5001500307	Tharyx marioni	7	6	3	8	2	1
50015007	Linaria						
5001520103	Cosmura delta						
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis		17	3	12		
5001630103	Axychia elongata						
5001630203	Clymenella zonalis		1		1		
5001670208	Amphete acutifrons						
5001682301	Amesoa trilobata		1	2		2	2
500170	Sabellidae		6		5		
51021001	GCelliostoma						
5103310101	Architectonica nobilis	1					
51080101	GDistomatia		1				
511030202	Nuculilla parvifolia	1					
55	Bivalvia						
5502020204	Nucula proxima	4		2	2	3	3
5502040213	Nuculana concentrica	1	2				
5509100105	Lima locklini						
5512050104	Diplodonta soror						
5512050109	Tellina vesicolor						
5512050201	Abra aequalis	3	7	1	10	2	3
5512050201	Abra aequalis				6		
5512071801	Aprionoma texaniana						
5512071501	Chione clenchi						
5517020201	Corbula contracta	3		2			
5520070199	?Periploma orbicularis		8		5	1	
61110302	Ascaropella		1				
6111040106	Sarsia disparalis	2			1		1
6111040199	?Sarsia gettlesoni	1					
6119040101	Longipedia heigoldiana		4		6		18
61190901	Pseudobrydia						
6124050801	Oxyurostylis smithi	1	1				
61240701	Campylaspis	1	1			2	
61540902	Cyclops						
6168	AAmphipoda			2		1	

6169020108	Ampelisca abdita					1		1
6169020110	Ampelisca verrilli		2					
61690603	Glenbos	1				1		
6169260299	?Photis macromanus	4	8			4	3	2
6169330301	Listriella bernardi					2		
6169370820	Monoculodes edwardsi					4	1	2
6169371401	Synchelidium americanum							
6177010202	Trachypenaeus similis		2					
6179140103	Alpheus floridanus		1			1		
6179140301	Automate evermanni	2	2					
6183060237	Pagurus bonairensis	1					1	
6184	Brachyura							
6187020201	Leiolanbrus nitidus					3		
6189050401	Speocarcinus lobatus		2			1	1	1
6189059999	?Frevillea barbata		1					
7200020198	?Golfingia trichocephala					2		
7200020199	?Golfingia bulbosa	6	6			2	9	6
7200030199	?Aspidosiphon albus	13						2
7815040402	Cupuladria doma					1		2
8106010502	Astropecten duplicatus	5	5			2		
8120	Ophiuroidea							
812903	Amphiprionidae							
8129030903	Amphionus confortodes							1
874701	Clupeidae					1		



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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3453380199	?Bullinella morgeni			1			1
3453540104	Rosalina floridana						1
3453550104	Eponides antillarum						1
34535670199	?Cibicides concentricus			5	2	1	3
3723	Ceriantipatharia ceriantheria					1	1
3756010101	Palythoa texensis	1				1	1
3758	Zoentheria actinieria						1
37590101	GEwardia	1					
3760010299	?Anthopleura krebsi						1
43	Rhynchocoglia	1	7	3	1	5	7
470401	Linhocoidra						1
47051001	GDorylaimopsis						1
47051002	GSabatieria		2				1
47110401	GAnticoma		1				1
471112	Enoplidae			1			
471114	Oncholaimidae					1	1
50010218	Lepidasthenia					1	1
5001060302	Sthenelais boa	3	2		1		1
5001080103	Palaenotus heteroseta					1	1
5001100302	Pseudeurythoe ambigua	2	6	4		2	14
5001130110	Anaitides erythrophyllus						1
5001140207	Etaxone heteropoda						1
5001151013	Gyrtis vittata						1
5001210402	Ophiodromus obscura				2		
5001220103	Ancistrostylis jonesi	1					1
5001220201	Sigambra tentaculata						1
200124	Nereidae			1	1		2
50012404	Nereis	1					
5001240410	Nereis succinea						1
5001250114	Nephtys buxera	5					1
5001250115	Nephtys incis						1
5001250116	Nephtys magellanica						1
5001250303	Aglaophamus verrilli						1
5001270104	Glycera americana	1	2	3			1
5001280106	Glycynda nordmanni						1
5001290206	Coniada teres						1
5001290112	Onuphis nebulosa						1
5001290201	Dionatra cuprea						1
5001300201	Marphysa sanguinea						1
5001310113	Lumbrineris tenuis			3	7	7	6
5001400307	Scoloplos rubra						1
50014102	Aricidae						1
5001410201	Aricidea suecica						1
5001410214	Aricidea fragilis						1
500143	Spionidae	1			2		
5001430201	Leonice cirrata						1
5001430502	Prionospio cirrifera						2
5001430507	Prionospio pygmaea		2				
5001430508	Prionospio cirrobranchiata						1
5001430510	Prionospio cristata						1
5001431001	Spionophanes bombyx						2
5001431701	Paraprionospio pinnata		5				7
5001432001	Scolelepis squamata						1
5001440108	Magelona rassa		1				1
5001440109	Magelona phyllisae						1
5001440101	Pocillochaetus johnsoni						4
5001500304	Tharyx setigera						1
5001500307	Tharyx marioni		2				5
5001520103	Cosaura delta						1
5001600306	Notomastus latericeus		3				1
5001600402	Mediomastus californiensis						1
5001630103	Asychis elongata						1
5001640102	Owenia fusiformis		6				3
5001660302	Pectinaria gouldii	1					
500167	Ampharetidae						1
5001670208	Ampharetia acutifrons						1
5001680101	Pista cristata						1
5001682301	Anaspea trilobata		2		6	4	2
500170	Sabellidae						1
50017001	GChone		7				
5001730902	Hydroidea protulicola						1
50017501	Grubeulepis						1
5106030101	Terebra diocata						1
5202020208	Nucula proxima	1		1		1	1
551502	Thyasiridae						1
5515050104	Diplodonta sporor						1
5515200102	Crassinella lunulata						1
5515210109	Macoma pullayi						1
5515350201	Tritilina versicolor						1
5515350201	Abra aequalis		1	1	1	4	1
5515470901	Dosinia diacus						1
5515471501	Chione clenchi			1			

5517020201	Corbula contracta	7	20	10	17	7	39
5517020301	Varicorbula operculata			1			1
55201001	GCardiomya						1
6110	Ostracoda					1	
6111040106	Sarsiella disparalis		1				1
6111040199	?Sarsiella gettlesoni						1
6111070101	Harbansus paucichelatus						1
6119040101	Longipedia helgolandica		2	1			
6154050801	Oxyrostylis smithi		1	4	5		
61540701	GCamysiaspis	1		4	4	3	1
61540902	GCyclaspis	2		4	4	4	
61560301	Apseudes						
6160010701	Xenanthura brevitelson	1	6	2	3	6	7
616202	Idoteidae			1			
61650406	GProbopyrus						
6169020110	Ampelisca verrilli		1				
6169020111	Ampelisca agassizi	13	11	4	8	6	10
6169020117	Ampelisca cristoides		5	5	1		
61690302	Amphilocheus		1	2	3	4	
6169030299	+Amphilocheus neapolitanus	2		1			
616915	Coronhiidae					9	
6169150102	Cerapus tubularis			2			1
6169150703	Unciola irrorata			9	2		
6169150999	?Grandidierella bonneroides	6	4	5	15	4	1
6169260299	?Photis macromanus						2
6169330301	Listriella barnardi	28	61	43	38	40	15
6169370820	Monoculodes edwardsi				1		
6169371401	Synchelidium americanum	3	4	12		1	
617701	Penaeidae	1		1		2	1
61790502	Leptochele (decapoda)						
6179140103	Alpheus floridanus				1		
6179140301	Automate evermanni		1				
6183069999	?Nematopaguroides faeai	1				1	
6183120301	Euceramus draelongus	1					
61890503	Goneplax			1			
6189050401	Speocarcinus lobatus			3			
6189050601	Glyptoplax smithii					1	
61890605	GParapinnixa						1
6189060501	Parapinnixa hendersoni						1
72	Sipuncula			120			
7200020198	?Sipuncula trichocephala	3		10			
7200020199	?Golfingia bulbosa	49		68	38	33	63
7200030197	?Aspidosiphon cumingii			9			
7200030199	?Aspidosiphon albus	4		9	7	8	5
7700010203	Phoronis architecta	2		4			
7815040402	Cupuladria doma	90	100				50
7815040499	?Cupuladria biporosa				300	75	
7815150201	Discoporella umbellata	100					25
8106010503	Astropecten duplicatus	5	2	9	2	1	1
8129030105	Amphiodia etra					1	
8129030105	Amphiodia trychna						
81290309	GAmphiodius						1
8172060306	Pentamera pulcherrima	1	2	1		7	2
87A7020203	Antennarius radiosus	2				2	1

Code	Organism name	A	B	C	D	E	F
34530301	Genticulina						
3453560104	Eponides antillarum		1		1		3
3453670199	?Cibicides concentricus			2	1		3
3530	Ciliates peritrichia peritrichida	1		1			
353101	Epistylidae						
3760010299	?Anthopleura krebsi						
43	Rhynchocypella	6	2	2	5	2	11
470401	Linhomoeidae		1			1	1
470503	Desmodoridae						
47051001	GDorylaimopsis						2
47051002	GSabatieria	2	1		2	1	
47110401	GAnticoma						
471111	Phanodermatidae						
471112	Enopliidae						1
471114	Oncholaimidae						
5001060302	Sthenelais boa						2
5001100302	Pseudeurythoe ambigua	2		1		1	1
5001220102	Ancistrosyllis hartmanae			1			
5001220103	Ancistrosyllis jonesi						
5001520201	Sigambra tentaculata						
500153	Syllidae	1	3		1		
500154	Nereidae						
5001240103	Ceratonereis irritabilis		1	6	4	3	
50012404	GNereis	15	14	10	5	7	22
5001240410	Nereis succinea			1			
500124047	GNeritocapella						
5001250115	Nephtys incisa	2	1		1		
5001270104	Glycera americana	6	3	2		1	2
5001280106	Glycinde nordmanni						
5001280204	Goniada teres					1	
5001290201	Diopatra cuprea	1					1
5001300201	Murphyssa sanguinea						
5001310113	Lunbrineris tenuis	10	8			9	9
5001360102	SSchistomeringos caeca						
5001400307	Scoloplos rubra						
5001410201	Aricidea suecica	7	14	11		1	13
5001410204	Aricidea fragilis	39	4	40	15	18	
5001430502	Prionospio cinctifera	1					
5001430507	Prionospio pygmaea	6					
5001430508	Prionospio cirrobranchiata						
5001430510	Prionospio cristata	1					
5001431001	Spinthanes bombyx						
5001431701	Paraprionospio pinnata	19	20	65	11	20	5
5001440104	Megalona rosea					1	
5001440109	Megalona phyllisee						
5001440181	Paecilochaetus johnsoni	3					
5001500105	Cirratulus hedgpethi						
5001500304	Tharyx setigera						2
5001500307	Tharyx marioni	38	6	4	10	17	
5001520103	Cosaura delta						
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis	6	12	10	11	3	2
5001682301	Ameaena trilobata						
5001690101	Terebellidae stromii						
200170	Sabellidae						
50017001	GChone					5	
5103230205	Vitrinella floridana	4	6	15		5	
5103530401	Niso aegeles						
51080101	GDostomia						
5110010101	Acteon punctostriatus						
5110050106	Philine sagra		1				
5110130201	Valvulineria texasiana						1
55							
5502020204	Nucula proxima	11		1	17	10	9
5502040213	Nuculana concentrica	9		1	10	1	10
5509100105	Lima locklini						
5515050104	Diplodonta soror						1
5515050102	Crassinella lunulata						
5515050109	Tellina versicolor						
5515350201	Abra aequalis	1					1
5515471501	Chione clenchi						1
5517020201	Corbula contracta						
5520020110	Pandora bushiana			1	9	5	11
6110	Dactylocauda						
6111050301	Eucosmoechia chierchiae						
6111070101	Harbansus paucicostatus	5	3	7	11	4	37
61130901	Pterygocythereis						1
6119000101	Longipedia helgolandica				6		
6154	Acumacea	1					1
6154050801	Oxyurostylis smithi		1				
61540701	GCampylaspis						
61540901	GCyclaspis	2		1		3	1

6169020110	Ampelisca verrilli			1				1
6169020117	Ampelisca cristoides	1		1				1
61690603	Glembos		5					
6169260299	?Photis macromanus	3		3			2	2
6169370820	Monoculodes edwardsi	1	1	3				2
6169371401	Synchelidium americanum		1				2	2
6177020101	Acetes americanus						1	1
6179140301	Automata evermanni				2			
6179170101	Processa hemphilli			1				
6184	Arachyura	1		1				
6189050401	Speocarcinus lobatus		1			1		
7200020199	?Golfingia bulbosa	3	6	7			1	13
7200030199	?Aspidosiphon albus	1						2
7700010203	Phoronis architecta	1					2	
7815040499	?Cupuladria bioorasa	100	1					
8106010502	Astropecten duplicatus	3	4	6		4	2	8
8129020301	Ophiactis savignyi							1
8791020101	Bredmaceros atlanticus							1

Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus			1			
3760010299	?Anthopleura krebsi		2				
4303020209	Rhynchocoela lacteus	24	7	7	22	7	16
47051001	Gorylaimopsis	1			3		
47051002	GSabatieria	7	1	1	3		3
471114	Gnatholaimidae	3					
500102	Polynoidae				1		
5001100302	Pseudeurythoe ambigua	2		3			
5001130110	Anatides erythrophyllus	2	1				
5001220201	Sigambra tentaculata		3	3	4	2	1
5001220502	Synelmia albini	2					
5001220801	Parandalia ocularis					1	
500124	Nereidae	1	1	2			1
50012404	Gnereis				1	1	
5001240410	Nereis succinea				1	1	
5001250115	Nereis incisa	12	9	5	10	8	11
5001270104	Glycera americana					1	
5001290201	Diopatra cuprea			2			
5001310113	Lumbrineris tenuis	20	10	13	15	14	10
5001310204	Ninoe nigripes	6	2	3			2
5001360102	SSchistoserpingos caeca	10					
5001410201	Aricidea suecica	19	8	8	4	9	10
5001410214	Aricidea fragilis		4		3	8	
5001410301	Parsonis fragilis	4	4				4
5001410601	Clinoporus lyelliformis	1		2			6
5001430201	Laonice cirrata						1
5001430502	Prionospio cirrifera	24	20	28	2	1	23
5001430507	Prionospio pygmaea				1	6	
5001430508	Prionospio cirrobranchiata	2					
5001431001	Spiophanes bombyx					1	
5001431701	Paraprionospio pinnata	102	82	42	84	105	92
5001440104	Magelona rosea						1
5001440109	Magelona phyllisae	3		2			
5001440199	?Magelona filiformis				5	5	1
5001500307	Tharyx merionii	4	6	3	6	6	8
5001520103	Cosmina delta	2	2	1	6	6	7
50015404	GDiplocirrus	2					
5001540204	Armadia maculata		5	2		1	
5001600306	Notomastus latericeus		1	1		1	
5001600402	Mediomastus californiensis	50	39	32	94	58	36
5001660302	Pectinaria gouldii			1			
500170	Sabellidae	1					
500170	Gastronoda	1					
51032003	GCingula		1		1		3
5103210205	Vitrinella floridana					1	3
5103230503	Tenostoma parvialium		2	5			5
5105030501	Cosmioconcha calliolypta	13	2		1		1
5110130201	Volvullella texasiana						
55	Bivalvia		4		30		
5502040213	Nuculana concentrica		1	2	3	1	3
5515310123	Mecoma pulleyi				1		
5515310209	Tellina versicolor				1		
6112550201	Abra aequalis	6		2	29	4	1
611271501	Chione clenchi		1				
611020201	Corbula contracta	12	6	6	1	3	3
6111050501	Euconchoecia chierchiae						1
6119040101	Longipedia helgolandica			1			
6154040213	Eudorella monodon	6					1
61560301	Apsudes	2					
6169020108	Ampelisca abdita			2	3		
6169020110	Ampelisca verrilli						
6169150703	Unciola irrorata	4					1
6169330399	+Lisriella quintana	1					1
617701	Penaeidae	1					
6179100103	Alpheus floridanus					1	
6179140301	Automata evermanni		1				1
6186040201	Raninoides louisianensis	2			1		
6189050899	?Chasmocarcinus mississippiensis				1		
61890604	GPinnixa	2	1				2
7200020199	?Golfingia bulbosa	1					
7200030199	?Aspidosiphon albus					1	
7700010203	Phoronis architecta						1
8106010502	Astropecten duplicatus	1			1		
81290309	GAmpfioplus	2					
8129030903	Ampfioplus confortodes						1
8741050901	Neoconger mucronatus				1		
8791020101	Bregmaceros atlanticus	3	1				

Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina					1	
345340104	Enonides antillarum	1					1
3453670199	?Cibicides concentricus	3				1	3
3454610299	?Nontoneilla basiflora						1
3760010299	?Anthopleura krebsi						1
470401	Rhynchocoele	11	14	15		3	17
47040301	Linnomopidra	1					2
47040403	GShagrellius	1					2
47051001	GTheristus	1					3
47051002	GDorylaimopsis	28					28
471103	GSabetieria	3					3
47110401	Ironidae						10
471104	GAnticoma						4
471109	Oncholaimidae	4					4
5001021104	?Oncholaimidae						1
5001021104	Lepidonotus sublevia					1	
50010218	GLepidasthenia	1					
5001060302	Sthenelais boa		UN	1			1
5001100302	Pseudeurythoe ambigua	3				1	4
500113010	Aneides erythropylus						1
5001210103	Cyrtia vittata					1	
5001220102	Ancistrosyllis hartmanae					2	
5001220103	Ancistrosyllis jonesi	2	1				
5001220201	Sigambra tentaculata	1					1
5001240103	Ceratonereis irritabilis	17	6	10	UN		15
50012404	Gheria	5					1
5001240104	Glycera americana		4	UN			1
5001240106	Glycyde nordmanni		1				1
5001280206	Goniada teres	3					1
5001290201	Diopatra cuprea	1				4	6
5001310113	Lumbrineris tenuis	1		6	8		9
5001410501	Aricidea succica	16		22	9	12	
5001410514	Aricidea fragilis	22	10				
5001410601	Cirrophorus lyriformis	1		4	1		4
5001430502	Prionospio cirrifera	30				10	1
5001430507	Prionospio pygmaea	1					1
5001430508	Prionospio cirrobranchiata	16		4		UN	1
5001430510	Prionospio pinnata	16				UN	1
5001431701	Neraprionospio pinnata	28		16		15	33
5001440104	Megelona rosea	1		1			
5001440109	Megelona phyllisae			1			
5001440199	?Megelona tylliformis	2	1				1
5001500304	Tharyx setigera						
5001500307	Tharyx marioni	25	7	3	1	2	8
50015007	Timarete	3					4
5001520103	Cossura delta	4		1	1		4
50015404	GDolocirrus			1			1
5001580204	Armandia maculata	1					1
5001600306	Notomastus latericeus	1		2	2	2	1
5001600402	Mediopastus californiensis	220	UN		1		33
5001630103	Aeychis elongata	1					1
5001630201	Clymenella torquata calida						
5001630203	Clymenella zonellii	3		2		1	
5001660302	Pectinaria gouldii			1			
5001670208	Ampharete acutifrons						
5001682301	Amaseena trilobata	1	1	1		2	5
500170	Sabellidae						
6103302	GVitellinae						
610330205	Vitellina floridae			1			
6105030501	Cosmoponcha calliglypta		3				
6110130201	Volvulella texassiana		1				4
6110130203	Volvulella persimilis						
6110130204	Nucula proxima	6	3	9	9	15	
6502040504	Nuculana acuta						
6502040713	Nuculana concentrica	3	6	17	5		
6509100105	Lima locklini						
651310209	Tellina versicolor						
651330201	Abra sequalis		6		5		
651710101	Chione elenchi			3			
6517020201	Corbula contracta	2	9	6	2		
6111070101	Harbansus paucichelatus						
6119040101	Longipedia helgaolandica	1					
61340201	GRelanus					1	
61540701	GCampylodis	1	1				UN
61540902	GCycladopsis						
6169020108	Ampeliscia abdita		1				
6169020110	Ampeliscia verrilli						1
6169020111	Ampeliscia agassizi			1			
6169150102	Cerapus tubularis						
6169260299	?Photis macromanus	5	5	1		1	48
6169330301	Listriella harnerdi						
6169370820	Monoculodes edwardsi						

6169371401	Synchelidium americanum								
6175	Decapoda (arthropoda)							1	2
6179140103	Alpheus floridanus	1						4	
61791405	Alpheopsis								1
6184	Brachyura								
6189050401	Speocarcinus lobatus		1						
61890604	Pinnixa		1						
7200020198	Galifingia trichocephala	5	3						
7200020199	Galifingia bulbosa		1						
7200020401	Phascolion strombi			1				4	2
7200030197	Aspidosiphon cumingii								1
7200030199	Aspidosiphon albus	6							
73020101	Urechis		5					7	1
8106010502	Astropecten duplicatus		1					2	
8120	Ophiuroidea								1
8129030102	Amphiodia atra								1
8170	Holothuroidea								

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Code	Organism name	A	B	C	D	E	F
3740	Anthozoa						
03	Rhynchozoa				1		
47051001	GDorylaimopsis		3	6	9		1
47051002	GSabatieria				2		2
471103	Ironidae				6		1
47110401	GAnticoma						1
471112	Enoplidae					1	
5001	Polychaeta						311
500102	Polynoidae					1	
5001060302	Sthenelais boa		1			1	
5001100302	Pseudeurythoe ambigua	1	1	3		3	
5001220103	Ancistrosyllis Jonesi		1				
5001220201	Sigambra tentaculata	1			2		
5001240103	Ceratonereis irritabilis	4	7		7	9	
50012404	GNereis	5	7	11		11	
5001240410	Nereis succinea			3			
5001250115	Nephtys incisa				2		
5001270104	Glycera americana	2		2	1	1	
5001280104	Glycinde solitaria					1	
5001280106	Glycinde nordmanni		1				
5001300201	Marphysa sanguinea					1	
5001310113	Lumbrinereis tenuis	3	2	8	6	1	
5001410201	Aricidea suecica	5	1	2	1	13	
5001410214	Aricidea fragilis		1			8	
5001410301	Paranais gracilis						
5001410601	Cirrophorus lyriformis			1			
5001430462	Polydora socialis	1					
5001430502	Prionospio cirrifera	2	3			2	12
5001430507	Prionospio pyomaea	2				4	
5001430508	Prionospio cirrobranchiata	1	2	1	2		
5001430510	Prionospio cristata	13	9	15	9	12	
5001431701	Paraprionospio pinnata				1		
5001440104	Macelona rosea				1		1
5001440109	Magalona phyllisae				5		16
5001500307	Tharyx marioni	1	4			1	
50015007	Timarete	2	2			1	
5001520103	Cossura delta		2			1	
5001580204	Armandia maculata					2	
5001600306	Notomastus latericeus	1	4			2	
5001600402	Mediomastus californiensis	6	2	2	3	42	
5001630203	Clymenella zonalis				1		
5001682301	Amazilia trilobata		1				2
500170	Sabellidae	2		1			
50017001	GChone					3	
5106040101	Terebra dislocata						1
5502020204	Nucula proxima	1	1	2	1	1	1
5502040213	Nuculana concentrica		5	1	5		6
5509100105	Lima locklini					1	
5515310209	Tellina versicolor	1	3	3		2	1
5515471501	Chione clenchi	1	1				
5515480102	Petricola pholadiformis						6
5517020201	Corbula contracta			1		2	1
5518010801	Jouannetia quillinqi						2
6104040101	Levigipedia helgolandica			1		6	
6154050801	Oxvostyia smithi				1		
61540701	GCampylaspis					1	1
61620207	GEdotea				1		
6169020108	Ampelisca abdita		1			3	
6169150302	Erichthonius brasiliensis						1
6169260299	?Photis macromanus	1	1	3		6	14
6169330301	Listriella barnardi						1
6169371401	Synchelidium americanum			1			1
6169480199	?Armetopella texansis						1
61694810	?Stenothoe						
61770102	Gracilocheloneus		1		1		
6179050202	Leptochela bermudensis					1	
6179140103	Alpheus floridanus		1		1		
6179140301	Automate evermanni						
6184	ABrachyura	1			1		1
61890604	GPinnixa	1					
7200020199	?Golfingia bulbosa	1	8	3	7	10	4
7200030197	?Aspidosiphon cumingii						2
730102	Echiuridae	1					
7700010203	Aggronia architecta					1	
8106010502	Astropecten duplicatus		1				1
8791020101	Bregmaceros atlanticus				1	1	1
8847011601	Rollmannia communis						1



Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	7	2	4	5	6	4
47051001	GDonyliumasis						1
5001130110	Anatides erythropyllus	1					
5001220201	Sigambra tentaculata		1	1	2		
500124	Nereidae			1			
50012404	GNereia			1	1		
5001250115	Nephtys incisa	7	10	8	4	7	4
5001270104	Glycera americana	2					
500128	Goniadidae						2
5001280106	Glycinde nordmanni		1	1			
5001290201	Diopatra cuprea						
5001310113	Lumbrinereis tenuis	2	6	1	3		3
5001310204	Ninoe nigripes	1	1		2	2	2
5001330103	Drilonereis longa			2		1	4
500141	Paraonidae			2			
5001410201	Aricidea suecica		5	2			
5001410211	Aricidea cerruti			2			1
5001410601	Cirrophorus lyriformis	1					
500143	Spionidae			1			
5001430502	Prionospio cirrifera		6	2			
5001430507	Prionospio pygmaea	1					4
5001431701	Paraprionospio pinnata	1	45	20	8	11	10
5001440104	Medelona rosea	1					
5001440109	Medelona phyllisae			1			
5001440199	?Medelona filiformis	3			1	3	
5001500304	Itharyx setigera		1				1
5001500307	Itharyx marioni					1	5
5001520103	Cossura delta	1	1	3		1	
5001580203	Armandia agilis	1					
5001580204	Armandia maculata					2	
5001600306	Notomastus latericeus	2		4	5	2	2
5001600402	Mediomastus californiensis	1					
500163	Medionidae				1		
5001682301	Amazana trilobata		1		1		
51032003	GCingula	1	1	2	5	3	2
5103230503	Teinostoma parvicallum			1			
5105030501	Cosmioconcha calliglypta	1		1			1
5106040101	Terebra dialocata			1			
5110130201	Volvulella texasiana	3	2	2	2		
5110130203	Volvulella recta			1			1
5202020204	Bivalvia						
5202020204	Nucula proxima					1	
5202040213	Nuculana concentrica	7	3	6	8	4	4
5215310209	Tellina vesicolor	1			1		
5215350201	Abra aequalis	13	7	14	10	5	
5215471501	Chione clanchi					1	
5217020201	Corbula contracta	1	4	19	3	6	
5220070199	?Periploma orbicularis				2	1	31
6111050301	Euconchoecia chierchiai	7	18	1	2		
6154040213	Eudorella monodon			1			
6168	AAmphipoda			1			
6169020110	Ampelisca verrilli		4				
6169330309	+Listriella quintana	2			1		
6179140101	Alicia floridana	1					
6179140301	Automate evermanni		2	1			
6184	ABrachyura					1	
6189050401	Speocarcinus lobatus						
61890604	GPinnixa	1			1		
7200020401	Phascolion strombi		1				
8106010502	Astropecten duplicatus	1		1			
812903	Amphiuridae						
8129030102	Amphiodia atra				1		
8129030903	Amphioplus confortodes			1		1	
8162040301	Schizaster orbignanus	1	1	1			
8791020101	Breomaceros atlanticus			2	1		
8847011601	Bolimennia communis	2					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	10	3	7	7	7	5
470401	Linhogoeidra			1			
47051001	GDoryleimopsis		3				1
47051002	GSabatieria					2	1
500102	Polynoidae			1			
5001100302	Pseudeurythoe ambigua	1			1		
5001130110	Anatides erythrophyllus	1					
5001220201	Sigambra tentaculata	1	1	1	1	1	3
500124	Nereidae		2				1
5001250115	Nephtys incisa	14	10	8	4	4	8
5001280106	Glycinde nordmanni	1					
5001290201	Diopatra cuprea					1	2
5001310113	Lumbrinereis tenuis	1	5	3	2	5	3
5001310204	Ninotelephus nigripes	2	1	3	2		1
5001350103	Drilonereis longa			1			
500141	Paronidae					1	
5001410201	Arctidea suecica	7			1		5
5001410301	Paronius gracilis	3	1	1	1	3	1
5001410601	Cirrophorus lyriformis			1	1		1
5001430502	Prionospio cirrifera		44	1		4	4
5001430507	Prionospio pygmaea				2	1	
5001431701	Paraprionospio pinnata	47	33	27	10	13	40
5001440104	Magelona rosea						
5001440199	?Magelona filiformis	2	4	2	2	1	
5001500304	Tharyx setigera	1					
5001510209	Tharyx marioni	6	1	2		2	2
5001520103	Timarete	2					
5001520103	Cossura delta	2	3	1	2	3	2
50015404	GDiplocirrus	1					
5001580204	Armandia maculata		1			1	
5001600306	Notomastus latericeus	2	3	1	3	2	3
5001600402	Mediomastus californiensis	5	5				2
5001640102	Owenia fusiformis				1		
5001682301	Amasena trilobata		1			1	1
1032003	GCingula					1	
1032003	Vitrinella floridana				1	1	
10320205	Strombiformis hemphilli	3	1		1	6	
10320204	Naticidae		1				
103376			1				
105030501	Cosmioconcha calliolypta		1	1	6	2	
105040401	Cantharus cancellarius						
1080101	GDostomia	1					
5110130201	Volvulella texasiana	2		3	4	3	
5110130202	Volvulella persimilis	3					
55	Rivalvia	1					11
5502020204	Nucula proxima						
5502040213	Nuculana concentrica	2	2	2	3	5	1
5515310209	Tellina versicolor			1			
5515350201	Abra aequalis	15	17	33	3	4	
5517020201	Corbula contracta	8	3	10	1	6	1
6111050301	Euconchoecia chierchiae	3	2	1		3	2
6119040101	Longinedia helgolandica	1					
6154040213	Eudorella monodon		2		1		
6169330301	Listriella bernardi	1					
6169330399	Listriella quintana	1					
6179140103	Alpheus floridanus	1		1			
6179140301	Autowate evermanni	5					
6184	Abrechyura			1	2	1	
6187020201	Leptambus nitidus					1	
6189050899	?Chasmocarcinus mississippiensis		1				
61890604	GPinnixa	1	1		1		
7200020401	Phascolion strombi						1
8106010502	Astropecten duplicatus			1			
8129030105	Amphiodia trychna	1					
8129030903	Amphipolus confortodes	1		1		1	
8162040301	Schizaster orbignyianus		1				

Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus						
3704060199	?Halacium danus	1		2			4
43	Rhynchocoela	6	10	6	7	18	13
47051002	GSabatieria					1	2
500102	Polynoidae						
5001021104	Lepidonotus sublaevis	1					
50010218	Glyptosthenia			2		1	
5001060302	Sthenelais bos		1				
5001100302	Pseudeurthoe ambigua					2	1
5001130110	Anatidea erythrophyllus	1					
5001210402	Ophiodromus obscura						
5001220201	Sigambra tentaculata						2
500124	Nereididae						
5001250115	Nephtys incisa						
5001280106	Clycinda nordmanni	11	13	18	5	13	7
5001310113	Lumbrinerella tenuis	9	10	10		6	8
5001310204	Ninoe nigripes	1	2	2			1
50014102	GAricidae						
5001410201	Aricidea suecica	6		10	3		6
5001410214	Aricidea gracilis		2				
5001410301	Paranais gracilis						
5001410401	Cirrophorus lyriformis						
5001430502	Prionospio cirrifera		13		9		20
5001430504	Prionospio cirrobranchiata						
5001431701	Paraprionospio pinnata	47	75	83	47	80	64
5001440108	Megalona toxica						
5001440189	Megalona filiformis	4	5				
5001500304	Tharyx setigera						
5001500307	Tharyx marioni	12					
5001520103	Cossura delta						
50015403	GDiplocirrus						
5001540304	Arandina maculata						
5001540306	Notomastus latericus						
5001600402	Mediomastus californiensis		11	17	4	5	10
5001630103	Asychis elongata						16
5001682301	Amaeona trilobata				1		1
500170	Sebaliidae						
500170	Castronoda						
51032003	GClingula						
5103210205	Vitrinella floridana	2	3	27	10	6	1
5103230503	Yeiostoma parvicellum			12	2		
5103230801	Niso sagittata		1			1	
5105030501	Cosmioconcha calliglypta				6		
51080102	GIurbonilla						
5110130501	Volvulella texasiana	3	3	4	2	7	2
5110130501	Pygocellus caelatus						
55	Bivalvia						
5502020204	Nucula proxima			1			
5502040213	Nuculana concentrica						
5506010201	Anadara transversa	5	1	6	9		8
5512050101	Mulinia lateralis	1					
5512050109	Tellina versicolor						
5515150201	Abra sequella						
5517020201	Corchula contracta	23	10	34	17	36	39
5520070199	?Periploma orbicularis	3	3	1	3	12	1
6110	Ostrecoda						
6110050301	Euconchoecia chierchiae	1					
6110050301	Longipandia haloglandica						
6154040213	Eudorella monodon		1	1			
6169020108	Ampeliscus abditus				1		1
6169020110	Ampeliscus verrilli	1					
6169260209	?Photis macromanus						
6169310301	Listriella barnardi	1					
6169310301	Listriella quintana		1				
6169370820	Honoculodes edwardsi			1			
617701	Penaeidae						
6177010202	Trachypenaeus stalfii	1			1		
6179140301	Automea evermanni			1			
61791405	Alpheopsis					1	
6188	Arachnida		1				
6189050401	Speocarcinus lobatus			2			
6189050899	?Chasmocarcinus mississippiensis		1				
6191	Stomatopoda						
7200020401	Phanacollon strombi	2					1
7814	ACHellostomata						
78152501	GBugula						
812903	Amphitridae						10
8129030105	Amphitrida trychna						2
8129030903	Amphiplius confortodes				1		
8741130802	Myrophis punctatus					1	
8791020101	Bregmaceros atlanticus		2				
8847010501	Gobionellus boleosoma			2			1

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus						1
37041101	GLovenella		6				
43	Rhynchocoela	6	9	8	4	6	7
47051002	GSabatieria		1				
5001100302	Pseudeurythoe ambigua		1				
5001210103	Cyrtis vittata	1					
5001220201	Siganbra tentaculata	2					
5001220502	Synelmis albini				1		
500124	Nereidae		3				
5001250115	Nephtys incisa	11	5	6	7	8	8
5001270104	Glycera americana		1				
5001280106	Glycinde nordmanni		2	1	4		
5001310113	Lumbrineris tenuis	8	8	3	1	6	10
5001310204	Ninoe nioripes		1	2	2	3	4
5001400203	Vaineris laevigata				1		
5001410201	Aricidea suecica		4	6		1	
5001410211	Aricidea cernui						
5001410214	Aricidea fragilis	2	1				
5001410601	Cirrophorus lyriformis	2	2	2	1	2	3
5001430201	Laonice cirrata		1				
5001430502	Prionospio cirrifera	2	34	6	1		6
5001431701	Paraprionospio pinnata	55	48	32	22	15	44
5001440104	Magelona rosea					2	
5001440199	?Magelona filiformis		2	1	2	3	
5001500304	Tharyx setigera						1
5001500307	Tharyx marioni	1	2	4	2		3
5001520103	Cosura delta	1	2				1
50015404	GDiplocirrus				1	3	
50015A0204	Armandia maculata	1			1	1	
5001600306	Notomastus latericeus	4	4	7	6	6	2
5001600402	Mediomastus californiensis	1	1		1	2	1
5001630103	Ayschis elongata					1	
5001682301	Amaeana trilobata	1	1	1			
5001690101	Terebellides stroemii					1	
51032003	GCingula	4	7	6	3	2	3
510320205	Vitrinella floridana		6				
510320503	Teinostoma parvicallum						
510378	Cymatidae					1	
510501	Muricidae					3	
5105030501	Cosmioconcha calliglypta		1				1
5106040101	Terebra dislocata						2
5110130201	Volvulella texasiana		2	3	7	5	2
5502020204	Nucula proxima						1
5502040213	Nuculana concentrica	13	1	2	4	4	6
5515310209	Tellina versicolor	1	1	1		1	1
5515350201	Abra aequalis	1	15		10	2	12
5517020201	Corbula contracta	5	7	1	3	3	
5520070199	?Periploma orbicularis	1					
6111050301	Euconchoecia chierchiai	1		1			8
6154040213	Eudorella monodon				2		
6169020110	Ampelisca verrilli	1	1				1
61690302	Amphilocheus						1
6169330399	+Listriella quintana		1				
6169370820	Monoculodes edwardsi						1
6179140103	Alpheus floridanus		1			1	1
6179140301	Automate evermanni		1	1			
61791405	Alpheopsis				2		
6184	Brachyura		1				1
61890604	CPinnixa	1		3			1
7200020199	?Golfingia bulbosa			1		1	
80020102	Lingula						1
8106010502	Astropecten duplicatus						1
812903	Amphiuridae						
8129030102	Amphiodia atra	2	1		1	1	1
81290309	GAmphioplus						1
8741020201	Neorconger mucronatus				1		
8847010501	Gobionellus boleosoma						1

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina				1		
37040503	GSertularia			31	7		
37040601	GHalecium				12		
45	Rhynchocoela	7	10	33	12	8	8
47051002	GSabatleria	1				2	
50010218	GLEpidasthenia						
5001100302	Pseudeurythoe amhigua		1				
5001130110	Anaitides erythrophyllus	1	1				
5001210103	Gyotia vittata					1	
5001220201	Sigambra tentaculata	2	2			1	
500124	Nereidae	2	2				2
50012404	GNereis	2	2				
5001250115	Nephtys incisa	12	2	8	7	1	7
5001280104	Glycinde solitaria				1	1	
5001280106	Glycinde nordmanni						
5001290201	Diopatra cuprea						
5001310113	Lumbrineris tenuis	7	1	2	9	6	2
5001310204	Ninoe nigripes	2	1				
5001360102	SSchistomerinacos caeca						
500141	Paraonidae		2				
5001410201	Aricidae suecica	1	2				
5001410301	Paraonis gracilis	3	1	2	3	3	1
5001410601	Cirrophorus lyriformis				1		1
5001430502	Prionospio cirrifera	12	2	11		12	4
5001430510	Prionospio cristata						1
5001431701	Prionospio pinnata						3
5001440199	?Megalonella filiformis	36	21	24	30	40	37
5001500307	Tharyx marioni	2	4	5	1		
5001520103	Cossura delta	4	1	6	2	2	2
50015404	GDiplocirrus			1			
5001580204	Armandia maculata		2		1	1	1
5001600306	Notomastus latericeus	7	8	3			4
5001600402	Mediomastus californiensis	6	8	6			
500161	Malvanidae		1				
5001682301	Amaeana trilobata					1	
51032003	Gastropoda	1					
5103230205	Cinctula	4	12	2	6		3
510376	Naticidae	1	1				
5105030501	Cosmioconcha calliglypta				1	1	
51060211	Kurtziella			1		1	
5106040101	Terebra dislocata	1					
5110130201	Volvulella texastana	1			1		1
51202040213	Nuculana concentrica		3	2	5	11	2
512310209	Tellina versicolor		1				
517020501	Abra aequalis		7	2	20	2	3
517020501	Corbula contracta	4	10	2	15	4	11
520070199	?Periploma orbicularis	1					
5201001	CCardionya				1		
6119040101	Longipedia helgolandica	1			1		
6151	Amyidae		2				
6154040213	Eudorella monodon	1		1	1	1	1
6169020110	Ampelisca verrilli		2				
6169020111	Ampelisca agassizi	2		1			
616915	Corophiidae		1				
6169150703	Unciola irrorata		1				
6169150399	+Listriella quintana		2		2		
6169170820	Mongculodes edwardsi						
6177020101	Acetes americanus		1		1		
6179	ACaridea						1
6179140103	Alpheus floridanus		1		1		1
6179140301	Automate evermanni			1			
61791405	Alpheopsis			1			
6179170101	Processa hemphilli		1				
6187020201	Leirolambrus nitidus			1			
6189050401	Speocarcinus lobatus			1			1
61890404	Spinifera			1			
7200020199	?Golfingia bulbosa			1			
8129030903	Amphipolus confortodes				1		
8791020101	Bregmaceros atlanticus			2	1		1

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Code	Organism name	A	R	C	D	E	F
43	Rhynchocoela						
47051002	GSabatieria	4	5	8	4	5	14
50010218	GLepidasthenia	1		2			1
5001060302	Sthenelais boa				1	1	
5001130110	Anatidea erythrophyllus			2	1		
5001210103	Egyptis vittata				1		
5001220201	Sigambra tentaculata	1	1			1	
500124	Nereidae						1
5001250115	Nephtys incisa	10	6	5	5	6	4
5001270104	Glycera americana						1
5001280106	Glycinde nordmanni	2					
5001310113	Lumbrineris tenuis	6	4		1	4	7
5001310204	Ninoe nigripes	1	1		4	3	1
5001330103	Drilonereis longa	1					
500141	Paraonidae			1	1		
5001410201	Aricidea suecica	1		5			3
5001410211	Aricidea cernuti						1
5001410214	Aricidea fragilis		1				
5001410301	Paraonis gracilis						
5001410601	Cirrophorus lyriformis	4		7	2		6
5001430502	Prionospio cirrifera	5					3
5001431701	Paraprionospio pinnata	40		2	15	1	6
5001440199	?Magelona filiformis	38	29	32	20	27	21
5001500307	Tharyx marioni	3	2	4		4	3
5001520103	Cosaura delta					4	1
50015404	Diplocirrus	4	4	3	1	2	5
5001580204	Armandia maculata	1		2	3		
5001600306	Notomastus latericeus	2	3	2		2	2
5001600402	Mediomastus californiensis	2		1			2
50017016	Fabrisabella			2			
51032003	GCinqua	2	8				2
5103230205	Vitrinella floridana		1		1	1	1
5103230503	Teinostoma parvicallum	9			4		
5103530204	Strombiformis hemphilli			1			
5105030501	Cosmioconcha calliglypta				1	3	2
5110130201	Volvulella texasiana	1	2	7		5	3
5502040213	Nuculana concentrica	5	1	9		1	3
5515310209	Tellina versicolor				1		
5515350201	Abra aequalis	8	6	50	8	9	10
5517020201	Corbula contracta	13	2	6	11	3	1
6111050301	Euconchoecia chierchiae	5	1	2	1	1	4
6154040213	Eudorella monodon				1		
6169020110	Ampelisca verrilli						1
6169330301	Listriella bernardi			1			
6169330399	+Listriella quintana	1			5		
6169370820	Monaculodes edwardsi			1			
6169371401	Synchelidium americanum						
617701	Penaeidae	2			1		
6177010202	Trachypenaeus similis		1				
6179140103	Alpheus floridanus					1	1
6179140301	Automate evermanni	2		1	4		
6184	ABrachyura	2	1				2
6187020201	Leiolambrus nitidus	2					
618905	Goneplacidae			2			
6189050899	?Chasmocarcinus mississippiensis				2		
61890604	Spinixa	2					
7200020199	?Golfingia bulbosa						1
7200020401	Phascollion strombi	1					
812903	Amphitridae					1	
8129030102	Amphitrida atra			1			
884701	Gobiidae						

Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina			1			
3455560104	Eponides antillarum				1		
37041101	Glouvenella			6			
43	Rhynchocoela	2	13	6	8	11	13
47040301	GSoerolaimus			6	1		
471111	Phanodermatidae				1		
5001021104	Lepidonotus sublevis				1		1
5001100302	Pseudeurythoe ambigua	1	1		2		1
5001130110	Anaitides erythrophyllus	1					
5001210402	Ophiodromus obscura					1	1
5001220201	Sigambra tentaculata	1	2	1	1		2
500124	Nereidae			1			
5001240103	Ceratonereis irritabilis	2		1			
50012404	Nereis			1			
5001250115	Nereis incisa	3	7	9	8	5	5
5001270104	Glycera americana	1				1	
500128A	Goniadidae						
5001290201	Diopatra cuprea		1		1		
5001310113	Lumbrinereis tenuis	12	2	3	8	5	4
5001310204	Ninoe nigripes	1	2	1		3	2
5001410201	Aricidea suecica	4	1		9	1	1
5001410211	Aricidea cerruti			1			
5001410214	Aricidea fragilis	1	1				
5001410301	Paraonis gracilis					3	6
5001410501	Cirrophorus lyriformis					1	1
5001430502	Prionospio cirrifera	8	3	3	4	1	1
5001431001	Spiothanes bombyx		1				
5001431701	Paraprionospio pinnata	44	15	14	39	35	39
5001440104	Magelona rosea	2		1		1	
5001440199	?Magelona filiformis	7	1			2	6
5001500307	Tharyx marioni	1	1	1	3	2	5
5001520103	Cossura delta	1	3	2	2	1	9
50015404	GDioplocirrus				2	1	2
5001540104	Armandia maculata		1		1		1
5001540301	Notomastus latericeus		10	3	9	3	16
5001600402	Mediomastus californiensis	13			3	1	10
5001680804	Polycirrus eximius			1			
5001682301	Amasene trilobata	1	1	1	1		3
51032003	Gcinoula				6	2	
51032302	Gvitrinella	1					
5103230205	Vitrinella floridana					2	1
5103230503	Tenostoma parvicellum	3				3	
510501	Muricidae						1
5105030501	Cosmioconcha calliglypta	1				1	1
51080101	GOdostomia						3
5110130201	Volvulella texasiana	2	4	4	4	4	6
5502040213	Nivalvia		1				
5515050104	Nuculana concentrica	7	7	8	11	9	7
5515050104	Diplodonta soror						
5515310209	Tellina versicolor			1	1		
5515350201	Abra aequata	1	10	18	12	16	27
5517020201	Corbula contracta	3	1	10	4		8
5520070199	?Periploma orbicularis	1					
6110	Ostracoda		1				
6111040199	?Sarsatiella gettlesoni				1		
6111050301	Eucnchoecia chierchiae	5				1	6
6154040213	Eudorella monodon		1	1			2
6169020108	Ampelisca abdita			1			
6169020110	Ampelisca verrilli				1		
6169330301	Listriella barnardi			2			
6169330399	+Listriella quintana					1	
6169370820	Monoculodes edwardsi		1				
6169371401	Synchelidium americanum						1
6179140103	Alpheus floridanus	1		1	1	1	
6179140301	Automate evermanni		1	3	1	1	
6184	Arachyura					1	
6189050899	?Chasmodoncinus mississippiensis	2			1	1	
61890604	GPinnixa	2					
7200020198	?Golfingia trichoccephala	1	1		1		
7200020199	?Golfingia bulbosa	1					
7200020401	Phascollion strombi			1	1		
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1					
8129030105	Amphiodia trychne						
8471020101	Bregmaceros atlanticus	2		1	1	1	1
8847011201	Gobioides broussoneti		2				

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	5	3	10	5	3	2
47051001	GDarylamopsis						1
5001060302	Sthenelais boa		1			2	
5001100302	Pseudeurythoe ambigu	1					
5001210402	Gphiodromus obscura			3			
5001220201	Sigambra tentaculata			1	1		
500124	Nereidae	12					
5001250115	Nephtys incisa		9	5	12	11	4
5001280106	Glycinde nordmanni				1		2
5001290201	Diopatra cuprea				1		
5001310113	Lumbrineris tenuis	9		5	2		3
5001310204	Ninoe nigripes		2	2	2	1	1
5001410201	Aricidea suecica					3	1
5001410211	Aricidea serruti						
5001410214	Aricidea fragilis						
5001410301	Paraonis gracilis						
5001410601	Cirronphorus lyriformis						
5001430502	Prionospio cirrifera	19			1	1	2
5001431701	Paraorionospio pinnata	17	4	5	4	2	16
5001440199	?Magelona filiformis	1	1		1		1
5001490303	Spirochaetopterus oculatus	2	2	2		3	1
5001500307	Tharyx marioni	2	2	2		1	3
5001520103	Cossura delta	2	2	2			
50015404	GDiplocirrus						
5001580204	Amandita maculata				1	1	
5001590306	Notomastus latericeus	2	1		1	2	3
5001600402	Mediomastus californiensis	1	1		1		
5001630103	Asychis elongata						
5001682301	Ameana trilobata	1			4	1	3
51032003	GCinqua	1					
51032302	GVitrinella						
5103230205	Vitrinella floridana	1					2
5103230503	Leinostoma parvicallum						1
5105030501	Cosmiococcha callialypta						
5106020101	Terebra dilocata				1		
510130201	Volvulella texastana				2	3	3
5502040213	Nuculana concentrica	3			2		1
5515310209	Tellina variegata						
5515350201	Abra aequalis	6	10		3	6	3
5517020201	Corbula contracta	1					
6111050301	Euconchoecia chierchiai	1					
61340201	GBalanus						
6154040213	Eudorella monodon			1	2	2	
6158	Aisopoda						
6169020108	Ampelisca abdita						
6169330301	Listriella barnardi						1
6169330399	Listriella quintana						
617701	Peneidae	1					
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni		1		3	1	1
6184	Abrahyura	1					
6186040201	Raninoides louisianensis						
6189050401	Speocarcinus lobatus				1	1	
6189050899	Speocarcinus mississippiensis						
61890604	Ginnixa						
7200020198	?Golfingia trichocephala				1		
7200020199	?Golfingia bulbosa					1	
8129030903	Amphipplus conioptodes						
8741130802	Myrophis punctatus						
8791020101	Bregmaceros atlanticus	1			2		
RR47011201	Gobioidea broussoneti						1



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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica						
3743	Parientipatharia ceriantharia	33		13			
3750010101	Polythoa texensis		1				
3760020201	Paranthus rapiformis	11	7	8	11	1	19
43	Rhynchozoa		1				
4303020209	Cerebratulus lacteus	13	1	8		13	3
47051001	Gdorylaimopsis				1		
47051002	GSabatieria					1	
471114	Oncholaimidae					1	
500102	Polynoidae	1					
50010218	GLepidasthenia			2	1		1
5001060302	Sthenelais boa	10	6	5	1	7	8
5001130110	Anatides erythrophyllus	2	1	1			
5001210103	Gyptis vittata					1	
5001220201	Sigambra tentaculata	1		3	3	1	1
5001220203	Sigambra wassi				4	1	
500124	Nereidae			1	7	1	
50012404	GNereis	5	4	1	1	2	3
5001250115	Nephtys incisa						
5001270104	Glycera americana	1		4	3		2
5001290201	Diopatra cuprea	8	7	5	5	4	6
5001430011	Polydora					1	
5001430011	Polydora Tiani			3			
5001430502	Prionospio cirrifera						
5001430507	Prionospio pygmaea	1					
5001431001	Spiophanes bombyx				1		
5001431701	ParaPrionospio pinnata					3	
5001440109	Magelona phyllisae	35	54	103	68	45	19
5001490303	Spiochaetopterus oculatus	113	73	154	137	79	45
5001500105	Cirratulus hedgpethi	1					1
5001500304	Tharyx setigera	7					
5001500307	Tharyx marioni	6					
50015007	Timarete		7	17	11	11	14
5001520103	Cosmina delta			3			
5001600306	Notomastus latericeus			1			
5001600402	Mediomastus californiensis	3	3	6	2	21	1
500163020201	Clymenella torquata calida			2			1
5001660302	Pectineria gouldii	1					
5001670208	Ampharete acutifrons	1					
5001670211	Ampharete americana	280	116	375	178	300	42
5001700402	Megalomma bioculata		1	1			1
503760204	Natica pusilla	1					
505040401	Cantharus cancellarius	2					
5108040101	Terebra dislocata						
51080101	GDostomia		2				
5502040213	Nuculana concentrica	4	8	4		6	
5515050104	Diplodontia soror	6					
5515310209	Tellina versicolor	10		1		3	4
5515350201	Abra aequalis		5	1		6	3
5515471401	Agriopoma texensis		1				
5517020201	Corbula contracta	2			1	2	
55201001	GLardiomya			1			
6168	AAmphipoda						
6169020108	Ampheliscus abdite	5	5	7	6	5	2
617701	Acetidae			1			
6177020101	Acetes americanus			3			
6184	ABrachyura	1					
6189050401	Speocarcinus lobatus					1	
7200020199	?Golfingia bulbosa	1	3	4	5	3	7
7200030199	?Aspidosiphon albus	1	3	10	9		
7700010203	Phoronis architecta	6					
8129030102	Amphiodia atra	2					
8172060306	Pentamera pulcherrima		1				

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Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus raniformis	1					
4303020209	Rhynchocoela	17	19	41	13	20	21
470401	Cerebratulus lacteus			2	9		
47051001	Linhomoeida				5		
47051002	GNoryalimopsis						15
471114	GSabatieria						1
471198	Oncholaimidae						1
50010218	?Leptosomatidae (nematoda)						1
5001060302	GLepidasthenia	1	2				
5001100302	Sthenelais boa		1				
5001130110	Pseudeurythoe ambigua						1
5001210103	Anaitides erythrophyllus		2				
5001220102	Gyptis vittata						2
5001250103	Ancistrosyllis hartmanae						1
5001250103	Ancistrosyllis jonesi						
5001220201	Sigambra tentaculata	1		1		1	
50012404	GNereis	10	8	6	13	11	11
5001240410	Nereis succinea	6	1	4	4	5	1
5001250115	Nephtys incisa	3		1	6	7	5
5001270104	Glycera americana				1	1	
5001280106	Glycinde nordmanni		1	1			
5001290112	Onuphis nebulosa				1		
5001290203	Diopatra cuprea	1					
5001310113	Lumbrineris tenuis	1		2		1	5
5001310204	Ninos nigricus	3		5	1	2	5
5001360102	SSchistomerinoides caeca						
5001410201	Aricidea suecica	15	13	4	57	16	57
5001410214	Aricidea fragilis	1					
5001410601	Cirrophorus lyriformis	1					1
5001430502	Prionospio cirrifera	1	1	5	2		5
5001430508	Prionospio cirrobranchiata			1			
5001430510	Prionospio cristata	2			1	3	2
5001431701	Paraprionospio pinnata	118	77	66	193	134	214
5001432005	Sshalacocecos vanderhorsti	2		1			1
5001440104	Madelena rosea	10	3	4	4	4	17
5001440109	Madelena phyllisae	1				14	6
5001500307	Tharyx marioni	1					1
5001520103	Cossura delta	7	2	6	7	7	5
5001580204	Armandia maculata	2	4	4	5	1	5
5001600306	Notomastus latericeus	4	1	4	8	1	3
5001600402	Mediomastus californiensis	3		1	3	1	3
5001630103	Asychis elongata		1	1	2		1
500163020201	Clymenella torquata calida	1			1		1
5001630203	Clymenella zonalis	1					
5001670208	Ampharete acutifrons	2	2	1		3	5
5001670211	Ampharete americana	1		1			1
5103230205	Vitrinella floridana						
5110130201	Volvulella texasiana				1		
5502020204	Nucula proxima	1	1			1	
5502040213	Nuculana concentrica	2	2	1	2	13	5
5515310209	Tellina versicolor	1		1	1	1	5
5515350201	Abra aequalis				1		
6158050801	Oxyurostylis smithi	1					
616920108	Ampelisca abdita	28	8	8	23	20	25
6169260299	?Photis macronanus			1			
6169330301	Listriella barnardi		1	2	1	1	4
6169370820	Monoculodes edwardsi	1	1			3	3
617701	Peneidae		1				
61770102	Trachypenaeus	2					1
6177010202	Trachypenaeus similis					3	
6177020101	Acetes americanus	3	1	3			
6179140103	Alpheus floridanus						1
6187020201	Leiolanbrus nitidus		2		1		
6189050A99	?Chasmocarcinus mississippiensis				1		
61890604	GPinnixa				1		
6191010101	Squilla empusa		1			1	1
7200020198	?Golfingia trichocephala	1			6		
7200020199	?Golfingia bulbosa	28	20	18	17	14	15
7200030199	?Aspidosiphon albus	1		1			
7200010203	Phoronis architecta				1		

780523C	287 T.B	MACROINFAUNA - TAXONOMY	BLM2B7C1	12/18/79	16:15:48				
Code	Organism name			A	B	C	D	E	F
3452140112	Quinqueloculina compta							2	
43	Rhynchocoela						14	3	6
47040301	CSphaerolaimus			1	4	3	1		
47051002	CSabatieria					1	1		1
5001021A	GLEpidasthenia						1		
5001060302	Sthenelais boa			1		5			
5001130110	Anatides erythrophyllus					1			
5001220201	Sigambra tentaculata			1	3	1	2		
500124	Nereidae				1				
50012404	Nereis					1			
5001250115	Nephtys incisa			6	7	6	2	6	4
5001250106	Glycinde nordmanni					1		2	
5001290112	Onuphis nebulosa			1				1	
5001290201	Diopatra cuprea					1			
5001310113	Lumbrineris tenuis				11	7	8	12	8
5001310204	Ninoe nigripes								1
5001410201	Aricidea suecica				4	4	7	5	
5001410214	Aricidea fragilis					1			
5001410601	Cirrophorus lyriformis				1	1		1	
5001430502	Prionospio cirrifera			1	8	1		1	
5001430507	Prionospio pygmaea						1		
5001431001	Spilophanes bombyx						1		
5001431701	Paraprionospio pinnata			15	23	37	34	6	2
5001432005	SMelacoceros vanderhorati			1					
5001440104	Magelona rosea				1				
5001440109	Magelona phyllisae								2
5001440199	?Magelona filiformis			1	2	2	2	3	3
5001500307	Tharyx marioni					1		1	
50015007	Timarete								
5001520103	Cossura delta					3	2	2	4
5001580204	Armandia maculata						2		7
5001600306	Notomastus latericeus				14		2	12	2
5001600402	Mediomastus californiensis				3	5	2	1	1
5001630203	Clymeneella zonalis								
500167020R	Ampharete acutifrons								1
5001670211	Ampharete americana						1		
51032003	GCinquula			1	1	6		1	
5103230205	Vitrinella floridana					1			
5105030501	Cosmioconcha calliglypta				11	1	12		
5106040101	Terebra dislocata								
5110130201	Volvulella texasiana				1		1	3	2
5215310123	Macoma pulleyi								
5215310209	Tellina versicolor								
5215310209	Abrea aequalis			4		1			2
5217020201	Corbula contracta					2	1		3
6111050301	Eucorchoecia chiarae								
6113250101	Echinocythereis garretti							1	
6119040101	Longipedia helgolandica								2
6154040213	Eudorella monodon			3	6	1	2	1	
616001	Anthuridae								
6169020108	Ampelisca abdita					3	1		1
6169020111	Ampelisca agassizi						1		
6169330301	Listriella bernardi						1	1	
61693814	Gipponepon								
6169371401	Synchelidium americanum					1			
6179050202	Leptocheila bermudensis				2				
6179140103	Alpheus floridanus			1					
61791405	Alpheopsis								
6179170101	Processa hemphilli						1		
6187020201	Leiolaembrus nitidus						1		
6189050899	?Chasmocarcinus mississippiensis				2				
61890604	GPinnixa					1			
8106010502	Astropecten duplicatus			2		1			
812903	Amphiruridae					1			
8129030903	Amphionus coniertodes			1			1		
876202	Synodontidae				1				
8762020301	Saurida brasiliensis					1		1	
8791020101	Bregmaceros atlanticus			4	1		1		1

7R0524C 2B7 T.R MACROINFAUNA - TAXONOMY BLM2B7C1

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Code	Organism name	A	B	C	D	E	F
370405	Sertulariidae				12		
43	Rhynchocoela	4	2	3	7	11	7
4303020209	Cerebratulus lacteus		1			1	
471198	?Leptosomatidae (nematoda)			1			
5001220201	Sigambra tentaculata	2	1	9	1	1	1
500124	Nereidae						
5001250115	Nephtys incisa	8	19	31	38	15	18
5001290201	Diopatra cuorea	1	1		1	2	1
5001310113	Lumbrinereis tenuis	1	1	7	5	4	3
5001310204	Ninoe niaripes	1	3	3	5	3	27
5001410201	Aricidea suecica			1			
5001410214	Aricidea fragilis		1			3	
5001430502	Prionospio cirrifera						
5001431701	Paraprionospio pinnata	17	209	246	152	114	225
5001440109	Magelona phyllisae	2	3		5	1	6
5001500307	Itharyx marioni	1		1			
5001520103	Cossura delta	1	3	1	3	5	4
5001600306	Notomastus latericeus						1
5001600402	Mediomastus californiensis		3	2	3	2	7
5001682301	Amaeana trilobata						
5103230205	Vitrinella floridana	2	4	7	5	3	28
510376	Naticidae						
5103760204	Natica pusilla						1
5105030501	Cosmiconcha callialypta					1	
5106040101	Terebra dislocata						2
5110130201	Volvulella texasiana				1		
5502040213	Nuculana concentrica				2		2
5515110101	Planktomya henseni					1	
6169020108	Ampelisca abdita			1	1	1	
6169020111	Ampelisca aqassizi						1
61770102	GTrachypenaeus				1		
8R47011201	Gonioides broussoneti		1				

7R0801PE0500287 T.8

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
S001220201	Sigambra tentaculata		3	1		1	1
S0012404	GNereis		5	2			1
S001250115	Nephtys incisa				1		1
S001290113	Onuphis nebulosa	4	3	2		2	3
S001290201	Diopatra cuprea		1				1
S001431701	Paraprionospio pinnata	1	7	1			
S001440104	Magelona rosea		35	3	11	11	13
S001440109	Magelona phyllisae	4					
S001440199	?Magelona filiformis		18	1	7	15	10
S001600306	Notomastus latericeus		1	1		2	1
S001670208	Ampharete acutifrons			1			1
S106040101	Terebra dislocata		1				
S1100101	GActeon						
S110130201	Volvulella texasiana					1	
S5	Rivalvia		1			1	
S502040213	Nuculana concentrica		1				
S515310209	Tellina versicolor	1				1	
S517020201	Corbula contracta					1	
7200020199	?Golfingia bulbosa	1				1	
8129030903	Amphioplus confortodes	4			1	3	1

780A01PE2000287 T.B

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		2	1	4	1	
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata		4		1	1	
5001240103	Ceratonereis irritabilis					1	
50012404	GNereis		1			1	
5001250115	Nephtys incisa	1	1	1		1	
5001270104	Glycera americana				1		1
5001280106	Glycinde nordmanni						
5001290112	Onuphis nebulosa	1	1	1			
5001290201	Diopatra cuprea		2	2	1	5	2
5001430508	Prionospio cirrobranchiata	1					
5001431701	Paraprionospio pinnata	1	14	2	19	10	
5001440104	Magelona rosea		1			8	2
5001440109	Magelona phyllisae	1	16	3	8	8	
50016302	GClymenella		1			1	
500163020201	Clymenella torquata calida	1			2		
5001670208	Ampharete acutifrons	1				1	
51	Gastropoda			1		1	
5103230205	Vitrinella floridana				1		
5105030501	Cosmioconcha callialypta	1			1		
5105080106	Nassarius acutus					1	
5110130201	Volvulella texasiana		1		2		
5502020204	Nucula proxima				1		
5502040213	Nuculana concentrica			1		3	
551509	Leptonidae					1	
5515310209	Tellina versicolor				2		
5517020201	Corbula contracta					2	
6169020108	Ampelisca abdita					1	
6177020101	Acetes americanus	1					1
6187020201	Leiodambus nitidus			1			
6189050899	?Chasmocarcinus mississippiensis			1			
7200020199	?Golfingia bulbosa		5		3	6	3
7200030199	?Aspidosiphon albus		6	1	9	8	
8120	Ophiuroidea					1	
812903	Amphiuridae		1		1		
8129030903	Amphioplus conortodes	1	2	3	1		

7R0R01PN05002B7 T.R

MACROINFAUNA - TAXONOMY

BLM2B7CP

12/18/79

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Code	Organism name	A	B	C	D	E	F
37040601	GHalecium					28	
43	Rhynchocoela	2	1	5			
4303020209	Cerebratulus lacteus		1	3			
47051002	GSabatieria		1				
5001220103	Ancistrosyllis jonesi			1			
5001220201	Sigambra tentaculata	1	7		2	1	4
50012404	GNereis					1	
5001250115	Nephtys incisa	2	3	3		4	1
5001290201	Diopatra cuprea	3	1	1	1	3	1
500130	Eunicidae	1					
5001431701	Paraprionospio pinnata	1					
5001440109	Megalona phyllisae	3	22	9	18	14	13
5001500307	Tharyx marioni	1	43	28		24	19
5001520103	Cossura delta			1			
5001600306	Notomastus latericeus			2	1		
5001600402	Mediomastus californiensis		1	1			
500163020201	Clymenella torquata calida	1	1				
5001670208	Ampharete acutifrons		4				2
51	Gastropoda	2					
5103230205	Vitrinella floridana	1				1	
5105080106	Nassarius acutus	1					
51100101	GActeon	1					
5110010101	Acteon punctostriatus			1			
5110130201	Volvulella texasiana				1	1	
5502040213	Nuculana concentrica			1		2	1
5515310209	Tellina varicolor						1
5517020201	Corbula contracta		1				
7200020199	?Golfingia bulbosa		4	2			
7200030199	?Aspidosiphon albus	1	1				1
8129030903	Amphioplus confortodes		1			1	

7R0R01PN20002B7 T.R

MACROINFAUNA - TAXONOMY

BLM2B7C2

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
4303020209	Cerebratulus lacteus	1	1	3	1	1	1
470513	Choniolaimidae						1
5001220103	Ancistrosyllis jonesi					2	1
5001220201	Sigambra tentaculata			1		1	1
5001220203	Sigambra wassi					1	1
5001250115	Nephtys incisa	3	2	5	5	2	4
5001290201	Diopatra cuprea	2	3	1	1	3	5
5001431701	Paraprionospio pinnata	4	9	2	7	6	8
5001440109	Magelona phyllisae	1	12	2	14	13	28
5001500307	Tharyx marioni						1
5001520103	Cossura delta						1
5001600306	Notomastus latericeus					2	1
5001600402	Mediomastus californiensis					2	1
5001630103	Asychis elongata	1					
50016302	GClymenella		1				
500163020201	Clymenella torquata calida			1	1	2	2
5001670208	Ampharete acutifrons				1	1	
5103230205	Vitrinella floridana					2	
5103760204	Natica pusilla					1	
5106040101	Tenebra dislocata					2	
5502040213	Nuculana concentrica	1		1			1
6175	ADecapoda (arthropoda)				1		
61890604	GPinnixa					1	
61910101	GSquilla		1				
72	Sipuncula		7	11			
7200020199	?Golfingia bulbosa	1			6		4
7200030199	?Aspidosiphon albus					1	
8129030903	Amphiooplus coniofortodes	3	1		2	1	4



780A01PS0500287 T.H

MACROINFALUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1			2		1
4303020209	Cerebratulus lacteus				3		
500102	Polynoidae		1			1	
5001100302	Pseudeurythoe ambigu				1		
5001220201	Sigambra tentaculata	3	1	1	3		3
5001220203	Sigambra wassi			1			
50012404	GNereis				2		
5001250115	Nephtys incisa	1			2		3
5001290201	Diopatra cuorea	1	2	2		3	2
5001431701	Paraprionospio pinnata	5		1	11	2	6
5001440104	Magelona rosea			1			
5001440109	Magelona phyllisae		4		12		2
5001520103	Cossura delta				3		
6105030501	Cosmioconcha calliglypta						1
5502040213	Nuculana concentrica	1					
7200020199	?Golfingia bulbosa					1	
8129030903	Amphioplus coniertodes	1	1			1	1

780H01PS20002B7 T.H

MACROINFANNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	11	3	5	1	
4303020209	Cerebratulus lacteus					2	
5001220103	Ancistrosyllis Jonesi	1					
5001220201	Sigambra tentaculata	3	6	3		1	1
500124	Nereidae			1			
50012404	Nereis		3			1	2
5001250115	Nephtys incisa		1	3		1	2
500128	Goniadidae	1					
5001280106	Glycinde nordmanni		3				
5001290201	Diopatra cuprea	3	1			1	2
5001310204	Ninoe nigripes					1	1
5001431701	Paraprionospio pinnata	17	40	23	21	10	11
5001440109	Magelona phyllisae	5	3	2	4	4	1
5001500307	Tharyx marioni		1				
5001600306	Notomastus latericeus	1			2	3	
5001600402	Mediomastus californiensis					1	
500163020201	Clymenella torquata calida		1	1			
5001670208	Ampharete acutifrons		2				
5103230205	Vitrinella floridana		1				
5105040401	Cantharus cancellarius	1					
5106040101	Terebra dislocata						1
51100101	Gaeteon	1	1				
5110130201	Volvullella texasiana			2		2	
5502040213	Nuculana concentrica	2	4		1		4
5517020201	Corbula contracta		1				2
6189050401	Speocercinus lobatus					1	
7200020199	?Golfindia bulbosa	3					
8129030903	Amphionius coniertodes		1	2		2	1

7R0801Pw0500287 T.R

MACROINFAUNA - TAXONOMY BLM287C2

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
50010218	GLepidasthenia		1			6	1
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata					3	
50012404	GNereis	2	1		2		2
5001250115	Nephtys incisa		3			1	
5001280104	Glycinde solitaria	1				1	4
5001290201	Diopatra cuprea					1	
5001310113	Lumbrinereis tenuis	2	2	1		1	1
5001431701	Paraprionospio pinnata			1		1	
5001440104	Magelona rosea	7	5	11	43	42	25
5001440109	Magelona phyllisae				1		
5001520103	Cossura delta	6	4	1	5	14	3
5001580204	Armandia maculata				1		
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis	1					1
50016302	GClymenella					1	
5103230205	Vitrinella floridana		1				
510378	Cymatiidae			3		1	
5105040401	Cantharus cancellarius	4					
5106040101	Terebra dislocata		1				
51100101	Gastropod				1	2	
5110130201	Volvulella texasiana				1		
5502040213	Nuculana concentrica					1	
5517020201	Corbula contracta	1		1	3	1	
6179140301	Automate evermanni			1			
6189050899	?Chasmocarcinus mississippiensis						1
61890604	GPinnixa		1				
7200020199	?Golfingia bulbosa				1		
8129030903	Amphioplus coniofortodes		3			4	
82010201	Balanoglossus					1	

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
375407	Pennatulidae		1				
43	Rhynchocoela			4		1	1
4303020210	Cerebratulus luridus		1				
5001220103	Ancistrosyllis jonesi		1				
5001220201	Sigambra tentaculata	2			1	1	
50012404	GNereis			1			
5001250115	Neohlys incisa		2		1		3
5001290201	Diopatra cuprea		2		1		1
5001431701	Paraprionospio pinnata	18	4	10	14	26	6
5001440109	Magelona phyllisae	7		4	4	1	1
5001520103	Cossura delta						1
5001600306	Notomastus latericeus		1		1	1	
5001600402	Mediomastus californiensis	2		1			
500163020201	Clymenella torquata calida		1				
5001670208	Ampharete acutifrons			1		1	
51	Gastropoda				1		
5103230205	Vitrinella floridana			1			
5110130201	Volvulella texasiana	1		1		1	
55	Bivalvia	4					
5502040213	Nuculana concentrica			1		4	
5517020201	Corbula contracta			1		3	2
6177020101	Acetes americanus		1				
6179140301	Automate evermanni				2		
6187020201	Leiodambrus nitidus		1				
7200020199	?Golfingia bulbosa	1				1	
8129030903	Amphioplus conioctodes	1				1	

780802PE0500287 T.B

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3756010101	<i>Palythoa texensis</i>			3			
3758	<i>Zoantharia actiniaria</i>	1					2
3760020201	<i>Paranthus rapiformis</i>	1		1			
43	<i>Rhynchoceia</i>	1	1				
5001210103	<i>Gyptis vittata</i>		1				1
5001220103	<i>Ancistrovillia lonesi</i>	1					1
5001220201	<i>Sigambra tentaculata</i>	9	1	13		4	4
5001220203	<i>Sigambra wassi</i>	1					
500124	Nereidae			4			
50012404	Nereis					2	
5001240410	<i>Nereis succinea</i>	1					
5001250115	<i>Nephtys incisa</i>			1			1
5001290201	<i>Diopatra cuprea</i>	1	1	1	2	2	2
5001310113	<i>Lumbrineris tenuis</i>		1				1
5001410601	<i>Cirrophorus lyriformis</i>						1
5001431701	<i>Paraprionospio pinnata</i>	46	26	62		29	38
5001440109	<i>Magelona phyllisae</i>	265	32	173	18	37	36
5001580204	<i>Armandia maculata</i>	1	1	4			
5001630103	<i>Asychis elongata</i>			1			
5001640302	<i>Myriowenia californiensis</i>	18		10			1
5103760204	<i>Natica pusilla</i>			1			
5105030303	<i>Anachis obesa</i>	1					
5502020204	<i>Nucula proxima</i>			1			
5507020101	<i>Atrina seminuda</i>	2		1			
5515350201	<i>Abra aequalis</i>			2			
551547110101	<i>Mercenaria mercenaria texana</i>		2			1	
6119040101	<i>Longipedia helgolandica</i>			1			
6177010202	<i>Trachypenaeus similis</i>			1			2
6179150102	<i>Ogyrides limicola</i>			1			
61890106	<i>Portunus</i>			1			
7200020197	<i>Golfingia pellucida</i>			1			1
7200020199	<i>Golfingia bulbosa</i>	21	16	6	11	10	56
7200030199	<i>Aspidosiphon albus</i>						1
7700010203	<i>Phoronis architecta</i>	8		3			2
8129030903	<i>Amphioplus conitortodes</i>			1			
82010201	<i>Balanoglossus</i>			2			

7R0R02PE20002B7 T.B

MACHONINFAUNA - TAXONOMY

HLM2B7C2

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Code	Organism name	A	B	C	D	E	F
5001220103	Ancistrosyllis jonesi						
5001220201	Sigambra tentaculata					1	1
5001220203	Sigambra wassi						
50012404	Nereis				1		
5001290201	Diopatra cuprea				1		
5001310113	Lumbrinereis tenuis				2		
5001431701	Paraorionospio pinnata		1				
5001440109	Magelona phyllisae	3	4	9	3	5	2
5001630103	Asychis elongata		13	10	30	3	2
5001640302	Myriowenia californiensis			1			
6184	Abrachyura			1			
7200020199	?Golfingia bulbosa	18	117	245	111	115	1
7200030199	?Aspidosiphon albus			1	1		1
7700010203	Phoronis architecta					1	
8120	Ophiuroidea			1			2

7R0R02PN05002B7 T.6

MACROINFAUNA - TAXONOMY

BLM2B7C2

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Code	Organism name	A	B	C	D	E	F
3758	Zoantharia actinaria					3	1
3750020201	Paranthus papiformis				2	1	1
43	Rhynchocoela					1	1
50010218	Glepidasthenia			1		1	1
5001210103	Gyptis vittata					1	1
5001220103	Ancistrosyllis jonesi					1	1
5001220201	Sigambra tentaculata					1	1
5001240410	Nereis succinea					1	1
5001290201	Diopatra cuprea					1	1
5001431701	Paraprionospio pinnata	4	20	34	6	40	19
5001440109	Megalona phyllisae	37	8	28	1	17	73
5001580204	Armandia maculata			1		1	3
5103760204	Natica pusilla					1	3
5105040401	Cantharus cancellarius					1	1
5105080106	Nassarius acutus	4				1	1
5106040101	Terebra dislocata				1		5
5502020204	Nucula proxima	4					5
5506010202	Anadara ovalis				1		1
5515350201	Abra aequalis				1		1
5515480102	Petricola pholadiformis	1		1		2	1
5517020201	Corbula contracta					2	1
6179140301	Automate evermanni				1		1
6184	Arachyura					1	1
61860202	Hepatus					1	1
7200020199	?Golfingia bulbosa	6	5	5	2	18	7
7200030199	?Aspidosiphon albus	1		1	1		2
7700010203	Phoronis architecta				1		
8129030903	Amphipolus confertodes	1					
8178020103	Chiridota laevis					1	

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krehsi	1					1
3760020201	Paranthus papiformis	1			1		2
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata	5	2	1	18	6	1
5001220203	Sigambra wassi				1		1
500124	Nereidae	1					
50012404	CNereis				4		1
5001240410	Nereis succinea				3		
5001250303	Aplousophamus verrilli				3		
5001290201	Diopatra cuprea	1	2	4	5	1	5
5001310113	Lumbrineris tenuis	1		1		4	1
5001431701	Paraprionospio pinnata	23	6	11	77	23	31
5001440109	Magelona phyllisae	34	45	64	262	48	31
5001600402	Mediomastus californiensis				2		
500163	Maldanidae			1			
5103760204	Natica pusilla	1	1		2		
5103760407	Polinices duplicatus	1					
5105030303	Anachis obesa			1	1		
5105080106	Nassarius acutus	1			2		
5106040101	Terebra dislocata				1		
55	Bivalvia	1	1				
5502020204	Nucula proxima	5					
5506010201	Anadara transverse	1			2		
5515050104	Diplodonta soror			1			
5515480102	Petricola pholadiformis				4		1
5517020201	Corbula contracta	1	1				
6175	Aldecapoda (arthropoda)						
7200020199	?Golfingia bulbosa	8	6	3	11	4	6
7200030199	?Aspidosiphon albus				2		
7700010203	Phoronis architecta			1	4		



7R0802PS0500287 T.B

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Code	Organism name	A	B	C	D	E	F
37590101	GEwardsia			1			
5001220103	Ancistrosyllis jonesi			2			
5001520201	Sigambra tentaculata			3		1	1
50012404	Nereis				2		
5001240410	Nereis succinea					1	
5001300201	Marphysa sanguinea		1				
5001431701	Paraprionospio pinnata	23	10	35	7	8	8
5001440109	Magelona phyllisae	18	2	39	10	7	22
5001580204	Armandia maculata			1			
5515350201	Abra aequalis			1			
6169020108	Ampelisca abdita		1				
6179170101	Processa hemphilli			1			
61890106	Portunus			1			
7200020199	Golfingia bulbosa	4	10	21	3	1	3
7700010203	Phoronis architecta	1		1			
885703	Bothidae	1					

7R0802PS20002B7 T.h

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
5001220103	Ancistrosyllis jonesi						1
5001220201	Sigambra tentaculata		1	1			7
50012404	Gnereis						6
5001310113	Lumbrineris tenuis			1			
5001431701	Paraerionospio pinnata		11	17	2	2	114
5001440109	Magelona phyllisae		68	9	8	32	241
5001500307	Iharyx marioni						
5001630103	Asychis elongata		1			1	
51	Gastropoda	1					
5502020204	Nucula proxima				1		
5515350201	Abra aequalis					1	
5517020201	Corbula contracta						1
6175	Decapoda (arthropoda)	5	8				
72	Sipuncula	7					
7200020199	?Golfingia bulbosa						23
7200030199	?Aspidosiphon albus		34	14	16	9	3
7700010203	Phoronis architecta		3			1	1
8129030903	Amphioplus coniertodes						1
82010201	Balanoglossus						2
823502	Serranidae						1

7P0A02PW05002B7 T.B

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3758	Zoantharia actinaria					1	
3760020201	Paranthus rapiformis	1	1				
45	Rhynchocoela	5					
5001220103	Ancistrosyllis jonesi		2		2		
5001220201	Sigambra tentaculata	1	2		2	2	
50012404	Gnereis	1					
5001250115	Nephtys incisa	1					
5001310113	Lumbrinereis tenuis	2					1
5001310204	Ninoe nigriceps	2					
5001410601	Cirrophorus lyriformis	2					
5001431701	Paraprionospio pinnata	26	25	17	31	2	1
5001440104	Megalona rosea	1					
5001440109	Megalona phyllisae	71	74	20	29	25	17
5001490101	Chaetopterus varlopedatus				1	1	
5001490303	Spiochaetopterus oculatus					1	
5001520103	Cossura delta	2			1		
5001580204	Armandia maculata	1	1		5	1	
5001600306	Notomastus latericeus	3					
5001640302	Myriowenia californiensis	3					
51032003	Gastropoda		2			2	
5103230205	Gingula	7					
5103230205	Vitellina floridana	1					
5103230205	Natica pusilla	1					1
5105040401	Cantharus cancellarius	1					
5106040101	Terebra dislocata						1
5502040213	Nuculana concentrica	1					
5515350201	Abra aequalis		1				
5517020201	Corbula contracta	4					
6169020108	Ampelisca abdita		4				
6169020111	Ampelisca spassizi	1					
617701	Peneidae	1					
7200020199	?Golfingia bulbosa	1	3	1	1		
7200030199	?Aspidosiphon albus	1					1
7700010203	Phoronis architecta	1	4		1		

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3740	Anthozoa						1
3758	Zoantheria actiniaria			6		1	
3760020201	Paranthurus papiformis	2	1	1	2		1
43	Rhynchocoela						
4303020209	Cerebratulus lacteus					1	
5001021A	GLepidasthenia	2	5	1	1		6
5001220103	Ancistrosyllis jonesi		1	1	1	1	
5001220201	Sicambre tentaculata	3	2	1	6		
5001290201	Diopatra cuprea		4	2	1	5	
50014304	GPolydora						
5001431701	Paraprionospio pinnata	9	19	23	32	25	3
5001440109	Megalona phyllisae	6	7	2	4	22	
5001580204	Armandia maculata	1				2	
500163	Maldanidae						
500163020201	Clymenella torquata calida			1			1
5001640102	Owenia fusiformis	1					
5103760204	Natica pusilla						
5105040401	Cantharus cancellarius					1	
5110010101	Acteon punctostriatus						1
5502020204	Nucula proxima					1	2
550601	Arcidae						
5507020101	Atrina seminuda		1				
55154715	GChione						
5515480102	Petricola pholadiformis			2			1
5517020201	Corbula contracta		1				
7200020199	?Golfingia bulbosa	3		3	3	1	1
7200030199	?Aspidosiphon albus					5	1
73	Echiura	4	5	1	1	1	8

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebbsi						
43	Rhynchocoela						
47051001	Gdorylaimopsis	10	5	2	1	8	5
47051002	GSabatieria			9		4	
47110401	GAnticoma			1		1	
471114	Oncholaimidae						
5001100302	Pseudeurythoe ambigua				1	1	
5001220201	Sigambra tentaculata	3				1	
500123	Syllidae			4		3	
5001240103	Ceratonereis irritabilis	2	2	9	2	24	28
50012404	GNereis	16	13	1			
5001250114	Nephtys bucera			1			
5001250115	Nephtys incisa						
5001270104	Glycyde americana	NW	1	1	3	3	2
5001280104	Glycyde solitaria						
5001280106	Glycyde nordmanni					2	
5001290112	Onuphis nebulosa	NW	3	1	1		
5001290201	Diopatra cuprea	NW	8	6	4	1	7
5001310113	Lumbrinereis tenuis	6		1		7	7
5001310204	Ninoe niaripes			1		1	
5001410201	Aricidea suecica	22	18	26	11	30	8
5001410214	Aricidea fragilis	NW		1	2		
5001410601	Cirrophorus lyriformis	NW				3	
5001430502	Prionospio cirrifera						
5001430508	Prionospio cirrobanchiata			2		1	1
5001430510	Prionospio cristata						
5001431701	Paraprionospio pinnata						
5001440104	Megalona rosea	NW	1	2	1	4	1
5001440109	Megalona phyllisae	NW	1	1		1	
5001440199	?Megalona filiformis						
5001500105	Cirratulus hedgpethi						
5001500304	Tharyx setigera	NW	2	5	5	5	5
5001500307	Tharyx marioni	NW	6	5	5	11	5
50015007	Tharyx						
5001520103	Cosaura delta						
5001600306	Notomastus latericeus	NW	7	1	2	8	8
5001600402	Mediomastus californiensis						
5001640102	Owenia fusiformis	NW	5	2		4	2
5001670208	Ampharete acutifrons						
50017001	GChone						
50017501	Grubeulepis						
5110130201	Volvulella texasiana		1			1	
52	Bivalvia						
5202020204	Nucula proxima					1	
5202040213	Nuculana concentrica						
5215310209	Tellina versicolor	NW	1	1	1	2	3
5515471401	Agriopoma texasiana						
5515471501	Chione clenchi			2			
5517020201	Corbula contracta			2		4	3
5517020301	Varicorbula operculata	NW	3			3	
552005020601	Lyonsia hyalina floridana	NW					
6169020108	Ampelisca abdita			2		1	1
6169020110	Ampelisca verrilli						
6169020111	Ampelisca agassizi	1	2			1	1
6169260299	?Photis macromanus						
6184	ABrachyura						
6189050401	Speocarcinus lobatus	1	1	1	1		1
6191	Stromatopoda						
7200020199	?Golfingia bulbosa						
7200030199	?Aspidosiphon albus	3	6	3		3	3
7700010203	Phoronis architecta		1			1	
7815040802	Cupuladria dona			1			
80020102	Lingula		75				
8106016502	Astropecten duplicatus					1	1
8120	Ophiuroidea						
884701	Gobliidae						

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi				1		
3760020201	Paranthus rapiformis			1			
43	Rhynchocoela	4	3	7	1		2
47051002	GSabatieria						1
47051005	Paracomosoma						1
471114	Dncholaimidae						1
500102	polynoidae	1	1				
5001030201	polyodontes lunina						
5001100302	pseudeurythoe ambigua	1		2		2	
5001220201	Sigambra tentaculata	2					
5001240103	Ceratonereis irritabilis	1		5	6	2	5
50012404	GNereis	10	7	10	15	7	14
5001240410	Nereis succinea						3
5001250114	Nephtys bucera			2			
5001250116	Nephtys magellanica			1			
5001270104	Glycera americana	1	2	3	2	1	2
5001280104	Glycinde solitaria	1			1		
5001280106	Glycinde nordmanni					1	
5001290112	Onuphis nebulosa			1	6	2	2
5001310113	Lumbrinereis tenuis	1	7	1			2
5001410201	Aricidea suecica	2	3	26	3	1	3
5001410214	Aricidea fragilis	1					
5001410601	Cirrophorus lyriformis						
5001430502	Prionospio cirrifera			2	1		
5001430508	Prionospio cirrohranchiata			1			
5001430510	Prionospio cristata		1				
5001431701	Paraprionospio pinnata	2	3	4	4		2
5001440109	Magelona phyllisae						
5001500105	Cirratulus hedgpethi						
5001500304	Tharyx setigera	1	1	2	5	1	2
5001500307	Tharyx marioni						
50015007	Timarete	1	2				2
5001520103	Cossura delta			4	1		
5001600306	Notomastus latericeus	4			1	2	
5001600402	Mediomastus californiensis			27	1	4	1
5001630103	Asychis elongata				2		
5001670208	Ampharete acutifrons	1			3	1	
5001670211	Ampharete americana						
5001670211	Amazone trilobata	1				1	1
5001700402	Megalomma biculata			1			
5110130201	Volvulella texastana				2		1
55	Bivalvia		1				
5502020204	Nucula proxima	1			1		
5502040213	Nuculana concentrica	1	1		1	1	
5515310209	Tellina versicolor		1		8		
5517020201	Corbula contracta	1			8	2	1
5517020301	Varicorbula operculata			1	2		
6169020110	Ampelisca verrilli					1	2
6169020111	Ampelisca agassizi			3	5		
6169260299	Photis macromanus			1			
6177020101	Acetes americanus	1					
6179140103	Alpheus floridanus				1		
6179140301	Automate evermanni	1	1	2		1	
6184	ABrachyura			1			
61890106	GPortunus			1			
6189050401	Speocarcinus lobatus		1				1
7200020199	?Golfingia bulbosa	4		4	8	1	3
7200030199	?Aspidosiphon albus				1		1
7815020475	Cupuladria doma				150	75	
8102010502	Astropecten duplicatus		1				
8129030903	Amphiopterus conioptodes	1					
8741120501	Paraconger caudilimbatus	1					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	3	6	3		1
47051002	GSabatieria						
47110401	GAnticoma		1			1	
471199	?Encheliidiidae		1				
50010218	GLepidasthenia	1					
5001100302	Pseudeurythoe ambigua	1	3		4		
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata						
5001240103	Ceratonereis irritabilis	7	5	1	10	5	1
50012404	GNereis	13	8	14	4	4	
5001240410	Nereis succinea			2			
50012406	GCeratocephale				2	1	
5001250303	Aglaophamus verrilli	1					
5001270104	Glycera americana	1		1	2	1	2
5001280104	Glycinde solitaria						1
5001290112	Onuphis nebulosa			1			1
5001290201	Diopatra cuprea			1			
5001310113	Lumbrineris tenuis	9	9	4	6	3	1
5001310204	Ninoe nigripes					1	
5001410201	Aricidea suecica	1	14	9			
5001410214	Aricidea fragilis			1			
5001410601	Cirrophorus lyriformis			1			
5001430502	Prionospio cirrifera				1		
5001430508	Prionospio cirrobranchiata			6	5		
5001430510	Prionospio cristata			7			
5001431701	Paraprionospio pinnata			1	4	1	
5001440104	Megalona rosea	3	2			1	3
5001440109	Megalona phyllisae						
5001500304	Tharyx setigera				1		1
5001500307	Tharyx marioni	2	8	5		1	
5001520103	Cossura delta						
5001600306	Notomastus latericeus	1	1	1	1		1
5001600402	Mediomastus californiensis	2	7	10			1
500163020201	Clymenella torquata calida				1		
5001670208	Ampharete acutifrons	2	1	2			
50017001	GHone			1		1	1
5110130201	Volvulella texasiana	3		2			
55	Bizulia		2				
5502020204	Nucula proxima						
5502040213	Nuculana concentrica	1					
5515310209	Tellina versicolor	1					
5517020201	Corbula contracta	1		10	1		
6169020108	Ampelisca abdita	1					
6169020110	Ampelisca verrilli		1	1			1
6169150302	Erichthonius brasiliensis					1	
616937	Dedicarotidae						
6175	A-Decapoda (arthropoda)	1				1	
6179140301	Automate evermanni			1			
6179170101	Processa hemphilli				1		
6184	ABrachyura			1			
6189050401	Speocarcinus lobatus	1		1	1	1	1
6189059999	?Frevillea barbata			1			
7200020199	?Golfingia bulbosa	7	5	2		2	2
7200030199	?Aspidosiphon albus	1	1	1		1	
7700010203	Phoronis architecta					1	
8129030102	Amphiodia atra				1		
885703	Rothidae						1
88580201	GSymphurus						1

Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus	3					
3756010101	Palythoa texensis	1		1		1	
3760010200	?Anthopleura krebai				1		
3901	Turbellaria	4	5	1	1		2
5001060302	Rhynchocoela						
5001106305	Sthenelais boa		1				
5001130104	Anatides mucosa						
5001220201	Sigambra tentaculata						
5001240103	Ceratonereis irritabilis						
50012404	GHerels	6	5			6	3
50012406	Ceratocephale						
5001250114	Nephtys bucera		3				
5001250115	Nephtys incisa			1			
5001250116	Nephtys magellanica						
5001250303	Aglaophamus verrilli	1	2	1	1	2	2
5001270104	Glycera americana						
5001280104	Glycide solitaria						
5001280206	Gonada tereis			1	1		1
5001310113	Lumbrineris tenuis	3	1	1	1	1	2
5001410201	Aricidea suecica						
5001410214	Aricidea fragilis						
5001431001	Spiophanes bombyx	1	3	4	1	1	2
5001431701	Paraprignospio pinnata		6				1
5001432701	Microspio pigmentata						
5001440104	Megalona rosea		3	1		1	1
5001440109	Megalona phyllisae						
5001500304	Tharyx setigera	1	1	1	1	11	10
5001500307	Tharyx marioni		5		1	6	6
50015007	Tigarete						
5001500506	Notomastus latericeus						
500163	Maldanidae	3					1
5001630103	Asychis elongata		1	2	1		
5001640102	Owenia fusiformis	1			1		
5001660302	Pectinaria gouldii	3	3	1		1	1
5001670208	Ampharete acutifrons						
5001670211	Ampharete americana						
5001680701	Platycristata		1		1	1	1
5001690101	Sabellididae						
500170	Sabellidae						
50017001	GChone						
5001700402	Megalomma bioculata		5	2	1	3	1
503760204	Natica pusilla						
5105030303	Anechis obesa		1		2	3	1
5105030501	Cosmiroancho calliolepta						
5105030601	Nassarina glypta				1		2
5105040401	Cantharus cancellarius						
5105100201	Olivis savana						
510602	Turridae						
5106040101	Terebra dialocata						
5110010101	Acteon punctostriatus			1			1
5110050106	Philina sagra						
5110130201	Volvulella texasiana			2			
5110130202	Volvulella persianis						
5110130501	Pyrunculus caelatus						1
5113020106	Cavolina longirostris	1					
55	Bivalvia						
5502020204	Nucula proxima						
5502040213	Nuculana concentrica		1		1	1	1
550601	Arcidae						
550703	Pinnidae						
5515010102	Parvulicina multilineata						
5515010601	Linga amiantus				1	2	1
5515050104	Diplodonta soror						
5515200102	Crassinella lunulata						1
5515310509	Tellina acuminatata						
5515310509	Tellina versicolor		2	3	4	2	6
5515310401	Tellidora cristata		2		1	2	
5515471401	Agriopoma texasiana						
5517020201	Chione clenchii	1	4	2	1	2	7
5517020201	Corbula contracta		7				9
5517020301	Varicorbula operculata			2			
552005020601	Lyonnaia hyalina floridana				1		1
61560301	Apeudes						
6160	Peracarida isopoda anthuridea		1		1		1
6169020108	Ampelisca abdita				1		
6169020110	Ampelisca verrilli	7	2		1		1
6169020111	Ampelisca spassizii						
6169020299	?Photia macromanus	4			1		1
61694R10	GStenothoe	1					
6177020101	Acetes americanus					1	



61910101	GSquilla					1	
7200020198	?Golfinigia trichocephala						3
7200020199	?Golfinigia bulbosa	3	6		6	3	14
7200030199	?Aspidosiphon albus	10	4	1	16	6	1
7700010203	Phoronis architecta	1			1		
7A15040402	Cupuladria doma	100					
7A15040499	?Cupuladria biporosa					250	
80020102	Lingula	1		2	1	2	
8106010502	Astropecten duplicatus			1			
812903	Amphiuridae	2					
8129030102	Amphiodia atra		1				
8172060306	Pentamera pulcherrima	5	1	1	2	2	1

780803PS05002M7 T.R

MACROINFAUNA - TAXONOMY

BLM2R7C2

12/18/79

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	4		7	13	6
47	Nematoda				1		
470401	Linhomoeidra		1				
47051001	Gorylaimopsis		2			1	
47051002	Sabatieria					1	
47110401	Gaticoma	1					
5001100302	Pseudeurythoe ambigua	1	1	1			1
5001210103	Gyptis vittata	1					
5001220201	Sigambra tentaculata					1	1
5001240103	Ceratonereis irritabilis	4	3	3		3	3
50012404	GNereis	24	19	11	22	25	18
5001240410	Nereis succinea		2				
5001250114	Nephtys buccera						1
5001270104	Glycera americana	2	1	2	2	6	1
5001290112	Onuphis nebulosa				1	1	
5001290201	Diopatra cuprea						
5001310113	Lumbrinereis tenuis			1	6	6	6
5001410201	Aricidea suecica	7	7	10	16	33	15
5001410214	Aricidea fragilis					3	
5001430502	Prionospio cirrifera					1	1
5001430508	Prionospio cirrobranchiata	1		2	3	1	
5001430510	Prionospio cristata					2	
5001431701	Paraprionospio pinnata	2	8	3	4	2	5
5001440104	Magelona rosea	4			5	7	1
5001440109	Magelona phyllisae	5			1	1	2
5001440199	?Magelona filiformis	1					
5001500304	Tharyx setigera		4		6	7	2
5001500307	Tharyx marioni		1		5	6	2
5001520103	Cossura delta		1	1	3	2	2
5001600306	Notomastus latericeus				1	6	
5001600402	Mediomastus californiensis	1	7	2	6	10	12
5001630103	Asychis elongata				1	1	
5001630203	Clymenella zonalis				1	1	
500167020A	Ampharete acutifrons	2		1	2	7	3
5001700803	Sabella microphthalma				1		
51	Gastropoda		1				
5110050106	Philine sagra				2		
5110130201	Volvulella texasiana	1		2	1		
55	Bivalvia	1					
5502020204	Nucula proxima				1		
5502040213	Nuculana concentrica				4	1	
5515310209	Tellina versicolor		1	1	1	2	4
5515350201	Abra aequalis						1
5515471001	Agriopoma texasiana			1			
5515471501	Chione clenchi						1
5517020201	Corbula contracta		1	8	8		5
5517020301	Varicorbula operculata			5			
552005020601	Lyonsia hyalina floridana		1			1	1
6169020108	Ampelisca abdita						
616915	Corophiidae						
6169370520	Monoculodes edwardsi						1
6179140103	Alpheus floridanus				1		
6184	ABrachyura						
6189050401	Speogarcinus lobatus	1				2	
7200020194	?Golfingia bulbosa	1	3	1		7	1
7815040402	Cupuladria doma						25

780803PS20002B7 T.R

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela	1	3	6		7	7
4303020209	Cerebratulus lacteus			1			
50010218	GLepidasthenia						1
5001100302	Pseudeurythoe ambigua		1		2		1
500124	Nereidae						1
50012404	GNereis						1
5001250115	Nephtys incisa	2	2	4	4	1	5
5001290112	Onuphis nebulosa	8	4	1			
5001290201	Oiopatra cuprea			1	2		1
5001310113	Lumbrinereis tenuis	3	1	2		2	6
5001310204	Ninoe nigripes	2	1	5	4	2	1
5001410201	Aricidea suecica					1	
5001430502	Prionospio cirrifera			5			
5001430507	Prionospio pygmaea			4			
5001430508	Prionospio cirrobranchiata						
5001431701	Paraprionospio pinnata	1	9	28	10	1	11
5001440104	Magelona rosea	28					
5001440109	Magelona phyllisae	1	4			5	1
5001440199	Magelona filiformis			2	2		
5001500105	Cirratulus hedgpethi			3			1
5001520103	Cossura delta		3	4	2	1	2
5001600306	Notomastus latericaeus						1
5001600402	Mediomastus californiensis			1		1	3
51	Gastropoda			1			
51032003	GCingula	10			3	2	
5103230205	Vitrinella floridana	4					
5105030303	Anachis obesa					1	
5105030501	Cosmioconcha callialypta						2
5110130201	Volvulella texasiana	1		1	2		
55	Bivalvia				4		
550601	Arcidae			1			
5515350201	Abra aequalis			1			
5517020201	Corbula contracta	4	1	3		2	1
6168	AAmphipoda					1	
6169150302	Erichthonius brasiliensis						
6179140301	Automate evermanni			1	1		
61890604	GPinnixa				1		
7200020198	2Golfinzia trichocephala		1				
7200020199	2Golfinzia bulbosa		3	2	1	1	

780R03PW0500287 T.B

MACKINNAFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
5003020204	Cerebratulus lacteus	2	8	6	5		9
500102	Polynoidae			1			1
5001100302	Pseudeurythoe ambigua		2				3
5001130110	Anaitides erythrophyllus	1	7	2		1	
5001220201	Sigambra tentaculata			1			1
5001240103	Ceratonereis irritabilis	11	24		10		13
50012404	Nereis	2		6	6	14	5
5001240410	Nereis succinea	5	3	12	1	1	5
5001250115	Nephtys incisa			2			
5001270104	Glycera americana	3	5	2		3	4
5001280106	Glycinde nordmanni			2			1
5001290112	Unuphis nebulosa		1				
5001290201	Diopatra cuprea			1	1	1	
5001310113	Lumbrineris tenuis		2	3	3	6	5
5001310204	Ninoe nigricans	3	2	2		1	
5001410201	Aricidea suecica		13	5	3	17	3
5001430502	Prionospio cirrifera	1		2			
5001430508	Prionospio cirrobranchiata	1	1		1	2	1
5001430510	Prionospio cristata	1		1	1		
5001431701	Paraprionospio pinnata	1		2	2		2
5001440104	Medelona rosea	4	3	4	1	3	
5001500304	Tharyx setigera		2			1	
5001500307	Tharyx marioni	1	2	1	1	3	2
5001520103	Cossura delta					2	
5001580204	Armandia maculata		1				
5001600306	Notomastus latericeus	2	5	3		3	1
5001600402	Mediomastus californiensis	2	1	2	1	8	3
500163020201	Clymenella torquata calida		1				
5001640102	Dwenia fusiformis		1			1	
5001660302	Pectinaria gouldii		1				
5001670208	Ampharete acutifrons		1	4		1	2
5001670211	Ampharete americana	1					
5001700402	Megalomma bioculata						
103230205	Vitrinella floridana						
103760501	Sinum perspectivum		1				
106040101	Terebra dislocata		1				
5	Givalvia		1				
5515310209	Tellina versicolor	2					5
5515471401	Agrionoma texastana					1	
5515471501	Chione clenchi						
5517020201	Corbula contracta	3	9	2		3	2
552005020601	Lyonsia hyalina floridana	1					1
6154090202	Cyclaspis varians				1		
6168	Amphipoda					1	
6169020108	Ampelisca abdita			1			
6169020110	Ampelisca verrilli		2		3	3	2
6169260299	?Photis macromanus			1			
6169371401	Synchelidium americanum					1	
6179140103	Alpheus floridanus						1
6184	Brachyura						1
6189050401	Speocarcinus lobatus		1		1	1	2
7200020199	?Golfingia bulbosa	9	15	4	5	1	8
7200020401	Phascolion strombi					1	
7200050199	?Aspidosiphon albus			1	1		
80020102	Lingula		1				
8106010502	Astropecten duplicatus			1			

7R0803P\*20002R7 T.R

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	7	6	6	5	11
47051001	GDorylaimoasis	2			2		
47051002	GSabatieria	2			1		1
471199	?Enchelidiidae	1					
5001100302	Pseudeurythoe ambigua	6	2			1	2
5001210402	Ophiodromus obscura			1			
5001220201	Sigambra tentaculata	1			3		2
5001240103	Ceratonereis irritabilis	4	2	3		1	1
50012404	Nereis	3	16	24	23	16	40
5001240410	Nereis succinea	1					
5001250115	Nephtys incisa			1	1	1	1
5001270104	Glycera americana	2	2	2	3	2	2
5001280106	Glycinde nordmanni	2			3		1
5001290201	Diopatra cuprea		1				1
5001310113	Lumbrinereis tenuis	12	7	7	11	10	16
5001310204	Ninoe nigripes	1					2
5001410201	Aricidea suecica	3	1	6	3	1	6
5001410214	Aricidea fragilis			1			
5001410301	Paranais gracilis	1					3
5001410601	Cirrophorus lyriformis					1	
5001430502	Prionospio cirrifera	10			1	2	3
5001430507	Prionospio pygmaea						1
5001430508	Prionospio cirrobranchiata	1		1			1
5001430510	Prionospio cristata		1				
5001431701	Paraprionospio pinnata	11	9	30	30	13	28
5001440104	Magelona rosea	9	3	6	9	1	4
5001440109	Magelona phyllisae			1			
5001440109	?Magelona filiformis		1				2
5001500304	Tharyx setigera			1			2
5001500307	Tharyx marioni	1	3	7			2
50015007	Timarete	1					1
5001520103	Cossura delta	1	1	1	2		3
5001580204	Armandia maculata			1			
5001600306	Notomastus latericeus	4	2	2	2	7	3
5001600402	Mediomastus californiensis	19		40	16		19
5001670208	Ampharete acutifrons	3	1		4	3	4
5001670211	Ampharete americana	2					
5103230205	Vitrinella floridana			2			3
5110130201	Volvulella texasiana			1			1
5502020204	Nucula proxima			1			1
5502040213	Nuculana concentrica			1			1
5515310209	Tellina versicolor	1		2	1	2	1
5515471401	Agriopoma texasiana						1
5515471501	Chione clenchi			1		1	
5517020201	Corbula contracta	1		7			7
5517020301	Varicorbula operculata						1
6110	Ostracoda			1			
6169020108	Ampellicca abdita						2
6169020111	Ampellicca agassizii	1					
6179140301	Autonote evermanni					3	
6184	ABrechyura				1		
6189050401	Speocarcinus lobatus		1	1	1	1	1
6189050899	?Chasmocarcinus mississippiensis	1					
7200020199	?Golfingia bulbosa		3	4	1	2	1
7200030199	?Aspidosiphon albus	2		1		1	1
8106010502	Astropecten duplicatus				1		
8120	Ophiuroidea						1
8129030103	Amphiodia atra					1	
8129030903	Amphipolus confortodes		2			1	1

780804PE0500287 T.R

MACROINFAUNA - TAXONOMY

BLM287C2

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi			3			
43	Rhynchocoela	1	2	1			2
5001100302	Pseudeurymoe ambigua	1					
5001220201	Sigambra tentaculata			1		1	
500124	Nereidae	1	1				1
5001250115	Neohlys incisus	4	5	17		8	11
5001310113	Lumbrinereis tenuis	3	3	3	2	3	2
5001310204	Ninoides nidioides	2	3	1			1
5001310103	Drilonereis longa		1				
5001410201	Aricidea suecica	1			1		1
5001410601	Cirrophorus lyriformis					1	
5001430508	Prionospio cirrobranchiata			1			
5001431701	Paraprionospio pinnata	5	2	14	15	17	4
5001440104	Magelona rosea			1			
5001440109	Magelona phyllisae			1	2		
5001440199	?Magelona filiformis	1	1	2		3	2
5001500307	Tharyx marioni		1	1	1	1	1
5001520103	Cossura delta	1		1	2	2	5
5001540204	Armandia maculata					1	
5001590101	Stenaspis scutata	1					
5001600306	Notomastus latericus		2	2		2	2
5001600402	Mediomastus californiensis			1			1
5001630103	Asychis elongata			1			
51032003	Cinqua			1			
5103730104	Atlanta peronii			1			
5105030501	Cosmioconcha calliglypta			1			
5110130201	Volvulella texasiana				2		1
5113020106	Cavolina longirostris	1					
5502040213	Bivalvia	2				1	
5515350201	Nuculana concentrica					1	2
5515471401	Abra aequalis					1	
5517020201	Agriopoma texasiana					1	
552005020601	Corbula contracta		1	13	2		12
6154040213	Lyonsia hyalina floridana						
6169020108	Eudorella monodon						
6169330301	Ampelisca abdita						
617701	Listriella barnardi			1			
6179140103	Peneidae			1			
6179140301	Alpheus floridanus			1			
6179170101	Automate evermanni			1	1		
6184	Processa hemphilli	1					
6189050401	Abbrachyura						
61890604	Speocercinus lobatus	1					1
6129030903	Pinnixa	1	1				
6162040301	Amphionus confortodes				1	1	
	Schizeaster orbignyensis	1					

7A0R04PE2000267 T.R

MACROINFAUNA - TAXONOMY

BLM2B7C2

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Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela		2	2	2	2	3
4303020209	Cerebratulus lacteus				1		
5001220103	Ancistrosyllis joneai						1
5001220201	Sigambra tentaculata				1		
500123	Syllidae				1		
50012404	GNereis					1	
5001250115	Nephtys incisa	4	11	3	12	5	7
5001290201	Diopatra cuprea				1		
5001310113	Lumbrinereis tenuis		3	1	2	1	2
5001310204	Ninoe nigripes	1	1	2		1	2
500141	Paraonidae				4		
5001410301	Paraonis gracilis				1		
5001410601	Cirrophorus lyriformis						1
5001431701	Paraprionospio pinnata	4	20	3	33	2	14
5001440199	?Magelona filiformis	1			4	1	1
5001500307	Tharyx marioni			1	2	1	
5001520103	Cossura delta		1		6		1
5001580204	Armandia maculata		1				
5001600306	Notomastus latericeus	1	3	1	2	3	1
5001600402	Mediomastus californiensis		1				
5001630103	Asychis elongata				1		
500170	Sabellidae				1		
51032003	Gcinqua		1		1	2	2
5103230205	Vitrinella floridana				1		
5106040101	Terebra dislocata	2					1
5110130201	Volvulella texasiana	1	1		4	1	1
55	Bivalvia		1				
5502040213	Nuculana concentrica		2	1	1	1	1
5517020201	Corbula contracta				10		
6154040213	Eudorella monodon	1	2				4
6169020111	Ampelisca agassizi			1			2
6180	ABrachyura		1				
6189050899	?Chasmocarcinus mississippiensis		1	1			
7200020401	Phascolion strombi		1				
7815040402	Cupuladria doma				2	2	
8129030102	Amphiodia atra	1					
8129030903	Amphipilus confortodes		1		1		
8162040301	Schizaster orbignyianus			1			1

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus						
3760010299	?Anthopleura krebsi						
5001100302	Rhynchocoela	5		4	7	1	3
5001210103	Pseudeurythoe ambigua						
5001220201	Gyotia vittata				2		
5001240103	Sigambra tentaculata						
5001240103	Nereidae	1					
5001240103	Ceratonereis irritabilis					1	
5001250115	Nereis	1	1				
5001270104	Nephtys incisa		18	5	12	3	8
5001280106	Glycera americana			1			
5001290201	Glycinde nordmanni	1					
5001310111	Diopatra cuprea						
5001310204	Lumbrineris tenuis	4		2	4	4	1
5001410201	Ninos nigripes	3			1	3	2
5001410201	Aricidea suecica						
5001410601	Cirrophorus lyriformis						
5001430502	Prionospio cirrifera						
5001430508	Prionospio cirrobranchiata						
5001431701	Paraprionospio pinnata	2	25	2	17	2	10
5001440104	Magelona rosea		3				
5001440109	Magelona phyllisae				2	1	2
5001440199	?Magelona filiformis		1				
5001500304	Tharyx setigera			1		1	
5001500307	Tharyx marioni	2			3	1	
50015007	Timarete						
5001520103	Cossura delta			2			
5001600306	Notomastus latericeus	1			3		
5001600402	Mediomastus californiensis	1				1	3
5001630103	Asychis elongata						
5001682301	Ameana trilobata		1				
1032003	GClingula		1	2	1		
103230205	Vitrinella floridana	2					
103760407	Polinices duplicatus			1			
106040101	Terebra dilocata				1		
110130201	Volvulella texasiana				1	3	1
502040213	Bivalvia						
502040213	Nuculana concentrica				2	2	1
515310123	Macoma pulleyi						
515310209	Tellina versicolor				1		1
515350201	Abra aequalis		2		5	2	1
515471401	Agriopoma texasiana				1	1	
517020201	Corbula contracta	9	17	7	9	10	26
61230101	GCalligus		1				
6154040213	Eudorella monodon					2	1
6154090202	Cyrtospira varians						
6169020108	Ampelisca abdita	1					
6169020111	Ampelisca apassizi						
6169330301	Listriella barnardi	1			1		
6175	Adecapoda (arthropoda)						
617701	Peneidae		18				
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni	2		1		1	1
6184	ABrachyura						
6189050401	Speocarcinus lobatus						2
61890604	GPinnixa					2	
61910101	GSquilla					1	
6191010102	Squilla chydsea	1					
7200020401	Phascolion strombi		1		1		
80020102	Lingula						
8106010502	Astropecten duplicatus						1
8129030102	Amphiodia atra				1		
8129050403	Amphipolus confertodes	1	1				



7R0804PN20002B7 T.R

MACROINFAUNA - TAXONOMY

BLM2B7C2

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Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina	1			1		
43	Rhynchocoela	6	1	1	13		2
5001060302	Sthenelais boa		1			1	
5001220201	Sigambra tentaculata						
500123	Syllidae	2			1		
500124	Nereidae				1	1	
5001240103	Ceratonereis irritabilis					4	
50012404	CNereis		1	2			
5001250115	Nephtys incisa	7	5	10	6		5
5001280106	Glycinde nordmanni				1		
5001300201	Marphysa sanguinea					4	
5001310113	Lumbrinereis tenuis	7	6	5	6	2	4
5001310204	Ninoe nigripes	1	2				
5001330103	Drilonereis longa	2			3		
5001410201	Aricidea suecica						
5001410301	Paraonis gracilis						1
5001410501	Cirrophorus lyriformis	1					1
5001430502	Prionospio cirrifera	5				6	
5001431701	Paraprionospio pinnata	7		2	21		7
5001440109	Magelona phyllisae				1		
5001440199	?Magelona filiformis	1			1	5	1
5001500304	Tharyx setigera				1		
5001500307	Tharyx marioni		1		1	2	
5001520103	Cossura delta	2				6	5
5001600306	Notomastus latericeus	1	1	8			2
5001600402	Mediomastus californiensis	1					1
5001630103	Ayschis elongata		1	1			
51032003	GCinquia	17	2			7	
5103230205	Vitrinella floridana					3	
5103230502	Teinostoma biscaynense						1
5103530401	Niso aeglees	1					
5105030501	Cosmioconcha calliolypta				1		
5106040101	Terebra dislocata			2			
5110130201	Volvulella texasiana	2	1				
52	Bivalvia		1				
5502020204	Nucula proxima						
5502040213	Nuculana concentrica	2		6	5	2	1
5515310209	Tellina varicolor			5	4		
5515350201	Abra aequalis						
5515471401	Agriopoma texasiana						
5515471501	Chione clenchi			2			
5517020201	Corbula contracta	25	8	70	71		1
6160	Peracarida isopoda anthuridea			1			
6169020111	Ampelisca agassizi		1				
6179140103	Alpheus floridanus					1	
6179140301	Automate evermanni	2			2		1
6183040102	Upogebia affinis						
6189050401	Speocarcinus lobatus		1				
61890604	Gpinnixa			1	2		
7200020199	?Golfingia bulbosa						
8106010502	Astropecten duplicatus	1			1		
8129030102	Amphiodia atra	1					
8129030903	Amphioplus coniertodes			1	1		

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		9	7	3	3	3
5001060302	Sthenelais boa		1		1		
5001210103	Gyptis vittata				2		
5001220201	Sigambra tentaculata	1			1		
50012404	GNereis				1		
5001250115	Nephtys incisa	8	16	6	5	6	7
5001270104	Glycera americana	1	1		1	1	
5001280106	Glycine nordmanni	2	1				
5001310113	Lumbrineris tenuis	1	1	2	4	2	6
5001310204	Ninoteuthis incisa	1	2	1	1	1	1
5001360102	SSchistomeringos caeca						
5001410201	Aricidea suecica		3	4	1		
5001410301	Paraonis gracilis						1
5001410601	Cirrophorus lyriformis		1	1			
5001430502	Prionospio cirrifera			1	1		
5001430507	Prionospio pygmaea				1		
5001430508	Prionospio cirrobranchiata		2	1			
5001431001	Spiophanes bombyx						
5001431701	Paraprionospio pinnata	1	8	13	6	3	2
5001440104	Magelona rosea		7				
5001440109	Magelona phyllisae				1	2	
5001440199	?Magelona filiformis	3			3	1	1
5001500304	Iharyx setigera	1	1		1		
5001500307	Iharyx marioni	1	1		1		
5001520103	Cossura delta	1				2	2
5001580204	Armandia maculata		2	2			
5001590101	Sternaspis scutata		1	1			1
5001600306	Noromastus latericeus	3		3	2	3	
5001600402	Mediomastus californiensis						
51032003	Gastropoda				1		
51032003	Gcingula						
5103760501	Sinum perspectivum				1		
5105030501	Cosmioconcha callialypta	1					
5110130201	Volvulella texasiana	3	3	4		1	
5110130201	Bivalvia	1				2	
51202020204	Nucula proxima	1					
51202040213	Nuculana concentrica	1					1
512310209	Tellina versicolor		3	2		12	
512350501	Abra aequalis		2	2		1	
517020201	Corbula contracta	2				1	2
6168	Amphipoda	1	6	2		17	6
6169020108	Ampelisca abdita			2			
6179140103	Alpheus floridanus		1	2	1	1	
6184	Abbrachyura						1
6189021501	Pseudomedeus agassizii	2					
6189050401	Speocarcinus lobatus				2		
6189050899	Chasmocarcinus mississippiensis	1					
61890604	GPinnixa			1			
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1					
8129030903	Amphipolus confortodes			2			

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina				1		
3758	Zoantharia actiniaria		1				
43	Rhynchozoela	5	6	1	3	2	1
5001100302	Pseudeurythoe ambigua	1	1				
5001130110	Anaitides erythrophyllus					1	
5001220801	Parandalia ocularis			1			
500124	Nereidae			1			
5001250115	Nephtys incisa	3	17	7	10	2	13
5001310113	Lumbrineris tenuis	1	2	1		2	1
5001310204	Ninoe nigripes		1	1	1		
500141	Paronidae				1		
5001410201	Aricidea suecica		2				
5001410301	Paronopsis gracilis				4		
5001410601	Cirrophorus lyriformis			2			
5001430502	Prionospio cirrifera			11	4		
5001431701	Paraprionospio pinnata	13	37	6	39	10	28
5001440109	Magelona phyllisae			4	1		
5001440199	?Magelona filiformis		1				
50015001	GCirratulus				1		
5001500304	Tharyx setigera	1					
5001500307	Tharyx marioni		1		4		1
5001520103	Cossura delta	2	2	1	6		5
50015404	GDiplocirrus		1				
5001580204	Armandia maculata						
5001600306	Notomastus latericeus	1	2		2	2	
51032003	GCingula	1					
5103210205	Vitrinella floridana	5					
5105030503	Anachis obesa	1					
5105030501	Cosmioconcha calliglypta		1				1
5110130201	Valvulella texasiana	2	2		3		1
55	Bivalvia				1		1
5502040213	Nuculana concentrica						
5517020201	Corbula contracta	4	3	1	5		1
6154040213	Eudorella monodon	1					
6154090202	Cyclaspis varians		1				
6169330301	Listriella barnardi				1		
6179140103	Alpheus floridanus						
6179140101	Automata evermanni		1	2			
6189050401	Speocarcinus lobatus			1			
61890604	GPinnixa		2				1
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1		1			
8129030903	Amphioplus conioartodes					1	
8172060306	Pentamera pulcherrima					1	
8717	Osteichthyes					1	

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3760010290	?Anthopleura krebsi						1
43	Rhynchocoela	5		3		7	7
47051002	GSabatieria			3	2	1	
5001220201	Sigambra tentaculata						1
500124	Nereidae						10
5001250115	Nephtys incisa		4	9	1	10	10
5001270104	Glycera americana				1		1
500128	Goniatidae						
5001280106	Glycinde nordmanni			1			
5001310113	Lumbrinereis tenuis			2	6	3	3
5001310204	Ninoe nigripes		3	2	9		2
5001410214	Aricidea fragilis						1
5001410601	Cirrophorus lyriformis			1		1	1
5001430508	Prionospio cirrobranchiata						
5001431701	Paraprionospio pinnata		7	12	6	16	4
5001440109	Magelona phyllisae		3		1	1	
5001440199	?Magelona filiformis				1		
5001500307	Iherax marioni				1		2
5001520103	Cossura delta		2	3	3		2
50015404	GDiolocirrus					1	4
5001600306	Notomastus latericeus		5	2	5	2	9
51	Gastropoda	10					
51032003	GCingula		1	1			1
5103230205	Vitrinella floridana				1		
5103760407	Polinices duplicatus		1		2		
5106040101	Terebra dislocata			2	2		
51080101	GDostomia				1		
51080102	GTurbonilla				1		
5110130201	Volvulella texasiana				1		1
55	Bivalvia	5					
5502040213	Nuculana concentrica		1	4			
5515350201	Abra aequalis			1	1		1
5515471501	Chione clenchi				1		
5517020201	Corbula contracta		3	5	14		13
6154040213	Eudorella monodon					2	
6168	AAmphipoda	1					
6169020111	Ampelisca aassizi						1
6169330301	Listriella barnardi				1	1	
6179140303	Alpheus floridanus				1	3	
6179140301	Automate evermanni			1	1		
6184	ABrachyura					1	
6187020201	Leiolanobius nitidus					1	1
6189050899	?Chasmocarcinus mississippiensis					1	
61890604	GPinnixa			2		1	1
7200020199	?Golfingia bulbosa						
8129030903	Amphipolus coniarctodes			1	1		
8847011201	Gobioides broussonneti	1					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela	1			1	2	
5001060302	<del>Sthenelais boa</del>					1	
5001240102	Ceratonereis irritabilis	5	1	3	7	7	3
5001280106	Glycinde nordmanni						1
5001310113	Lumbrinereis tenuis		1	1		1	
5001310204	Ninoc nigricos	3		1			
5001330103	Drilonereis longa		1				
5001410301	Paraonis gracilis				1	1	
5001431701	Paraprionospio pinnata	6	1	4	2	5	5
5001440109	Magelona phyllisae			1		1	
5001440199	?Magelona filiformis	6	2	1		1	
2001520103	Cossura delta			3		1	
5001600306	Notomastus latericeus	2	1				
5001630103	Asychis elongata				1		2
51032003	GCinquia	2		2		9	
5105030303	Anachis obesa					1	
5106040101	Terebra dislocata	1					
5110130201	Volvulella texasiana			1		5	
5515471401	Acriopoma texasiana	3				1	
5517020201	Corbula contracta	40		5		17	11
6169020108	Ampelisca abdita	1					
6169020111	Ampelisca agassizi				1		
61693414	Ghippomedon						1
6179140301	Automate evermanni		1				
6184	ARrachyura					1	
61890604	GPinnixa	2					
7200020199	?Golfingia bulbosa			1	1	1	
8129030102	Amphiodia atra						1

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3740	Anthozoa					1	
3760020201	Paranthus rapiformis		1				
43	Rhynchocoela	1	4			6	5
4303020209	Cerebratulus lacteus					1	
47051001	GDorylaimopsis					1	
47051002	GSabatieria					2	
5001100302	Pseudeurythoe ambigua				1		
5001210103	Gyptis vittata	2		2		1	1
5001220103	Ancistrosyllis jonesi	5	3		1	10	10
5001230201	Sigambra tentaculata	6	1		2	7	6
5001230203	Sigambra wassi					1	
50012404	GNereis			1			
5001290201	Diopatra cuprea	1	1		3	4	
5001431701	Paraprionospio pinnata	78	38	45	27	97	81
5001440109	Magelona phyllisae	176	85	136	60	188	190
5001500307	Tharyx marioni					2	
5001520103	Cossura delta		1	2		4	4
5001600402	Mediomastus californiensis	16	1	2	2	25	5
5103230205	Vitrinella floridana					2	
51050R0106	Nassarius acutus	1	1		1		2
7200020199	?Golfingia bulbosa	1					
7700010203	Phoronis architecta	4	8				6
82010201	Balanoglossus	4				5	9

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MACKROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3740020201	Paranthus rapiformis	1		1	1		
43	Rhynchocoela	1	2	2		1	2
47	Nematoda					2	1
47051001	GDorylaimopsis					2	
50010218	Glepidasthenia					1	
5001210103	Cyrtis vittata	1					
5001220103	Ancistrostylis jonesi	1	2	6	2	1	3
5001220201	Sigambra tentaculata	1		3	1	1	4
5001220203	Sigambra wassi		1				
50012404	Gnereis	5	2	5	1	1	3
5001280104	Givcinde solitaria	1					
5001290201	Niopatra cuprea	1	2	6	1		1
5001430502	Prionospio cirrifera						1
5001431701	Paraprionospio pinnata	124	94	90	65	87	94
5001440109	Magelona phyllisae	112	121	140	197	71	201
5001500307	Tharyx marioni	11		8	1		7
5001520103	Cossura delta					1	2
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis	11	3	10		13	23
2103760407	Polinices duplicatus			1			
5515250301	Mulinia lateralis					1	
6177020101	Acetes americanus					1	
7200020199	?Gollingia bulbosa			1			2
7700010203	Phoronis architecta	4		11		1	6
82010201	Balanoglossus		1	2			

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus raciformis					1	
43	Rhynchocela					3	
5001250115	Nephtys incisa	1	1		1		
5001290201	Diopatra cuprea		1	1	2		
5001310204	Ninoe nitripes		1		1		
5001431701	Paraprionospio pinnata	4	1				1
5001500307	Tharyx marioni	1					
5001520103	Cossura delta	2			1	1	
5001580204	Armandia maculata	2					
5105030501	Cosmioconcha calliglypta	1	2				
6154040213	Eudorella monodon		1				
6169330301	Listriella barnardi		1				
6179140103	Alopeus floridanus		1				
6179140301	Automate evermanni		1				
6184	ABrachyura		1				
6187020201	Leiolanus nitidus					1	
7700010203	Phoronis architecta	4					



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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela			6			3
5001100302	Pseudeurythoe ambigua			1			3
5001220201	Sigambra tentaculata			1	2	1	1
5001250115	Nephtys incisa			1	3	2	2
5001290201	Diopatra cuprea	1	1	3			1
5001510204	Ninoe nigripes			3			2
5001430502	Prionospio cirrifera			5			1
5001431701	Paraprionospio pinnata					2	
5001520103	Cossura delta	2					
51032003	GCingula						
5105030501	Cosmioconcha calliglypta						1
5517020201	Corbula contracta			1			
61560301	Apseudes		1				
6179140103	Alpheus floridanus	1					
6184	Abbrachyura				1		
6189050401	Speocarcinus lobatus	1					
61890604	GPinnixa	1		1			1

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MACR.JINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela						
5001220201	Sigambra tentaculata	1	5	2	1	1	2
5001250115	Nephtys incisa	2			1		1
5001310113	Lumbrineris tenuis						1
5001310204	Ninoe niaripes	2	4	3	2	5	6
5001410201	Aricidea suecica		1		1		
5001430502	Prionospio cirrifera		1	2			
5001430510	Prionospio cristata		1				
5001431701	Paraprionospio pinnata	2	1			1	1
5001440199	?Magelona filiformis				1		
5001520103	Cosmina delta	1	1		1	4	2
5001600402	Mediomastus californiensis			1		1	1
5001670208	Ampharete acutifrons						1
5105030501	Cosmioconcha calliglypta	1	1				
5515310123	Macoma pulleyi	1					
61560301	Aposeudes						1
6169330301	Listriella barnardi						1
6177010202	Trachyoenaeus similis	1					
6189050401	Speocarcinus lobatus					1	
8129030102	Amphiodia atra		1				

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MACROINFAUNA - TAXIDNOMY

BLM2B7C2

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	1	2	1		
500102	Polynoidae				1		
5001100302	Pseudeurythoe ambigua				3		
5001130110	Anatides erythropyllus				1		
5001250115	Nephtys incisa	2	1		1		
5001270104	Glycera americana				1	1	1
5001310113	Lumbrinereis tenuis				2	1	1
5001310204	Nereis nigripes				1		
5001430502	Prionospio cirrifera		1		2		
5001431701	Paraprionospio pinnata	2	2	2	3		1
5001440199	?Magelona filiformis		1	1			
5001520103	Cossura delta		4				
5001580204	Armandia maculata			1	5		
5001600402	Mediomastus californiensis			1			
51032003	GCinquula			1			
5103760501	Sinum perspectivum				1		
5502040213	Nuculana concentrica	1					
5517020201	Corbula contracta				1		
6154040213	Eudorella monodon				1		
61560301	Apsodes	1	2	2	1		6
6179140301	Automete evermanni				1		
6189050401	Speocerminus lobatus						1
61890604	GPinnixa		1				1

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsti		1	2			1
43	Rhynchocoela				1		1
5001220103	Ancistrostylis jonesi						1
50012404	Gnereis		2	1			2
5001250115	Nephtys incisa	1	4	4	3	2	1
5001290201	Diopatra cuprea					1	1
5001310113	Lumbrineris tenuis	1	1				1
5001310204	Ninoe nigripes	4	2	4	6	3	8
5001431701	Paraprionospio pinnata		2	14	5	3	14
5001440109	Magelona phyllisae	1					2
5001500307	Tharyx marioni			1			1
5001520103	Cossura delta						1
5001600306	Notomastus latericeus	7	3	3	5	2	1
5001600402	Mediomastus californiensis						7
5001670208	Ampharete acutifrons	1					1
51	Gastropoda						1
5103230205	Vitrinella floridana						1
5103760407	Polinices duplicatus						1
5110130201	Volvulella texastana		1				1
5502040213	Nuculana concentrica	1		2	1	1	1
5517020201	Corbula contracta			3	4		6
5520020110	Pandora bushiana			1			2
6184	Arachyura						1
6189050899	?Chasmocarcinus mississippiensis						2
61890604	Ginnixa	1					1
6191	Stomatopoda		1				1

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
37041101	Glovenella			1			
43	Rhynchocoela		1				2
4303020210	Cerebratulus luridus		1				
5001210402	Ophiodromus obscura				1		
5001220103	Ancistrosyllis jonesi		1				2
5001220201	Sigambra tentaculata		1				
50012404	Gereis			1		1	
5001250115	Nephtys incisa	2	5	2	1	1	3
5001260106	Glycinde nordmanni	1					
5001310204	Ninoe nigripes		5	3	5	6	4
5001431701	Paraprionospio pinnata	3	20	3	2	1	
5001440104	Magelona rosea		1		2		1
5001440109	Magelona phyllisae		3	2	1		2
5001520103	Cossura delta	1	1				1
5001600306	Notomastus latericeus	1	16	6		3	8
5001630103	Asychis elongata			2	1		
5103230205	Vitrinella floridana					1	
5106040101	Terebra dislocata						
5110130201	Volvulella texastana		1	1			
5502040213	Nuculana concentrica			1			
5515310123	Macoma pullevi			1			
5517020201	Corbula contracta						1
6184	ABrachyura				1		
7200020199	?Golfingia bulbosa	1					
8129030903	Amphioplus coniertodes			1			

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina	1	1	1		1	2
4303020209	Rhynchocostella		1			2	1
5001100502	Cerebratulus lacteus						
5001220103	Pseudocerythoe ambigua		2				
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata		1		1		
50012404	Nereis					1	
5001250115	Nephtys incisa		1				1
5001300202	Morphyssa belli	1		1		1	1
5001310113	Lumbrinereis tenuis	1	1	1	2	1	1
5001310204	Ninoe nigriceps		2	2		2	2
500141	Paraonidae					1	
5001410214	Aricidea fragilis				1	1	
5001431701	Paraprionospio pinnata		2		1	3	1
5001440109	Megalona phyllisae		1	1		1	
5001500307	Iharyx marioni		1			1	
5001520103	Cossura delta	1		1	1	1	1
5001600306	Notomastus latericeus			1		1	
51032003	GCingula			4	2	29	
5103760501	Sinum perspectivum	1					
5105040401	Cantharus cancellarius				1		
5106021202	Polystira albida			1			
5110130201	Volvulella texasiana	1		1			1
55	Rivalvia	1			1		
5515020311	Ilysiina pygmaea			1			
5515350201	Abra aequialis			1			
61500301	Apseudes				1		
6160210499	?Eriopisa incisa		1	1			
8791020101	Oregasteros atlanticus			1	1		

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina	2	2				
43	Rhynchocoela	2	1	5	1	2	1
5001100302	Pseudeurythoe ambigua					1	1
50012404	GNereis					1	
50012406	GCeratocephale					1	
5001250115	Nephtys incisa	1				1	1
5001300202	Marphysa belli	1					
5001310113	Lumbrinereis tenuis			1	2		
5001310204	Ninoe nigripes						3
5001410301	Parsonis gracilis	1					
5001431701	Paraprionospio pinnata	1	1	1		2	1
5001440199	?Magelona filiformis						1
5001500307	Tharyx marioni					1	
5001520103	Cossura delta		3			1	3
5001600402	Mediomastus californiensis	1					
5001630203	Clymenella zonalis						1
51	Gastropoda			5			
21032003	GLinola	1	1				
2103730104	Atlanta peronii		1				
210602	Turridae	1					
510130201	Volvulella texasiana	1		1		1	1
51507	SLaseidae			2			
5517020201	Corbula contracta				4	2	
6155	Alanaidacea			1			
61560301	Apseudes					1	10
6168	AAmphipoda		1		1		
6175	ADecapoda (arthropoda)					1	
7200020199	?Golfinoia bulbosa						1
8120	Ophiuroidea			1			
8129030102	Amphiodia atra					1	
8791020101	Bremaceros atlanticus			1			

780810SN0500207 T.H

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3760070201	Paranthus rapiformis				2		1
43	Rhynchocoela		3		7		
470401	Linhomoeidra		1		20		
47051002	GSebatieria					1	
5001210103	Gyptis vittata				3		
5001220103	Ancistrostylis jonesi		13	1	18	1	8
5001220201	Sigambra tentaculata	1	1		2	1	1
5001410201	Aricidea suecica	2			1		
5001410601	Cirrophorus lyriformis	1		1			
5001430502	Prionospio cirrifera		1				
5001431701	Paraprionospio pinnata		9		2	2	4
5001440109	Megalona phyllisae	1		2		2	1
5001500307	Tharyx marioni	1			1		1
5001520103	Cossura delta					1	1
7200020199	?Golfinnia hulbosa	2	7	2	11	1	6
7200030197	?Aspidosiphon cumingii	1					
7200030199	?Aspidosiphon albus	1	1		5		1
8129030903	Amphioplus coniofodes	1					



7R0810SN20002B7 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	H	C	D	E	F
470401	Linhomoeidae		1		7	5	
47051001	GDorylaimopsis		2		2		
47051002	GSabatieria	1	19		27	6	7
47110401	GAnticoma				1		
471114	Oncholaimidae		1				
500113	Phyllodocidae		1				
5001220103	Ancistrosyllis jonesi			1	2	18	4
5001220201	Sigambra tentaculata		3	2		6	3
5001310113	Lumbrinereis tenuis		1				
50014102	Aricidae				1		
5001410201	Aricidae suecica					2	1
5001410601	Cirrophorus lyriformis					1	
5001431701	Paraorionospio pinnata			1	1	3	4
5001440109	Magelona phyllisae	3	3		1	1	
5001500307	Tharyx marioni				1	1	1
5001520103	Cossura delta		1		1	1	
5001600402	Mediomastus californiensis				1		
5001630103	Asychis elongata				1	1	
5103230205	Vitrinella floridana						
7200020199	?Golfingia bulbosa						
7200020401	Phascolion strombi	2	4	1	5	1	
7200030197	?Aspidosiphon cumingii					1	
7200030199	?Aspidosiphon albus					3	1

780811SM05002E7 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus					1	
43	Rhynchocoela	7	2				
470401	Linhomoeidra	4	2	7		12	1
47051001	G?Dorylaimopsis		1				
47051002	G?Sabatieria	3	14			13	
5001	Polychaeta		1				
5001080103	Palaenotus heteroseta		1				
5001100302	Pseudenurhthoe ambigua	1				1	
5001210103	Gyptis vittata		2		1		
5001220103	Ancistrosyllis jonesi		10		1		
5001220201	Sigambra tentaculata	7	7	3	1	5	2
5001220203	Sigambra wassi		2				
5001240410	Nereis succinea						1
5001410201	Aricidea suecica	3	1			6	
5001410214	Aricidea fragilis		1				
5001410601	Cirrophorus lyriformis	2	10	1	1	1	
50014304	G?Polydora		1				
5001430502	Prionospio cirrifera		1				
5001431701	Paraorionospio pinnata		1				
5001440104	Magelona rosea		1			1	
5001440109	Magelona phyllisae		1			1	
5001500307	Tharyx marioni	21	52	1	4	18	6
5001520103	Cossura delta	2	4		1	5	
5001600306	Notonastus latericeus		1			1	
5110130201	Volvulella texasiana					1	1
6110	Ostracoda				7		
617020101	Acetes americanus		1				
7200020198	?Golfingia trichocephala		17	6		15	
7200020199	?Golfingia bulbosa	4	104	6	3	25	18
7200030199	?Aspidosiphon albus	2	2	2	4		
8129030903	Amphioptus confortodes		1				1
885A0201	G?Symphurus	1	1				1

780811SN2000287 T.B

MACROINFAUNA - TAXONOMY

HLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
47	Nematoda		1				
470401	Linhomoeidra	27	15	2	2		
47040103	GTerachellindia	2					
47040403	Gtheristus		3				
47051001	GDorylaimopsis	6	6			1	2
47051002	GSabatieris	48	46				
470512	Gyatholaimidae	1	1				
47110401	GAnticoma	1	1				
471114	Gncholaimidae		1				
5001210103	Gyptis vittata		1				
5001220103	Ancistrosyllis jonesi	1		1			1
5001220201	Sigambra tentaculata	7	4				1
5001310113	Lumbrinereis tenuis	1	1	1	1		
5001410201	Aricidea suecica	1					
5001410601	Cirrophorus lyriformis	2					
5001430502	Prionospio cirrifera		1				
5001431701	Paraprionospio pinnata		1				
5001480109	Megalona phyllisae	13	17	6	2	1	31
5001500307	Tharyx marioni	2					
5001520103	Cossura delta	4	1			1	
50016302	GClymenella			1			
5103230205	Vitrinella floridana				1		
7200020199	?Golfingia bulbosa		8	13	5	10	11
7200030199	?Aspidosiphon albus	3	5				1

780812SN0500287 T.4

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:52:44

Code	Organism name	A	B	C	D	E	F
37590101	Gedwardsia				1		
43	Rhynchocoela		3		2		2
5001100302	Pseudeurythoe ambigua					1	
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata	3	5	2	6	5	1
5001290201	Diopatra cuprea	1	1	3	1	4	1
5001300201	Marphysa sanguinea						1
5001310113	Lumbrinereis tenuis	3				1	
5001410201	Aricidea suecica				2		
5001430508	Prionospio cirrobranchiata					1	
5001431701	Paraprionospio pinnata	1				2	1
5001440104	Magelona rosea				4	1	
5001440109	Magelona phyllisae	2	11	5	17	1	3
5001500307	Tharyx marioni			2			
5001630103	Asychis elongata	1			1	2	
5001630203	Clymenella zonalis					1	
5001670208	Ampharete acutifrons	3	4	1	2	3	1
5103230205	Vitrinella floridana		2				
5105040401	Cantharus cancellarius				1		
5110130201	Volvulella texasiana	1	1	1	1	2	2
5502020204	Nucula proxima						
5502040213	Nuculana concentrica	3	2	2		1	2
7200030199	?Aspidosichon albus			1	1	1	1
7700010203	Phoronis architecta		1				
8129030903	Amphioplus conioctodes	1	1	1	2	2	

780812SN20002B7 T.R

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
375A	Zoantharia actiniaria						1
41	Rhynchozoela		2	4	1		
50010218	Glepidasthenia		1				
5001220103	Ancistrosyllis jonesi		1			1	
5001220201	Sigambra tentaculata	9	1	15	6		3
5001250115	Nephtys incisa						1
5001250201	Diopatra cuprea				4	3	
5001300202	Merphysa belli				1		
5001310113	Lumbrinereis tenuis		3	2	1	4	
5001310204	Ninoe nigripes			1			
5001410201	Aricidea suecica	1		1			
5001431701	Paraprionospio pinnata	3	2				1
5001440109	Magelona phyllisae	32	39	43	1	6	12
5001500105	Cirratulus hedgpethi			1			
5001500307	Tharyx marioni	1		1			
5001520103	Cossura delta	1	1				
5001600306	Notomastus latericeus			1			
5001600402	Mediomastus californiensis				9		
5001630103	Asychis elongata					1	
500167020A	Ampharete acutifrons		2	1	5	1	3
51	Gastropoda				1		
5103230205	Vitrinella floridana				1		
5110130201	Volvulella texasiana						1
52	Rivalvia					1	
5202040213	Nuculana concentrica						1
7200020199	?Golfingia bulbosa	1					
7200030199	?Aspidosiphon albus			1		1	1
8129030903	Amphionus coniertodes	1		1	2	3	
885A0201	GSymphurus	1					

780813SN0500287 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	b	C	D	E	F
5001250115	Nephtys incisa			1	1		
5001290201	Diopatra cuprea		1				1
5001410204	Ninoe nigripes	2			1	1	1
5001431701	Paraprionospio pinnata				1		
5001500307	Tharyx marioni			1			
5001520103	Cossura delta				1		2
5105030501	Cosmioconcha callinlypta		2			1	
5106040101	Terebra dislocata				1		
61694810	GStenothoe						1
6179140103	Alpheus floridanus						
885703	Bothidae			1			
				1			

7R0R13SN20002B7 T.H

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	14	1		1		
5001100302	Pseudeurythoe ambigua			1			
5001250115	Nephtys incisa	2			1		
5001290201	Diopatra cuprea		1	2	1		1
5001310204	Ninoe nigripes			2			
5001410508	Prionospio cirrobranchiata	2					
5001431701	Paraprionospio pinnata	1					
5001520103	Cosmura delta		1	1		1	
5517020201	Corbula contracta	2					
6151	AMysidacea	1					

780814SN05002h7 T.R

MACROINFAUNA - TAXONOMY

RLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3740	Anthozoa						
43	Rhynchocoela	1	2		1	1	3
47051001	GDorylaimopsis	1			2	1	1
47051002	GSabatieria				1		
50010218	GLepidasthenia				1		1
5001270201	Sigambra tentaculata				1		
500127	Nereidae	1		1		2	
50012704	Nereis	1		1	1	2	
5001270410	Nereis succinea						1
5001270415	Nephtys incisa	1	3	1	3	8	1
5001270113	Onuphis nebulosa	1					1
5001270201	Diopatra cuprea	1	2	2		2	1
5001310113	Lumbrinereis tenuis		1			2	1
5001310204	Ninoe nigripes	1			3	2	1
500141	Paraonidae				1	1	
5001410301	Paraonis gracilis				3	2	
5001410601	Cirrophorus lyriformis				3	1	
5001430502	Prionospio cirrifera						1
5001431701	Para-prionospio pinnata	6	3	7	5	14	1
5001440199	?Magelona filiformis	3			4	1	1
5001500105	Cirratulus hedgpethi			1		2	3
5001500307	Tharyx marioni					1	1
5001520103	Cossura delta				1	2	3
5001600306	Notomastus latericeus	2	1	4	7	11	5
5001630103	Asychis elongata	6	8	26	19	15	13
500163020201	Clymenella torquata calida						
5001630203	Clymenella zonalis		2	2		4	
5001680701	Pista cristata	1			1		1
501032003	Gastropoda				1		2
50103540205	Cingula			10		1	1
5103760407	Vitrinella floridana		1	6	2	3	6
5105030501	Polinices duplicatus			1			
5108010212	Cosmioconcha calliglypta					1	
5110130201	Turbonilla portoricana			3			
5110130201	Volvulella texasiana		1	3	2	2	1
5110130301	Pyrunculus caelatus				1		
5113020106	Cavolina longirostris						1
5202040213	Bivalvia					1	
520601	Nuculana concentrica					1	
52123101	Arcidae					1	
5215310209	Macoma					1	
5215471401	Tellina versicolor					1	
5517020201	Argiopoma texasiana				1		
5517020301	Corbula contracta		3	1	2	12	2
6160	Vericorbula operculata			1			
6169020108	Peracarida isopoda anthuridea				2		
6169020111	Ampelisca abdita					1	
6169020111	Ampelisca agassizi	2	2	1	1		
61693014	Ghippomedon						1
6189050899	?Chasmocarcinus mississippiensis				1	1	
61890504	Glynnia		2				
7200020199	?Colpistia bulbosa			1			1
7200030199	?Aspidosiphon albus		1				
80020102	Lingula					1	1
8129030903	Amphioolus coniofoides	1		2		1	1



Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1				2	2
4303020210	Cerebratulus luridus				1	1	
47051001	Gorylimopsis		1				
5001210103	Gyptis vittata			1		1	
500124	Nereidae	3	1		3		1
50012404	Nereis	1					
5001250115	Nephtys incisa	1					
5001290112	Onuphis nebulosa		3		1	2	6
5001290201	Diopatra cuprea			1	3		1
5001310113	Lumbrinereis tenuis			1		3	
5001310204	Ninoe nigripes	1	2		1		1
500141	Paraonidae					1	
5001410214	Aricidea fragilis	1					
5001410601	Clitroporus lyriformis	2					
5001431001	Sciophanes bombyx		1				
5001431701	Paraprionospio pinnata	1				3	1
5001440199	?Magelona filiformis	3	2		1	2	1
5001500307	Iharyx marioni	1		1			
5001520103	Cossura delta	1					
5001600306	Notomastus latericeus	2	4	1	9	4	8
5001630103	Asychis elongata	4	10	1	6	12	1
500163020201	Clymenella torquata calida					1	
501	Gastropoda	1					
1032003	GClingula			6	2		
103230205	Vitrinella floridana			3	2		2
108010212	Vitrinella portoricana				2		1
110130201	Volvulella texasiana				3	6	4
517020201	Corbula contracta				2		
5520070199	?Periploma orbicularis				2		
6160	Paracarida isopoda anthuridea				1		
6169020108	Ampelisca abdita			1			
6169020110	Ampelisca verrilli					1	
6169020111	Ampelisca scassini		1				
6184	Brachyura				1	1	
6189050401	Speocarcinus lobatus					1	
6189050499	?Chasmocarcinus mississippiensis	1					
61890604	GPinnixa				2	3	
7200020199	?Golfingia bulbosa				1		
8129030102	Amphiodia atra		2			2	1
8129030903	Amphioplus conortodes	1	2		1		
8741020201	Neoconger mucronatus					1	
8791020101	Bregmaceros atlanticus					1	

780R15SN6500287 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina				1	2	1
3453030198	?Lenticulina iota		1	4	3	1	
3453030199	?Lenticulina bowdensis			1	3		2
3453031098	?Nodosaria fusta				1		
3453031299	?Marginulinopsis marginulinoides					1	
3453560104	Eponides antillarum				1	2	3
43	Rhynchozoela					1	
47051002	GSabatieria		4			1	
471112	Enoplidae						1
471198	?Leptosomatidae (nematoda)						1
5001100302	Pseudeurythoe ambigua						1
50011601	Paralacydonia		4		5	2	
5001210402	Ophiidromus obscura					1	
5001220201	Sigambra tentaculata	1	8		2	3	1
5001250115	Nephtys incisa			1			
5001290112	Onuphis nebulosa			1			
5001300201	Merphysa sanguinea				1	1	
5001310113	Lumbrineis tenuis		1				
5001410201	Aricidea suecica		1			1	
5001410301	Paraonis gracilis						2
5001430502	Prionospio cirrifera				1		
5001430508	Prionospio cirrobranchiata				2		
5001431701	Paraprionospio pinnata	1	3	1	4	1	2
5001440104	Magelona rosea					1	
5001460101	Poecilochaetus johnsoni		1				
5001500307	Tharyx marioni				6	1	2
5001520103	Cossura delta				3		
5001580204	Armandia maculata				1		
5001590101	Sternaspis acutata			1			
5001600306	Notomastus latericeus			2			
5001682301	Amaeana trilobata				2		
51032003	GCinula		4		2		
5105030501	Cosmiocconcha callialypta	1					
5202040514	Yoldia solenoides					1	
5515020311	Thyasira pygmaea			2	1		
551509	Leptonidae				1		
5515471401	Agriopoma texasiana		1				
5717020201	Corbula contracta			1		1	
6110	Ostracoda						
6169020108	Ampeliscia abdita		1				
6183049999	?Gourretia latissima				1		
7200020197	?Golfingia pellucida		2			1	
7200020401	Phascolion strombi			1	1		
80020102	Lingula						3

780815SN2000287 T.H

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	Lenticulina	6	2	1	2	1	1
3453030104	Lenticulina calcar		1	2			1
3453030198	?Lenticulina iota	2	1				2
3453030199	?Lenticulina bowdensis	4		3			7
3453030499	+Dentalina albatrossi	4		3			
3453031098	?Nodosaria fusta	2			1		3
43	Rhynchocoela				1		1
5001060302	Sthenelais boa			1			1
5001130110	Anatides erythrophyllus				1		2
50011601	Paralacydonia	1		3			1
5001220201	Sigambra tentaculata			3			1
5001250115	Nephtys incisa			1	3	3	1
50012602	GSphaerodoropsis				1		1
5001270104	Glycera americana						1
5001290112	Onuphis nebulosa					1	1
5001310113	Lumbrinereis tenuis	1		2	1		1
5001310204	Ninoe nigripes	1			1		1
500140	Orbiniidae	1			1		1
5001410214	Aricidea fragilis	1					1
5001410301	Paronisa gracilis	1					1
5001430502	Prionospio cirrifera	5				4	5
5001431701	Paraprionospio pinnata		1	3			5
5001440104	Macelona rosea			1			1
5001500307	Tharyx marioni		1	1	1		1
5001520103	Cossura delta		1	3			1
5001580204	Armandia maculata			1			2
5001590101	Sternaspis scutata						1
5001600306	Notomastus latericeus				1		1
5001682301	Amaeana trilobata				2		1
55	Bivalvia		1	1			1
5509100105	Lima locklini	1					1
5515020311	Thyasira pygmaea				1		1
5515310123	Macoma pullevi				1		1
5515310209	Tellina versicolor				2		1
5517020201	Corbula contracta				1		1
5520090105	Poromya rostrata		1				1
611102	Cypridinidae	1			1		1
61A8	AAmphipoda						1
61690201	GAmpeleisca						1
6169020110	Ampeleisca verrilli						1
6169150703	Unciola innorata			3			1
6181049999	?Gourretia lakisipina					1	1
6189050899	?Chasmocarcinus mississippiensis						1
7200020197	?Golfingia pellucida	1					1
80020102	Lingula						2

780816SN05002B7 T.H

MACROINFAUNA - TAXONOMY

RLM2R7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi						
43	Rhynchocoela	3		2	1	2	1
5001220201	Sigambra tentaculata			1		1	
500124	Nereidae		1				
50012404	Gnereis			1			
5001250115	Nephtys incisa		1	9	5	6	7
5001270104	Glycera americana		1				
5001280106	Glycine nordmanni						1
5001290201	Diopatra cuprea			1			
5001310113	Lumbrineris tenuis		2	5	1	3	3
5001310204	Ninoe nigripes		1			3	3
500141	Paraonidae					1	
5001410301	Paraonia gracilis				2		1
5001430502	Prionospio cirrifera				1		1
5001431701	Paraorionospio pinnata		1	1	5	1	7
5001440104	Magelona rosea			1	1		1
5001440109	Magelona phyllisae		1	1	1	4	2
5001440199	?Magelona filiformis			1			
5001500307	Tharyx marioni				1	1	1
5001520103	Cossura delta		1	2	6	1	
5001580204	Armandia maculata		3		1	2	1
5001600306	Notomastus latericeus		1		2	2	1
51032603	Cerata						1
5103760407	Polinices duplicatus					1	
5105030501	Cosmioconcha calliglypta		4		3		
5106040101	Terebra dislocata				1		1
5110130201	Volvulella texasiana		1				
5517020201	Corbula contracta					2	
6154040213	Eudorella monodon			1			2
61560301	Apsaudes						1
6179140301	Automate evermanni				1		
6189050899	?Chasmocarcinus mississippiensis					1	

790R16SN20002R7 T.8

## MACROINFAUNA - TAXONOMY BLM2H7C2

12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
370306	Corynidae						
3760010299	?Anthopleura krebsi				15		
43	Rhynchozoela			2	1		3
47051002	GSebatieria						
5001100302	Pseudeurythoe ambigua		1				
5001220201	Sigambra tentaculata	1			2	1	2
500124	Nereidae						
50012404	GNereis	1	1		1		
5001250115	Neohlys incisa		6	1	1		
5001270104	Glyceria americana	5		7	13	7	4
5001280106	Glycinde nordmanni						1
5001290201	Diopatra cuprea						
5001310113	Lumbrinereis tenuis		1			2	6
5001310204	Ninoe nigripes	1	3			2	2
500141	Parsonidae						
5001410201	Aricidea suecica	1					
5001410214	Aricidea fragilis		3				
5001410301	Parsonia gracilis		1			3	
5001410601	Cirrophorus lyriformis		2		2		
5001430502	Prionospio cirrifera		8				
5001431001	Spiothanes bombyx	1		4	9		28
5001431701	Paraprionospio pinnata						
5001440104	Magelona rosea	11	15	26	10	6	22
5001440109	Magelona phyllisae						
5001500307	Tharyx marioni			3	5		2
5001520103	Cossura delta		1	1	1	1	7
5001580204	Armandia maculata	2		3			2
5001600306	Notomastus latericeus		9				3
5001600402	Mediomastus californiensis	3	5	9	6	2	
5001670208	Ampharete acutifrons			1	2		
51032003	Gcinula						
5103230205	Vitrinella floridana	7	4		1	2	
5105030501	Cosmioconcha calliglypta		3		4		17
5110130201	Volvulella texasiana				4		1
5502040213	Nuculana concentrica	2			2	2	
5515310123	Mecoma pulleyi			1			
5515350201	Abra sequalis	1	2		1		
5517020201	Corbula contracta	7	13		4	2	3
6154040213	Eudorella monodon			2			
61560301	Anseudes			2			
6169020108	Ampelisca abdita	1				1	1
6169020111	Ampelisca adassizi	1	1		1	1	
6179140103	Alpheus floridanus			1	1		
6179140301	Automate evermanni		1				
6191	Stomatopoda						
80020102	Lingula					1	
8129030903	Amphioptus confortodes			1			
8179010103	Molpadia cubana	1					
8741020201	Neoconger mucronatus	1		1			

780817SN05002H7 T.R

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3453030104	Lenticulina calcar	5		4	4	2	
43	Rhynchocoela	1	4	2	3		1
471111	Phanodermatidae	1					
5001100302	Paeudeurythoe ambigua	1	1	2		1	1
5001130110	Anaitides erythropyllus				1	1	
50011601	Paralacydonia	1	1			1	1
5001220201	Sigambra tentaculata	1	2	2	2	1	1
500124	Nereidae						
50012406	GCeratocephale			1			
5001250115	Nephtys incisa		2	1	2	1	
5001280106	Glycinde nordmanni					1	
5001300202	Marphysa belli	1			1		1
5001310113	Lumbrineris tenuis	1			1	1	
5001310204	Ninoe nigripes	1					
5001410201	Aricidea suecica		1			6	
5001410301	Parasolis gracilis				1		
5001430502	Prionospio cirrifera		1	3			
5001440104	Madelena rosea				1		
5001440109	Madelena phyllisae	1	1			1	1
5001500307	Tharyx marioni		1	5		3	
5001520103	Cossura delta	2	2	3	2	3	
5001580204	Armandia maculata				1		
5001600306	Notomastus latericeus		4		1	1	
5001600402	Mediomastus californiensis				1		
51032003	GCingula	1		1	1		1
510602	Turridae						
5110010101	Acteon punctostriatus			1			
5502020204	Bivalvia	2	1	3	1	1	
5515020311	Nucula proxima			1			
551505	Thyasira pygmaea	3		1			
551505	Leptonidae						
5515350201	Abra aequalis				1		
5517020201	Corbula contracta		1				
61110401	Sergieilla (ostracoda)			1			
6179140301	Automate evermanni					1	1
6183049999	?Gourretia latispina					1	
6184	Abachyura						1
6189021601	Eucraiodes agassizii					5	1
6189050899	?Chasmocarcinus mississippiensis						
7200020199	?Golfingia bulbosa	1					

780817SN2000287 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina				1		
3453031098	?Nodosaria fusta				1		
43	Rhynchocoela	1	1	3	1	1	3
500102	Polynoidae						1
5001060302	Stheneleis boa			1			
5001130110	Anaitides erythrophyllus			1			1
50011601	Paralacydonia		1				
5001210402	Onchidromus obscura			1			
5001220201	Sisambra tentaculata			2			
500124	Nereidae						2
5001250115	Nephtys incisa	4	4	3	3		2
5001260106	Glycynde nordmanni				2		
5001290112	Onuphis nebulosa						
5001500201	Marphysa sanguinea						1
5001310113	Lumbrineris tenuis	1		2			1
5001310204	Ninoe niaripes					1	
500141	Paraonidae		2				
5001410201	Aricidea quecica				1		1
5001410214	Aricidea fragilis						1
500143	Spionidae						
5001430502	Prionospio cirrifera		1	4	1		12
5001430507	Prionospio pygmaea						1
5001431701	Panorprionospio pinnata				1	1	
5001440104	Magelona rosea		1		2		
5001440199	?Magelona filiformis		2				2
5001460101	Poecilochaetus johnsoni		1				
5001500304	Tharyx setigera						2
5001520103	Cossura delta		3	1	1		
5001580204	Armadia maculata		1			1	
5001600306	Notomastus latericeus	1	1	2			3
5001630103	Asychis elongata			2			
5001630203	Clymenella zonalis				1	2	
5001690101	Terebellides stroemii	1	1	2			1
5105030501	Cosmicocancha calliglypta	1		1			2
5515350201	Abra aequalis		1				1
6179140301	Automate evermanni		1				
6179170101	Processa hemphilli			1			
61860402	Graninoides				1		
6189021601	Eucratodes egassizii		1				
6189050401	Speocarcinus lobatus						1
6189050899	?Chasmocarcinus mississippiensis		1				
8129030903	Amphiplus canartodes			1			
8791020101	Bregmaceros atlanticus	1					
885703	Bothidae	1					

780818SN0500287 T.R

MACROINFAUNA - TAXONOMY LM287C2

12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	1	5	4	3	4
47051002	GSabatieria		2	7		1	
5001060302	Sthenelais boa			1	1		2
5001220201	Sigambra tentaculata			1			
500124	Nereidae			1			
50012404	Nereis	2	1	1		1	2
5001250115	Nephtys incisa	1	1	2	5	2	3
5001270104	Glycera americana	1	1	2			
5001290201	Diopatra cuprea			2			
5001310113	Lumbicynesis tenuis	1	1		1	1	3
5001310204	Ninos nigripes	2			2	3	1
5001410201	Aricides suecica			3			
5001410301	Paraonis gracilis			1			
5001410601	Cirrophorus lyriformis		1			2	
5001430502	Prionospio cirrifera				1		
5001431701	Paraprionospio pinnata		1	2	2	2	
5001440104	Magelona rosea		1				
5001440109	Magelona phyllisae		2	1	1	2	
5001440199	Magelona filiformis		1	1	1		1
5001520103	Cossura delta	1	1	1	1		1
5001600506	Notomastus latericeus	4	2	2	7	3	3
5001630103	Asychis elongata	4	2	2			1
5001630201	Clymenella torquata calida	3	5		1	1	1
5001630203	Clymenella zonalis	3		7	1	3	
5001690101	Terebellides stroemii					4	
500170230205	Vitrinella floridana	3					1
50017530202	Strombiformis bilineatus		1	1			
5001760204	Natica pusilla					1	
5001760501	Sinus perspectivus						1
5001800101	Aeteon punctostriatus	1			1		2
50018130201	Volvulella texasiana	1	4	1	1		
50018130201	Rivalvia				1		
5502020204	Nucula proxima		1				1
5502040213	Nuculana concentrica				2		1
55018310209	Tellina versicolor				1		1
55018350201	Abra aequalis			1			
55018471401	Agriopoma texasiana			1			1
55017020201	Corbula contracta	3	5	7	9	4	8
55017020201	Verrucorbula operculata				2		
6169050108	Ampelisca abdita					1	
6169050110	Ampelisca verrilli				1		
6169050111	Ampelisca agassizi			3		2	
6169370820	Monoculodes edwardsi				1		
6175	A-Decapoda (arthropoda)		1				
6179140301	Automate evermanni			1			
6179170101	Proceca hemphilli			1			
6184	A-Brachyura				2		
61890604	G-Pinnixa						1
7200030199	?Aspidosiphon albus						1
80020102	Lingula						
8129020201	Hamicholus elongata	2			1		
8129030903	Amphipolus confertodes			1			



780H1RSN2000287 T.B

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	3	6	4	2	4	2
47051001	Gdorylaimopsis				2		
47051002	GSabatieria				1		
471198	?Leptosomatidae (nematoda)				1		
50010218	GLepidasthenia		1		1		
5001030201	Polyodontes lupina				1		
5001100302	Pseudeurythoe ambigua	1			2		1
5001210402	Ophiodromus obscura		1				
5001220201	Sigambra tentaculata						
500124	Nereidae	2					
5001240103	Ceratonereis irritabilis				1		
50012404	Nereis	1			6		3
5001250115	Nephtys incisa			4			
5001270104	Glycera americana						
5001290112	Onuphis nebulosa	1					
5001290201	Diopatra cuprea	2			2	2	2
5001310113	Lumbrinereis tenuis				2		2
5001310204	Ninoe nigripes				1	4	1
500141	Paraonidae				1		
5001410601	Cirrophorus lyriformis						
5001430502	Cirronospio cirrifera						
5001431701	Paraonopsis pinnata						
5001440109	Magelona phyllisee						
5001440199	?Magelona filiformis				2	3	6
5001500105	Cirratulus hedapethi						1
5001500307	Iharyx marioni						1
5001520103	Cossura delta	2		1		1	
50015404	GDiplocirrus		1				
5001600306	Notomastus latericeus						
5001630103	Anychia elongata	2	2	5	2	6	2
50016305	Clymenella				9	1	
500163050201	Clymenella torquata calida	1	2	4	1	5	
5001630203	Clymenella zonalis					4	2
5001690101	Terebellides stroemii	1					
51	Gastropoda				1		
5103230205	Vitrinella floridana	2	4	7	30	2	
5103530202	Strombiformis bilineatus			2	4		
5105030501	Cosmiiconcha calliglypta		3		1		
5110010101	Acteon punctostriatus			1			1
5110130201	Volvulella texasiana	2		2	2	2	2
51	Bivalvia						
5102020204	Nucula proxima						
5102040213	Nucula concentrica						
515310209	Tellina versicolor						1
515350201	Abra aequalis						4
515471401	Agrionoma texasiana						1
517020201	Corbula contracta						
6160	Peracarida isopoda anthuridea		4	4	1		12
6169020108	Ampelisca abdita	3			2		2
6169020111	Ampelisca agassizi				1		
6169060399	?Lembo brunneomaculatus	1			2		
6179170101	?Proceca hemphilli	1					
6189050899	?Chasmocarcinus mississippiensis	1					
61890604	Spinicia						
7200020199	?Golfingia bulbosa	5	2		1	3	
8120	Ophiuroidea						
8129020201	Hemipholas elongata						
8129030102	Amphiodia atra						
8129030903	Amphioplus confortodes	2	1	1	4	3	
8162040301	Schizaster orbignyianus						1

780819SN05002B7 T.H

MACROINFAUNA - TAXONOMY

BLM2B7C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3704110102	Lovenella grandis	29					
3756010101	Polythoa texaensis	1		2		1	
3760010299	?Anthopleura krebsi						2
43	Rhynchocoela	1	2		1		4
50010218	GLepidasthenia				1		
5001060302	Sthenelais boe		1				
5001080103	Palaenotus heteroseta					2	
5001100302	Pseudeurythoe ambigua		11		4		2
5001220201	Sigambra tentaculata			1	4		1
50012404	GNeais						
5001250303	Aglaophamus verrilli	1	3	3		1	1
5001290107	Onuphis eremita	2			1	1	4
5001290201	Diopatra cuprea			1			
5001310204	Ninoe nigripes		1				
5001400303	Scoloplos fragilis			2			1
5001400307	Scoloplos rubra			1			
5001410201	Aricidea suecica					1	
5001410204	Aricidea fragilis		2				1
5001430507	Prionospio pygmaea	2	3	4	1	3	2
5001430508	Prionospio cirrobranchiata		1				
5001431701	Paraprionospio pinnata						
5001431901	Dispio uncinata			1	4	2	
5001440109	Macelona phyllisae			3		1	
5001500105	Cirratulus hedgpethi	3	1	3			1
5001500307	Tharyx merion		1				
5001600306	Notomastus latericeus	4		5	3	2	
5001640102	Owenia fusiformis	45	43	36	31	35	26
50017501	Grubeulepis						2
5103230205	Gastropoda			1			
5103760204	Vitrinella floridana	2					
5103760407	Natica pusilla					1	
5103760501	Polinices duplicatus				1	1	
5105030501	Sinum perspectivum						
5105080109	Cosmioconcha calliglypta					1	
5105100201	Nassarius acutus	7	1		1	4	
51100101	Oliya savana		1	2			
5115010102	GActeon						1
5115010102	Parvilucina multilineata		1			1	
5115250301	Mulinia lateralis				1		
5115310209	Tellina versicolor			2			
6169220602	Acanthoheustorius millsi	13	17	24	78	22	64
617701	Penaeidae			1			
618306	Paguridae			1			
6183130201	Albunea paretii						1
61890106	GPortunus		1		1		
6129020201	Hemiphysalis elongata		2	3			1
8129030102	Amphiodia atra				1		1
82010201	Balanoglossus					1	
8717	Osteichthyes	2					

780819SN20002R7 T.R

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis		1	2		2	4
3760010299	Anthopleura krebsi		1	2		1	
43	Rhynchozoela	9	4	3	3	3	3
500102	Polynoidae	1					
50010218	Glepidasthenia						
5001100302	Pseudeurythoe ambigua	13	2	5	7	1	4
5001130104	Anatitides mucosa		1				
5001220201	Siganbra tentaculata	3	1	4	2	5	7
50012404	Gheria		4	3			
5001250303	Agiaphamus verrilli		1	1			
5001270104	Glycera americana	1	1				
5001400307	Scoloplos rubra			1	1		
5001430502	Prionospio cirrifera				1	1	
5001431701	Paraprionospio pinnata	3		3	4	1	
5001431901	Dispio uncinata			1		3	
5001440109	Magelona phyllisae			2	1	1	
5001500105	Cirratulus hedgpethi		1	1		3	
5001600306	Notomastus latericeus		1	1		1	
5001640102	Owenia fusiformis	56	45	73	88	65	73
5001680707	Pista palmata					1	
5103760204	Natica oustila			7	1	2	
5105030303	Anachis obesa		3	1			
5105040401	Cantharus cancellarius			1			
5105080106	Nassarius acutus		4				5
5105100201	Oliva savana	2	2	3			1
551509	Leptanidae						
5515250301	Mulinia lateralis				3	1	3
5515310209	Tellina versicolor		3			1	1
61690603	Glembos				1		
6169220402	Acanthohaustorius millai	15		5	8	30	16
6169221303	Pseudohaustorius americanus	4					
6177020101	Acetes americanus						1
6179150102	Ogyrides limicola						1
61890106	GPartunus		1	2			
8129020201	Hemiphysalis elongata	7	1	1	4	7	5
8129030102	Amphiodia atra	2					2
82010201	Balanoglossus		5			1	4
8500010101	Branchiostoma caribaeum		1			1	
8717	Osteichthyes						

780820SN0500287 T.8

MACROINFAUNA - TAXONOMY

8LM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela			1			1
470401	Linhomoeidra			1			
47051001	Gorytiainopsis			3	2		
47051002	Sabatieria						
471199	?Enchelidiidae		1				
500102	Polynoidae	1					
5001030201	Poliodontes lupina					1	
5001210103	Cyrtis vittata		1				
5001220201	Sigambra tentaculata	2	1		4	2	4
5001240103	Ceratoneis irritabilis	1					
50012404	Nereis	4		3	3	3	4
5001250116	Nephtys magellanica				1		
5001250303	Agleophamus verrilli		1			1	
5001270104	Glycera americana				2		1
5001290201	Diopatra cuprea						3
5001310113	Lumbrineris tenuis	2	2	2		1	
5001360102	SSchistomeringos caeca	1					
5001430507	Prionospio pygmaea	1					
5001431701	Paraorionospio pinnata	8		1	7	5	5
5001440104	Magelona rosea				1		1
5001440109	Magelona phyllisae	17	8	24	30	12	72
5001500307	Tharyx marioni						1
500163	Maldenidae			1			
5001630103	Aeychia elongata	1	2			1	
500163020201	Clymenella torquata calida	2	4		2	2	1
5001670208	Ampharette acutifrons		1		1		2
5105230205	Vitrinella floridana	1					
5110130201	Volvulella texastana	1		1			
5502040213	Nuculana concentrica						1
551547110101	Mercenaria mercenaria texana						1
5515471401	Acriopoma texastana					1	
6179140301	Automate evermanni	1					
6183049999	?Gourretia latispina		1				
7200020401	Phascolion strombi	1					
7200050199	?Aspidosiphon albus	1					
8129030903	Amphipolus confortodes	3	1	3	1	1	

7808203N2000287 T.B

MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
47051001	Gorylaimopsis	1	3		2	2	1
47051002	Sabatieria					1	
50010218	Lepidasthenia					3	
5001210103	Cyrtia vittata	1				1	
5001220201	Sigambra tentaculata						
50012404	Nereis			3	1	3	2
5001290201	Diopatra cuprea					1	1
5001310113	Lumbrinereis tenuis		2	1		3	
5001410214	Aricidea fragilis		2			4	3
5001410601	Cirrophorus lyriformis			1	1	1	
5001431701	Paraprionospio pinnata	1					
5001440189	Megalona phyllisae	10	3	4	3	2	5
5001440199	?Megalona filiformis	30	18	30	40	23	25
5001520103	Cossura delta	5			2		
5001630103	Asychis elongata			3		2	1
500163020201	Clymenella torquata calida				1		1
5001640102	Owenia fusiformis	2				1	
5001670208	Ampharete acutifrons		2				
5103230205	Vitrinella floridana	3	1		1	3	
5515471401	Agriopoma texastana						
617701	Penaeidae	1					
6189050401	Speocarcinus lobatus		1				
7200020199	?Golfingia bulbosa			1			
80020102	Lingula						
8129030903	Amphiplosis conioctodes	1	1		1		5

780821C 287 T.B MACROINFAUNA - TAXONOMY BLM2B7C2

12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
5001220201	Sigambra tentaculata		1		1	1	2
5001220203	Sigambra wassii	1					
5001550501	Diopatra cuprea		2	1	3	1	2
5001440109	Megalona phyllisae			1	1	1	6
5103230205	Vitrinella floridana				1	1	
5502040213	Nuculana concentrica			1	2	2	1

780A22C 287 T.B MACROINFAUNA - TAXONOMY BLM2B7C2

12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2					
47051002	GSabatieria				6		
5001100302	Pseudeurythoe ambigua	1					
5001220103	Ancistrosyllis jonesi	1				1	
5001220201	Sigambra tentaculata	2	2	2	2		1
5001250115	Nephtys incisa		1	1			1
5001290201	Diopatra cuprea				2		
5001310113	Lumbrineris tenuis					1	
5001310204	Ninoe nigripes					2	
5001410201	Aricidea suecica		1				
5001410214	Aricidea fragilis	1					
5001431701	Paraprionospio pinnata	4	1		1		
5001440104	Magelona rosea				5	7	
5001440109	Magelona phyllisae	5	4	6	5		1
5001440199	?Magelona filiformis			1			
5001500307	Tharyx marioni	1					
5001520103	Cosura delta	2	1	1	1	1	1
5001630103	Apychis elongata		1	2			
5001670208	Ampharete acutifrons	1					
5103230205	Vitrinella floridana	1					
7200020198	?Golfingia trichocephala				3		
7200020199	?Golfingia bulbosa	31	20	7	16	16	7
7200030199	?Aspidosiphon albus				1		

780823C

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MACROINFAUNA - TAXONOMY

BLM287C2

12/18/79

16:32:44

Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi						
5001220201	Synchocoele	5	1	2	1		3
5001250115	Sigambra tentaculata					1	1
5001270104	Nephtys incisa	6	1	4	15	11	10
5001280104	Glycera americana	1					
5001310113	Glycinde solitaria	1					
5001310204	Lumbrinereis tenuis	7	5	5	10	6	3
5001330103	Ninoe niaripes	1	1	1	2	1	1
5001410201	Drilonereis longa				1		
5001410214	Aricidea suecica	8		2	5	1	
5001410601	Aricidea fragilis			1		1	
5001430502	Cirrophorus lyriformis		1			2	
5001431701	Priopaspis cirrifera	1				7	
5001440189	Parapriopaspis pinnata	13	4	4	25	9	4
5001440199	Magelona phyllisae		1				
5001500307	?Magelona filiformis	1			2	2	1
5001520103	Tharyx marioni	3		1	1	1	1
5001600306	Cossura delta	5			2		
5001600402	Notomastus latericeus	8	1	2	12	6	2
5001630103	Mediomastus californiensis	1					
5001630103	Asychis elongata	1					
5001630103	Cingula	4					
5001630205	Citrinella floridana			10		6	6
5001630401	Niso aeglees					4	
5001630407	Polinices duplicatus				1		1
5001630801	Cosmiacantha calliglypta		1	3			
5001640101	Terebra dilatata			1		1	1
5001640101	Volvulella texastana			1		1	
5001640101	Bivalvia	3	1	1	3	1	
5002040213	Nuculana concentrica				1	1	
5002050104	Diplodonta soror						
5002050104	Corbula contracta		2				
5002050104	Eudorella monodon			12		6	
5002050104	Aspeydes	1					
5002050104	Gampelisca						
5002050104	Ampelisca abdita	1	1	1	8	3	4
5002050104	Ampelisca spassizi		1				
5002050104	Listriella barnardi					2	
5002050104	Monoculodes edwardsi	1					
5002050104	Synchelidium americanum						1
5002050104	Penaeidae				1		
5002050104	Padurus bonairensis				3		
5002050104	Pinnixa					1	
5002050104	?Golfingia bulbosa			1			
5002050104	Lingula		1	1		1	
5002050104	Astronecten duplicatus		1				
5002050104	Amphipolus confortodes	1					
5002050104	Neoconger mucronatus		1			1	



780824C 287 T.8 MACROINFAUNA - TAXONOMY BLM2B7C2

12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
37590101	GEwardia	1					
43	Rhynchocoela	1	3	2	3	10	3
47051002	GSabatieria			1			
50010218	GLepidasthenia		1	1		2	1
5001060302	Sthenelais boa		1				
5001220103	Ancistrosyllis jonesi						1
5001220201	Sigambra tentaculata		7	1	2	2	1
5001240410	Nereis succinea				1		
5001250115	Nephtys incisa		4		1	9	
5001290201	Diopatra cuprea	1	2	3	3	3	1
5001310113	Lumbrinereis tenuis	1		1	1	1	
5001310204	Ninoe nigripes	2	2	1		5	
5001410214	Aricidea fragilis		1				
5001410601	Cirrophorus lyriformis		1				
5001430502	Prionospio cirrifera					1	
5001431701	Paraprionospio pinnata		8			20	
5001440109	Magelona phyllisae		1				2
5001520103	Cossura delta		2	1		2	
5001580204	Armandia maculata		1			3	
5001600402	Mediomastus californiensis						2
5103230205	Vitrinella floridana		1	6	10	2	4
5103760204	Natica pusilla						1
5105030501	Cosmioconcha calliglypta	2		1			
5106040101	Terebra dislocata						
5110010101	Acteon punctostriatus						
5110150201	Volvulella texasiana	1	2			1	
5502040213	Nuculana concentrica		1	1	2	1	1
5515471401	Acriopoma texasiana			1			
5517020201	Corbula contracta	3	1	1	4	4	7
6169020108	Ampelisca abdita		1				
617701	Peneidae	1					
6177020101	Acetes americanus		1				
6179140103	Alpheus floridanus					1	
6184	ABrachyura					1	
7200020199	?Colfingia bulbosa			1			
8129020201	Hemiphysalis elongata						1
8129030102	Amphiodia atre					2	
81780103	GProtankyra		1	3	1	3	

790101PE05002B7 T.R

MACROINFAUNA - TAXONOMY BLM2B7C3

12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	15	17	6	5	14	20
470401	Linhomoeidra	1					
47051002	GSabatieria	2	6	1	2		
470511	Choniolaimidae					1	
5001050302	Sthenelais boa	1	2	1	1		
5001210105	Gyrtia vittata		1				
5001220103	Ancistrosyllis Jonesi						1
5001220201	Sigambre tentaculata	1	2	1	4		
50012404	GNereis	1					1
5001250115	Nephtys incisa		1				2
5001290107	Onuphis eremita		1				
5001290201	Diopatra cuprea			2	3	3	5
5001310204	Ninoe nigripes						1
5001360102	SSchistoserings caeca				1		
5001360108	Dorvillea sociabilis						2
5001410301	Paronisis gracilis				1		
5001430502	Prionospio cirrifera	4	2			1	
5001430508	Prionospio cirrobranchiata	3					
5001431701	Paraprionospio pinnata	4	1	1	5	2	1
5001440104	Magelona rosea				1	1	1
5001440109	Magelona phyllisae	6	20	9	8	7	18
5001500304	Ibaryx setigera		1				
5001520103	Cosgura delta	2	2		3	2	5
50015404	GDiplocirrus	10					7
5001580204	Armandia maculata				1	1	24
5001600402	Mediomastus californiensis		16				
5001630105	Asychis elongata			1			
50016302	GClymenella			1			
500163020201	Clymenella torquata calida	1					
5001670208	Ampharete acutifrons		1			1	2
51	Gastropoda				1		
5103230205	Vitrinella floridana		1	1	6	1	5
5103760204	Natica pusilla			1			
5106040101	Terebra dialocata		1				
2110130201	Volvulella texastiana						1
515310209	Tellina versicolor						1
6189330301	Listriella bernardi	1					
6177020101	Acetes americanus		1				
6179140103	Alopeus floridanus	1					
6189050899	?Chasmocarcinus mississippiensis		1				
61890604	GPinnixa	1	1	2		1	1
7200020198	?Golfingia trichocephala				1		
7200020199	?Golfingia bulbosa	1	1		4	2	3
8129030903	Amphipolus confortodes	2	1	2		4	2

790101PE20002B7 T.8

MACROINFAUNA - TAXONOMY BLM287C3

12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
37040102	GObelia				2		
3704020301	Filellum serpens				50		
375402	Pennatulidae						1
43	Rhynchozoela	22	17	12	10	21	11
50010208	GHarmothoe				1		
5001060302	Sthenelais boa	3	2		1	1	
5001250103	Ancistrosyllis jonesi		1				2
5001250201	Sigambra tentaculata						
5001250404	GNereis	1		1	1	1	
5001250115	Nephtys incisa	1					
5001270104	Glycera americana			1			
5001290201	Diopatra cuenea	1		1			
5001410301	Parsonia gracilis		1		1		1
5001430402	Polydora socialis		1				
5001430502	Prionospio cirrifera		1		3	1	
5001430508	Prionospio cirrobranchiata	1					1
5001430510	Prionospio cristata	1				1	
5001431701	Paraprionospio pinnata	4			2	5	2
5001440104	Magelona rosea		6			1	
5001440109	Magelona phyllisae	14	30	15	21	16	45
5001440199	?Magelona filiformis	1	1				
5001490303	Spiochaetopterus oculatus	1					
5001500304	Tharyx setigera		1			1	
5001520103	Cossura delta	2	2		3	5	2
5001580204	Armandia maculata	1	1	2		1	
5001600402	Mediomastus californiensis		6	2	6	1	13
5001670208	Ampharete acutifrons	4	3	2	6	4	2
5101230205	Vitrinella floridana		1				
510130201	Volvulella texasiana				1		
55	Rivalvia					1	
5502040213	Nuculana concentrica		1				
5515310209	Tellina versicolor		1		1		
5517020201	Corbula contracta					1	
61230101	GCaliqus					1	
6169330301	Listriella barnardi			1			
6175	Adecapoda (arthropoda)		2				
6177020101	Acetes americanus		1	1			1
6184	ABrachyura						
618050401	Speocarcinus lobatus	1	1		1		
6189050899	?Chasmocarcinus mississippiensis				1		
61890604	GPinnixa	1		1			
7200020199	?Golfingia bulbosa		9		2	1	8
7200030199	?Aspidosiphon albus	1	1	3		1	
80020102	Lingula						
812903	Amphiuridae	1	1				1
8129030903	Amphiprion confertodes	3	2	1	8	2	2

790101PN05002B7 T.8

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2		3		3	2
5001060302	Sthenelais boa		1	1	2		
5001220201	Sigambra tentaculata			1			2
50012404	GNaereis			1			2
5001250115	Nephtys incisa	1		1			
5001310113	Lumbrineria tenuis			1			
5001431701	Pereprionospio pinnata	1	1	1	2		
5001440104	Magelona rosea			1			
5001440109	Magelona phyllisae	14	15	33	4	8	18
5001500307	Tharyx marioni	1				1	
5001520103	Cossura delta		1				
5001580204	Armandia maculata	1		3	1	1	
5001600306	Notomastus latericeus		1				
500163020201	Clymenella torquata calida						1
51	Gastropoda	1					
5103230205	Vitrinella floridana		1				1
5106040101	Terebra dislocata		3				2
5502040213	Nuculana concentrica						2
5517020201	Corbula contracta	2					
6169330301	Listriella barnardi					1	
6169370820	Monoculodes edwardsi	1					
6175	Arthropoda (arthropoda)					1	
6177020101	Acetes americanus					2	
61791104	Periclimenes				1		
6179140103	Alpheus floridanus						1
6179140301	Automata evermanni						2
6189050401	Speocarcinus lobatus					1	
6189050899	?Chasmocarcinus mississippiensis		1				
61890604	GPinnixa	1		1			1
6191010101	Squilla empusa			1			
7200020199	?Golfingia bulbosa		1	1			
7200030199	?Aspidosiphon sibus				3		
812903	Amphiridae			1			
8129030903	Amphipus constrictoides		1	2		1	1
8741020201	Neoconger mucronatus						1

790101PN2000287 T.R

MACROINFAUNA - TAXONOMY

BLM2B7C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	4	10	9	4	4	2
470401	Linhomoeidra						1
47051002	GSabatieria	2	2				2
50010208	GHarmothoe	1				1	
5001060302	Sthenelais boa					2	
5001130104	Anaitides mucosa						1
5001210103	Gyptis vittata	1					
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata		2	1			1
50012404	GNereis	1				1	3
5001250115	Nephtys incisa	1			2		
5001290201	Diopatra cuprea	1	1		1	3	2
5001360108	Dorvillea sociabilis				1		
5001430502	Prionospio cirrifera	1					
5001431701	Paraprionospio pinnata	5	2	3	9	5	5
5001440104	Magelona rosea			1			
5001440109	Magelona phyllisae	16	11	24	26	18	15
5001440199	Magelona filiformis		2			1	
5001500307	Tharyx marioni	1		1	3		1
50015007	Timarete		1				2
5001580204	Armandia maculata		1	2		2	1
5001600306	Notomastus latericeus				1	1	
500163020201	Clymenella torquata calida		1	1		2	2
5001670208	Ampharete acutifrons				1		
5103230205	Vitrinella floridana	2	1	5	5		12
510503	Pyrenidae	1					1
5105030303	Anachis obesa			1			
5106040101	Terebra dislocata				1		1
55	Bivalvia		1	2			
5515050104	Diplodontia spor					1	
5515310209	Tellina versicolor				1		
5515471401	Agriopoma texasiana	1					
5517020201	Corbula contracta				1		
6151	AMysidacea			1		1	
6153012101	Mysidopsis bigelowi						1
6164020110	Ampelisca verrilli	2					
6169330301	Listriella barnardi						1
6175	ADecapoda (arthropoda)				2		
6182	ABrachyura					1	
6189050401	Speocarcinus lobatus		1	2			1
61890604	GPinnixa	2				1	1
7200020199	?Golfingia bulbosa	2	1	2	1	1	
7200030199	?Aspidosiphon albus				1		
7700010203	Phoronis architecta						1
8129030903	Amphitopus confertodes	3		2		5	4

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MACROINFAUNA - TAXONOMY BLM287C3

12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	22	22	14	21	11	9
47051001	GDorylaimopsis				1		
47051002	GSabatieria	2	1		2	3	1
50010208	GHarmothoe		1				
5001060302	Sthenelais boa	3			1	1	
5001080103	Palaenotus heteroseta				1		
5001130110	Anatides erythrophyllus						
5001210103	Gyptis vittata			1			1
5001220103	Ancistrosyllis jonesi		1		1		
5001220201	Sigambra tentaculata	2	4	4	2	2	5
5001220203	Sigambra wassi						1
50012404	GNereis						2
5001250115	Nephtys incisa	1	1	1	1	1	
5001290201	Diopatra cuprea			2	1	1	
5001410301	Paraonis gracilis	1				2	
5001430411	Polydora ligni						
5001430502	Prionospio cirrifera	2		5			
5001430508	Prionospio cirrobranchiata				1	1	4
5001430510	Prionospio cristata						4
5001431701	Paraprionospio pinnata	2	2	2	4	3	4
50014322	Aonides					1	
5001440104	Magelona rosea						1
5001440109	Magelona phyllisae	14	19	7	19	9	16
5001440199	?Magelona filiformis		2	1		1	
5001490303	Spiochaetopterus oculatus	1		1		1	
5001500307	Tharyx marioni	1		1			2
5001520103	Cossura delta	1	3	1	1	2	8
5001550204	Armandia maculata	2	1	2	3	1	1
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis	7	11	10	16	12	1
5001670208	Ampharete acutifrons		3				
5001670211	Ampharete americana					1	
5103230205	Vitrinella floridana	1			1		
5106040101	Terebra dialocata	1	1				
5110130201	Volvulella texasiana			1			
5517020201	Corbula contracta				3		
6169330301	Listriella barnardi			1			
6175	Acanthoda (arthropoda)				1		1
6177020101	Acetes americanus	1				1	
6179140103	Alpheus floridanus						
6189050899	?Chasmocarcinus mississippiensis	1					
61890604	GPinnixa		1	1	2		
7200020199	?Golfingia bulbosa	2		1			
8129030903	Amphiplos confortodes	2	2	1	1	2	5
82010201	Balanoglossus						
8791020101	Bremaceros atlanticus	1					

43	Rhynchocoela	19	10	23	20	28	16
4303020210	Cerebratulus lucidus				1		
470401	Linhomoeida	1					
47051002	Gabatiaria	2	1			2	2
5001	Polychaeta			1			1
50010218	Glepidasthenia						
5001060302	Sthenelais boa	1	1	1	1		1
5001220103	Ancistrosyllis jonesi			1			1
5001220201	Sigambra tentaculata	2	2	6	3	4	2
500124	Nereidae			1			
50012404	Nereis	3	1	1	1		2
5001250115	Nephtys incisa	1	1	1			
5001290201	Diopatra cuprea	1		1	1	1	4
5001410301	Parsonia gracilis	3	1	1			
5001430411	Polydora ligni			1			
5001430512	Prionospio cirrifera	7		1	2		1
5001430507	Prionospio pygmaea	1					
5001430508	Prionospio cirrobranchiata	2	1				2
5001431701	Paraprionospio pinnata	6		4	6	1	6
50014322	Aonides				1		
5001440104	Magelona rosea	1			1		
5001440109	Magelona phyllisae	8	1	10	2	3	4
5001460101	Poecilochaetus johnsoni			2			1
5001500307	Tharyx marioni			2			
5001520103	Cossura delta	5	2			5	3
50015404	Glyptocirrus				2		
5001560204	Armandia maculata			2		1	1
5001600306	Notomastus latericeus		1	2	1		
5001600402	Mediomastus californiensis			16		2	15
5001630103	Aechmis elongata		1				
5001670208	Ampherele acutifrons	2					1
51	Gastropoda				1		
51060211	Kurtziella				1		
510130201	Volvulella texasiana				1		
52	Bivalvia				1		
5202040213	Nuculana concentrica				1		
5515471401	Agriopoma texasiana						1
5517020201	Corbula contracta				1		
6168	Amphipoda						1
6175	Adecapoda (arthropoda)		1				
6177020101	Acetes americanus		1				
6179140301	Automate evermanni		1				
618905	Goneplacidae			1			
6189050401	Speocarcinus lobatus	1					
6129030903	Amphioptus confortodes	1	1		1		4
6791020101	Bragmatocera atlanticus			1			
6847011201	Gobioides broussoneti	1					
6847011601	Bollmannia communis				1		

790101PW0500287 T.B

MACROINFAUNA - TAXONOMY BLM287C3

12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	5	3			3	
50010208	Gharmothoe			1			
5001220201	Sigambra tentaculata	1		3		1	
5001280104	Glycinde solitaria						
5001290201	Diopatra cuprea			1		2	
5001430502	Prionospio cirrifera		1				1
5001431701	Paraprionospio pinnata		2				
5001440109	Magelona phyllisae	2	1	3	2	9	1
5001440199	?Magelona filiformis			1			
5001500304	Iharyx setigera						1
5001520103	Cossura delta			1			
5001580204	Armandia maculata	2	1				2
5001600306	Notomastus latericeus				1		
5001600402	Mediomastus californiensis			1			
5103230205	Vitrinella floridana	2	7	1			1
510130201	Volvulella texasiana	1					1
5517020201	Corbula contracta	2					
6169330301	Listriella barnardi	1					
6175	Adecapoda (arthropoda)					1	1
6177020101	Acetes americanus			2			
6189050401	Speocarcinus lobatus					2	
6189050899	?Chasmocarcinus mississippiensis					1	
61890604	GPinnixa			1			
7200020199	?Golfingia bulbosa						1
8129030903	Amphipopus confortodes		3	4			2
8740	AAnquilliformes	1					
8847011601	Bollmannia communis						1



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MACROINFAUNA - TAXONOMY

BLM287C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3	4	4	5	3
47051001	Gorylemopsis					1	
47051002	Sabatieria					1	
5001	Polychaeta	5					1
5001060302	Sthenelais boa	1					
5001220201	Sigambra tentaculata		3				
5001220203	Sigambra wassi			1			
50012404	GNereis					1	1
5001250115	Nephtys incisa	2	1				
5001290201	Diopatra cuprea			1			
5001430502	Prionospio cirrifera		2				
5001431701	Paraprionospio pinnata	1		2			
5001440109	Magelona phyllisae			4		2	
5001520103	Cossura delta						
5001580204	Armandia maculata	1	1				
5001600402	Mediomastus californiensis					2	
5001630103	Asychis elongata			1			
5103230205	Vitrinella floridana				1		1
5103760204	Natica pusilla						
5106040101	Terebra dislocata		1			1	
5110130201	Volvulella texasiana		1			1	
6177020101	Acetes americanus				1	1	
6184	Arcechyura					1	1
7200020199	Golfingia bulbosa		2	1			
812903	Amphiuridae						
8129030903	Amphiplois confortodes	1					1
8781020201	Neoconger mucronatus			1			

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela						
50010218	Glepidasthenia	6	2		9	5	2
5001060302	Sthenelais boa	3	5		2	2	4
5001100302	Pseudeurythoe ambigua	1	1				1
5001210103	Gyptis vittata					1	
5001220201	Sigambra tentaculata		6	5	3	7	2
50012404	GNereis	15	20	12	17	18	15
5001250303	Aglaophamus verrilli			1			
5001270104	Glycera americana	1	2				3
5001280104	Glycinde solitaria						2
5001290201	Diopatra cuprea						
5001310113	Lumbrinereis tenuis				2		
5001430402	polydora socialis		1				
5001430502	Prionospio cirrifera	2	6	1		1	1
5001430510	Prionospio cristata	2	4	14	5	3	1
5001431001	Spiophanes bombyx				1		
5001431701	Paraprionospio pinnata	13	23	11	13	25	23
5001440109	Magelona phyllisae	263	284	336	269	270	190
5001500307	Tharyx marioni	1					
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis					1	
5001640102	Owenia fusiformis		2				
5001640302	Myriowenia californiensis	6	28			24	21
5001670208	Ampharete acutifrons	1	7	5		4	7
5001680707	Pista palmata		1	1			
5001682002	Loimia viridis		3			5	
5103760501	Sinum perspectivum	4				1	4
5105080106	Nassarius acutus		1				1
5106040101	Terebra dislocata			1			
5502020204	Nucula proxima						
5515250301	Mulinia lateralis	1			1	1	
5515310209	Tellina versicolor	1		3	3	3	7
5515350201	Abra aequalis		2		1		1
551547110101	Mercenaria mercenaria texana					1	
5515471501	Chione clenchi						1
6154050801	Oxvurostylis smithi	1	1		2	1	1
61691502	GCorophium		1				
6183000102	Upogebia affinis		1			1	
6183060237	Pagurus bonafrensis				1	1	1
6183120301	Euceramus praelongus				1		
6189050401	Speocarcinus lobatus					1	1
6189059999	?Frevillea barbata	1				1	1
61890604	?Pinnixa	1					
7200020199	?Golfingia bulbosa	15	19	6	4	13	4
7200030197	?Aspidosiphon cumingii	15	60		7	37	19
7200030198	?Aspidosiphon spinalis			2			
7200030199	?Aspidosiphon albus			1			
7700010203	Phoronis architecta	1				1	2
8129030102	Amphiodia atra	2	5	1	2	1	1
8172060306	Pentamera pulcherrima					1	
82010201	Balanoglossus	4	7	3		2	2

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	7	2	6	4	8	5
470401	Linhomoeidra						1
47051002	GSabatieria			1	1		1
50010218	GLepidasthenia	1				1	1
5001030201	Polyodontes lupina		1				
5001060302	Palaeolais boe	2	6	3	1	3	1
5001080105	Palaeolais heteroseta						1
5001210102	Gyptis brevipalpa			1	1		
5001220103	Ancistrostylis jonesi						
5001220201	Sigambra tentaculata	1	4		2	1	1
50012404	GNereis	5	9		4	4	6
5001270104	Glycera americana		2				
5001280106	Glycinde nordmanni	1					1
5001310113	Lumbrinereis tenuis		1				1
5001410201	Aricidea suecica			1	1		
5001410301	Prionospio gracilis						1
5001430502	Prionospio cirrifera	3	1			4	
5001430508	Prionospio cirrobranchiata						1
5001430510	Prionospio cristata		2	1			1
5001431701	Pareoprionospio pinnata	12	18	10	18	5	18
5001440109	Magelona phyllisae	78	148	124	33	97	152
5001500304	Tharyx setigera						1
5001500307	Tharyx marioni	1			2	1	
50015007	Timarete				1		
5001520103	Cossura delta	1					
5001600306	Notomastus latericeus		1				
5001600406	Mediomastus californiensis	1	2	11	7	14	2
5001640305	Myriometra californiensis			1			
5001670208	Ampharete acutifrons	7			1	6	
5001670211	Ampharete americana						
5001682002	Loimia viridis	8	3	3	9	1	3
5103760204	Natica pusilla						
5103760407	Polinices duplicatus						
5202040213	Nuculana concentrica						1
520601	Arcidae						
520650301	Mulinia lateralis				1		
5206510209	Tellina versicolor					1	1
5512150201	Atrina asqualis	2	2		1		1
5517020201	Corbula contracta			1	2		1
6154050801	Oxvurostylis smithi	1					
6154090202	Cyclaspis varians	3	9	5	5		1
6169371401	Synchelidium americanum					1	
61890106	GPortunus		1				
6189050401	Speocarcinus lobatus					2	
61890604	GPinnix	7	5	2	4	2	1
7200020199	?Colpinnix bulbosa	9	10	9	10	2	29
7200020401	Phascolion strombi						
7200030199	?Aspidosiphon albus	1					
7700010203	Phoronis architecta	2	3		1	2	1
8120	Ophiuroidea				1		1
8129030102	Amphiodia atra		1				2
81780103	GProtankyra						
82010201	Balanoglossus	1		1	1		

790102PN05002B7 T.R

MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texsensis			1			
3760040101	Calliactis tricolor			1			1
43	Rhynchozoia	3	1		3	1	2
5001020813	Harmothoe trimaculata					1	
50010218	GLepidasthenia	1	1				
5001060302	Sthenelais bna	3	3	2	1	1	4
5001100302	Pseudeurythoe ambigua	1	1	7		1	9
5001220105	Ancistrosyllis papillose			1			
5001220201	Sigambra tentaculata	3	2	1			
5001240103	Ceratonereis irritabilis			1			1
50012404	GNereis	17	14	14	15	23	13
5001240410	Nereis succinea			1			
5001270104	Glyceris americana		1		1		
5001280104	Glycinda solitaria						1
5001290201	Diopatra cuprea	1	1	8			2
5001310113	Lumbrinereis tenuis			1			1
5001430402	Polydora socialis		1			1	
5001430411	Polydora ligni	1					
5001430508	Prionospio cirrobranchiata				1		
5001430510	Prionospio cristata	1	5	2			2
5001431701	Paraprionospio pinnata	10	13	11	2	7	8
5001440102	Magelona thyllacea	187	188	78	127	78	54
5001600302	Notomastus latericeus		3				
5001600402	Mediomastus californiensis	1				1	
500163020201	Clymenella torquata calida		1	2	1		
5001660302	Pectinaria gouldii						2
5001670208	Ampharete acutifrons	6	2	2		7	6
5001682002	Loimia viridis		1				
5001682301	Amaeana trilobata				1		
5103740204	Natica pusilla					1	1
5502020204	Nucula proxima		1	1		1	
5506010201	Anadara transverse			1			
5506010202	Anadara ovalis			2		1	1
5515050104	Diadadonta soror						1
5515250301	Mulinia lateralis	1		2	5	2	1
5515310209	Tellina versicolor	4	5	4	1	4	4
5515350201	Abra aequalis	1	1	2	2	1	4
5515471501	Chione clenchi					3	1
5515480102	Petricola pholadiformis		1			1	1
5517020201	Corbula contracta	3		1	2		
6154050801	Oxyurostylis smithi	6	8	6	11		3
6179140301	Autmaneta avazzmanni				2		
6179160601	Letreutes parvulus			1			
6183060237	Pagurus bonairensis		1			1	
6183120301	Euceramus praelongus					1	
61860202	GHeptata			2			
6189020602	Hexapanopeus paulensis			2			1
6189050401	Speocarcinus lobatus				1		
61890604	GPinnixa	8	6	6	3	4	1
7200020199	?Golfingia bulbosa	13	10	3	10	8	2
7200030199	?Aspidosiphon albus				1		
7700010203	Phoronis architecta		1				
8129020201	Hemipholis elongata				2	2	
8129030102	Amphiodia atra				1		

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MACROINFAUNA - TAXONOMY

BLM287C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	1	1	1	4	1
4303020210	Cerebratulus luridus						
50010218	Lepidasthenia	1			1		
5001060302	Shenelia bca	1	2	1		2	
5001100305	Pseudourvyntheo ambigua	1		5			8
5001210402	Ophiodromus obscura		1				
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata	2	2		1	1	7
5001240103	Ceratonereis irritabilis				1		
50012404	Glycera	11	7	2	9	6	6
5001270104	Glycera americana	2	1				1
5001290201	Diopatra cuprea	1		1	13	1	
5001310113	Lumbrineris tenuis					1	
5001410510	Prionospio cristata			1			
5001431761	Paraprionospio pinnata	10	7	1	1	2	4
5001440109	Magelona phyllisae	4	4	7	12	29	11
5001500307	Tharyx marioni	1	1				
5001600306	Notonastus latericeus	1					
500163020201	Clymenella torquata calida	1					
5001640102	Owenia fusiformis	1			1		1
5001670208	Ampharete acutifrons	3		1	4	7	3
5103230205	Vitrinella floridana					1	
5105760204	Natica pusilla	1			1	1	
5105030303	Anachis obesa					1	
55	Bivalvia	1					
5502020204	Nucula proxima	3			1	1	
5506010201	Anadara transversa				5		
5506010202	Anadara ovalis			1	3		
5515010601	Linga amiantus						1
5515250301	Mulinia lateralis	3	13	21	2	5	1
5515310206	Tellina aequistriata						1
5515310209	Tellina versicolor	3	2	1	1	4	6
5515330201	Abra aequalis	1					2
5515471801	Agriopoma texasiana						
5515481102	Petricola pholadiiformis						
5517020201	Corbula contracta	4	3	3	9		
6151	Mysidacea					1	
6154050801	Oxyurostylis smithi		3	2		7	1
6177020101	Acetes americanus					1	
6183040102	Upogebia affinis				1		
6183060237	Pagurus bonairensis			1			
6189020601	Hexapanopeus angustifrons				1		
61890604	Pinnixa	2	3	2		3	3
7200020199	Golfingia bulbosa	2	6	5	2	2	
7200030199	Aspidosiphon albus	1		1			
7700010203	Phoronis architecta				1		
8129020201	Hemiphysa elongata				1		
8129030102	Amphiodia atra		1	1	3	1	

3740	Anthozoa							
3756010101	Palythoa texaensis		1					1
3760020201	Paranthus rapiformis				1			
3760040101	Calliactis tricolor				1			
43	Rhynchoceola				6		15	5
50010218	Glepidasthenia	3	1	5			1	5
5001060302	Sthenelais boa	4	7	8			3	2
5001080102	Palaenotus heteroseta			8			1	
5001100302	Pseudeurythoe ambigua			1				12
5001220201	Sigambra tantaculata	3	6	3	4	1		12
50012404	GNereis	13	9	12				10
5001250115	Nephtys incisa	1						19
5001270104	Glycera americana		2	1				
5001290201	Diopatra cucurba				1			
5001310113	Lumbrineris tenuis		2	1			1	
5001430502	Prionospio cirrifera		1			8	2	2
5001430508	Prionospio cirrobranchiata		2	1				
5001430510	Prionospio cristata	1	5	7				3
5001431001	Spiochaetes bombyx				2			1
5001431701	Paraprionospio pinnata	16	22	31	12		36	17
5001440109	Magelona phyllisee	285	284	78	68	223		356
5001490303	Spiochaetopterus oculatus						1	
5001500307	Tharyx marioni		1	2				
5001600402	Mediomastus californiensis			4			2	1
5001640102	Owenia fusiformis						1	
5001640302	Myrioxenia californiensis						2	
5001660302	Pectinaria gouldii				1			
5001670205	Ampharete acutifrons	4	2	13	4		9	1
5001682002	Loimia viridis				2			3
5103768501	Sinum paracactium	2		1				
5105040401	Cantharus cancellarius						1	
5105080106	Nassarius acutus			1				1
5106040101	Terebra dislocata							
5502020204	Nucula proxima							
5515010102	Parvilucina multilineata	1	1	1		2		
55215450301	Mulinia lateralis					3		
55215450209	Tellina versicolor	1	3	4			1	
55215450201	Abra aequalis	6	1	2		1		1
55217020201	Corbula contracta			3			1	1
55220080301	Bushia elegans	1		1				
6154050801	Oxyurostyliia smithi				9	3		5
6179150102	Ovuridea limicola	11						
6183060237	Pagurus bonafrensis		2					1
61890604	GPinnixa	3		5		2		3
7200020199	?Golfingia bulbosa			7		20		14
7200020401	Phascosion strombi		1					
7200030199	?Aspidosiphon albus					1		2
7700010203	Phoronis architecta	1					5	2
812903	Amphiruridae		1					
8129030102	Amphiodia atra	1		1				
82010201	Balanoglossus				1			3

790102PS20002B7 T.R

MACROINFAUNA - TAXONOMY

BLM2B7C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	5	3	7	10	4
47040403	Gibberistius				1		
47051002	Gibberistius				2		
50010218	Glepidasthenia	1					
5001060302	Sthenelais boa	3	1	1	1	6	3
5001080103	Palaenotus heteroseta		1				
5001100302	Pseudeurythoe ambigua	6	7		3	7	3
5001210103	Cyrtis vittata			1			
5001210402	Ophiodromus obscura	1					
5001220103	Ancistrostylis jonesi						
5001220201	Sigambra tentaculata	6	4	14		15	7
50012404	Genereis	13	9	20	6	10	12
5001270104	Glycera americana		1			3	
5001310113	Lumbrineris tenuis	2	1				
5001410201	Aricidea suecica	1					2
5001410214	Aricidea fragilis	1					
5001430502	Prionospio cirrifera	1	1	3		3	3
5001430508	Prionospio cirrobranchiata	2					
5001430510	Prionospio cristata						
5001431001	Spiophanes bombyx	2				9	1
5001431701	Paraprionospio pinnata					1	
5001440109	Megalona phyllisae	12	20	3	8	49	12
5001500307	Tharyx marioni	418	63	173	105	219	102
5001520103	Cosura delta	1	2			2	
5001580204	Armandia maculata					1	
5001600402	Mediomastus californiensis	4	1	4	5	2	
5001670208	Ampharette acutifrons	2	2			7	3
5001680707	Pista palmata			5			
5001682002	Loimia viridis	1	5	2		7	6
5103230205	Vitrinella floridana	1					
5502020204	Nucula proxima		1				1
5502040213	Nuculana concentrica		1				
5506010202	Anadara ovelis						
5515310209	Tellina varicolor	3		2		2	3
612450201	Abra aequalis			1	1	1	2
6154050801	Oxyurostylis smithi	4				4	
6189050401	Speocarcinus lobatus		1				
61890604	GPinnixa	2		5	2	6	4
7200020199	?Gollingia bulbosa	8	15	38	2	7	8
7200030199	?Aspidosiphon albus	2		2		5	1
7700010203	Phoronis architecta	2	1		1		
812903	Amphiuridae					1	
8129030102	Amphiodia atra		1	1		2	2
82010201	Balanoglossus	2					

790102P\*05002B7 T.B

MACROINFAUNA - TAXONOMY BLM2B7C3

12/18/79

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	3	4	7	4	10	12
5001021A	Glepidasthenia						1
5001060302	Sthenelais boa			2			1
5001100302	Pseudeurythoe ambigua	7	11		20	12	49
5001210102	Gyotis brevipes	1					
5001220201	Sigambra tentaculata	19	2	1	3	4	4
50012404	Gnereis	2	4	5	2	4	4
5001270104	Glyceria americana	1	2				
5001280106	Glycinde nordmanni					2	
5001290201	Diopatra cuprea	1	2	1	1	1	
5001300201	Marphysa sanguinea	1					
5001310113	Lumbrinereis tenuis			2	1	2	
5001410201	Aricidea suecica						2
5001430402	Polydora socialis	2			1		
5001430502	Prionospio cirrifera	4	1	5	1	10	2
5001430508	Prionospio cirrobranchiata	1				2	
5001430510	Prionospio cristata	10	4	4	3		4
5001431701	Paraprionospio pinnata	9	20	3	3	13	14
5001440109	Magelona phyllisae	58	38	146	10	42	75
5001500307	Tharyx marioni			1	2		
5001520103	Cossura delta	1					1
5001600402	Mediomastus californiensis	23	13	10	7	29	44
5001670208	Ampharete acutifrons	5	1		4		1
5001670211	Ampharete americana	11	6	6		1	15
5502020204	Nucula proxima			1	1		5
5502040213	Nuculana concentrica						
55060102	Ganadara			1			
5515250501	Mulinia lateralis	3	2	14	10	10	21
5515310209	Tellina versicolor			4	1		5
5515350201	Abra aequalis			1		1	3
5515480102	Petricola photadiformis	1	1		5	1	1
5517020201	Corbula contracta			1		1	
6154050801	Oxyurostylis smithi	10	7	8	2		2
6179160602	Latreutes parvulus			1			
6183040102	Upogebia affinis			1			
6183060237	Pagurus bonairensis	1					
6189050401	Speocarcinus lobatus					1	4
61890804	Pinnixa			1			
7200020199	Gonimhia bulbosa	2	5	7		5	3
7200030199	Aspidosiphon albus		1	1	2		
7700010203	Phoronis architecta	1					
8129030102	Amphiodia atra	3	3		2		
82010201	Balanoglossus						1



790102PW2000287 T.8

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi					1	
43	Rhynchocoela	2	5	2	3	8	2
47051001	Gdorylaimopsis			1			
47051004	Metacoemesoma				2		
471111	Phanodermatidae					1	
5001060302	Stenelais bosa	2		2	4		
5001100302	Pseudeurythoe ambigua	2	2	2	5	13	7
5001210102	Cyrtis brevipalpa			3			
5001220103	Ancistrosyllis jonesi			1		1	
5001220201	Sigambra tentaculata	2	2	3	7	6	2
5001240103	Ceratonereis irritabilis						1
50012404	GNereis	4	5	2		1	8
5001270104	Glycera americana			1			
5001280106	Glycinde nordmanni				1		
5001300201	Diopatra cuprea	8	4	11	5	2	16
5001310113	Lumbrineris tenuis			1			
5001430402	Polydora socialis				1		
5001430401	Polydora ligni						1
5001430502	Prionospio cirrifera			1			
5001430508	Prionospio cirrobranchiata						1
5001431701	Paraprionospio pinnata					7	1
5001440109	Megalona phyllisae	31	23	23	29	71	67
50015007	Timarete						1
5001600402	Mediomastus californiensis	3			1	1	1
500163020201	Clymenella torquata calida			1	1	1	1
5001630203	Clymenella zonalis						1
5001640102	Owenia rustifrons	1					
5001670208	Ampharete acutifrons	2	3		1	4	9
5001670211	Ampharete americana			4	4		
5001682002	Loimia viridis					1	1
5103230502	Teinostoma biscaynense				2		1
5103760204	Natica pusilla	1	1	1	1		
5103760407	Polinices duplicatus	1					
5106040101	Terebra dislocata		1				
5502020204	Nucula proxima	1		4	1	2	1
5502040213	Nuculana concentrica			1		1	
55060102	GAnadara	1					2
5506010201	Anadara transverse		2	2			
5506010202	Anadara ovalis	1					2
5515250301	Mulinia lateralis	64	45	37	142	37	11
5515310123	Macoma pulleyi			2			
5515310209	Tellina versicolor	5	6	1	4	2	4
5515350201	Anra aequalis					1	2
5515480102	Petricola pholadiformis	3	3	1			2
5517020201	Corbula contracta		2			1	2
6154050801	Oxyurostylis smithi	1			6	6	1
6179150102	Ogyrides limicola				1		
61830602	GPeagus (decapoda)	2					
6183120301	Euceramus preelongus						1
6186020201	Hepatus epheliticus		1				
61890106	GPortunus	1					
6189020601	Hexapanopeus angustifrons			1			
61890604	GPinnixa		6	2	2	11	1
7200020199	?Golfingia bulbosa			1			4
7200030199	?Aspidosiphon albus	2	1		3		
8129030102	Amphiodia atra	1		1	1	1	2
82010201	Relanoglossus			1	1		

790103PE0500287 T.R

MACROINFAUNA - TAXONOMY

BLM287C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	4		1	1	
5001060302	Sthenelais boa						
5001100302	Pseudeurythoe ambigua	1					
5001130110	Aneitides erythrophyllus			1			
5001210103	Gyptis vittata		1				
5001240103	Ceratonereis irritabilis	1		1	6	1	5
50012404	GNereis	11	18	16	22	31	21
50012406	GCeratocephale	7		1			
5001250115	Nephtys incisa		1				
5001270114	Glycera americana						1
5001280106	Glycide nordmanni				2		
5001290112	Onuphis nebulosa					1	
5001310113	Lumbrineris tenuis				5	9	10
5001330101	Drilonereis filum	5	2	2			
50013601	SSchistomeringos			1			1
5001410214	Aricidea fragilis	6	4	1		8	
5001410301	Paraonis gracilis	1	1				
5001430502	Prionospio cirrifera		1				
5001430508	Prionospio cirrobranchiata	1	1				
5001430510	Prionospio cristata	1					
5001431701	Paraprionospio pinnata	3	3	4	1	2	
5001440104	Magelona rosea					2	
5001440109	Magelona phyllisae		1	3			2
5001500307	Tharyx marioni	1	1	1	2		2
50015007	Timarete		3	1	1	2	1
5001520103	Cossura delta	1		2			
50015404	GDiplocirrus			1			
5001580204	Armandia maculata					2	2
5001600402	Mediomastus californiensis		2				1
5001630201	Clymenella torquata calida		1		1		
5001640102	Dwenia fusiformis						1
5001670208	Amphareta acutifrons						1
502040213	Nuculana concentrica				1		
61690201	GAmpelisca						1
6169020108	Ampelisca abdita		2	1			
6169260299	?Photis macromanus				1		
6177020101	Acetes americanus	1					
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni	1					
61791405	Alpheopsis			1			
618702	Parthenopidae	1		1			
61890106	GPortunus			1			
6189050401	Speocarcinus lobatus	1				1	
6189050899	?Chasmocarcinus mississippiensis			2			
61890604	GPinnixa		1	1		1	2
7200020199	?Golfingia bulbosa		1	2			
7815040499	?Cupuladria biporosa	150					
8129030102	Amphiodia atra		1				

790103PE2000287 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texensis	1					
43	Rhynchocysla				4		2
5001060302	Sthenelais boa	2					2
5001100302	Pseudeurythoe ambigua			1	4	1	4
50012307	GExogone						
500124	Nereidae						
5001240103	Ceratonereis irritabilis	2	10		7	11	4
50012404	Gereis	10	3	1	22	15	23
50012406	GCeratocephale	4			8	2	5
5001250115	Nephtys incisa		1		1		
5001250117	Nephtys picta						
5001270104	Glycera americana	1				1	2
5001280104	Glycinde solitaria	2					
5001280106	Glycinde nordmanni		1				2
5001290112	Onuphis nebulosa						
5001310113	Lumbrinereis tenuis	1	2	3	4	9	11
5001410201	Aricidea suecica			1			
5001410214	Aricidea fragilis	2	1	3	7	6	13
5001410501	Parosia gracilis						
5001430502	Prionospio cirrifera			1		2	1
5001430510	Prionospio cristata						
5001431701	Paraprionospio pinnata	2	1	2	1	7	1
5001440104	Magelona rosea		1		1		3
5001440109	Magelona phyllissae	1	1	1			1
5001440199	?Magelona filiformis		1		1		1
5001500304	Tharyx setigera						
5001500307	Tharyx marioni	2	4	2	5	2	2
50015007	Timarete	1					
5001520103	Cossura delta		2		1	1	4
5001580204	Armandia maculata			2		1	2
5001600306	Notomastus latericeus		2	1		1	
5001600402	Mediomastus californiensis				2		
50016302	GClymenella						
5001670208	Appharete acutifrons			1			2
5103530401	Niso seglees			1			
5502020204	Nucula proxima						1
5502040213	Nuculana concentrica				1		
5509100105	Lima locklini	1				1	
5515410204	Tellina versicolor		1				
5515471501	Chione clenchi		1	2			
5517020201	Corbula contracta						1
552005020601	Lyonsia hyalina floridana		1				
6154	ACumacea					1	
61690201	GAmpelisca			2			
6169020110	Ampelisca verrilli	5	1	1	1	1	
6169260299	?Photia macronanus			1	2		2
6169350301	Listriella barnardi						1
6175	ADecapoda (arthropoda)						
6189050401	Specoarcinus lobatus			1			
7200020199	?Golfingia bulbosa	3		2	5	3	3

790103PN05002B7 T.B

MACROINFAUNA - TAXONOMY

BLM287C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	1	7	2		2
5001100302	Pseudeurythoe ambigua		1	1		3	1
5001220201	Sigambra tentaculata			1			
5001240103	Ceratonereis irritabilis	1		1	1	4	3
50012404	GNereis	18	33	7	6	23	27
50012406	GCeratocephala	6	30	4	1	10	6
5001250114	Nephtys buceru			1			
5001250115	Nephtys incise		1				
5001270104	Aglaophanus verrilli			1			1
5001270104	Glycera americana			2			
5001290112	Onuphis nebulosa				1	1	
5001290201	Diopatra cuprea		1				
5001310113	Lumbrineris tenuis	1	9	7	3	7	5
50014102	ARicidae			1			
5001410201	Aricidea suecica			7			
5001410214	Aricidea fragilis	5	10	29	5	6	17
5001410301	Paraonis gracilis			2		1	1
5001430502	Prionospio cirrifera		1	1	1		
5001430508	Prionospio cirrobranchiata			1		1	
5001430510	Prionospio cristata			1			1
5001431701	Paraprionospio pinnata			1	2		3
5001440104	Magelona rosea			1		1	
5001440109	Magelona phyllisae			1			
5001440199	?Magelona filiformis	1		1			
5001500304	Tharyx setigera						3
5001500307	Tharyx marioni						3
50015007	Timarete		2	5	1		
5001520103	Cossura delta	1			1	3	
5001580204	Armandia maculata		1				
5001600306	Notomastus latericeus	1	1			2	
5001600402	Notomastus californiensis		1	2			
5001640102	Owenia fusiformis				1		
5001670208	Ampharete acutifrons					1	
5502020204	Nucula proxima				1		1
5509100105	Lima locklini					1	
5515310209	Tellina versicolor	1				1	
5515471501	Chione clenchi					1	
5517020201	Corbula contracta				1		2
61690201	GAmpelisca		1				
6169020108	Ampelisca abdita					3	2
6169020110	Ampelisca verrilli			2			1
6169020111	Ampelisca agassizi						
6169060309	?Lembo brunneomaculatus				1		
6169260299	?Photis macromanus				1		
6169330301	Listriella barnardi				1		
6169480799	?Parametonella texanais				1		
6175	ADecapoda (arthropoda)						
6177010202	Trachypenaeus similis						1
6179140301	Automate evermanni		1			1	1
6182050401	Speogarcinus lobatus						
7200020199	?Coltingia bulbosa				1		
7200030199	?Aspidosiphon albus		1				
7815040499	?Cupuladria biporosa						175

790103PN2000287 T.8

MACROINFAUNA - TAXONOMY BLM2B7C3

12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2		1	1		
5001040302	Sthenelais boa	1	3	3	1		1
5001210103	Gyptis vittata			1			
5001220201	Sigambra tentaculata				1		4
5001240103	Ceratonereis irritabilis	1		2	4		2
50012404	Nereis	2	2	5	6	1	1
50012406	Ceratocephale	1	1		7		
5001250114	Nephtys bucera	1				1	
5001250115	Nephtys incisa						2
5001250117	Nephtys plicata			1			10
5001250303	Aglaophamus verrilli	7	10	6	8	12	
5001270104	Glycera americana	1			1		
5001280106	Glycinde nordmanni				1	3	1
5001280203	Goniada brunnea	2					
5001280206	Goniada teres	4	4	1			
5001290112	Onuphis nebulosa	4	1				
5001310113	Lumbrinereis tenuis	14	4	4	8	2	1
5001410214	Aricides fragilis	1	1			1	
5001430510	Prionospio cristata			1	2		
5001431701	Paraprionospio pinnata	2	2	1		1	
5001432301	Microspio pigmentata			2			1
5001440108	Magelona puyiliseae	2		2			
5001440199	?Magelona filiformis				1		1
5001500307	Tharyx marioni	5	2	13	4	5	1
50015007	Timarete	2		6	3	4	3
5001520103	Cossura delta			1			
5001580204	Armandia maculata			1			
5001600306	Notomastus latericeus	1	1		2		
5001600402	Mediomastus californiensis			1		2	
5001630103	Asychis elongata	1		2	1		1
5001670208	Ampharete acutifrons	3	1	1	4		4
5001680707	Pista palmata						2
5001690101	Terebellides stroemii						1
55	Bivalvia						1
551531	Tellinidae						1
5515310123	Macoma pulleyi			1			2
5515310209	Tellina versicolor	1	3			1	1
5515310401	Tellidora cristata						1
5515471501	Chione clenchi					1	1
5517020201	Corbula contracta					1	
552005020601	Lyonsia hyalina floridana	1					3
61560301	Assasuda	8	14	4	6	5	1
6160010701	Xenanthura brevitelson				5		
6168	Amphipoda						2
61690201	Gampeliscia	4	15				8
6169020108	Ampeliscia abdita	11	6	5		3	5
6169020110	Ampeliscia verrilli	2	8	7		3	
6169020111	Ampeliscia agassizi	2		2		3	
6169060399	?Lembos brunneomaculatus						1
6169260299	?Photis macromenus	10	2	4		4	1
6179	ALeridae						1
6179140301	Automate evermanni		1		1		
61890604	GPinnixa						
7200020199	?Golfingia bulbosa	8	4	10	2	1	
7200020401	?Phascolion strombi		1				
7200030199	?Aspidosiphon albus				2		
7700010203	Phoronis architecta		1	1			1
7815040402	Cupuladria doma						2
7815040499	?Cupuladria biporosa					150	
7815150201	Discoporella umbellata					43	
80020102	Lingula	1		1	1	50	1
812904	Amphitridae	1					
8129040102	Amphitodis atre				1		
8172060306	Pentamera pulcherrima		1				1
8741131001	Ophichthus gomesii	1					

## MACROINFAUNA - TAXONOMY BLM2B7C3

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	ame	A	B	C	D	E	F
43	Rhynchozoela						
5001060302	<del>Sthenelais boa</del>	3	2	1		1	1
5001100302	Pseudeurythoe ambigua						
5001220201	Sigambra tentaculata		1	4	1	1	1
5001240103	Ceratonereis irritabilis		1	1		4	2
50012404	Nereis	12	19	28	1	19	28
50012406	Glycera	6		4	6	7	2
50012701	Glycera (polychaeta)						
5001270104	Glycera americana		1			3	2
5001280106	Glycinde nardmanni	1	2	1			2
5001290112	Onuphis nebulosa					1	
5001290201	Diopatra cuprea					1	1
5001300201	Marphysa sanguinea					1	
5001310113	Lumbrineris tenuis	3	5	5		4	9
5001410201	Aricidea suecica			1		1	
5001410214	Aricidea fragilis	6	4	6	2	6	4
5001430502	Prionospio cirrifera			1		1	
5001431001	Spiothene bombyx						
5001431701	Paraprionospio pinnata	4	1	2		2	
5001432005	Malacoceros vanderhorsti		1				
5001440104	Magelona rosea	1	1		1		2
5001440109	Magelona phyllisae						
5001500304	Tharyx setigera			2		4	
5001500307	Tharyx marioni	2	2		1	2	2
50015007	Timarete	1	1		2		4
5001520103	Cossura delta			1			
5001600306	Notomastus latericeus	1				1	1
5001600402	Mediomastus californiensis		1		1		1
5001630103	Asychis elongata			1			
5509100105	Lima locklini						1
5515310209	Tellina versicolor						1
5517020201	Corbula contracta			1			1
6169020108	Ampelisca abdita		1	2			
6169020110	Ampelisca verrilli	1	1		1		1
6179140301	Automate evermanni		1				1
6189050401	Speocarcinus lobatus		2		1	2	
6191010102	Squilla chydsea			1			
7200020195	Squilla bulbosa	2					
7200030199	Aspidosiphon albus	1		1			
7700010203	Phoronis architecta						1
8106010502	Astropecten duplicatus		1				

790103PS2000267 T.H

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela	5		9	3	6	1
5001130110	Anatides erythrophyllus	1	2	1	2	1	
5001220201	Sigambra tentaculata	2		1		1	
500124	Nereidae						1
50015404	Nereis	1					1
5001250115	Nephtys incisa	2		1	1	2	1
5001290201	Diopatra cuprea				1	1	
5001310113	Lumbrinereis tenuis	4	2			5	2
5001310204	Ninoe nigripes	3	1	2	3	1	1
5001360102	Schistomeringos caeca	4					
5001410301	Paraonis gracilis				1	1	
5001430502	Prionospio cirrifera	2		2	2	3	
5001430508	Prionospio cirrobranchiata				1		3
5001431701	Paraprionospio pinnata	6		1	1	4	1
5001440104	Magelona rosea	1		1	1		
5001440109	Magelona philippiae		1				
5001440199	?Magelona filiformis	2		1	2		
5001500304	Tharyx setigera				1		
5001520103	Cossura delta	2		1	1	1	
50015404	GDiplocirrus	1					
5001580204	Armandia maculata	7		5		3	3
5001600402	Mediomastus californiensis					2	
5001630105	Asychis elongata				1		
50017501	Grubeulepis			1			
5110130201	Volvulella texasiana						
5517020201	Corbula contracta	1		3	1		
61560301	Apseudes	1	1			2	
6169020108	Ampelisca abdita		1			2	2
6169020111	Ampelisca agassizi				2		
6169060303	Lembo smithi						
6169330301	Listriella bernardi	3					
6179	ACaridea					1	1
6179140103	Alpheus floridanus		1			1	
6179140301	Automate evermanni	2		5	3	1	2
6184	ABrachiura					1	
6187020201	Leiolambrus nitidus	1			1		
6189050899	?Chasmocarcinus mississippiensis			1			
6191010102	Squilla chydrea					1	
7200020109	?Golfingia bulbosa	2					
8120	Ophiuroidea					2	
8129030102	Amphiodia atra		1				
8129030903	Amphioplus confertodes						1
8741020201	Neoconger mucronatus			1			

790103PW05002B7 T.B

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	5	2	1	1	1
47	Nematoda		1				
5001030201	Polyodontes lupina			1			
5001060302	Sthenelais boa			1	1		
5001100302	Pseudeurythoe ambiguus	1	1				1
5001210102	Cyrtis vittata		1	1		1	
5001220103	Ancistrosyllis jonesi		1			1	
5001220201	Sigambra tentaculata		1				
5001240103	Ceratonereis irritabilis	14	3		3	3	2
50012404	GNereis	13	33	7	15	15	17
50012406	GCeratocephale	4	14	4	9	4	11
5001250115	Nephtys incisa	1					
5001250117	Nephtys picta					2	
5001250303	Aglapophamus verrilli			1			1
5001270104	Glycera americana	1	2	2	3	2	3
5001280106	Glycinde nordmanni		1				
5001290107	Onuphis eremita	2					
5001290112	Onuphis nebulosa			1		1	
5001290201	Diopatra cuprea	2				1	1
5001310113	Lumbrinereis tenuis	10	10	7	1	3	7
5001310204	Ninoe nigripes	1					
5001410201	Aricidea suecica		2				
5001410214	Aricidea fragilis	12	18	8	4	10	4
5001410301	Paraonis gracilis					1	
5001410601	Cirrophorus lyriformis		3				
5001430501	Prionospio cirrifera			1			2
5001430510	Prionospio cristata		5	2		2	1
5001431001	Spiophanes bombyx	1					
5001431701	Paraprionospio pinnata	3	4	5	2	3	2
5001432301	Microspio pigmentata		1				
5001440104	Magelona rosea			2			
5001440109	Magelona phyllisae			1	1		1
5001440199	?Magelona filiformis						
5001500304	Tharyx setigera		1				
5001500307	Tharyx marioni		8	5	3	2	4
50015007	Timarete					4	1
5001520103	Cosmina delta		1				
5001600306	Notomastus latericeus		1	3	1	3	2
5001600402	Mediomastus californiensis		1				1
5001640102	Gwenia fusiformis		1		1		
5001640302	Myriowenia californiensis			1		2	
5001670208	Ampharete acutifrons		2				
5001670211	Ampharete americana	1					
5502020204	Nucula proxima		1				1
5502040213	Nuculana concentrica			1			
5515050104	Dipladonta apror					1	
5515310209	Tellina versicolor		4				
5515471501	Chione clenchi		1	1			
5517020201	Corbula contracta		1				1
6154050801	Oxvurostylis smithi	1					
6169020108	Ampelisca abdita		2	1	2		
6169020110	Ampelisca verrilli	6	4	5	1		1
6169020111	Ampelisca agassizi						
6169260299	?Photis macromanus	2	1			1	
6177020101	Acetes americanus						1
6179	ACaridea					1	
6179050202	Leptocheila bermudensis					1	
6189050401	Speonarcinus lobatus	1					
61890604	GPinnixa	1	1				
7200020199	?Golfingia bulbosa	9	1	2	2	4	11
7200030199	?Aspidosiphon albus	1		1			1
73	Echiura	1					
80020102	Linquula					1	
8170	Holothuroidea	1					



Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela	5	1	2	7	4	4
5001060302	Sthenelais boa	1	3		1		
5001130801	Paracitella spectosa					1	1
5001210103	Gyptis vittata					1	1
5001220201	Sigambra tentaculata	1	1			1	
5001240103	Ceratonereis irritabilis	5	2			2	2
50012404	GNereis	4					
50012406	GCeratocephale	4					
5001250115	Nephtys incisa	1	2			5	2
5001250303	Aglaophamus verrilli	6	9		11	5	5
5001280106	Glycinde nordmanni	1	2		5		10
5001310113	Lumbrineris tenuis	4				10	
5001310204	Ninose nigripes		1				1
5001400307	Scoloplos rubra		1				1
5001410201	Aricidea suecica		1				1
5001410214	Aricidea fragilis	1			3		1
5001430502	Prionospio cirrifera						1
5001430510	Prionospio cristata						1
5001431001	Spiothanes bombyx	1		1			1
5001431301	Paraprionospio pinnata		2	2	3	5	1
5001432301	Microspio pigmentata				1		1
500144	Megalonidae						
5001440104	Megelona roses				1		1
5001440109	Megelona phyllisae						1
5001500105	Cirratulus hedgpethi					3	1
5001500304	Tharyx setigera					2	2
5001500307	Tharyx marioni			1	2	5	2
50015007	Timarete	9					1
5001580204	Armadia maculata						1
5001600103	Notomastus latericeus		1				1
5001600409	Mediomastus californiensis					10	1
5001630103	Asychis elongata	1					
5001640102	Owenia fusiformis			1			1
5001640302	Myrionecta californiensis						1
5001660106	Pectinaria gouldii		1	2	2	3	
5001670208	Ampharete acutifrons	3					
5001670211	Ampharete americana	1					
5001682301	Amazilia trilobata						1
5001690101	Terebellides stroemii		1				
5001700402	Megalomma bioculata	1					
5105040401	Gastropoda						
5110040104	Cantharus cancellarius				1		
5110040104	Acteocina cande				1		1
5110130202	Volvulella persimilis						2
520020204	Nucula proxima			1		3	
520040413	Nuculana concentrica		2				
52006010201	Anadara transversa						3
5215050104	Diplodonta soror	3		1			1
521510123	Macoma pulleyi						2
5215210609	Tellina versicolor	2	3	2	4	2	
5215210609	Tellidora cristata						
5215470901	Dosinia discus				2		
5215471401	Agriopoma texasiana						
5215471501	Chione clenchi						
5217020201	Corbula contracta	2					
5217020301	Vericorbula operculata						
522005020601	Lyonata hyalina floridana						1
61560301	Apseudes	3	4	3		7	1
616001	Anthuridae						
6160010701	Xenanthura brevitelson	2	2		1	2	
6169020108	Ampelisca abdita						
6169050110	Ampelisca verrilli	6	6		4	5	4
6169020111	Ampelisca agassizi						1
6169060399	?Lembo brunneomaculatus	2					2
6169260299	?Photis macromanus	6	1				
6169271401	Synchelidium americanum	1					
6177010202	Tachysphonus stimpfli						1
6177020101	Acetes americanus						1
6179160602	Latreutes parvulus		2				
6179170101	Processa hamphilli						1
61810602	GPanurus (Decapoda)						
618120301	Eucraemus oraelongus						
61890106	GPortunus						2
6189050601	Glyptoplax smithii						
6189050999	?Frevillea barbata		1		1		
61890604	GPinnixa						
7200020199	?Golfingia bulbosa	7	1		3	1	5
7200050199	?Aspidosiphon albus						
7815040402	?Cupuladria dome	1					
7815040499	?Cupuladria biporosa		125	300	25		
7815150201	Discoporella umbellata						25
80020102	Lingula	1	1		1		3
8120	Ophiuroidea						
812903	Amphiuridae						
8172060306	Pentameris puTcherrina		1				1
885A020101	Symphurus diaquise				1		

43	Rhynchocoela						
5001060302	Stenelais boe	3	1		4	1	1
5001130110	Anatidea erythrophyllus			1	1		
5001240103	Ceratonereis irritabilis			2		1	
50012404	GNereis				2		
5001250115	Nephtys incisa	1	1	1		2	1
5001280106	Glycynde nordmanni	1					
5001310113	Lumbrinereis tenuis	1	3	1		3	
5001310204	Ninoe nigripes	1	1				1
5001330201	Arabella tricolor	1					
5001410501	Parsonis gracilis			1			1
5001431701	Paraprionospio pinnate				2		
5001440199	?Magelona filiformis	1	2				1
5001500307	Theryx marioni		1				
5001520103	Cossura delta		1				1
50015404	GDiplocirrus				1		
5001580204	Armandia maculata				1	2	1
5001590101	Sternaspis scutata						
5001600306	Notomastus latericeus		3			2	
51032003	GCingula	1				3	
5110130201	Volvulella texasiana						
5502040213	Nuculana concentrica			1			
5515477401	Agriopoma texasiana			1			
5517020201	Corbula contracta	5	1			2	1
6154040213	Eudorella monodon						
6179140103	Alpheus floridanus				1		
6179140301	Automate evermanni				1		
6189050401	Speocarcinus lobatus				1		
61890604	GPinnixa						1
8129030903	Amphipplus confortodes	2	1				
8791020101	Megmaceros atlanticus		7				

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MACROINFAUNA - TAXONOMY BLM2B7C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1		3	2	2	
47051001	GDorylaimopsis		1				1
5001060302	Sthenelais boa				1		
5001210103	Gyotia vittata			2		1	
5001220201	Sigambra tentaculata	1	1				1
50012404	Gnerpis	3		1	1	2	
5001250115	Nephtys incisa	1	1				
5001280106	Glycinde nordmanni						1
5001290201	Diopatra cuprea						1
5001310113	Lumbrinereis tenuis	2	1	1	3	2	1
5001310204	Ninoe nigripes			1		1	1
5001410201	Aricidea suecica	1		1			
5001410301	Paraonis gracilis		1	6			1
5001430502	Prionospio cirrifera		1		1	1	
5001431701	Paraprionospio pinnata					4	2
5001440199	?Magelona filiformis	1					
5001500304	Tharyx setigera				1		
5001500307	Tharyx marioni			1			
5001520103	Cossura delta	1			1	1	4
5001580204	Armandia maculata			2		3	1
5001600306	Notomastus latericeus	1			1	2	1
5001600402	Mediomastus californiensis					1	
5001630103	Asychis elongata				1		
501032003	GCingula		1				
515310123	Macoma pulleyi			1			
5215471401	Agriopoma texasiana	1					
5517020201	Corbula contracta	1		3			1
5520070199	?Periploma orbicularis					1	
6154040213	Eudorella monodon	1					
61690201	GAmpelisca						1
6169330301	Listriella barnardi						1
6175	Adecapoda (arthropoda)		1				
6179140103	Alpheus floridanus				1		1
6179140301	Automate evermanni	2		3			1
6184	ABrachyura					1	
6187020201	Leiolambus nitidus				1		
61890604	GPinnixa	1				1	
8129030903	Amphionulus conortodes					1	1
8791020101	Bregmaceros atlanticus				3		1

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
3453030198	?Lenticulina iota						1
47	Rhynchocoela	4	4	5		11	1
47051002	GSabatieria			1			
5001060302	Sthenelais boa				1		
5001220201	Sigambra tentaculata			1	2	1	2
500124	Nereidae	1	1				
50012404	GNereis	1					1
5001250115	Nephtys incisa	1		1	3	1	1
5001280106	Glycinde nordmanni				1		
5001290201	Diopatra cyprea		1				
5001310115	Lumbrinereis tenuis	2		1		3	2
5001310204	Nince nigripes			1		1	
5001410501	Aricidea suecica	1	1				
5001410214	Aricidea fragilis		2	1		4	1
5001410301	Paraonis gracilis						1
5001410601	Cirrophorus lyriformis				1		
5001430502	Prionospio cirrifera	2	6			21	1
5001431701	Paraprionospio pinnata	1	2	1	1	8	3
5001440104	Magelona rosea			1		1	
5001440199	?Magelona filiformis	4	3	2	3	2	
5001500304	Tharyx setigera	1					
5001500307	Tharyx merionii	4	2	1	1	2	1
500152007	Tinarieta						1
5001520103	Cossura delta	7	9	2	8	7	2
5001580204	Armandia maculata			1		1	
5001600306	Notomastus latericeus			1		1	
5001600402	Mediomastus californiensis			1		1	
50017001	GChone	2	4	1	4	4	7
5110130201	Volvulella texasiana					1	1
521507	Slasgadae						
5215310123	Macoma pulleyi				1	1	
5217020201	Corbula contracta	1	1	1		2	
5220070199	?Periploma orbicularis			1			
52201001	GCardiomya					1	
61530125	Siriella				1		
6153019999	?Tephromysis louisianae			1			
6169020108	Ampelisca abdita			1			
6175	ADecapoda (arthropoda)	1					
6179	ACaridea			1	1		
6179140103	Alpheus floridanus		1				
6179140301	Automate evermanni	1		2		1	
6187020201	Leiolanus nitidus			1			
6189050401	Speocarcinus lobatus					1	
6189050899	?Chasmocarcinus mississippiensis					1	
61890604	GPinnixa		1		1	1	
8129030102	Amphiodia atra				1		1
8162040301	Schizaster orbignyus					1	
8847011601	Bollmannia communis					1	1

43	Rhynchocoela	2	5	1	8	15	6
47051001	GDorylaimopsis				1		
5001060302	Sthenelais boa	1	1			1	
5001130110	Anaitides erythrophyllus						
5001220201	Sigambra tentaculata	1			2	3	
500124	Nereidae	1	1				
50012404	Nereis	1	1			1	1
5001250115	Nephtys incisa	1	4	1	2	1	3
5001280106	Glycinde nordmanni						
5001310113	Lumbrinereis tenuis	4	3		6	4	4
5001310204	Ninoe nigripes					1	1
5001410201	Aricidea suecica	2	2		1	1	1
5001410214	Aricidea fragilis						
5001410301	Paraonis gracilis						
5001430502	Prionospio cirrifera	1	9		8	7	6
5001430508	Prionospio cirrobranchiata						
5001430706	Spio pettibonense						
5001431701	Paraprionospio pinnata	4	5		3	2	1
5001440104	Magelona rosea			2			
5001440199	?Magelona filiformis	1		2	1	1	1
5001500307	Theryx marioni	1					
5001520103	Cossura delta	1	2	2	1	5	5
50015404	GDiplocirrus						
5001540204	Armandia maculata						
5001600306	Notomastus latericeus						
5001600402	Mediomastus californiensis	1	2	2	2	5	2
5103230206	Vitrinella floridana						
5105030303	Anachis obesa						
5110130201	Volvutella texasiana			2	1		
5515110123	Macoma pulleyi						
5517020201	Corbula contracta	4	3	1	1		7
6154040213	Eudorella monodon						
6169020111	Ampelisca spassizi						
6169330301	Littrilla barnardi	1	2				
617914	Alpheidae						
6179140301	Automea evermanni	2	2		3	2	1
6189050401	Speocarcinus lobatus						
6189050899	?Chasmocarcinus mississippiensis	1	1		1	1	1
61890604	GPinnixa			1			
7200020199	?Golfingia bulbosa						
812903	Amphiuridae					1	
8129030102	Amphiodia atra						1
8791020101	Bregmaceros atlanticus					1	

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MACROINFAUNA - TAXONOMY BLM2B7C3

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Code	Organism name	A	B	C	D	E	F
34530301	Glenticulina		1				
43	Rhynchocoela				2	3	4
5001220201	Sigambra tentaculata					1	
5001220801	Parandelia ocularis						1
50012404	GNereis				1		
5001250115	Nephtys incisa	1		2	2	1	2
5001270104	Glycera americana			1			
5001280106	Glycinde nordmanni					1	
5001310113	Lumbrinereis tenuis	1	1	2		1	
5001310204	Ninote nigriceps	1	1	1	2	1	2
5001410201	Aricidea suecica				1	1	
5001410214	Aricidea fragilis	1			1	1	
5001410301	Paraonis gracilis	1	1			1	1
5001410601	Cirrophorus lyriformis					1	
5001430502	Prionospio cirrifera		2		3	3	1
5001431701	Paraprionospio pinnata						1
5001440199	?Magelona filiformis	2	3	1		3	
5001500307	Tharyx marioni		1		1	2	
5001520103	Cossura delta			1	1	4	2
50015404	GDiplocirrus					2	1
5001580204	Armandia maculata	1			1	1	
5001600306	Notomastus latericeus		1	2	4	3	
5001600402	Mediomastus californiensis					1	
51032003	GCingula					1	
5110130201	Volvulella texasiana		1	2		1	
5502040213	Nuculana concentrica			1			
5515471012	Pitar cordatus	1					
5517020201	Corbula contracta		2	1	7	9	1
6169330301	Listriella barnardi						2
6179	ACerides					1	
6179140301	Automate evermanni	1			3	1	
6189050401	Speocarcinus lobatus			1		1	1
6189050899	?Chasmocarcinus mississippiensis				1	1	
61890604	GPinnixa		1			1	
8106010502	Astropecten duplicatus				1		
8129030903	Amphipolus confortodes			1			
8847011601	Bollmannia communis					1	

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	6		1	1	2	2
47051002	GSabatieria			1			
50010208	GHarmothoe	1					
500124	Nereidae						1
5001250115	Nephtys incisa		1	3	1	4	
5001270104	Glycera americana			1	1		
5001280106	Glycine nordmanni				1		
5001310113	Lumbrinereis tenuis		3				1
5001310204	Ninoe nigripes	1	3				
5001330201	Arabella tricolor			1			
5001410214	Aricidea fragilis	3			1		
5001410301	Paronisa gracilis	1					
5001430502	Prionospio cirrifera	4		1	1		
5001431701	Paraprionospio pinnata	2	2	2	1		
5001440104	Magelona rosea	1				1	
5001440199	?Magelona filiformis				2	2	
5001500304	Itharyx setigera	1					
5001500307	Itharyx marioni	1					
50015404	GDiplocirrus	2					
5001580204	Armandia maculata	1	1		1	1	
5001600306	Notomastus latericeus			1			
5001600402	Mediomastus californiensis		1				
51032003	GCinquia				3	1	
5110010101	Acteon punctostriatus				1		
5110130201	Volvulella texasiana		1	1		2	
5502040213	Nuculana concentrica						1
5517020201	Corbula contracta	1		1	3		
6169020108	Ampelisca abdita	2					
6175	ADecapoda (arthropoda)						
6179140301	Autonote evermanni			1			
61890604	GPinnixa	1	1	1			1
61910101	GSquilla			1			
8120	Ophiuroidea			1			
8129030903	Amphipoda conioctodes						1

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1		1	1	1	1
5001060302	Sthenelais bog					1	
5001240103	Ceratonereis irritabilis				1		
50012404	Nereis	1					
5001250115	Nephtys incisa					1	1
5001280106	Glycinde nordmanni				1		
5001310113	Lumbrinereis tenuis				1	1	1
5001310204	Ninoe nigripes	1				2	
5001440199	?Magelona filiformis			1	1	3	2
5001520103	Cossura delta		1			1	1
5001580204	Armandia maculata				1		
5001600306	Notomastus latericeus					3	
5001600402	Mediomastus californiensis				1	1	
5001630103	Asychis elongata					1	
51	Gastropoda						1
5110130201	Volvulella texasiana					1	
5515471401	Agriopoma texasiana		1				
5515471501	Chione clenchi			1			
5517020201	Corbula contracta		3	1			
6189050401	Speocarcinus lobatus			1			
6189050899	?Chasmocarcinus mississippiensis					2	1
61890604	GPinnixa				2	1	
8129030903	Amphipolus coniertodes			1	1		



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MACROINFAUNA - TAXONOMY BLM2B7C3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela						
47051002	GSabatieria		2		1	1	1
5001130110	Anatides erythrophyllus					1	
5001210103	Gyptis vittata	1					
5001220201	Sigambra tentaculata	1					
50012404	GNereis		2				
5001250115	Nephtys incisa				3	1	2
5001280106	Clycinde nordmanni		1				
5001290201	Diopatra cuprea			1			
5001310113	Lumbrineris tenuis	1					
5001310204	Ninoe nigripes			1			1
5001410301	Paraonis gracilis	1					
5001431701	Paraprionospio pinnata					1	
5001440199	Magelona filiformis		1		2	1	1
5001520103	Cossura delta		2			1	1
5001580204	Armandia maculata		1		1	1	1
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis				2		
5015003	GCingula				3		
5105030303	Anachis obesa	1					
5110130201	Volvulella texasiana		1				
55	Rivalvia				2		
5502040213	Nuculana concentrica				1		
5517020201	Corbula contracta	2	3	2	4	2	
6164020108	Ampelisca abdita					1	
6169330301	Listriella barnardi		1				
6170140103	Alpheus floridanus		1				1
6170140301	Automete evermanni				1	1	
61890604	GPinnixa					3	

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	8	3	1	2	1	3
50010208	Gharmothoe		1				
5001060302	Sthenelais boa		2	6	4	2	1
5001100302	Pseudeurythoe ambigua	11	14	6	9	8	3
5001210102	Gyptis brevipes	1	1				
5001220103	Ancistrosyllis lonesi	1	1				
5001220201	Sigambra tentaculata	24	16	6	13	14	15
50012404	Gnereis	18	10	13	15	7	4
5001270104	Glycera americana						1
5001280106	Glycinde nordmanni	1	1		1		
5001290201	Diopatra cuprea		5	3	4		2
5001430411	Polydora ligni		1	2	1	1	
5001430508	Prionospio cirrobranchiata	1					
5001431701	Paraprionospio pinnata	10	13	13	26	16	5
5001440109	Magelona phyllisae	255	51	40	93	66	55
5001500307	Tharyx marioni	1					
5001580204	Armandia maculata				2		1
5001600402	Mediomastus californiensis	1					
5001600402	Gastropoda	1	1				
5103230205	Vitrinella floridana		4	1			
5105030601	Nassarina glypta	1					
5105080106	Nassarius acutus		2	1			
5106040101	Terebra dialocata					1	1
5502020204	Nucula proxima	1					
5502040213	Nuculana concentrica	1	1	1			
550601	Arcidae					1	
5506010202	Anadara ovalis					1	
551547	Veneridae			1			
5515471401	Agriopoma texasiana		1				
55154717	Periglypta			1			
5517020201	Corbula contracta		3	3	1	1	1
6153012101	Mysidopsis bigelowi				1	2	
6169020108	Ampelisca abdita					1	1
6177020101	Acetes americanus	3			3	1	1
61890604	GPinnixa		2				
7200020199	?Golfingia bulbosa	11	19	37	27	17	10
7200030199	?Aspidosiphon albus	2	4	1	2	1	3
8129020201	Hemipholis elongata		1				
8129030903	Amphipolus conioctodes	1		1		1	

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MACROINFAUNA - TAXONOMY

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3				1
47051002	GSabatieria	1				1	
50010218	GLepidasthenia						
5001060302	Sthenelais boa			1			
5001210103	Gyptis vittata	1			1		2
5001220201	Sigambra tentaculata			1			
50012404	GNereis		1	1	1	1	
5001250115	Nephtys incisa	1		1		1	
5001280106	Glycinde nordmanni			1			
5001290201	Diopatra cypres	2	2	2	1	1	1
5001310113	Lumbrineris tenuis	2		1			1
5001430502	Prionospio cirrifera	1			1	1	
5001431701	Paraprionospio pinnata				2		1
5001440109	Magelona phyllisae	2	2	3	2	3	
5001500307	Tharyx marioni						
5001520103	Cossura delta				2		2
5001580204	Armadia maculata	1					
5001600306	Notomastus latericeus	1		1		1	
5001630103	Asychis elongata	2		2	3	3	2
5001670208	Ampharete scutifrons					1	
51	Gastropoda					2	
5103230205	Vitrinella floridana	4					2
5502040213	Nuculana concentrica		1				
5515471401	Agriopoma texasiana		1				
6179140103	Alpheus floridanus				1		
6189050401	Speacarcinus lobatus		1	2	1		
6189050899	?Chasmocarcinus mississippiensis			1			
61890604	GPinnixa			1			
7200020199	?Golfingia bulbosa	4	13	1	3	8	7
7200030199	?Aspidosiphon albus	1					
8129030903	Amphioplus confortodes	1				1	
8741020201	Neoconger mucronatus					1	

790123C

287 T.8

MACROINFAUNA - TAXONOMY

BLM2B7C3

12/18/79

16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchozoela						
5001060302	Sthenelais boa			2	1	1	1
5001210103	Cyrtis vittata					1	1
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata	2	1			2	
5001250115	Nephtys incisa	2	2	1			
5001280106	Glycinde nordmanni					1	
5001290201	Diopatra cuprea						1
5001310113	Lumbrineris tenuis	1	2	1	1	1	1
5001310204	Ninoe nigripes			1	1	1	1
5001410201	Aricidea suecica		1				
5001410301	Paraonis gracilis			1			
5001430502	Prionospio cirrifera					1	
5001431701	Paraprionospio pinnata	2	3	1			1
5001432005	Malacoceros vanderhorsti	1					
5001440199	Magelona filiformis	1	1			3	
5001500304	Tharyx setigera					1	
5001520103	Cossura delta	4	1		1		1
5001580204	Armandia maculata	1	2				1
5001600306	Notomastus latericeus				1		
5001600402	Mediomastus californiensis	2				2	
5103230205	Vitrinella floridana	1					
5515310123	Macoma pulleyi					1	
5517020201	Corbula contracta					2	2
6169020108	Ampelisca abdita			2		1	1
6169020111	Ampelisca agassizi	1			2	1	
6169330301	Listriella barnardi						1
6179140103	Alpheus floridanus						1
6179140301	Automata evermanni					3	
618902	Xanthidae						1
61890604	GPinnixa						2
8791020101	Bregmaceros atlanticus	1					

790124C

287 I.B

MACROINFAUNA - TAXONOMY

BLM287C3

12/18/79

16:45:36

Code	Organism name	A	H	C	D	E	F
43	Rhynchocoela	2	4	3	4	4	7
470401	Linhomoeidra					1	
47051001	Gdorylaimopsis					1	
47051002	GSabatieria	3	1	1		5	1
5001060302	Sthenelais boa			1			
5001130801	Paranaitis speciosa	1				1	
5001220201	Sigambra tentaculata						
5001220115	Nephtys incisa	5	8	7	4	6	8
5001290201	Diopatra cupres	2		4	4		1
5001310113	Lumbrineris tenuis		1	1		2	
5001310204	Ninoe nigricox	5			2		3
5001410201	Aricidea suecica		2	1			1
5001430502	Prionospio cirrifera					2	
5001430510	Prionospio cristata					1	
5001431701	Paraorionospio pinnata	2	10	7	1	14	3
5001440104	Maeclona rosea					1	
5001440109	Maeclona phyllisae		1	4	2	4	5
5001500307	Tharyx marioni			1			
5001520103	Cossura delta	1		2		1	
5001580204	Armandia maculata		2				1
5001600306	Notomastus latericeus	1		1	1	3	
5001600402	Mediomastus californiensis		2	4	2		
500163020201	Clymenella torquata calida			1			
5103230205	Vitrinella floridana		1			2	4
5110130201	Volvulella texasiana						2
5515370201	Mytilopsis leucophaeata		1				
5517020201	Corbula contracta		2	2	5	2	1
6154050801	Oxyurostylis smithi					1	
6169370820	Monoculodes edwardsi					1	
6179	Caridea	1					
6179140301	Automate evermanni	2					
6189050401	Speocarcinus lobatus		1				1
61890604	GPinnixa				1		
8129030102	Amphiodia atra						1

**SPECIES DIVERSITY AND EVENNESS  
MACROINFAUNA**

SPECIES DIVERSITY AND EVENNESS - MACROINFAUNA - CRUISE 1

Label		# Spe.	# Ind.	S-W	Pielou	Heip
780501PE05002B7	T.B	64	340	1.93	.465	.094
780501PE20002B7	T.B	74	316	2.41	.559	.138
780501PN05002B7	T.B	71	219	2.34	.552	.166
780501PS05002B7	T.B	65	329	1.11	.458	.099
780501PS20002B7	T.B	69	443	1.11	.359	.053
780501PW05002B7	T.B	57	266	1.11	.475	.104
780501PW20002B7	T.B	53	132	2.03	.510	.127
780502PE05002B7	T.B	138	818	3.29	.667	.188
780502PE20002B7	T.B	97	539	2.03	.618	.165
780502PN05002B7	T.B	131	783	3.27	.672	.196
780502PN20002B7	T.B	106	645	3.11	.666	.203
780502PS05002B7	T.B	139	709	3.25	.659	.180
780502PS20002B7	T.B	105	438	3.08	.619	.162
780502PW05002B7	T.B	128	830	3.19	.600	.137
780502PW20002B7	T.B	112	535	3.29	.597	.233
780503PE05002B7	T.B	116	468	3.36	.708	.242
780503PE20002B7	T.B	131	494	3.29	.675	.199
780503PN05002B7	T.B	108	278	3.45	.738	.286
780503PN20002B7	T.B	139	390	3.34	.677	.198
780503PS05002B7	T.B	100	329	3.17	.687	.229
780503PS20002B7	T.B	78	285	3.15	.632	.191
780503PW05002B7	T.B	102	229	3.08	.752	.310
780503PW20002B7	T.B	78	187	3.03	.675	.229
780504PE05002B7	T.B	66	189	3.11	.742	.329
780504PE20002B7	T.B	65	115	3.08	.737	.323
780504PN05002B7	T.B	83	237	3.09	.678	.231
780504PN20002B7	T.B	67	124	3.00	.714	.290
780504PS05002B7	T.B	70	131	3.11	.731	.310
780504PS20002B7	T.B	61	121	3.04	.740	.332
780504PW05002B7	T.B	77	141	3.22	.741	.336
780504PW20002B7	T.B	61	107	3.04	.691	.269
780521L	T.B	65	488	3.02	.485	.103
780522C	T.B	70	314	3.05	.584	.150
780523C	T.B	68	94	3.03	.770	.370
780524L	T.B	32	252	1.03	.353	.077

780801PE0500287	T.B	21	33	1	96	.645	.306
780801PE2000287	T.B	33	35	2	71	.756	.400
780801PN0500287	T.B	33	60	2	02	.593	.225
780801PN2000287	T.B	29	38	1	42	.719	.346
780801PS0500287	T.B	28	146	2	88	.803	.376
780801PS2000287	T.B	28	48	1	94	.641	.276
780801PW0500287	T.B	31	42	1	96	.571	.204
780801PW2000287	T.B	26	26	1	02	.652	.295
780802PE0500287	T.B	36	171	1	55	.434	.107
780802PE2000287	T.B	15	133	1	55	.202	.052
780802PN0500287	T.B	29	95	1	69	.501	.157
780802PN2000287	T.B	30	137	1	48	.436	.118
780802PS0500287	T.B	26	42	1	45	.524	.218
780802PS2000287	T.B	28	109	1	33	.450	.150
780802PW0500287	T.B	32	74	1	80	.510	.153
780802PW2000287	T.B	28	134	1	91	.694	.338
780803PE0500287	T.B	30	106	1	9	.761	.358
780803PE2000287	T.B	28	60	1	78	.673	.247
780803PN0500287	T.B	30	60	1	34	.824	.480
780803PN2000287	T.B	28	165	1	37	.739	.297
780803PS0500287	T.B	30	101	1	11	.773	.390
780803PS2000287	T.B	28	50	1	76	.753	.369
780803PW0500287	T.B	30	82	1	29	.811	.454
780803PW2000287	T.B	28	134	1	04	.744	.337
780804PE0500287	T.B	44	47	1	53	.753	.380
780804PE2000287	T.B	28	47	1	67	.733	.362
780804PN0500287	T.B	30	73	1	88	.767	.371
780804PN2000287	T.B	28	84	1	99	.699	.287
780804PS0500287	T.B	30	56	1	22	.818	.479
780804PS2000287	T.B	28	56	1	45	.643	.240
780804PW0500287	T.B	47	50	1	04	.789	.431
780804PW2000287	T.B	29	33	1	37	.703	.346
780805SN0500287	T.B	30	23	1	11	.406	.117
780805SN2000287	T.B	29	26	1	25	.387	.103
780806SN0500287	T.B	17	1	1	62	.925	.796
780807SN2000287	T.B	17	1	1	50	.858	.646
780807SN0500287	T.B	20	11	1	75	.876	.664
780807SN2000287	T.B	23	11	1	55	.876	.664
780808SN0500287	T.B	20	33	1	77	.726	.386
780808SN2000287	T.B	20	24	1	44	.727	.390
780809SN0500287	T.B	30	19	1	75	.809	.505
780809SN2000287	T.B	31	15	1	05	.888	.669
780810SN0500287	T.B	18	26	1	11	.765	.478
780810SN2000287	T.B	28	31	1	22	.744	.424
780811SN0500287	T.B	28	88	1	22	.641	.265
780811SN2000287	T.B	30	26	1	11	.665	.317
780812SN0500287	T.B	30	42	1	96	.811	.526
780812SN2000287	T.B	11	4	1	22	.581	.217
780813SN0500287	T.B	10	6	1	81	.924	.817
780813SN2000287	T.B	10	6	1	81	.784	.565
780814SN0500287	T.B	30	60	1	10	.773	.391
780814SN2000287	T.B	29	33	1	10	.829	.516
780815SN0500287	T.B	44	24	1	37	.890	.653
780815SN2000287	T.B	29	25	1	38	.887	.644
780816SN0500287	T.B	28	26	1	93	.846	.572
780816SN2000287	T.B	40	80	1	10	.797	.443
780817SN0500287	T.B	40	34	1	27	.901	.687
780817SN2000287	T.B	44	22	1	27	.863	.586
780818SN0500287	T.B	52	46	1	57	.852	.549
780818SN2000287	T.B	60	77	1	53	.862	.600
780819SN0500287	T.B	50	107	1	18	.556	.159
780819SN2000287	T.B	39	124	1	02	.551	.172
780820SN0500287	T.B	36	50	1	00	.559	.183
780820SN2000287	T.B	36	52	1	89	.579	.224
780821L	T.B	2	30	1	47	.820	.670
780822C	T.B	2	30	1	98	.597	.245
780823L	T.B	2	30	1	98	.775	.601
780824L	T.B	2	35	1	98	.619	.504



790101PE0500287	T	B	44	61	740	3359
790101PE2000287	T	B	46	80	.663	.230
790101PN0500287	T	B	355	52	.618	.301
790101PN2000287	T	B	45	52	.696	.230
790101PS0500287	T	B	46	68	.692	.301
790101PS2000287	T	B	48	57	.694	.301
790101PW0500287	T	B	27	15	.836	.567
790101PW2000287	T	B	27	13	.856	.608
790102PE0500287	T	B	31	304	.383	.070
790102PE2000287	T	B	34	189	.512	.126
790102PN0500287	T	B	48	199	.478	.108
790102PN2000287	T	B	48	173	.727	.343
790102PS0500287	T	B	48	281	.361	.070
790102PS2000287	T	B	48	178	.441	.100
790102PW0500287	T	B	43	163	.674	.277
790102PW2000287	T	B	57	75	.598	.183
790103PE0500287	T	B	48	65	.606	.201
790103PE2000287	T	B	50	108	.758	.375
790103PN0500287	T	B	53	196	.673	.259
790103PN2000287	T	B	65	196	.641	.272
790103PS0500287	T	B	41	353	.680	.277
790103PS2000287	T	B	62	88	.875	.615
790103PW0500287	T	B	87	165	.761	.335
790103PW2000287	T	B	41	19	.904	.471
790104PE0500287	T	B	39	19	.909	.708
790104PE2000287	T	B	48	41	.797	.444
790104PN0500287	T	B	43	45	.846	.549
790104PN2000287	T	B	47	24	.884	.648
790104PS0500287	T	B	34	17	.911	.722
790104PS2000287	T	B	34	19	.925	.780
790104PW0500287	T	B	49	1	.895	.691
790121C	T	B	33	184	.553	.156
790122C	T	B	33	24	.859	.326
790123C	T	B	33	15	.927	.588
790124C	T	B	38	36	.788	.438

**MACROEPIFAUNA AND DEMERSAL FISH TAXONOMY**

780501PN05002BBF T.B

## MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM28BC1

12/19/79

08:24:31

Code	Organism name	No.	Wgt.
375402	Pennatulidae	1	3.2
3756010101	Palythoa texaensis	5	.9
3760040101	Callinectes tricolor	28	81.5
5001021104	Lepidonotus sublevis	6	.0
5001060302	Sthenelais boa	9	.0
50012202	GSigambra	1	.0
5001270104	Glycera americana	1	.0
5001290201	Diopatra cuprea	9	.0
5001431701	Paraprionospio pinnata	1	.0
5001500105	Cirratulus hedgpethi	10	.0
5001670208	Ampharete acutifrons	1	.0
5126020302	Pleurobranchaea hedgpethi	134	258.2
6177010402	Sicyonia dorsalis	1	.5
6177020101	Acetes americanus	2	.1
6179140103	Alpheus floridanus	2	2.1
6179170102	Processa bermudensis	4	.1
6183060232	Pagurus pollicaris	16	64.0
6183120502	Porcellana sayana	2	.5
6186020102	Calappa sulcata	4	15.8
6186020201	Hepatus epheliticus	6	36.1
6186030102	Persephone crinita	11	37.8
6187020201	Leiolambrus nitidus	11	5.2
6189010302	Callinectes similis	6	19.1
6189050401	Speocarcinus lobatus	2	2.6
6191010101	Squilla empusa	42	164.1
8129030102	Amphiodia atra	1	.0
8129030903	Amphioptus confortodes	4	.2
8826020118	Prionotus rubio	2	6.4
8835360112	Lutjanus synagris	1	116.4
8847010501	Gobionellus boleosoma	1	.1

780502PN0500288F T.8

## MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C1

12/19/79

08:24:31

Code	Organism name	No.	Wgt.
3760040101	Calliactis tricolor	3	5.1
5001021104	Leiodonotus sublevis	3	.0
5001240410	Nereis succinea	2	.0
50014304	GPolydora	2	.0
5001431701	Paraprionospio pinnata	4	.0
5001670211	Ampharete americana	4	.0
5126020302	Pleurobranchaea hedgpethi	8	10.0
5706010201	Lolliguncula brevis	3	61.8
6177010101	Penaeus aztecus	269	1598.2
6177010103	Penaeus setiferus	34	1167.6
6177010202	Trachypenaeus similis	10	15.9
6183060232	Paqurus pollicaris	1	2.4
6186020201	Hepatus epheliticus	3	22.9
6187019999	?Coelocerus spinosus	2	33.1
6189010302	Callinectes similis	20	57.8
6189010601	Portunus gibbesii	64	88.7
8120	Ophiuroidea	1	1.0
8747020201	Anchoa hepsetus	2	31.3
8747020202	Anchoa mitchilli	7	13.3
8777180202	Arius felis	1	118.9
8783010106	Porichthys porosissimus	1	.5
8826020118	Prionotus rubio	1	7.0
8835020305	Centropristis philadelphicus	1	2.4
8835440106	Cynoscion arenarius	1	165.9
8835440401	Leiostomus xanthurus	7	652.5
8835440501	Larimus fasciatus	2	229.1
8835440601	Menticirrhus americanus	1	122.7
8835440701	Microgogon undulatus	14	603.7
8838010101	Polydactylus octonemus	3	31.6
8851030104	Peprilus burti	13	353.2
8858020102	Symphurus civitatus	1	3.1
8861010210	Sphoeroides parvus	2	11.5

Code	Organism name	No.	Wgt.
5706010102	Loligo pealeii	1	2.6
6169260299	?Photis macromanus	1	.0
6177010101	Penaeus aztecus	2	54.0
6177010102	Penaeus duorarum	2	69.1
61770102	Trachypenaeus	8	36.4
6177010202	Trachypenaeus similis	113	278.6
6177010401	Sicyonia brevirostris	3	13.4
6187020201	Leiolanus nitidus	1	.9
6189010501	Ovalipes quadripennis	2	16.3
6189010603	Portunus spinicarpus	2	1.6
6191010101	Squilla empusa	6	87.0
7200030199	?Aspidosiphon albus	1	.0
8787040301	Halieutichthys aculeatus	21	57.9
8791020101	Bregmaceros atlanticus	2	1.6
8826020118	Prionotus rubio	1	10.6
8826020121	Prionotus stearnsi	2	1.5
8835020305	Centropristis philadelphicus	1	.1
8835430102	Stenotomus caprinus	15	16.6
8861010210	Sphoeroides parvus	5	28.1

Code	Organism name	No.	wgt.
5001690101	Terebellides stroemii	1	.0
5706010102	Loligo pealeii	188	867.3
61770102	GTrachypenseus	5	21.6
6177010202	Trachypenseus similis	1	1.1
6179140103	Alpheus floridanus	1	.2
6187020201	Leiolambrus nitidus	3	2.5
6191010101	Squilla emouse	3	64.6
8106010502	Astropecten duplicatus	161	97.2
8747020201	Anchoa hepsetus	11	65.7
64 1 68	2 70 1 89 1 92 3 97 1 99 1 116 1		
8747020206	Anchoa nasuta	7	12.3
57 1 58	1 59 1 61 1 62 1 64 2		
8747020304	Anchoviella perfasciata	1	.8
45 1			
8762020301	Saurida brasiliensis	3	5.9
39 1 69	1 77 1		
8787020203	Antennarius radiosus	2	8.1
31 1 50			
8787040301	Halieutichthys aculeatus	1	2.4
45 1			
8A26020118	Prionotus rubio	1	10.7
82 1			
8835022308	Serranus phoebe	1	.1
18 1			
8835280102	Trachurus lathami	67	845.0
96 2 97	5 98 2 102 1 103 1		
8A35360112	Lutjanus synagris	2	271.3
163 1 184			
8A35430102	Stenotomus caprinus	17	35.2
32 1 34	3 38 1 39 1 40 3 41 2 43 1 44 2 50 2 51 1		
8A50030301	Scomber japonicus	1	36.2
161 1			
8851030104	Peprilus burti	1	20.1
97 1			
8A57030110	Citharichthys spilopterus	3	81.2
115 1 116	1 133 1		
8A57030201	Etropus crossotus	5	82.9
86 1 102	1 103 1 104 1 111 1		
8A57030801	Cyclosetta chittendeni	2	76.2
151 1 156	1		

780521C 288F T.H MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY BLM288C1 12/19/79 08:24:31

Code	Organism name	No.	Wgt.
3743	Ceriantipatharia ceriantipatharia	1	.0
3756010101	Palythoa texaensis	6	.4
3760020201	Paranthus rapiformis	3	.7
43	Rhynchozoela	1	.0
500128	Gonfadiidae	1	.0
5001290201	Diopatra cuprea	1	.0
500168	Terebellidae	2	.0
6189010302	Callinectes similis	2	4.1
6189050401	Speocarcinus lobatus	21	34.0
6191010101	Squilla empusa	2	5.7
8747010403	Brevoortia patronus	2	.2
8747010502	Dorosoma petenense	1	158.0
8747020202	Anchoa mitchilli	12	21.6
8777180202	Arius felis	9	1861.4
200	1 219 1 222 1 229 2 231 1 247 1 248 1 263 1		

Code	Organism name	No.	wgt.
7R0522C	288F T.B	MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY	BLM28BC1
12/19/79			0A:24:31
5506010301	Noetia ponderosa	10	106.5
5706010102	Loligo pealeii	112	636.1
6177010103	Penaeus setiferus	6	13.5
6187020201	Leiolumbrus nitidus	1	.5
6189010302	Callinectes similis	12	36.8
8106010502	Astropecten duplicatus	1	1.9
8747020201	Anchoa hepsetus	11	33.8
8747020202	Anchoa mitchilli	10	19.9
8747020304	Anchoa mitchilli	3	14.8
8835280102	Trachurus lathami	25	303.9
8835440106	Cynoscion arenarius	1	1.0
8A57030201	Etronus crossotus	1	8.7
8861010210	Sphoeroides parvus	1	7.2



7R0523C	2RHF T.H	MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY	BLM2B8C1	12/19/79	08:24:31
Code	Organism name		No.	wgt.	
3760040101	Callinectes tricolor		3	6.4	
5001021104	Lepidonotus sublevis		1	.0	
5001210402	Nahiodromus obscura		1	.0	
5001290201	Diopatra cuprea		1	.0	
5001630103	Asychis elongata		1	.0	
5001690101	Terebellides stroemii		1	.0	
5105011001	Murex fulvescens		1	44.1	
5515471012	Pitar cordatus		5	103.1	
5706010102	Loligo pealeii		5	103.6	
6177010101	Penaeus aztecus		2	59.5	
61770102	GTrachypenaeus		6	40.3	
6177010202	Trachypenaeus similis		788	2137.0	
6177010401	Sicyonia brevirostris		5	9.4	
6177010402	Sicyonia dorsalis		14	11.7	
6179140103	Alpheus floridanus		9	6.6	
6183060232	Paqurus pollicaris		1	10.5	
6183061201	Petrochirus diogenes		1	25.1	
6183120501	Porcellana sigsbeiana		2	.4	
6186040201	Raninoides louisianensis		2	18.3	
6187010902	Libinia emarginata		1	244.0	
6187012001	Anasimus latus		12	10.5	
6187020201	Leiolaembrus nitidus		55	57.1	
6189010302	Callinectes similis		1	28.8	
6189010501	Ovalipes quadripennis		1	2.2	
6189010601	Portunus gibbesii		5	57.7	
6189010603	Portunus spinicarpus		127	172.5	
6191010101	Squilla empusa		4	50.4	
6191010102	Squilla chydrea		15	56.7	
8106010502	Astropecten duplicatus		503	361.4	
8741080102	Hoplunnis macrurus		1	6.1	
8762020101	Synodus foetens		1	25.6	
8783010106	Porichthys porosissimus		7	91.8	
8787020203	Antennarius radiatus		9	52.7	
8787040301	Haliutichthys aculeatus		4	17.5	
8791031005	Urophycis cirratus		4	108.9	
8792010504	Lepophidium gracillsi		4	87.9	
8826020118	Prionotus rubro		11	214.3	
8835020305	Centropristis philadelphicus		1	1.2	
8835021005	Diplectrum bivittatum		1	40.8	
8835022302	Serranus strobranchus		9	13.8	

8835430102	Stenotomus caprinus	15	1	19	1	20	2	21	1	31	1	38	1	41	1	42	1	43	1	45	5	15	24.0	
8840140301	Kathetostoma albigutta	40	1																			1	2.3	
8847011601	Rollmannia communis	39	1	41	1	43	1	44	1	45	3	47	2	48	1	49	3	53	3	54	1	56	19	38.4
8857030110	Citharichthys spilopterus	78	1	85	1	86	1	88	1	112	1	117	1									6	92.4	1
8857030201	Etroplus crossotus	104	1																			1	13.1	
8857030801	Cyclopsetta chittendeni	158	1	162	1	164	1	166	1	167	1	173	1	179	1							7	374.1	
8858020102	Symphurus civitatus	114	1	118	1	122	1	123	1	126	1											5	60.9	

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MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C1

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Code	Organism name	No.	Wgt.
3760040101	Callinectes tricolor	14	84.3
5001060302	Sthenelais boa	1	.0
5105040401	Cantharus cancellarius	4	11.7
6179140103	Alpheus floridanus	33	17.7
6183060232	Pagurus pollicaris	4	4.6
6189010301	Callinectes sapidus	16	30.6
6189010501	Ovalipes quadripennis	1	3.5
6189050401	Speocarcinus lobatus	4	1.5
6191010102	Squilla chydrea	1	1.8
8106010502	Astropecten duplicatus	81	87.2
8847010501	Gobionellus hoholeosoma	1	.1

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Code	Organism name	No.	Wgt.
3752	Octocorallia pennatulacea	1	.0
3760010299	?Anthopleura krebsi	1	.3
500124	Nereidae	2	.0
5001240410	Nereis succinea	3	.0
5001290201	Diopatra cuprea	18	.0
500163020201	Clymenella torquata calida	1	.0
5103310101	Architectonica nobilis	1	5.0
5105040401	Cantherus cancellarius	5	11.7
51050R0106	Nassarius acutus	1	.0
5105100201	Oliya sayana	1	3.9
5106040101	Terebra dislocata	1	.0
5515471401	Agrionema texasiana	1	1.4
6177010202	Trachypenaeus similis	5	3.5
6177020101	Acetes americanus	9	.1
6189010601	Portunus gibbesii	3	9.2
6191	Stomatopoda	1	.0
6191010101	Squilla empusa	4	17.4
7200030199	?Aspidosiphon albus	4	.0
8129030903	Amphioptus coniertodes	1	.0
8777180202	Arius felis	10	1855.9
216 1 217 1 222 1 227 1 229 1 232 1 237 1 242 1 249 1 274 1			
8826020118	Prionotus rubio	6	50.6
66 1 67 1 68 1 72 1 78 1 81 1			
8835280401	Chloroscombrus chrysurus	1	6.2
8835440103	Cynoscion nothus	1	92.2
8857030110	Citharichthys spilopterus	1	4.1
81 1 81 1			
8857030201	Etropus crossotus	1	8.8

780802PN0500288F T.B

MACRODEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

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Code	Organism name	No.	Wgt.														
5001240410	Nereis succinea	1	.0														
5001431701	Paraprionospio pinnata	1	.0														
5105040401	Cantharus cancellarius	19	33.2														
6183130201	Albunea paretii	1	.0														
6189010301	Callinectes sapidus	1	117.8														
6189010601	Portunus gibbesii	1	1.6														
6191	Stomatopoda	1	.1														
8777180202	Arius felis	18	3903.7														
8835280401	Chloroscombrus chrysurus	33	290.3														
8835430201	Legodon rhomboides	1	127.4														
8835440106	Cynoscion arenarius	7	650.4														
8835440401	Leiostomus xanthurus	10	719.5														
8835440701	Micropogon undulatus	17	1171.2														
8835441001	Stellifer lanceolatus	1	42.2														
8850020201	Trichurus lepturus	7	632.3														

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MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C2

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17:35:45

Code	Organism name	No.	Wgt.
3758	Zoantharia actiniaria	1	.0
5001021105	Lepidonotus variabilis	4	.0
5001240410	Nereis succinea	11	.0
50013101	GLumbrinereis	1	.0
500143	Spionidae	1	.0
50014304	GPolydora	1	.0
500150	Cirratulidae	2	.0
500165020201	Sabellaria vulgaris beaufortensis	1	.0
5001730902	Hydroides protulicola	3	.0
5001731501	Pomatoceros americanus	2	.0
5105011001	Murex fulvescens	4	739.1
5507011401	Lithophaea bisulcata	1	.1
5515471501	Chione clenchi	1	3.7
5706010201	Lolliguncula brevis	5	15.9
6177010101	Penaeus aztecus	4	46.1
6189010301	Callinectes sapidus	4	500.0
6189010302	Callinectes similis	2	30.4
6189010501	Ovalipes quadripennis	1	16.1
6189010601	Portunus gibbesii	1	2.6
6189050401	Speocarcinus lobatus	2	.1
7200030199	?Aspidosiphon albus	3	.0
7815040499	?Cupuladria biporosa	4500	2.2
8106010502	Astropecten duplicatus	125	128.9
8129020301	Ophiactis savignyi	1	.0
8406010511	Styela plicata	4	1.4
8741120501	Paraconger caudilimbatus	1	7.8
8762020301	Saurida brasiliensis	4	16.2
8787040301	Haliieutichthys aculeatus	9	32.2
8826020118	Prionotus rubio	2	15.0
8835021005	Diplectrum bivittatum	10	305.3
8857030801	Cyclopsetta chittendeni	2	19.6

Code	Organism name	No.	Mgt.
5515471012	<i>Pitar cordatus</i>	1	13.0
6161060601	<i>Nerocila acuminata</i>	1	.6
6177010101	<i>Penaeus aztecus</i>	4	57.8
6187020201	<i>Leiolanus nitidus</i>	3	2.2
6189010302	<i>Callinectes similis</i>	4	130.6
6189010601	<i>Portunus gibbesii</i>	6	28.8
6191010101	<i>Squilla empusa</i>	3	27.9
8106010502	<i>Astropecten duplicatus</i>	119	128.6
8747010601	<i>Etrumeus teres</i>	90	643.8
8747011003	<i>Sardinella anchovia</i>	3	44.1
8747020201	<i>Anchoa hepsetus</i>	127	1722.1
8747020206	<i>Anchoa nasuta</i>	2	2.4
8747020304	<i>Anchoiella pertasciata</i>	14	43.0
8762020101	<i>Synodus foetens</i>	1	58.7
8762020301	<i>Saurida brasiliensis</i>	2	7.6
8787040301	<i>Haliutichthys aculeatus</i>	3	12.8
8826020118	<i>Prionotus rubio</i>	5	138.7
8835021005	<i>Diplectrum bivittatum</i>	4	107.7
8835022302	<i>Serranus atrobranchus</i>	2	7.8
8835280102	<i>Trachurus lathami</i>	11	178.2
8835360107	<i>Lutjanus campechanus</i>	1	4.6
8835430102	<i>Stenotomus caprinus</i>	38	595.3
8835440401	<i>Leiostomus xanthurus</i>	1	81.4
8835440701	<i>Micropogon undulatus</i>	15	1059.1
8850030501	<i>Scomberomorus cavalla</i>	1	113.3
8851030104	<i>Peprilus burti</i>	5	122.3
8857030110	<i>Citharichthys spilopterus</i>	1	20.6
8857030201	<i>Etropus crossotus</i>	4	65.3
8857030801	<i>Cyclopsetta chittendeni</i>	2	55.2
8857031301	<i>Syacium gunteri</i>	2	60.1
8858020102	<i>Symphurus cavitatus</i>	2	26.8

Code	Organism name	No.	Wat.
510501080101	<i>Thais haemastoma floridana</i>	1	12.5
6177010101	<i>Penaeus aztecus</i>	2	17.9
6177010103	<i>Penaeus setiferus</i>	175	3513.1
6177020101	<i>Acetes americanus</i>	3	.1
6183060701	<i>Clibanarius vittatus</i>	1	2.3
6189010301	<i>Callinectes sapidus</i>	1	147.1
8747020201	<i>Anchoa hepsetus</i>	1	4.2
8747020202	<i>Anchoa mitchilli</i>	93	46.5
8747020206	<i>Anchoa nasuta</i>	1	.2
8777180101	<i>Bagre marinus</i>	34	732.0
8777180202	<i>Arius felis</i>	33	3171.0
8826020118	<i>Prionotus rubio</i>	2	6.6
8835280401	<i>Chloroscombrus chrysurus</i>	14	82.0
8835281001	<i>Vomer setapinnis</i>	7	11.4
8835440106	<i>Cynoscion arenarius</i>	23	226.7
8835440401	<i>Leiostomus xanthurus</i>	2	109.1
8835440601	<i>Menticirrhus americanus</i>	1	46.6
8835440701	<i>Microgogon undulatus</i>	39	1601.3
8835520101	<i>Cheilodipterus faber</i>	2	26.2
8838010101	<i>Polydactylus octonemus</i>	6	176.1
8850020201	<i>Trichiurus lepturus</i>	31	456.0
8851030102	<i>Peprilus paru</i>	2	56.3
8857030110	<i>Citharichthys spilopterus</i>	1	4.4



Code	Organism name	No.	Wat.
5001250115	Nephtys incisa	1	.0
5515310122	Macoma tayloriformis	31	296.4
5515471012	Pitar cordatus	4	82.1
5515471401	Acriopoma texasiana	1	6.6
5706010102	Loligo pealeii	2	30.1
5706010201	Lolliuncula brevis	1	22.4
6177010101	Penaeus aztecus	67	1179.5
6177010202	Trachypenaeus similis	186	772.3
6177010402	Sicyonia dorsalis	104	272.7
6177010501	Parapenaeus longirostris	6	8.7
6177010602	Solenocera violacea	1	.7
6179140103	Alpheus floridanus	31	31.1
6186020102	Calappa sulcata	2	186.9
6186020201	Hepatus epheliticus	2	71.7
6186030102	Persephone crinita	3	25.9
6186040201	Raninoides louisianensis	3	48.4
6187020201	Leiolambrus nitidus	24	34.1
6189010301	Callinectes sapidus	2	192.2
6189010302	Callinectes similis	20	381.8
6189010601	Portunus gibbesii	2	11.3
6189010603	Portunus spinicarpus	12	30.0
6189050401	Speocarcinus lobatus	2	1.4
6191010101	Squilla emoua	85	1305.4
6191010102	Squilla chydrea	388	2195.9
87410A0102	Hoplunnis macrurus	2	5.6
8747020202	Anchoa mitchilli	1	.3
8762020301	Sauride brasiliensis	1	5.6
8777180202	Arius felis	3	381.7
8787020203	Antennarius radiatus	4	29.8
8787040301	Halieutichthys aculeatus	1	6.2
8791020101	Brachmaceros atlanticus	2	.2
8791031005	Urophycis cirratus	9	260.7
8792010401	Brotula barbata	3	144.3
8835021005	Diplectrum bivittatum	41	374.2
8835022302	Serranus atrobanchus	7	20.3
88352A0401	Chloroscombrus chrysurus	4	21.3
8835360701	Fristipomoides aquilonaris	1	1.2
8835430102	Stenotomus caprinus	5	39.9
8835440103	Cynoscion nothus	1	4.1
8835440106	Cynoscion arenarius	1	11.9

8835440701	Micropogon undulatus																			7	650.0		
149	1	152	2	161	1	165	1	170	1	191	1												
8838010101	Polydactylus octonemus																				1	17.9	
99	1																						
8847011601	Bollmannia communis																				122	412.9	
59	5	60	7	61	7	62	1	63	1	64	1	70	1										
8857030110	Citharichthys spilopterus																					13	154.6
71	1	76	1	78	1	83	2	85	1	90	1	93	1	96	1	101	1	110	1	115	9	112.1	
8857030801	Cyclopsetta chittendeni																					9	64.1
66	1	73	3	75	2	81	1	89	1	91	1												
8857031301	Syacium gunteri																					1	31.6
118	1																						
8858010303	Gymnachirus texae																					18	106.8
42	1	47	1	48	1	50	1	52	2	53	1	56	4	57	3	60	2	64	1	65	1		
8858020101	Symphurus plagiusa																					15	220.3
98	1	102	1	107	1	113	1	115	1	116	3	117	2	118	1	119	1	122	1	125	1	132	1

Code	Organism name	No.	Wgt.
5506010205	Anadara baughmani	1	31.9
5515310122	Macoma tapelliformis	6	54.0
5515471012	Pitar cordatus	1	11.9
5706010102	Loligo pealeii	59	2240.5
6177010101	Penaeus aztecus	7	210.0
6177010202	Trachypenaeus similis	7	34.3
6177010402	Sicyonia dorsalis	1	1.5
6177010501	Parapenaeus longirostris	1	.6
6179140103	Alpheus floridanus	1	.4
6186020102	Calappa sulcata	1	22.4
6186020201	Hepatus epheliticus	1	72.5
6186040201	Raninoides louisianensis	6	89.6
6187011901	Podochela lamelligera	1	2.2
6187012001	Anasimus latus	1	4.6
6187019999	?Coelocerus spinosus	1	1.3
6187020201	Leiolaembrus nitidus	61	100.0
6189010603	Portunus spinicarpus	107	1455.4
6189050401	Speocarcinus lobatus	2	1.3
6191010101	Squilla empusa	6	86.5
6191010102	Squilla chydrea	41	277.9
8762020101	Synodus foetens	4	469.1
8762020301	Seyrida brasiliensis	17	64.1
8787020203	Antennarius radiosus	8	91.3
8787040301	Helieutichthys aculeatus	1	9.0
8826020114	Prionotus parvatus	3	34.1
8826020118	Prionotus rubio	8	347.1
8826020121	Prionotus sternat	3	24.1
8835020305	Centropristis philadelphicus	15	636.7
8835022302	Serranus atrobranchus	13	288.0
8835170101	Priacanthus arenatus	1	27.9
8835280102	Trachurus lathami	8	156.1
8835360701	Pristipomoides squillonaris	2	3.5
8835430102	Stenotomus caprinus	5	69.4
8835430201	Legodon rhomboides	1	94.3
88470101	Microgobius	1	.3
8851030104	Peprilus burti	2	130.4
8857030801	Cycloppsetta chittendeni	6	494.3
8857031301	Syacium gunteri	2	103.8
8858010303	Gyanachirus texae	1	7.6

3760010299	?Anthopleura krebsi	13	16.9
500124	Nereidae	1	.0
5001290201	Diopatra cuprea	4	.0
5001440104	Magelona rosea	1	.0
5001630103	Asychis elongata	2	.0
5001690101	Terebellides stroemii	4	.0
5103780301	Distorsio clathrata	7	22.5
5105011001	Murex fulvescens	2	84.2
5105040401	Cantharus cancellarius	15	65.2
5105100201	Oliva sayana	2	15.0
5506010301	Noetia ponderosa	2	40.7
5515010501	Anodontia alba	1	42.3
5515310122	Macoma tageliformis	34	172.9
5515471012	Pitar cordatus	14	230.5
5515471401	Agriopoma texasiana	1	32.2
5515471501	Chione clenchi	1	7.2
6177010101	Penaeus aztecus	4	51.6
6186030102	Persephona crinita	2	7.9
6189010302	Callinectes similis	1	21.7
6189050401	Spencarcinus lobatus	12	16.4
6191010102	Squilla chydese	1	.1
8826020118	Prionotus rubio	1	10.6
7A	1		

Code	Organism name	No.	Wgt.
5001240410	Nereis succinea	1	.0
500129	Onuphidae	1	.0
5103770101	Sconsia striata	3	41.1
5105011001	Murex fulvescens	1	28.9
5105040401	Cantharus cancellarius	1	2.9
5106021201	Polystira tellea	54	504.9
5106030101	Conus austini	17	110.5
5506010205	Anadara baughmani	106	3156.8
5515310122	Macoma tageliformis	1	6.1
5515471012	Pitar cordatus	12	201.6
5706010102	Loligo pealeii	20	236.1
6177010101	Penaeus aztecus	8	382.7
6177010501	Parapenaeus longirostris	9	14.7
6177010602	Solenocera violacei	12	92.7
6179140103	Alpheus floridanus	3	.3
6183060105	Paguristes oxyopthalmus	1	.1
6183120501	Porcellana sigabeta	2	1.6
6186030201	Myropsis quinquespinoza	1	11.6
6186040201	Rehnoidea louisianensis	34	389.3
6187010902	Libinia emarginata	3	581.8
6187012001	Anasimus latus	19	207.9
6187020201	Leiolambrus nitidus	11	22.9
6189010603	Portunus spinicarpus	666	6119.9
6189050701	Pseudorhombilia quadridentata	9	126.2
6191010101	Squilla empusa	2	47.4
6191010102	Squilla chydrea	13	115.2
8106010502	Astropecten duplicatus	16	86.1
8762020101	Synodus foetens	1	237.0
8762020301	Scorpaenidae brasiliensis	1	3.0
8787020203	Antennarius radiatus	46	757.6
8787040301	Hellgrammichthys aculeatus	43	357.0
8791031005	Urophycis cirratus	3	192.3
8791031007	Urophycis floridanus	1	77.0
8792010504	Lepophidium grellisi	1	56.5
8826020118	Prionotus rubio	9	288.0
8826020121	Prionotus stearnsi	1	34.4
8835020305	Centropristis philadelphicus	5	721.2
8835021005	Diploctetrus bivittatum	3	83.3
8835360701	Pristipomoides aquilonaris	2	2.7

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17:35:45

Code	Organism name	No.	Wgt.
3760020201	Paranthus rapiformis	18	.0
5001030201	Polydonta lupina	1	.0
5103760407	Polinices duplicatus	1	57.1
5103780301	Distorsio clathrata	5	22.3
5105011001	Murex fulvescens	5	158.8
5105040401	Cantharus cancellarius	1	2.6
5105070104	Busycon contrarium	1	486.7
5105100201	Olivia sayana	4	27.3
6183061201	Petrochirus diogenes	2	20.0
6187019999	?Coelocerus spinosus	2	4.3
6191010101	Squilla empusa	1	2.8

780A11SN40500288F T.B

MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY

BLM288C2

12/18/79

17:35:45

Code	Organism name	No.	Wgt.
3760040101	Callinectes tricolor	2	.1
5001021105	Lepidonotus variabilis	1	.0
5001730902	Hydroïdes protulicola	1	.0
5103640299	+Crepidula maculosa	1	.1
5103760501	Sinum perspectivum	1	.4
5105011001	Murex fulvescens	3	48.8
5105040401	Cantharus cancellarius	3	5.4
550601	Arcidae	1	.0
5506010201	Anadara transversa	1	.0
6183061201	Petrochirus diogenes	1	6.1

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780812SN05002BBF T.B

MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY

BLM28BC2

12/18/79

17:35:45

Code	Organism name	No.	Wgt.
5103780301	<i>Distorsio clathrata</i>	3	8.2
5105040401	<i>Cantharus cancellarius</i>	18	65.4
5506010301	<i>Noetia ponderosa</i>	10	32.8
5515471501	<i>Chione clenchi</i>	1	3.8



7A0813SH0500288F T.H

## MACKNEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

RLM288C2

12/18/79 17:35:45

Code	Organism name	No.	Wgt.
3760010299	?Anthopleura krebsi	3	.4
43	Rhynchocoela	4	.0
5001250115	Nephtys incisa	17	.0
5001290201	Diopatra cuprea	86	.0
5001310204	Ninoe niqripes	1	.0
5105030501	Cosmioconcha callialypta	1	.0
5502040213	Nuculana concentrica	1	.1
5515471012	Pitar cordatus	2	43.1
5517020201	Corbula contracta	1	.0
5706010102	Loligo pealeii	32	617.1
5706010201	Lolliguncula brevis	2	30.0
6177010101	Penaeus aztecus	39	831.1
6177010202	Trachypenaeus similis	166	831.8
6177010402	Sicyonia dorsalis	21	63.8
6177010701	Xiphopeneus kroyeri	1	3.3
6177020101	Acetes americanus	2	.0
6179140103	Alpheus floridanus	28	20.9
6179140104	Alpheus amblyonyx	1	.5
6180010101	Stenopus scutellatus	1	.1
6186020102	Callinectes sulcata	2	188.7
6186020201	Hepatus epheliticus	2	132.7
6186040201	Raninoides louisianensis	3	44.1
6187011701	Stenorhynchus seticornis	2	.2
6187020201	Leiolambrus nitidus	51	81.5
6189010302	Callinectes similis	2	19.8
6189010601	Portunus gibbesii	1	16.7
6189010603	Portunus spinicarpus	19	55.4
6191010101	Squilla empusa	48	787.2
6191010102	Squilla chydées	369	2261.7
8747020201	Anchoa hepsetus	2	35.5
8762020301	Saurida brasiliensis	43	147.6
8762020302	Antennarius radiatus	1	6.3
8792010401	Protula barbata	2	128.4
8835020305	Centropristis philadelphicus	6	139.3
8835021005	Diplectrum bivittatum	5	45.3
8835022302	Serranus strobiliferus	2	6.8
8835281202	Decapterus punctatus	1	20.8
8835360501	Rhomboplites aurorubens	3	5.7
8835440701	Micropogon undulatus	2	197.6
8847011601	Hollmannia communis	41	121.1

8851030104	Peprilus	burti									1	31.2																
104	1																											
8857030110	Citharichthys	spilopterus									10	138.9																
85	1	96	2	97	1	100	2	101	1	103	1	106	1															
8857030304	Paralichthys	lethostigma																										
222	1																											
8857030801	Cyclopsetta	chittendeni																										
52	1	61	1	65	1	67	1	70	2	71	1	72	1	73	1	86	1	93	1	95	15	149.2	1	108	1	113	1	
8858010303	Gymnachirus	texae																			3	19.5						
52	1	54	1	59	1																							
8858020101	Symphurus	plagiuse																										
102	1	107	1	115	1	121	1														4	55.7						

3760040101	<i>Calliactis tricolor</i>											2	7.4						
5001240103	<i>Ceratonereis irritabilis</i>											4	.0						
500163	Maldanidae											2	.0						
5001690101	<i>Terebellides stroemii</i>											1	.0						
5706010102	<i>Loligo pealeii</i>											80	992.3						
6177010101	<i>Penaeus aztecus</i>											12	127.1						
6177010202	<i>Trachypenaeus similis</i>											1	4.9						
6177010402	<i>Sicyonia dorsalis</i>											13	46.1						
6183120502	<i>Porcellana sayana</i>											1	.9						
6187020201	<i>Leiolanus nitidus</i>											1	1.8						
6189010302	<i>Callinectes similis</i>											96	1672.0						
8106010502	<i>Astropecten duplicatus</i>											584	741.0						
8179010103	<i>Molpadia cubana</i>											2	6.5						
8747020206	<i>Anchoa nasuta</i>											5	6.3						
50 1 53		2	64	1	65	1													
8747020304	<i>Anchoviella per fasciata</i>											10	43.8						
61 1 66		1	67	1	74	1	75	1	76	1	77	1	78	1	80	1	82	1	
8762020101	<i>Synodus foetens</i>											10	195.1						
113 1 114		1	117	1	118	1	119	1	133	1	135	1	147	1	152	1	168	1	
8762020301	<i>Saurida brasiliensis</i>											6	28.4						
65 1 75		2	82	1	86	1	101	1											
8783010106	<i>Porichthys porosissimus</i>											11	147.0						
65 1 90		1	97	2	98	1	102	3	106	2	111	1							
8787040301	<i>Haliutichthys aculeatus</i>											27	94.3						
34 2 35		2	36	3	37	5	38	2	39	1	40	3	41	1	50	1	51	1	52
8826010606	<i>Scorpaena calcarata</i>											1	11.0						
71 1 13																			
8826020113	<i>Prionotus ophryes</i>											2	7.4						
56 1 60																			
8826020118	<i>Prionotus rubio</i>											106	931.2						
77 5 78		1	79	3	80	3	81	3	82	2	83	1	87	1	91	1	96	1	
8835020305	<i>Centropristis chiladelphicus</i>											7	224.6						
111 1 112		2	116	1	117	1	118	1	122	1									
8835021005	<i>Diplectrum bivittatum</i>											3	15.5						
52 1 54		1	70																
8835280102	<i>Trachurus lathami</i>											2	27.5						
102 1 105																			
8835281202	<i>Decapterus punctatus</i>											15	161.9						
82 1 87		1	91	1	95	3	97	1	100	2	103	2	105	1	106	1	107	1	
8835430102	<i>Stenotomus caprinus</i>											449	4345.6						
73 1 74		2	75	3	76	4	77	2	78	2	79	2	80	1					
8835440103	<i>Cynoscion nothus</i>											1	66.5						
165 1 166																			
8851030104	<i>Peprilus burfi</i>											1	1.7						
37 1 38																			
8857030110	<i>Citharichthys spilopterus</i>											8	90.0						
40 1 80		1	91	1	92	1	96	1	97	1	101	1	114	1					
8857030201	<i>Etropus crossotus</i>											80	781.3						
83 1 84		1	85	3	86	1	88	1	90	3	91	1	92	2	93	1	95	2	96
8857030801	<i>Cyclosetta chittendeni</i>											10	121.5						
75 1 77		1	89	1	96	2	97	1	102	1	103	1	104	1	112	1			
8857031301	<i>Syngnathus guntteri</i>											101	466.3						
77 5 78		3	80	3	81	2	82	1	83	1									
8858020101	<i>Symphurus plagiuse</i>											1	14.9						
117 1 118																			
8861010210	<i>Sphaeroides parvus</i>											6	21.4						
38 1 40		2	42	1	47	1	51	1											

Code	Organism name	No.	Wgt.
5001630103	Aesychis elongata	3	.0
5103770101	Sconsia striata	1	10.1
5105040501	Antillophos candeii	1	1.3
5106021201	Polystira telles	2	29.6
5106030101	Conus austini	1	4.8
5106030102	Conus clarki	3	8.1
5506010205	Anadara baughmani	32	500.1
5509051101	Amusium papyraceum	80	1082.5
5515471012	Pitar cordatus	3	57.6
5706010102	Loligo pealeii	8	193.5
6177010101	Penaeus aztecus	3	138.0
6177010401	Sicyonia brevirostris	4	35.5
6177010501	Parapenaeus longirostris	1	.3
6183120501	Porcellana sigabellana	1	.2
6186010101	Ethusa microphthalmus	1	3.7
6186020102	Calappa sulcata	1	403.5
6186020401	Acanthocarpus alexandri	3	29.2
6186030201	Myropis quinquespinosa	3	9.7
6186040201	Raninoides louisianensis	1	20.3
618701	Majidae	1	1.4
6187011901	Podochela lamelligera	1	3.1
6187012001	Anesimus latus	24	241.5
6187020201	Leiolambrus nitidus	4	5.6
6189010603	Portunus spinicarpus	110	601.0
61890214	GPIllumus	1	3.4
6191010102	Squilla chydrea	1	4.6
8106010303	Pallaster cassiope	2	148.1
8106010502	Astropecten duplicatus	34	228.9
8406010511	Styela plicata	8	23.5
8741120302	Congrina flava	1	39.7
8762020101	Synodus foetens	12	2025.9
8762020301	Saurida brasiliensis	2	7.8
8787020203	Antennarius radiatus	2	31.0
8787040106	Ogcocephalus radiatus	4	65.1
8787040301	Helleutichthys aculeatus	43	257.2
8826020118	Prionotus rubio	2	58.0
8826020121	Prionotus stearnsi	1	11.1
8835020305	Centropristis philadelphicus	7	1174.8
8835022302	Serranus atrobranchus	2	50.0
8835170101	Priacanthus arenatus	2	494.2

8835360107	Lutjanus campechanus	1	686.6
281			
8835360701	Pristipomoides equilonaris	3	309.3
153			
154			
8835430102	Stenotomus caprinus	9	590.6
65			
111			
8835430201	Lagodon rhomboides	1	152.8
196			
195			
8835441206	Equetus umbrosus	1	174.9
195			
8840140301	Kathetostoma albigutta	4	140.7
70			
87			
8857031404	Trichosetta ventralis	19	313.9
121			
123			
138			
144			
115			
118			
119			
116			
117			
121			
123			
131			
132			
1			

Code	Organism name	No.	Wgt.
43	Rhynchozoela	1	.0
5001060302	Sthenelais boa	1	.0
5001240410	Nereis succinea	1	.0
5001250115	Nephtys incisa	1	.0
5001290201	Diopatra cuprea	8	.0
5001580204	Armandia maculata	1	.0
5001600306	Notomastus latericeus	4	.0
5001690101	Terebellides stroemii	6	.0
5515471012	Pitar cordatus	3	71.2
5706010102	Lolligo pealeii	3	24.0
5706010201	Lolliguncula brevis	3	8.1
6177010101	Penaeus aztecus	14	334.8
6177010202	Trachypenaeus similis	3	17.5
6177010402	Sicyonia dorsalis	115	392.2
6179140103	Alpheus floridanus	1	.1
6180010101	Stenopus scutellatus	1	2.1
6183120501	Porcellana sigabellana	1	.1
6185020201	Dromia erythropus	1	57.5
6186020102	Calappa sulcata	1	209.2
6186020201	Hepatus epheliticus	1	161.5
6186040201	Raninoides louisianensis	1	8.1
6187020201	Leiolaemrus nitidus	4	4.7
6189010302	Callinectes similis	69	1373.2
6189010601	Portunus gibbesii	2	11.6
6191010101	Squilla empusa	2	29.5
6191010102	Squilla chydrea	23	143.7
8106010303	Psilaster cassiope	1	23.2
8106010502	Astropecten duplicatus	14	12.1
8762020101	Synodus foetens	7	493.4
8762020301	Scorpaenidae brasiliensis	2	3.9
8783010106	Porichthys porosissimus	2	26.2
8787040301	Haliutichthys aculeatus	1	5.1
8824020118	Prionotus rubio	13	124.0
8824020121	Prionotus stearnsi	3	13.9
8835021005	Diplectrum bivittatum	5	24.6
8835022102	Serranus atrobranchus	4	38.7
8835280102	Trachurus lethami	1	18.4
8835430102	Stenotomus caprinus	24	248.6
8847011601	Bolitaenia communis	15	63.5
8857030110	Citharichthys spilopterus	8	82.1

8857030201	Etropus crossotus										1	11.9
8857030801	Cyclopsetta chittendeni										8	441.8
8857031301	Syacium qunteri										15	406.6
8858010303	Gymnachirus texae										3	16.3
8858020101	Symphurus gladius										6	84.0

Code	Organism name	No.	Wgt.																
43	Rhynchocoela	1	.0																
50010101	Gnathopoda	1	.0																
5103770101	Sconsia striata	2	30.8																
5506010205	Anadara baughmani	1	15.8																
5509051101	Amusium papyraceum	73	612.4																
5515220402	Laevicardium laevigatum	4	173.8																
5515471012	Pitar cordatus	17	382.9																
5515471401	Agriopoma texasiana	4	15.7																
5706010102	Loligo pealeii	15	342.6																
5708010202	Octopus vulgaris	1	15.3																
6177010101	Panopeus aztecus	7	468.3																
6177010401	Sicyonia brevirostris	2	17.4																
6179170102	Proceca bermudensis	3	.0																
6183060235	Pagurus bullisi	2	13.3																
6186020102	Calappa sulcata	1	80.8																
6189010302	Callinectes similis	19	334.1																
6189010603	Portunus spinicarpus	14	58.4																
6191010102	Squilla chydæa	3	13.6																
8106010303	Psilaster cassiope	1	182.7																
8106010502	Astropecten duplicatus	18	155.4																
8179010103	Molpædia cubana	1	.0																
8401	Ascidacea	1	.1																
8406010511	Styela plicata	1	3.6																
8713040133	Reja texana	1	448.7																
8762020101	Synodus foetens	16	2148.4																
208		1	227	1	232	1	237	2	238	1	241	1	246	1	248	1	249	2	250
8762020104	Synodus poeyi	3	20.0																
68		98	52.3																
8762020301	Saurida brasiliensis	17	52.3																
52		56	1.81																
8787020203	Antennarius radiatus	3	47.1																
55		58	105.8																
8787040106	Ogcocephalus radiatus	6	105.8																
68		74	87	1	93	1													
8787040301	Heliectichthys aculeatus	1	151.8																
47		48	1	51	1	52	1	53	2	54	5	55	7	56	1	57	2	58	4
8791031005	Urophycis cirratus	4	260.3																
139		183	202	1	211	1													
8826020114	Prionotus parvatus	14	233.7																
50		72	73	2	86	1	87	1	89	1	91	1	93	1	103	1	117	14	233.7
8826020118	Prionotus rubio	23	959.3																
142		144	146																
8826020121	Prionotus stearnsi	43	383.2																
79		80	81	2	86	4	89	1	92	1	100	1	103	1					
8835020305	Centropristis philadelphicus	14	819.6																
73		75	120	1	122	1	125	1	126	2	129	1	131	1	137	1	147	1	152
8835022302	Serranus atrobrenchus	16	292.9																
6		83	84	2	87	1	89	3	90	1	91	2	92	1	94	1	96	1	91
8835360701	Pristigaster aquilonaris	3	89.2																
42		88	151																
8835430102	Stenotomus caprinus	16	880.4																
98		101	102	1	104	1	106	1	107	3	109	1	112	1	122	1	126	1	128
8840140301	Kathetostoma albigutta	7	318.4																
85		87	91	1	103	1	115	1	123	1	138	1							
8857030110	Citharichthys spilopterus	25	652.3																
137		140	143	1	144	1	149	1											



8857030201		<i>Etopus crossotus</i>	2	7.9
66	1			
8857030503	67	<i>Ancylopsetta dilecta</i>	2	45.7
89	1			
8857030801	126	<i>Cyclosetta chittendeni</i>	2	219.3
194	1			
8858010303	212	<i>Gymnachirus texae</i>	1	5.5
66	1			
8858020102		<i>Symphurus civitatus</i>	1	15.9
120	1			

3760040101	Calliactis tricolor	2	7.1
43	Rhynchozoela	4	.0
5103640207	Crepidula plana	1	.4
5103640299	+Crepidula maculosa	1	.0
5517020201	Corbula contracta	1	.0
6177010202	Trachypenaeus similis	8	4.6
6179170101	Processa hemphilli	2	.0
6183060232	Pagurus pollicaris	1	8.3
6186030102	Persephona crinita	2	10.4
6187020201	Leiolambrus nitidus	1	.4
6189010301	Callinectes sapidus	1	170.7
6189010302	Callinectes similis	30	450.0
6189010601	Portunus gibbesii	2	9.2
61910101	Squilla	2	.1
6191010102	Squilla chydrea	1	.6
8106010502	Astropecten duplicatus	85	153.6
8162040301	Schizaster orbignyensis	131	930.3
8783010106	Porichthys porosissimus	7	171.9
8787040301	Haliieutichthys aculeatus	1	2.8
8826020118	Prionotus rubio	2	21.2
8835280401	Chloroscombrus chrysurus	1	.6
8847011601	Rollmannia communis	2	7.0
8857030201	Etropus crossotus	1	7.2
8857031301	Syacium aunteri	2	2.5

7A0819SN0500288F T.8

MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C2

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17:35:45

Code	Organism name	No.	Wat.
6183060232	Pagurus pollicaris	2	4.3
6189010301	Callinectes sapidus	26	3997.9
6189010601	Portunus gibbesii	3	6.9
8747010502	Dorosoma petenense	1	14.8
8777180202	Arius felis	45	7994.3
8826020118	Prionotus rubio	1	67.7
8835280302	Caranx fusus	2	114.2
8835280401	Chloroscombrus chrysurus	14	413.6
8835440103	Cynoscion nothus	1	115.3
8835440601	Menticirrhus americanus	4	513.1
8857030201	Etropus crossotus	1	5.0
8860020201	Balistes caprisus	1	62.2

780820SN050028BF T.8

MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C2

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17:35:45

Code	Organism name	No.	Wgt.
5001021105	<i>Lepidonotus variabilis</i>	2	.0
5001630103	<i>Asychis elongata</i>	1	.0
5105011001	<i>Murex fulvescens</i>	5	1024.9
5105040401	<i>Cantharus cancellarius</i>	8	20.3
5506010202	<i>Anadara ovalis</i>	4	50.2
5515471501	<i>Chione clenchi</i>	5	33.5
6183060232	<i>Pagurus pollicaris</i>	1	2.1
6183060236	<i>Pagurus brevidactylus</i>	2	.6
618701	Majidae	2	4.0
6189021301	<i>Menippe mercenaria</i>	1	6.5
6191010101	<i>Squilla empusa</i>	5	4.1

Code	Organism name	No.	Wgt.
3752	Octocorallia pennatulacea	1	.0
5001290201	Diopatra cuprea	1	.0
5506010201	Anadara transversa	3	.0
5706010201	Lolliguncula brevis	1	34.7
6177010101	Penaeus aztecus	1	13.9
6177010103	Penaeus setiferus	4	90.5
6177020101	Acetes americanus	1	.1
6189010301	Callinectes sapidus	1	130.0
6191	Stomatopoda	2	.1
8747020202	Anchoa mitchilli	1	.7
8777180202	Arjuns felis	44	7186.3
8826020118	Prionotus rubio	2	18.5
8835020305	Centropristis philadelphicus	2	14.2
8835280401	Chloroscombrus chrysurus	40	286.9
8835440106	Cynoscion arenarius	6	163.4
8835440401	Leiostomus xanthurus	70	6795.9
8835440701	Microgogon undulatus	31	2081.9
8835441001	Stellifer lanceolatus	2	82.8
8838010101	Polydectylus octonemus	3	32.4
8850020201	Trichiurus lepturus	9	448.7
8857030110	Litharichthys spliiopterus	6	57.9

Code	Organism name	No.	Wgt.
50017501	Grubeulepis	1	1.1
5103500301	Ameea mitchilli	1	2.0
5103760501	Sinum perspectivum	10	11.8
5105011001	Murex fulvescens	1	31.1
5105040401	Cantharus cancellarius	7	22.1
5515471401	Agriopoma texasiana	1	25.8

780822C 28BF T.B MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY BLM28BC2

12/18/79 17:35:45

Code	Organism name	No.	Wgt.																						
7R0823C	28RF T.B	MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY	BLM2RBC2	12/18/79	17:35:45																				
43	Rhynchocoela	1	.0																						
50013101	GLumbrinereis	1	.0																						
50016303	GMaldane	2	.0																						
5001690101	Terebellides stroemii	1	.0																						
5515471012	Pitar cordatus	19	498.1																						
5515471501	Chione clenchi	1	16.2																						
5706010102	Loligo pealeii	5	36.5																						
6177010101	Penaeus aztecus	4	67.7																						
6177010202	Trachypenaeus similis	63	236.7																						
6177010401	Sicyonia brevirostris	3	21.1																						
6177010402	Sicyonia dorsalis	21	50.6																						
6179050202	Leptocheila bermudensis	1	.0																						
6179140103	Alpheus floridanus	4	.7																						
6187010902	Libinia emarginata	1	120.8																						
6187020201	Leiolaemrus nitidus	15	13.2																						
6189010301	Callinectes sapidus	117	2505.7																						
6189010601	Portunus gibbesii	69	326.3																						
6189050401	Speocarcinus lobatus	1	.5																						
6191010101	Squilla empusa	29	403.9																						
6191010102	Squilla chydrea	83	390.0																						
8106010502	Astropecten duplicatus	2618	2505.7																						
8179010103	Molpadia cubana	1	20.1																						
8762020301	Saurida brasiliensis	22	68.0																						
8783010106	Porichthys porosissimus	4	64.2																						
8787040301	Halieutichthys aculeatus	27	95.8	1	51	2	52	1	53	2	55	1	56	1											
8792010401	Brotula barbata	4	130.8																						
8826020118	Prionotus rubio	18	126.4																						
8835020105	Centropristis philadelphicus	3	13.8																						
8835021005	Dipterygion bivittatum	38	165.3																						
8835360701	Pristipomoides equilonaris	5	8.6																						
8835430102	Stenotomus caprinus	44	193.2																						
8840020102	Lonchopisthus lindneri	1	4.7																						
8847011601	Hollmannia compta	19	48.0																						
8857030110	Citharichthys spilopterus	1	61	1	63	1																			
8857030201	Etronus crossotus	18	142.2																						
8857030801	Cyclosetta chittendeni	7	12.0																						
8857031301	Syacium guntari	6	118.7																						
8858010303	Gymnaghirus texae	5	12.2																						
8858020102	Symphurus civitatus	4	28.5																						
8861010101	Lagocephalus laevis	1	5.0																						

3743	Ceriantipatharia ceriantharia	1	52.8
5001290201	Diopatra cuorea	4	.0
5001630103	Asychis elongata	1	.0
5103780301	Distorsio clathrata	2	21.2
5105040401	Cantharus cancellarius	34	113.6
5506010301	Noetia ponderosa	2	19.9
5515010501	Anodontia alba	1	5.1
6186030102	Persephona crinita	2	5.7
61910101	GSquilla	1	.2
8777180202	Arius felis	4	710.0
215 1 228	1 236 1 237 1		
8783010106	Porichthys porosissimus	2	74.9
113 1 161	1		
8826020118	Prionotus rubio	177	1549.5
81 5 82	3 83 2 84 2 85 1 87 1 88 1 90 4 97 1 102 1 103 1		
8835430102	Stenotomus caprinus	1	13.3
70			
8835440103	Cynoscion nothus	7	585.3
147 1 167	1 169 1 189 1 197 1 203 1 206 1		
8857030201	Etropus crossotus	13	74.9
54 1 57	1 58 2 62 1 67 1 72 2 73 1 76 2 77 2		



790101PN0500288F 1.B

## MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C3

12/19/79 08:31:13

Code	Organism name	No.	Wat.
510501080101	<i>Thais haemastoma floridana</i>	1	.4
5105040401	<i>Cantharus cancellarius</i>	3	6.8
6177010103	<i>Penaeus setiferus</i>	2	32.8
6186020102	<i>Calappa sulcata</i>	1	4.2
6186020201	<i>Hepatus epheliticus</i>	1	46.5
6186030102	<i>Persephona crinita</i>	6	13.2
6189010601	<i>Portunus gibbesii</i>	12	76.9
6189020602	<i>Hexapanoneus paulensis</i>	2	.0
6189021301	<i>Menippe mercenaria</i>	1	.3
6191010101	<i>Squilla empusa</i>	2	14.9
8777180202	<i>Arius felis</i>	1	168.4
8787040301	<i>Haliutichthys aculeatus</i>	1	5.0
8835280401	<i>Chloroscombrus chrysurus</i>	1	20.0
8835440103	<i>Cynoscion nothus</i>	8	217.9
8835440401	<i>Leiostomus xanthurus</i>	2	213.4
8835440701	<i>Microgogon undulatus</i>	3	348.5
8835441001	<i>Stellifer lanceolatus</i>	1	35.5
8857030110	<i>Citharichthys spilopterus</i>	6	58.1
8857030201	<i>Etropus crossotus</i>	14	223.2
8857031301	<i>Syacium gunteri</i>	6	30.0
8858020101	<i>Symphurus plagiuse</i>	6	100.1
8861010210	<i>Sphoeroides parvus</i>	2	10.0

Code	Organism name	No.	Wgt.
3760040101	Callinectes tricolor	8	13.7
6177010101	Penaeus aztecus	1	3.8
6177010103	Penaeus setiferus	2	25.2
6183060232	Pagurus pollicaris	5	21.9
6187010902	Libinia emarginata	1	191.6
6189010601	Portunus gibbesii	1	2.1
6191010101	Squilla empusa	1	6.9
874701	Clupeidae	2	.0
8777180202	Arius felis	7	59.2
8787040301	Halieutichthys sculeatus	2	5.5
8791031007	Urophycis floridanus	1	14.1
8826020104	Prionotus tribulus	2	16.2
8835440601	Menticirrhus americanus	3	172.7
8835440801	Pogonias cromis	1	3903.0
8835520101	Chaetodipterus faber	1	3.5
8857030201	Etropus crossotus	8	43.8
8858020101	Symphurus plagiatus	2	36.6
8861010210	Sphoeroides parvus	1	11.1

790103FN0500288F T.H

MACROEPIFAUNA &amp; DEMERSAL FISH - TAXONOMY

BLM288C3

12/19/79 08:31:15

Code	Organism name	No.	wgt.
3660	Demospongia	1	5.8
50010208	GHarmothoe	1	.0
5001360102	SSchistomeringos caeca	1	.0
5103310101	Architectonica nobilis	1	23.7
51050102	GCenebra	1	.1
5105011001	Murex fulvescens	1	3.2
5105040401	Cantharus cancellarius	8	.6
5105090201	Fasciolaria liliium	10	.5
5105090301	Pleuroploca gigantea	1	.0
550601	Arcidae	1	.0
5506010201	Anadara transversa	33	1.6
5510020202	Ostrea equestris	1	.3
5515510102	Chama congregata	4	.1
6177010101	Penaeus aztecus	104	1139.2
6177010202	Trachypenaeus similis	17	25.4
6177010401	Sicyonia brevirostris	15	90.0
6177010402	Sicyonia dorsalis	1	.1
6177010601	Solenocera atlantidis	5	2.2
6183120501	Porcellana sigabellana	3	.0
6186020102	Calappa sulcata	5	234.0
6187010902	Libinia emarginata	1	462.0
6189010601	Portunus gibbesii	21	206.8
6189010604	Portunus spinimanus	3	126.1
6189050401	Speocarcinus lobatus	1	.7
6191010101	Squilla empusa	5	33.7
7815040499	?Cupuladria biporosa	475	.2
8106010502	Astropecten duplicatus	25	32.1
8406010511	Styela plicata	2	.2
8762020101	Synodus foetens	2	390.2
877180202	Arius felis	8	1927.6
87870401	GOCOcephalus	2	2.5
8787040301	Helleutichthys aculeatus	281	1123.1
8792010504	Lepophidium graellsi	2	63.8
8826010606	Scorpaena calcarata	7	31.8
8826020118	Prionotus rubio	30	2176.3
8826020121	Prionotus stearnsi	1	.1
8835021002	Diplectrum formosum	1	107.0
8835021005	Diplectrum bivittatum	9	113.3
8835260101	Rachycentron canadum	1	361.4
8835360107	Lutjanus campechanus	5	79.6

8835390102	Eucinostomus gula												8	223.4				
85	1	92	1	102	1	104	1	106	1	107	1	111	1	114	1			
8835400101	Haemulon aurolineatum																	
143	1																	
8835430102	Stenotomus caprinus																	
82	1	84	1	85	1	88	1	89	2	100	1	106	1	109	1			
8835440106	Cynoscion arenarius																	
207	1																	
8835440401	Lefostomus xanthurus																	
190	1																	
8835440501	Larimus fasciatus																	
149	1																	
8835440601	Menticirrhus americanus																	
255	1																	
8835440701	Micropogon undulatus																	
150	1	152	1	157	1	159	1	162	3	164	1	168	1	170	1	171	1	172
8835441206	Equetus umbrosus																	
109	1																	
8835520101	Chaetodipterus feber																	
81	1	90	2	96	1	97	1	103	2	115	1	130	1					
88350020201	Trichiurus lepturus																	
562	1																	
88357030201	Etropus crossotus																	
84	1	87	1	92	2	94	1	95	1	97	1	98	2	101	1	102	1	104
88357030801	Cyclopsetta chittendeni																	
177	1																	
88357031301	Syacium gunteri																	
93	1	99	1	100	1	104	1	109	2	112	1	117	1	125	1	127	1	
88358020101	Symphurus plagiata																	
112	1	113	1															
8860020201	Belistes capriscus																	
114	1																	
8861010210	Sphaeroides parvus																	
61	1	62	1	63	1													

Code	Organism name	No.	Wgt.
6177010101	<i>Penaeus aztecus</i>	6	100.2
6177010401	<i>Sicyonia brevirostris</i>	1	8.4
6187020201	<i>Leiolumbrus nitidus</i>	1	.9
6189010302	<i>Callinectes similis</i>	2	53.4
6189010601	<i>Portunus gibbesii</i>	10	100.2
6191010101	<i>Squilla empusa</i>	3	40.0
8106010502	<i>Astropecten duplicatus</i>	90	109.3
8777180202	<i>Arius felis</i>	1	226.7
8787040301	<i>Haliutichthys aculeatus</i>	21	104.3
8826020118	<i>Prionotus rubio</i>	8	519.0
8835020305	<i>Centropristis philadelphicus</i>	1	77.0
8835021005	<i>Diplectrum bivittatum</i>	1	40.6
8835360107	<i>Lutjanus campechanus</i>	5	168.5
8835390102	<i>Eucinostomus gula</i>	1	16.9
8835430102	<i>Stenotomus caprinus</i>	7	102.0
8835440401	<i>Leiostomus xanthurus</i>	4	311.0
8835440501	<i>Larimus fasciatus</i>	11	809.6
8835440701	<i>Micropogon undulatus</i>	244	6032.3
8835520101	<i>Chaetodipterus faber</i>	1	57.5
8857030110	<i>Citharichthys spilopterus</i>	5	45.2
8857030201	<i>Etropus crossotus</i>	8	130.7
8857030801	<i>Cyclopsetta chittendeni</i>	3	108.5
8857031301	<i>Syacium gunteri</i>	13	191.5
8858020102	<i>Symphurus civitatus</i>	2	24.0
8861010210	<i>Sphoeroides parvus</i>	1	10.0

Code	Organism name	No.	wt.
3760040101	Callinectes tricolor	34	39.0
5515471401	Agriopoma texasiana	1	10.6
5706010201	Lolliguncula brevis	4	171.1
6177010101	Penaeus aztecus	1	4.8
6177010103	Penaeus setiferus	2	33.5
61770102	Trachypenaeus	1	.1
6177010202	Trachypenaeus similis	10	21.8
6183060232	Pagurus pollicaris	11	42.1
6189010302	Callinectes similis	9	25.9
6189010601	Portunus gibbesii	19	86.1
6191010101	Squilla empusa	14	128.0
8106010502	Astropecten duplicatus	1	.6
874701	Clupeidae	1	.0
8826020104	Prionotus tribulus	1	7.0
8835440103	Cynoscion nothus	12	190.9
8835440106	Cynoscion arenarius	1	86.5
8835440401	Leiostomus xanthurus	1	94.5
8835440701	Micropogon undulatus	9	759.7
8835441001	Stellifer lanceolatus	9	240.5
8835520101	Chaetodipterus faber	1	20.4
8838010101	Polydactylus octonemus	1	37.5
8857030110	Citharichthys spilopterus	4	35.3
8857030201	Etropus crossotus	6	50.2
8858020101	Symphurus plagiosa	10	160.7
8861010210	Sphaeroides parvus	7	42.1

Code	Organism name	No.	Wgt.
3760040101	Callinectes tricolor	3	5.2
5103800101	Tonna galea	1	6.9
6177010202	Trachypenaeus similis	1	2.7
6163060232	Pagurus pollicaris	1	2.9
6186020201	Henatus epheliticus	1	18.1
6189010302	Callinectes similis	7	82.8
6191010101	Squilla empusa	1	5.8
8777180202	Arius felis	15129826.8	
8787040301	Haliieutichthys aculeatus	11	44.2
8835440103	Cynoscion nothus	4	250.0
8835440301	Bairdiella chrysura	1	48.4
8835440401	Leiostomus xanthurus	17	1231.7
8835440601	Menticirrhus americanus	1	275.3
8835440701	Micropogon undulatus	74	5497.6
8835441001	Stellifer lanceolatus	1	20.3
8834010101	Polydactylus octonemus	2	144.9
8857030110	Citharichthys spilopterus	3	26.6
8857030201	Etropus crossotus	30	125.3
8857031301	Syacium quateri	2	12.0
8858010303	Gymnarchus texae	1	20.3
8858020101	Symphurus plagiuse	1	13.0
8858020102	Symphurus civitatus	4	45.2

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Code	Organism name	No.	wgt.
5106040101	Terebra dislocata	1	.0
5515471012	Pitar cordatus	1	37.2
5517020201	Corbula contracta	1	.0
5706010201	Lolliuncula brevis	13	69.0
6177010101	Penaeus aztecus	24	354.5
6177010103	Penaeus setiferus	4	205.2
6177010202	Trachypenaeus similis	5	15.5
6177010401	Sicyonia brevirostris	3	42.9
6177010402	Sicyonia dorsalis	1	1.6
6183061201	Petrochirus diogenes	1	11.4
6186020101	Calappa flammea	1	172.7
6187020201	Leiolambrus nitidus	2	.5
6189010302	Callinectes similis	13	351.8
6189010601	Portunus gibbesii	7	35.7
8106010502	Astropecten duplicatus	1895	1575.3
872117	Dysommidae	1	.1
8762020101	Synodus foetens	13	1390.2
8762020301	Saurida brasiliensis	1	4.2
8783010106	Porichthys porosissimus	1	18.2
8787040301	Halieutichthys aculeatus	1	4.5
8826010606	Scorpaena calcarata	2	27.5
8826020118	Prionotus rubio	59	2154.4
8835020305	Centropristis philadelphicus	15	216.7
8835021005	Diplectrum bivittatum	14	301.7
8835280102	Trachurus lathami	1	16.0
8835360107	Lutjanus campechanus	1	42.6
8835430102	Stenotomus caprinus	16	365.0
8835440106	Cynoscion arenarius	22	1969.3
8835440401	Leiostomus xanthurus	21	1752.6
8835440601	Menticirrhus americanus	1	257.4
8835440701	Micropogon undulatus	100	7263.9
8835520101	Chaetodipterus faber	2	90.5
8847011601	Bollmannia communis	1	.3
8857030201	Etropus crossotus	16	255.9
8857030506	Ancistopsetta quadricellata	1	169.2
8857030801	Cyclosetta chittendeni	13	518.3
8857031301	Syactium gunteri	33	622.2
8858020102	Symphurus civitatus	5	63.0
8860020201	Balistes caprisacus	1	22.6
8861010210	Sphaeroides parvus	3	32.3



790124C 28HF T.H MACROEPIFAUNA & DEMERSAL FISH - TAXONOMY BLM28BC3 12/19/79 0A:31:13

Code	Organism name	No.	wgt.
3760040101	Callinectes tricolor	13	44.4
5103760407	Polinices duplicatus	3	135.9
5105030303	Anachis obesa	10	.0
5105040401	Cantharus cancellarius	64	242.4
510507010501	Busycon perversum pulleyi	4	822.6
510507010601	Busycon spiretum plagosum	1	68.2
5105080106	Nassarius acutus	2	.0
5106040101	Terebra dislocata	1	.0
5506010202	Anadara ovalis	6	106.8
5517020201	Corhula contracta	2	.0
5706010201	Lolliguncula brevis	1	7.6
6177010103	Penaeus setiferus	5	66.2
6177010201	Trachypenaeus constrictus	2	.2
6177010202	Trachypenaeus similis	95	198.2
6177010402	Sicyonia dorsalis	1	2.4
6179140103	Alpheus floridanus	3	1.2
6179160602	Libinia parvulus	1	.0
61830602	Pagurus (decapoda)	1	.0
6183060232	Pagurus pollicaris	6	47.2
6183120502	Porcellana sayana	2	.2
6186020102	Callinectes sulcata	1	297.4
6187010902	Libinia emarginata	1	45.5
6189010302	Callinectes similis	16	122.2
6189010501	Ovalipes quadripennis	1	15.8
6189010601	Portunus gibbesii	71	269.0
6191010101	Squilla empusa	6	47.3
8106010502	Astropecten duplicatus	1	1.5
8787040301	Halieutichthys aculeatus	1	5.0
8826020118	Prionotus rubio	4	27.2
8835440103	Cynoscion nothus	2	14.8
8835440601	Menticirrhus americanus	1	100.0
8835441001	Stellifer lanceolatus	1	18.8
8850020201	Trichturus lepturus	1	7.4
8857030110	Citharichthys spilopterus	29	289.0
8857030201	Etropus crossotus	19	144.0
8857030304	Paralichthys lethostigma	1	171.4
8857031301	Syacium gunteri	9	83.8
8858020102	Symphurus civitatus	21	269.3
		2 115	2 116

**SPECIES DIVERSITY AND EVENNESS  
MACROEPIFAUNA AND DEMERSAL FISH**

SPECIES DIVERSITY AND EVENNESS - MACROEPIFAUNA & DEMERSAL FISH - CRUISE 1

Label	# Spe.	# Ind.	S-W	Pielou	Heip
780501PN0500288F T.R	30	324	2.29	.674	.307
780502PN0500288F T.R	32	490	1.86	.537	.175
780503PN0500288F T.R	19	189	1.61	.548	.223
780504PN0500288F T.R	24	488	1.67	.526	.188
780521C 288F T.R	14	64	2.08	.788	.538
780522C 288F T.R	13	194	1.53	.596	.301
780523C 288F T.R	47	1679	1.69	.439	.096
780524C 288F T.R	11	160	1.52	.633	.356

780801P	N05002	BBF	I	B	25	83	2.72	.846	.593
780802P	N05002	BBF	I	B	15	114	2.06	.766	.497
780803P	N05002	BBF	I	B	31	4713	2.27	.074	.010
780804P	N05002	BBF	I	B	31	477	2.18	.635	.262
780805S	N05002	BBF	I	B	23	475	2.05	.654	.308
780806S	N05002	BBF	I	B	49	1299	2.57	.660	.251
780807S	N05002	BBF	I	B	40	494	2.38	.644	.251
780808S	N05002	BBF	I	B	22	125	2.45	.791	.502
780809S	N05002	BBF	I	B	40	1154	1.89	.511	.144
780810S	N05002	BBF	I	B	11	41	1.85	.771	.535
780811S	N05002	BBF	I	B	10	15	2.16	.945	.898
780812S	N05002	BBF	I	B	5	39	1.51	.811	.672
780813S	N05002	BBF	I	B	46	1050	2.82	.835	.231
780814S	N05002	BBF	I	B	35	1861	2.04	.574	.197
780815S	N05002	BBF	I	B	51	461	2.77	.706	.301
780816S	N05002	BBF	I	B	45	404	2.76	.725	.336
780817S	N05002	BBF	I	B	46	451	3.19	.834	.518
780818S	N05002	BBF	I	B	43	481	2.54	.675	.278
780819S	N05002	BBF	I	B	12	101	1.60	.644	.359
780820S	N05002	BBF	I	B	11	36	2.18	.910	.786
780821C	2BBF	I	B	21	231	2.08	.683	.350	
780822C	2BBF	I	B	7	30	1.52	.781	.596	
780823C	2BBF	I	B	41	324	1.13	.205	.023	
780824C	2BBF	I	B	15	252	1.17	.430	.158	

790101PN050028BF	1.6	22	82	2.70	.874	.661
790102PN050028BF	1.8	16	45	2.36	.886	.704
790103PN050028BF	1.8	57	1283	2.36	.583	.171
790104PN050028BF	1.8	35	450	2.71	.530	.188
790121L	28BF	1.8	170	2.72	.844	.589
790122C	28BF	1.8	318	1.72	.555	.217
790123C	28BF	1.8	2316	1.98	.266	.043
790124C	28BF	1.8	51	2.86	.728	.330

**HISTOPATHOLOGY OF INVERTEBRATES**

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
01P	I	Crassostrea virginica	117	F	M	117	X	D	A9	
01P	I	Crassostrea virginica	117	F	M	117	X	D	V7	
01P	I	Crassostrea virginica	117	F	M	117	X	L	N8	DM LG1
01P	I	Crassostrea virginica	117	F	M	117	X	L	A9	
01P	I	Crassostrea virginica	117	F	M	117	X	R	N6	DM
01P	I	Crassostrea virginica	117	F	M	117	X	R	N6	
01P	I	Crassostrea virginica	117	F	M	117	X	D	N6	
01P	I	Crassostrea virginica	117	F	M	117	X	D	N7	
01P	I	Crassostrea virginica	117	F	M	117	X	L	N6	DM LF2
01P	I	Crassostrea virginica	117	F	M	117	X	L	A9	
01P	I	Crassostrea virginica	117	F	M	117	X	R	N6	DM LF2
01P	I	Crassostrea virginica	117	F	M	117	X	R	N6	
01P	I	Crassostrea virginica	115	F	M	115	X	D	N6	MC
01P	I	Crassostrea virginica	115	F	M	115	X	D	V0	
01P	I	Crassostrea virginica	115	F	M	115	X	L	N7	DM LF2 LG2 DG
01P	I	Crassostrea virginica	115	F	M	115	X	L	A7	LG
01P	I	Crassostrea virginica	115	F	M	115	X	R	N6	DM
01P	I	Crassostrea virginica	115	F	M	115	X	R	N6	
01P	I	Crassostrea virginica	101	M	M	101	X	D	N6	
01P	I	Crassostrea virginica	101	M	M	101	X	L	N7	
01P	I	Crassostrea virginica	101	M	M	101	X	L	N6	NS1 DM2 LG1 LF2
01P	I	Crassostrea virginica	101	M	M	101	X	L	N7	SP2
01P	I	Crassostrea virginica	101	M	M	101	X	R	N6	
01P	I	Crassostrea virginica	101	M	M	101	X	R	N6	
01P	I	Crassostrea virginica	143	F	M	143	X	D	N6	LG
01P	I	Crassostrea virginica	143	F	M	143	X	L	N6	
01P	I	Crassostrea virginica	143	F	M	143	X	L	N7	NS1 LG1 DM1
01P	I	Crassostrea virginica	143	F	M	143	X	L	N6	
01P	I	Crassostrea virginica	143	F	M	143	X	R	N6	DM
01P	I	Crassostrea virginica	143	F	M	143	X	R	N6	
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	D	A7	
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	D	00	
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	L	N6	EE1
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	L	A9	
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	R	N8	SM5
01PN0500	I	Speocarcinus lobatus	6	M	I	14	A0	R	N8	
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	B	A0	TA5
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	D	N7	
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	L	00	
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	L	N8	EE2 LF2
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	L	A8	
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	R	N8	
01PN0500	I	Speocarcinus lobatus	7	F	I	9	A0	R	N6	
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	D	N7	
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	D	00	
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	L	N8	EE
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	L	A8	SM2
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	R	N7	
01PN0500	I	Speocarcinus lobatus	8	M	I	15	A0	R	V8	SM5
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	B	N0	SN1
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	D	N7	
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	L	00	
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	L	N8	LG EE
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	L	A9	
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	R	N8	
01PN0500	I	Speocarcinus lobatus	9	M	I	15	A0	R	V8	SM5
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	D	N7	
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	L	00	
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	L	N8	EE4
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	L	A9	
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	L	N9	
01PN0500	I	Speocarcinus lobatus	10	M	I	14	A0	R	V7	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
02P	I	S	Crassostrea virginica	126	H	M	59	X	D	N6 MC LG1
02P	I	S	Crassostrea virginica	126	H	M	59	X	F	V0
02P	I	S	Crassostrea virginica	126	H	M	59	X	G	A9 DM LF3
02P	I	S	Crassostrea virginica	126	H	M	59	X	L	N7 LF1
02P	I	S	Crassostrea virginica	126	H	M	59	X	R	N6 DM
02P	I	S	Crassostrea virginica	126	H	M	59	X	R	N6
02P	I	S	Crassostrea virginica	127	H	M	63	X	D	N7
02P	I	S	Crassostrea virginica	127	H	M	63	X	F	N6
02P	I	S	Crassostrea virginica	127	H	M	63	X	G	A9 DM3
02P	I	S	Crassostrea virginica	127	H	M	63	X	L	N7 SF1
02P	I	S	Crassostrea virginica	127	H	M	63	X	M	N6 DM
02P	I	S	Crassostrea virginica	127	H	M	63	X	R	N6
02P	I	S	Crassostrea virginica	128	M	M	61	X	D	A9
02P	I	S	Crassostrea virginica	128	M	M	61	X	C	N8
02P	I	S	Crassostrea virginica	128	M	M	61	X	M	A9 DM
02P	I	S	Crassostrea virginica	128	M	M	61	X	R	A9 DM
02P	I	S	Crassostrea virginica	128	M	M	61	X	R	N7 DM
02P	I	S	Crassostrea virginica	128	M	M	61	X	R	N6
02P	I	S	Crassostrea virginica	129	F	I	54	X	D	N7 LG
02P	I	S	Crassostrea virginica	129	F	I	54	X	F	V9
02P	I	S	Crassostrea virginica	129	F	I	54	X	G	N8 DM2 LG3
02P	I	S	Crassostrea virginica	129	F	I	54	X	L	N6 AM9 LG1
02P	I	S	Crassostrea virginica	129	F	I	54	X	M	N6 DM
02P	I	S	Crassostrea virginica	129	F	I	54	X	R	N6
02P	I	S	Crassostrea virginica	130	M	M	68	X	D	A9 SP
02P	I	S	Crassostrea virginica	130	M	M	68	X	F	O0
02P	I	S	Crassostrea virginica	130	M	M	68	X	G	A9
02P	I	S	Crassostrea virginica	130	M	M	68	X	L	A9
02P	I	S	Crassostrea virginica	130	M	M	68	X	M	N6 DM
02P	I	S	Crassostrea virginica	130	M	M	68	X	R	N6
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	C	N6
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	D	O0
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	F	N6
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	G	N7
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	L	N6
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	M	N6
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	R	N7
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	C	N6 LF1
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	D	V0
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	F	N6
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	G	N6
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	L	N6 LF1
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	M	N6 DE LG
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	R	N7
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	C	N6
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	D	N8
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	F	N6
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	G	O0
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	L	N6
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	M	N6 SD1
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	R	N6 FN
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	R	O0
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	C	N0
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	D	O0
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	E	N6
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	G	N6
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	L	N6
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	M	N6 FN
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	R	N6 O0
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	C	N6 LF1
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	D	V9
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	F	N6
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	G	O0
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	L	N0
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	M	N6 FN DE
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	R	O0

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
02PN0500	I	P	16	F	M	95	A0	C	N7	
02PN0500	I	P	16	F	M	95	A0	D	N0	SG2
02PN0500	I	P	16	F	M	95	A0	E	A8	
02PN0500	I	P	16	F	M	95	A0	G	N0	LF5 PC3 PA5 PZ2 FN5
02PN0500	I	P	16	F	M	95	A0	L	A7	LF2
02PN0500	I	P	16	F	M	95	A0	M	N0	DG2
02PN0500	I	P	16	F	M	95	A0	R	N0	
02PN0500	I	P	17	F	M	100	A0	C	N7	
02PN0500	I	P	17	F	M	100	A0	D	N0	PZ1
02PN0500	I	P	17	F	M	100	A0	E	A9	
02PN0500	I	P	17	F	M	100	A0	G	N0	LF2 PC3 PA2 FN2
02PN0500	I	P	17	F	M	100	A0	L	N0	LF2 SC2
02PN0500	I	P	17	F	M	100	A0	M	N0	DG2 FN1
02PN0500	I	P	17	F	M	100	A0	R	00	
02PN0500	I	P	18	F	U	109	A0	C	N7	
02PN0500	I	P	18	F	U	109	A0	D	N0	SC3
02PN0500	I	P	18	F	U	109	A0	E	A9	
02PN0500	I	P	18	F	U	109	A0	G	N0	LF3 PA3 PC3 PZ1 FN3
02PN0500	I	P	18	F	U	109	A0	L	N0	LF2 SC2 IF5 SD1
02PN0500	I	P	18	F	U	109	A0	M	N0	DG2 LF2
02PN0500	I	P	18	F	U	109	A0	R	00	
02PN0500	I	P	19	F	M	103	A0	C	N7	
02PN0500	I	P	19	F	M	103	A0	D	N0	
02PN0500	I	P	19	F	M	103	A0	E	A9	
02PN0500	I	P	19	F	M	103	A0	G	N0	LF2 PC2
02PN0500	I	P	19	F	M	103	A0	L	A7	
02PN0500	I	P	19	F	M	103	A0	M	N0	DG2 LF2 FN3
02PN0500	I	P	19	F	M	103	A0	R	N0	
02PN0500	I	P	20	M	M	98	A0	C	N7	
02PN0500	I	P	20	M	M	98	A0	D	N0	SG1
02PN0500	I	P	20	M	M	98	A0	E	A8	
02PN0500	I	P	20	M	M	98	A0	G	N0	LF1 PA1 PC1 FN1
02PN0500	I	P	20	M	M	98	A0	L	N0	
02PN0500	I	P	20	M	M	98	A0	M	N0	
02PN0500	I	P	20	M	M	98	A0	R	N0	

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
03P	I	S	131	M	M	69	X	D	N6	
03P	I	S	131	M	M	69	X	D	N6	
03P	I	S	131	M	M	69	X	D	N7	DM
03P	I	S	131	M	M	69	X	L	N6	MC
03P	I	S	131	M	M	69	X	M	N6	DM
03P	I	S	131	M	M	69	X	R	N6	
03P	I	S	133	F	M	105	X	D	N6	
03P	I	S	133	F	M	105	X	D	N6	
03P	I	S	133	F	M	105	X	F	N7	DM9 LF2 LG2
03P	I	S	133	F	M	105	X	L	N6	
03P	I	S	133	F	M	105	X	M	N6	DM
03P	I	S	133	F	M	105	X	R	N6	
03P	I	S	133	F	I	98	X	D	N6	
03P	I	S	133	F	I	98	X	E	N6	
03P	I	S	133	F	I	98	X	G	N7	LG1
03P	I	S	133	F	I	98	X	L	N6	
03P	I	S	133	F	I	98	X	M	N6	DM
03P	I	S	133	F	I	98	X	R	N6	OG2
03P	I	S	134	F	I	83	X	D	N6	
03P	I	S	134	F	I	83	X	E	N6	LF2
03P	I	S	134	F	I	83	X	G	V0	
03P	I	S	134	F	I	83	X	L	N6	SA1
03P	I	S	134	F	I	83	X	M	N6	DM4
03P	I	S	134	F	I	83	X	R	N6	OG4 LF1
03P	I	S	135	M	M	76	X	D	N6	LF
03P	I	S	135	M	M	76	X	D	N6	
03P	I	S	135	M	M	76	X	G	N7	
03P	I	S	135	M	M	76	X	L	N6	DM4
03P	I	S	135	M	M	76	X	M	N6	
03P	I	S	135	M	M	76	X	R	N6	
03PN0500	I	P	36	F	I	33	A0	C	N6	PN1
03PN0500	I	P	36	F	I	33	A0	D	N6	
03PN0500	I	P	36	F	I	33	A0	E	V6	EE0
03PN0500	I	P	36	F	I	33	A0	G	N6	
03PN0500	I	P	36	F	I	33	A0	L	N6	
03PN0500	I	P	36	F	I	33	A0	M	N6	
03PN0500	I	P	36	F	I	33	A0	N	N6	
03PN0500	I	P	36	F	I	33	A0	R	N6	
03PN0500	I	P	37	F	I	30	A0	C	N6	
03PN0500	I	P	37	F	I	30	A0	D	O0	
03PN0500	I	P	37	F	I	30	A0	E	V6	EE0 CU1 FN4
03PN0500	I	P	37	F	I	30	A0	G	N6	
03PN0500	I	P	37	F	I	30	A0	L	N7	
03PN0500	I	P	37	F	I	30	A0	M	N6	
03PN0500	I	P	37	F	I	30	A0	N	N6	
03PN0500	I	P	37	F	I	30	A0	R	N6	
03PN0500	I	P	38	F	I	28	A0	C	N6	
03PN0500	I	P	38	F	I	28	A0	D	V9	
03PN0500	I	P	38	F	I	28	A0	E	O0	
03PN0500	I	P	38	F	I	28	A0	G	N6	EE0
03PN0500	I	P	38	F	I	28	A0	L	N7	SP9
03PN0500	I	P	38	F	I	28	A0	M	N6	
03PN0500	I	P	38	F	I	28	A0	N	N6	
03PN0500	I	P	38	F	I	28	A0	R	V0	
03PN0500	I	P	39	F	I	27	A0	C	N0	PN3
03PN0500	I	P	39	F	I	27	A0	D	N7	
03PN0500	I	P	39	F	I	27	A0	E	O0	
03PN0500	I	P	39	F	I	27	A0	G	N0	EE0 CU1
03PN0500	I	P	39	F	I	27	A0	L	N7	
03PN0500	I	P	39	F	I	27	A0	M	N6	PN
03PN0500	I	P	39	F	I	27	A0	N	N6	
03PN0500	I	P	39	F	I	27	A0	R	V0	
03PN0500	I	P	40	M	I	28	D1	C	N6	
03PN0500	I	P	40	M	I	28	D1	D	V8	
03PN0500	I	P	40	M	I	28	D1	E	N6	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
04P	I	Anadara imbricata	136	M	M	96	X	D	N6	MC
04P	I	Anadara imbricata	136	M	M	96	X	C	N0	
04P	I	Anadara imbricata	136	M	M	96	X	C	N0	PA2 LG2
04P	I	Anadara imbricata	136	M	M	96	X	L	N6	MC
04P	I	Anadara imbricata	136	F	M	96	X	M	N6	DM
04P	I	Anadara imbricata	136	F	M	96	X	R	N6	
04P	I	Anadara imbricata	137	F	M	96	X	D	A9	
04P	I	Anadara imbricata	137	F	M	96	X	C	N0	
04P	I	Anadara imbricata	137	F	M	96	X	L	A9	
04P	I	Anadara imbricata	137	F	M	96	X	L	N6	DM
04P	I	Anadara imbricata	137	F	M	96	X	R	N7	
04P	I	Anadara imbricata	138	F	M	92	X	D	N0	
04P	I	Anadara imbricata	138	F	M	92	X	C	N6	
04P	I	Anadara imbricata	138	F	M	92	X	G	N7	LG3 DM PA
04P	I	Anadara imbricata	138	F	M	92	X	L	N6	MC
04P	I	Anadara imbricata	138	F	M	92	X	M	N7	DM
04P	I	Anadara imbricata	138	F	M	92	X	R	N6	
04P	I	Anadara imbricata	139	F	M	98	X	D	N7	
04P	I	Anadara imbricata	139	F	M	98	X	C	N6	LG4
04P	I	Anadara imbricata	139	F	M	98	X	G	V9	
04P	I	Anadara imbricata	139	F	M	98	X	L	N6	
04P	I	Anadara imbricata	139	F	M	98	X	M	N7	DM
04P	I	Anadara imbricata	139	F	M	98	X	R	N6	
04P	I	Anadara imbricata	140	F	M	98	X	D	N6	LG3
04P	I	Anadara imbricata	140	F	M	98	X	C	N6	
04P	I	Anadara imbricata	140	F	M	98	X	G	V0	
04P	I	Anadara imbricata	140	F	M	98	X	L	N6	MC
04P	I	Anadara imbricata	140	F	M	98	X	M	N7	DM
04P	I	Anadara imbricata	140	F	M	98	X	R	N6	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	C	N6	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	D	N7	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	C	N8	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	G	N0	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	L	N7	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	M	N6	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	N	N6	
04PN0500	I	Leiolambrus nitidus	51	F	U	14	A0	R	N0	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	C	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	D	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	C	V6	CU2
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	G	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	L	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	M	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	N	N6	
04PN0500	I	Leiolambrus nitidus	52	M	M	16	A0	R	N6	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	C	N6	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	D	N0	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	C	N0	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	G	N7	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	L	N7	SN1 IF2
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	M	N6	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	N	N6	
04PN0500	I	Leiolambrus nitidus	53	M	M	18	A0	R	N6	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	C	N6	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	D	N7	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	C	N0	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	G	N7	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	L	N7	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	M	N6	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	N	N6	
04PN0500	I	Leiolambrus nitidus	54	F	M	23	A0	R	N7	
04PN0500	I	Leiolambrus nitidus	55	F	M	19	A0	C	N7	
04PN0500	I	Leiolambrus nitidus	55	F	M	19	A0	D	N6	
04PN0500	I	Leiolambrus nitidus	55	F	M	19	A0	C	N7	

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
04PN0500	I	P	Leiolaemus nitidus	55	F	M	19	A0	G	N8	
04PN0500	I	P	Leiolaemus nitidus	55	F	M	19	A0	L	N7	LF
04PN0500	I	P	Leiolaemus nitidus	55	F	M	19	A0	M	N6	
04PN0500	I	P	Leiolaemus nitidus	55	F	M	19	A0	N	N6	LG1
04PN0500	I	P	Leiolaemus nitidus	55	F	M	19	A0	R	N7	
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	C	N7	
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	D	N0	SC4
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	E	N8	
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	G	N0	PC3
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	L	N7	SN1
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	M	N0	
04PN0500	I	P	Trachypenaeus similis	46	F	M	91	A0	R	N0	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	C	N7	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	D	N0	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	E	N8	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	G	N0	LF2 PC3
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	L	N0	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	M	N0	
04PN0500	I	P	Trachypenaeus similis	47	F	M	87	A0	R	N0	
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	C	N7	
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	D	N0	SC1
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	E	N9	
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	G	N0	LF2 PC1
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	L	N0	
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	M	N0	
04PN0500	I	P	Trachypenaeus similis	48	F	I	89	A0	R	N0	LF1
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	C	N7	
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	D	N0	
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	E	N0	
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	G	N0	PC3
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	L	N8	SC1
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	M	N0	LF2
04PN0500	I	P	Trachypenaeus similis	49	F	M	85	A0	R	N0	
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	C	N7	
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	D	N0	SC3
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	E	N8	
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	G	N0	FN1
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	L	N8	SC3
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	M	N0	
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	R	N0	

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
21C	Tellina	71	M	M	12	A0	D	N6	
21C	Tellina	71	M	M	12	A0	C	N6	DM4
21C	Tellina	71	M	M	12	A0	C	N6	
21C	Tellina	71	M	M	12	A0	L	N6	
21C	Tellina	71	M	M	12	A0	R	N6	
21C	Tellina	72	F	M	10	A0	D	N6	
21C	Tellina	72	F	M	10	A0	C	N6	DM4
21C	Tellina	72	F	M	10	A0	C	N6	
21C	Tellina	72	F	M	10	A0	L	N6	
21C	Tellina	72	F	M	10	A0	R	N6	
21C	Tellina	73	M	M	8	A0	D	N6	SC4
21C	Tellina	73	M	M	8	A0	C	N6	DM4
21C	Tellina	73	M	M	8	A0	C	N6	
21C	Tellina	73	M	M	8	A0	L	N6	
21C	Tellina	73	M	M	8	A0	R	N6	
21C	Tellina	74	F	M	9	A0	D	N6	
21C	Tellina	74	F	M	9	A0	C	N6	DM4
21C	Tellina	74	F	M	9	A0	C	N6	
21C	Tellina	74	F	M	9	A0	L	N6	
21C	Tellina	74	F	M	9	A0	R	N6	
21C	Tellina	75	M	M	7	A0	D	N6	SC2
21C	Tellina	75	M	M	7	A0	C	N6	
21C	Tellina	75	M	M	7	A0	C	N6	
21C	Tellina	75	M	M	7	A0	L	N6	
21C	Tellina	75	M	M	7	A0	R	N6	
21C	Callinectes similis	66	M	M	55	A0	C	N7	
21C	Callinectes similis	66	M	M	55	A0	D	A9	
21C	Callinectes similis	66	M	M	55	A0	C	00	
21C	Callinectes similis	66	M	M	55	A0	L	N8	
21C	Callinectes similis	66	M	M	55	A0	R	A9	FN3
21C	Callinectes similis	66	M	M	55	A0	R	N6	
21C	Callinectes similis	66	M	M	55	A0	R	N7	
21C	Callinectes similis	67	F	M	57	A0	C	N7	LF2
21C	Callinectes similis	67	F	M	57	A0	D	A9	
21C	Callinectes similis	67	F	M	57	A0	C	N7	
21C	Callinectes similis	67	F	M	57	A0	L	A9	
21C	Callinectes similis	67	F	M	57	A0	R	N6	
21C	Callinectes similis	67	F	M	57	A0	R	N7	
21C	Callinectes similis	68	M	I	35	A0	C	N6	
21C	Callinectes similis	68	M	I	35	A0	D	V9	
21C	Callinectes similis	68	M	I	35	A0	C	V6	
21C	Callinectes similis	68	M	I	35	A0	L	A9	
21C	Callinectes similis	68	M	I	35	A0	R	A9	
21C	Callinectes similis	68	M	I	35	A0	R	N6	
21C	Callinectes similis	68	M	I	35	A0	R	00	
21C	Callinectes similis	69	F	I	43	X	C	N8	
21C	Callinectes similis	69	F	I	43	X	D	N8	
21C	Callinectes similis	69	F	I	43	X	C	N8	
21C	Callinectes similis	69	F	I	43	X	L	A9	
21C	Callinectes similis	69	F	I	43	X	R	A9	
21C	Callinectes similis	69	F	I	43	X	R	N6	
21C	Callinectes similis	69	F	I	43	X	R	0	
21C	Callinectes similis	70	M	M	44	X	C	N7	
21C	Callinectes similis	70	M	M	44	X	D	0	
21C	Callinectes similis	70	M	M	44	X	C	V8	EE
21C	Callinectes similis	70	M	M	44	X	L	N8	
21C	Callinectes similis	70	M	M	44	X	R	A9	
21C	Callinectes similis	70	M	M	44	X	R	N6	
21C	Callinectes similis	70	M	M	44	X	R	N0	

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
22C	Noetia ponderosa	86	F	M	36	A0	GMD	N6	MC2
22C	Noetia ponderosa	86	F	M	36	A0	GMD	N6	LG2 PZ2
22C	Noetia ponderosa	86	F	M	36	A0	GMD	N6	SC2
22C	Noetia ponderosa	86	F	M	36	A0	GMD	N6	SC2 LG3
22C	Noetia ponderosa	86	F	M	36	A0	R	N6	SC2 PZ2 DG3
22C	Noetia ponderosa	86	F	M	36	A0	R	N6	SC2 PZ1
22C	Noetia ponderosa	87	F	M	33	A0	D	N6	MC4
22C	Noetia ponderosa	87	F	M	33	A0	GMD	N6	PZ1
22C	Noetia ponderosa	87	F	M	33	A0	GMD	N6	SP1
22C	Noetia ponderosa	87	F	M	33	A0	GMD	N6	SC1 LG2 MC2 PZ1
22C	Noetia ponderosa	87	F	M	33	A0	R	N6	TA1 FN3 DG2
22C	Noetia ponderosa	87	F	M	33	A0	R	N6	DG2 SP2
22C	Noetia ponderosa	88	F	M	44	A0	D	N6	SP1 LG2 LG1 PZ2
22C	Noetia ponderosa	88	F	M	44	A0	GMD	N6	SP1 FN4
22C	Noetia ponderosa	88	F	M	44	A0	GMD	N6	SC1 SP1 LG2 PZ2
22C	Noetia ponderosa	88	F	M	44	A0	GMD	N6	TA1 FN1 DG3 PZ1
22C	Noetia ponderosa	88	F	M	44	A0	R	N6	DG4 PZ2
22C	Noetia ponderosa	89	M	M	33	A0	D	N6	SC1 MC4
22C	Noetia ponderosa	89	M	M	33	A0	GMD	N6	SP2 PZ2
22C	Noetia ponderosa	89	M	M	33	A0	GMD	N6	SC2
22C	Noetia ponderosa	89	M	M	33	A0	GMD	N6	SC2 LG1 SP2 PZ2
22C	Noetia ponderosa	89	M	M	33	A0	R	N6	SC2 SP1 DG3
22C	Noetia ponderosa	90	M	M	32	A0	D	N6	SC4 MC4
22C	Noetia ponderosa	90	M	M	32	A0	GMD	N6	SP1 LG4 PZ2
22C	Noetia ponderosa	90	M	M	32	A0	GMD	N6	FN2
22C	Noetia ponderosa	90	M	M	32	A0	GMD	N6	SP1 AM1 LG2 PZ1
22C	Noetia ponderosa	90	M	M	32	A0	R	N6	SC2 SP1
22C	Callipepla squamata	81	F	I	44	A0	C	O	V9
22C	Callipepla squamata	81	F	I	44	A0	GMD	N6	LG2
22C	Callipepla squamata	81	F	I	44	A0	GMD	N6	FN2
22C	Callipepla squamata	81	F	I	44	A0	L	N7	LP9 FI
22C	Callipepla squamata	81	F	I	44	A0	L	N6	LP9
22C	Callipepla squamata	81	F	I	44	A0	R	O	
22C	Callipepla squamata	82	F	I	46	A0	C	N6	FN1
22C	Callipepla squamata	82	F	I	46	A0	C	N7	
22C	Callipepla squamata	82	F	I	46	A0	GMD	N6	EE2
22C	Callipepla squamata	82	F	I	46	A0	L	N6	LP9
22C	Callipepla squamata	82	F	I	46	A0	R	N6	
22C	Callipepla squamata	82	F	I	46	A0	R	O	
22C	Callipepla squamata	83	M	I	43	A0	C	N6	
22C	Callipepla squamata	83	M	I	43	A0	D	N6	
22C	Callipepla squamata	83	M	I	43	A0	GMD	N6	
22C	Callipepla squamata	83	M	I	43	A0	GMD	N6	DG LG1
22C	Callipepla squamata	83	M	I	43	A0	GMD	N6	
22C	Callipepla squamata	83	M	I	43	A0	R	N6	
22C	Callipepla squamata	83	M	I	43	A0	R	O	
22C	Callipepla squamata	84	M	I	40	A0	C	N6	
22C	Callipepla squamata	84	M	I	40	A0	D	N6	
22C	Callipepla squamata	84	M	I	40	A0	GMD	N6	
22C	Callipepla squamata	84	M	I	40	A0	GMD	N6	EE0
22C	Callipepla squamata	84	M	I	40	A0	L	N6	LP9 FN
22C	Callipepla squamata	84	M	I	40	A0	R	N6	
22C	Callipepla squamata	84	M	I	40	A0	R	O	
22C	Callipepla squamata	85	F	I	42	A0	C	N6	FN1
22C	Callipepla squamata	85	F	I	42	A0	D	N6	
22C	Callipepla squamata	85	F	I	42	A0	GMD	N6	
22C	Callipepla squamata	85	F	I	42	A0	L	N6	EE0
22C	Callipepla squamata	85	F	I	42	A0	L	N6	DG1
22C	Callipepla squamata	85	F	I	42	A0	R	O	

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
UUC	Trachypenaeus similis	76	F	I	74	A0	C	O0	
UUC	Trachypenaeus similis	76	F	I	74	A0	C	N0	
UUC	Trachypenaeus similis	76	F	I	74	A0	C	A9	
UUC	Trachypenaeus similis	76	F	I	74	A0	G	N0	LF1 PA1 PC1 FN1
UUC	Trachypenaeus similis	76	F	I	74	A0	L	N0	SCI
UUC	Trachypenaeus similis	76	F	I	74	A0	M	N0	DG1
UUC	Trachypenaeus similis	76	F	I	74	A0	R	N0	CE1
UUC	Trachypenaeus similis	77	F	I	80	A0	C	N7	
UUC	Trachypenaeus similis	77	F	I	80	A0	D	N8	
UUC	Trachypenaeus similis	77	F	I	80	A0	F	A8	
UUC	Trachypenaeus similis	77	F	I	80	A0	G	N0	PC1
UUC	Trachypenaeus similis	77	F	I	80	A0	L	N0	
UUC	Trachypenaeus similis	77	F	I	80	A0	M	N0	DG1
UUC	Trachypenaeus similis	77	F	I	80	A0	R	N0	FN1
UUC	Trachypenaeus similis	78	F	I	70	A0	C	N7	
UUC	Trachypenaeus similis	78	F	I	70	A0	D	N0	
UUC	Trachypenaeus similis	78	F	I	70	A0	E	A8	
UUC	Trachypenaeus similis	78	F	I	70	A0	G	N0	PC1
UUC	Trachypenaeus similis	78	F	I	70	A0	L	N0	
UUC	Trachypenaeus similis	78	F	I	70	A0	M	N0	DG1
UUC	Trachypenaeus similis	78	F	I	70	A0	R	N0	
UUC	Trachypenaeus similis	79	F	I	68	A0	C	N7	
UUC	Trachypenaeus similis	79	F	I	68	A0	D	O0	
UUC	Trachypenaeus similis	79	F	I	68	A0	E	A9	
UUC	Trachypenaeus similis	79	F	I	68	A0	G	N0	PC2
UUC	Trachypenaeus similis	79	F	I	68	A0	L	N0	
UUC	Trachypenaeus similis	79	F	I	68	A0	M	N0	
UUC	Trachypenaeus similis	79	F	I	68	A0	R	N0	
UUC	Trachypenaeus similis	80	F	M	73	A0	C	O0	
UUC	Trachypenaeus similis	80	F	M	73	A0	D	N0	
UUC	Trachypenaeus similis	80	F	M	73	A0	E	V9	
UUC	Trachypenaeus similis	80	F	M	73	A0	G	N0	PC2
UUC	Trachypenaeus similis	80	F	M	73	A0	L	N0	
UUC	Trachypenaeus similis	80	F	M	73	A0	M	N0	
UUC	Trachypenaeus similis	80	F	M	73	A0	R	N0	

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
233C	Pitar cordatus	101	F	M	45	A0	D	N6	
233C	Pitar cordatus	101	F	M	45	A0	GMC	N6	SP1 SG1 FN2 LG2
233C	Pitar cordatus	101	F	M	45	A0	M	N6	LG3 CU2 DM2
233C	Pitar cordatus	101	F	M	45	A0	L	N6	SP1 AM1 SC1 LG2
233C	Pitar cordatus	101	F	M	45	A0	M	N6	DG1
233C	Pitar cordatus	101	F	M	45	A0	R	N6	
233C	Pitar cordatus	102	M	M	45	A0	D	N6	
233C	Pitar cordatus	102	M	M	45	A0	G	N6	LF2
233C	Pitar cordatus	102	M	M	45	A0	L	N6	DM CU2 MA4
233C	Pitar cordatus	102	M	M	45	A0	M	N6	SN1 IF5
233C	Pitar cordatus	102	M	M	45	A0	R	N6	SP1 LG1 FN2
233C	Pitar cordatus	103	F	M	38	A0	D	N6	
233C	Pitar cordatus	103	F	M	38	A0	G	N6	LG3
233C	Pitar cordatus	103	F	M	38	A0	L	N6	LG2 LF3 CU1 DM2
233C	Pitar cordatus	103	F	M	38	A0	M	N6	SP3 LF1 SC1 SP1
233C	Pitar cordatus	103	F	M	38	A0	R	N6	FN1
233C	Pitar cordatus	104	F	M	38	A0	D	N6	LF2
233C	Pitar cordatus	104	F	M	38	A0	GMC	N6	PZ1 SP1
233C	Pitar cordatus	104	F	M	38	A0	M	N6	LG3 AM5 CU1
233C	Pitar cordatus	104	F	M	38	A0	R	N6	DG2 LG3
233C	Pitar cordatus	105	M	M	23	A0	D	N6	
233C	Pitar cordatus	105	M	M	23	A0	G	N6	
233C	Pitar cordatus	105	M	M	23	A0	L	N6	AM8 LG2
233C	Pitar cordatus	105	M	M	23	A0	M	N6	
233C	Pitar cordatus	105	M	M	23	A0	R	N6	
233C	Portunus spinicarpus	96	M	I	44	A0	C	N6	
233C	Portunus spinicarpus	96	M	I	44	A0	D	N6	V9
233C	Portunus spinicarpus	96	M	I	44	A0	G	N6	V8
233C	Portunus spinicarpus	96	M	I	44	A0	L	N6	V6
233C	Portunus spinicarpus	96	M	I	44	A0	M	N6	V6
233C	Portunus spinicarpus	96	M	I	44	A0	N	N6	O
233C	Portunus spinicarpus	96	M	I	44	A0	R	N6	
233C	Portunus spinicarpus	97	M	I	44	A0	C	N6	
233C	Portunus spinicarpus	97	M	I	44	A0	D	N6	N7
233C	Portunus spinicarpus	97	M	I	44	A0	G	N6	V9
233C	Portunus spinicarpus	97	M	I	44	A0	L	N6	V8
233C	Portunus spinicarpus	97	M	I	44	A0	M	N6	N6
233C	Portunus spinicarpus	97	M	I	44	A0	N	N6	N6
233C	Portunus spinicarpus	97	M	I	44	A0	R	N6	N6
233C	Portunus spinicarpus	98	F	I	41	A0	C	N6	
233C	Portunus spinicarpus	98	F	I	41	A0	D	N6	V8
233C	Portunus spinicarpus	98	F	I	41	A0	G	N6	V7
233C	Portunus spinicarpus	98	F	I	41	A0	L	N6	N6
233C	Portunus spinicarpus	98	F	I	41	A0	M	N6	N
233C	Portunus spinicarpus	98	F	I	41	A0	N	N6	N6
233C	Portunus spinicarpus	98	F	I	41	A0	R	N6	PZ4
233C	Portunus spinicarpus	99	M	M	42	A0	C	N6	
233C	Portunus spinicarpus	99	M	M	42	A0	D	N6	N7
233C	Portunus spinicarpus	99	M	M	42	A0	G	N6	V9
233C	Portunus spinicarpus	99	M	M	42	A0	L	N6	V9
233C	Portunus spinicarpus	99	M	M	42	A0	M	N6	A9
233C	Portunus spinicarpus	99	M	M	42	A0	N	N6	N6
233C	Portunus spinicarpus	99	M	M	42	A0	R	N6	V8
233C	Portunus spinicarpus	100	M	I	39	A0	C	N6	
233C	Portunus spinicarpus	100	M	I	39	A0	D	N6	N6
233C	Portunus spinicarpus	100	M	I	39	A0	R	N6	V9

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
23C	Portunus spinicarpus	100	M	I	39	A0	G	V7	
23C	Portunus spinicarpus	100	M	M	39	A0	L	N6	
23C	Portunus spinicarpus	100	M	M	39	A0	M	N6	
23C	Portunus spinicarpus	100	M	M	39	A0	N	N6	
23C	Portunus spinicarpus	100	M	I	39	A0	R	N6	
23C	Penaeus aztecus	91	M	I	155	A0	C	N7	
23C	Penaeus aztecus	91	M	M	155	A0	D	N0	LF2 SG3 SH1
23C	Penaeus aztecus	91	M	M	155	A0	E	A8	
23C	Penaeus aztecus	91	M	M	155	A0	G	N8	FN1 PA1 PC1
23C	Penaeus aztecus	91	M	M	155	A0	L	AR	SD1
23C	Penaeus aztecus	91	M	M	155	A0	M	N0	DG1
23C	Penaeus aztecus	91	M	I	155	A0	R	N0	
23C	Penaeus aztecus	92	F	I	174	A0	C	N7	
23C	Penaeus aztecus	92	F	M	174	A0	D	P9	SG4
23C	Penaeus aztecus	92	F	I	174	A0	E	AR	
23C	Penaeus aztecus	92	F	M	174	A0	G	N0	FN1 PA1 PC1
23C	Penaeus aztecus	92	F	I	174	A0	L	AR	
23C	Penaeus aztecus	92	F	M	174	A0	M	N0	DG2 LF1 PZ1
23C	Penaeus aztecus	92	F	I	174	A0	R	N0	LF1 SN1
23C	Penaeus aztecus	93	M	U	140	A0	C	N7	FN1 LF1
23C	Penaeus aztecus	93	M	U	140	A0	D	P9	SG4
23C	Penaeus aztecus	93	M	U	140	A0	E	A9	
23C	Penaeus aztecus	93	M	U	140	A0	G	N0	FN2 LF2 PA2 PC2
23C	Penaeus aztecus	93	M	U	140	A0	L	A9	
23C	Penaeus aztecus	93	M	U	140	A0	M	N0	DG2 LF1
23C	Penaeus aztecus	93	M	U	140	A0	R	N0	
23C	Penaeus aztecus	94	M	U	145	A0	C	N7	
23C	Penaeus aztecus	94	M	U	145	A0	D	N0	
23C	Penaeus aztecus	94	M	U	145	A0	E	AR	
23C	Penaeus aztecus	94	M	U	145	A0	F	N0	PC1
23C	Penaeus aztecus	94	M	U	145	A0	G	N0	
23C	Penaeus aztecus	94	M	U	145	A0	L	N0	
23C	Penaeus aztecus	94	M	U	145	A0	M	N0	
23C	Penaeus aztecus	94	M	U	145	A0	R	N0	
23C	Penaeus aztecus	95	F	I	170	A0	C	N7	
23C	Penaeus aztecus	95	F	M	170	A0	D	P8	SG2
23C	Penaeus aztecus	95	F	I	170	A0	E	AR	
23C	Penaeus aztecus	95	F	M	170	A0	G	N0	PC1 PZ1
23C	Penaeus aztecus	95	F	I	170	A0	L	N0	SD1
23C	Penaeus aztecus	95	F	M	170	A0	M	N0	DG2
23C	Penaeus aztecus	95	F	I	170	A0	R	N0	IF1 LF1 SN1

Site		Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist
24C	I	P	Callinectes	111	M	I	45	A0	C	N8
24C	I	P	Callinectes	111	M	I	45	A0	D	A9
24C	I	P	Callinectes	111	M	I	45	A0	G	O
24C	I	P	Callinectes	111	M	I	45	A0	G	N9
24C	I	P	Callinectes	111	M	I	45	A0	L	A9
24C	I	P	Callinectes	111	M	I	45	A0	R	N7
24C	I	P	Callinectes	111	M	I	45	A0	R	O
24C	I	P	Callinectes	112	F	I	45	A0	C	V8
24C	I	P	Callinectes	112	F	I	45	A0	D	V9
24C	I	P	Callinectes	112	F	I	45	A0	D	O
24C	I	P	Callinectes	112	F	I	45	A0	G	N9
24C	I	P	Callinectes	112	F	I	45	A0	L	A9
24C	I	P	Callinectes	112	F	I	45	A0	L	N8
24C	I	P	Callinectes	112	F	I	45	A0	R	O
24C	I	P	Callinectes	113	M	I	44	A0	C	V8
24C	I	P	Callinectes	113	M	I	44	A0	D	A9
24C	I	P	Callinectes	113	M	I	44	A0	D	O
24C	I	P	Callinectes	113	M	I	44	A0	G	A9
24C	I	P	Callinectes	113	M	I	44	A0	G	A9
24C	I	P	Callinectes	113	M	I	44	A0	R	N7
24C	I	P	Callinectes	113	M	I	44	A0	R	O
24C	I	P	Callinectes	114	F	I	36	A0	C	N7
24C	I	P	Callinectes	114	F	I	36	A0	D	N8
24C	I	P	Callinectes	114	F	I	36	A0	D	O
24C	I	P	Callinectes	114	F	I	36	A0	L	A9
24C	I	P	Callinectes	114	F	I	36	A0	L	A9
24C	I	P	Callinectes	114	F	I	36	A0	R	N6
24C	I	P	Callinectes	114	F	I	36	A0	R	O
24C	I	P	Callinectes	115	F	I	38	A0	C	O
24C	I	P	Callinectes	115	F	I	38	A0	D	A9
24C	I	P	Callinectes	115	F	I	38	A0	D	O
24C	I	P	Callinectes	115	F	I	38	A0	G	A9
24C	I	P	Callinectes	115	F	I	38	A0	G	A9
24C	I	P	Callinectes	115	F	I	38	A0	L	A9
24C	I	P	Callinectes	115	F	I	38	A0	R	N7
24C	I	P	Callinectes	115	F	I	38	A0	R	O

FN2

LF LP

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	D	N6 DM3 LG0
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	D	N6 PN0
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	L	N6 DM3 NS1
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	M	N6 DM1 LG3
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	R	N6 DM3
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	R	N6 DM0 PN1
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	D	N6 DM3 LG0
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	D	N6 PN1
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	G	N6 NS3 MC9
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	L	N6 DM2 NS2
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	M	N6 DM3 DG4
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	R	N6 PZ1
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	D	N6 DM3 LG9 MC4
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	G	N6 PN1
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	M	N6 DM1 MC9
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	L	N6 NS2
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	M	N6 DM3
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	R	N6 DM1 PN3
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	D	N6 DM3
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	D	N6
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	L	N6 DM1
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	M	N6 DM1
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	R	N6 PN1
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	D	N6 DM3 SA9 AM1
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	D	N6
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	G	N6 DM9 MC9
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	L	N6 DM1
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	M	N6 DM3
05SN0500	I	P	Crassostrea virginica	255	M	M	65	A0	R	N6 PN0
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	C	N6 LF4
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	D	N6 V6
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	G	N6 ST1
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	L	N6 LF1 PC3 CU1
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	M	N6 FN1 PN2
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	R	N6
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	C	N6 LF3
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	D	N6 ST2 LF
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	G	N6 LG1
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	L	N6 LF2 LF3 PC5
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	M	N6 CU ST1
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	R	N6 ST1 LF1 FN1 LF3 PN0 IF4
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	R	N6 LF2
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	C	N6
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	D	N6
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	L	N6 LF1 PC2
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	M	N6 CU1 SF5
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	R	N6 DG1 CU2
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	R	N6
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	C	N6 LF4
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	D	N6 V6
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	L	N6 LG4 CU1
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	M	N6 LF1 PC3
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	R	N6
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	R	N6 DG1
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	R	N6
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	C	N6
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	D	N6
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	L	N6
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	G	N6 LG3
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	M	N6
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	R	N6 DG4
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	R	N6

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	D	N0 SG2
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	E	AB
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	G	N0 PC1
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	L	AB
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	M	N0
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	R	N0
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	C	N7 CE1
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	D	N0 SG1 LF1
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	E	AB
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	G	N0 PA1 LF2 FN1 PC1
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	L	AB LF2 SC1 TF2 SD1
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	M	N0
05SN0500	I	P	Penaeus setiferus	202	M	I	126	A0	R	OD
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	C	N7
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	D	N0 SG3
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	E	AB
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	G	N0 PC1
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	L	AB
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	M	N0
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	R	OD
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	C	N7
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	D	N0 SG2
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	E	AB
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	G	N0 LG1 PC1
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	L	AB
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	M	N0 FN2 PA1
05SN0500	I	P	Penaeus setiferus	204	F	M	156	A0	R	N0
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	C	N7
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	D	N0 LF1 SG2
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	E	AB
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	G	N0
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	L	AB
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	M	N0
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	R	OD

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	D	N6	YP4
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	D	N6	
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	G	N6	SF9 SB9
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	L	N6	SN1 LF5 LF3 DG1
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	R	N6	SF9
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	D	N6	YP3 IF1
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	D	N6	
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	G	N6	NS3 SB9
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	L	N6	SN1 PZ0
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	R	N6	SN1 PZ1
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	D	N6	
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	D	N6	SB9 DG9
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	L	N6	SB9 MA9 PN3
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	R	N6	SC1 LF1 LF4 SN1
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	R	N6	SN1 SC1
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	D	N6	DM0 YP2
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	D	N6	
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	G	N6	PN1 NS0 SB9
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	L	N6	PZ3
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	R	N6	
06SN0500	I	P	Pitar cordatus	260	F	M	35	A0	D	N6	SA1
06SN0500	I	P	Pitar cordatus	260	F	M	35	A0	D	N6	
06SN0500	I	P	Pitar cordatus	260	F	M	35	A0	L	N6	PN0 SB5 LF5 SF9
06SN0500	I	P	Pitar cordatus	260	F	M	35	A0	L	N6	SN1 LF3 LF4
06SN0500	I	P	Pitar cordatus	260	F	M	35	A0	R	N6	SN2 LF4
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	C	N6	
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	D	N6	
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	D	N6	LF3
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	G	N6	
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	L	N6	LP5
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	R	N6	PZ1
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	C	N6	
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	D	N6	PN0
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	D	N6	LG3
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	G	N6	LF3 LG5 PC1
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	L	N6	LP4
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	R	N6	DG1
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	C	N6	
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	D	N6	PN2
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	G	N6	LF1 DG2
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	L	N6	EE3 CU1
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	R	N6	LP4
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	R	N6	DG2
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	C	N6	
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	D	N6	AM4
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	G	N6	
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	L	N6	LF1 EE2 HL2
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	R	N6	PN1
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	C	N6	
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	D	N6	OO
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	D	N6	LG2
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	G	N6	DG3 LE3
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	L	N6	SN1
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	R	N6	DG2 PN2 LG1
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	R	N6	SN2 LF3 LG3

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	N7	
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	A7	
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	N0	LG1 PC1
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	A8	SC2 SD1 SN1 IF1
06SN0500	I P	Penaeus aztecus	N	I	133	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	N7	LF1
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	A8	
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	N0	PC1 LF2
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	A8	
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	N0	DG1
06SN0500	I P	Penaeus aztecus	N	I	142	A0	C	N0	DG1
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	N6	
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	N0	SG1
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	A8	
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	N0	PC1
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	A8	SC1 SN1
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	144	A0	C	N0	SN3
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	N7	
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	N0	LG1 PC1
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	A8	
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	N0	PC1
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	A8	ST1 LF1
06SN0500	I P	Penaeus aztecus	N	I	138	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	N7	CE1
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	A8	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	A7	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	N0	
06SN0500	I P	Penaeus aztecus	N	I	140	A0	C	N0	DG2
06SN0500	I P	Penaeus aztecus	256	F M	44	A0	F	N6	SC1

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
07SN0500	Pitar cordatus	261	M	M	35	A0	D	N6	YP1
07SN0500	Pitar cordatus	261	M	M	35	A0	G	N6	PZ0 PZ3
07SN0500	Pitar cordatus	261	M	M	35	A0	G	N6	SB1 SF0 LG1
07SN0500	Pitar cordatus	261	M	M	35	A0	L	N6	SC1 SN1 PZ0 IF2
07SN0500	Pitar cordatus	261	M	M	35	A0	R	N6	
07SN0500	Pitar cordatus	262	M	M	35	A0	D	N6	YP2
07SN0500	Pitar cordatus	262	M	M	35	A0	G	N6	CU3
07SN0500	Pitar cordatus	262	M	M	35	A0	G	N6	DM1 NS1 SF0
07SN0500	Pitar cordatus	262	M	M	35	A0	L	N6	SC1 PZ2 AM1
07SN0500	Pitar cordatus	262	M	M	35	A0	R	N6	DM9
07SN0500	Pitar cordatus	263	M	M	35	A0	D	N6	DM3 YP1
07SN0500	Pitar cordatus	263	M	M	35	A0	G	N6	PZ1 CU0
07SN0500	Pitar cordatus	263	M	M	35	A0	G	N6	PN0 LG1 NS1 SB1 SF9
07SN0500	Pitar cordatus	263	M	M	35	A0	L	N6	PZ5 LF3 PZ2 DM9
07SN0500	Pitar cordatus	263	M	M	35	A0	R	N6	DM9
07SN0500	Pitar cordatus	264	M	M	35	A0	D	N6	
07SN0500	Pitar cordatus	264	M	M	35	A0	G	N6	DM9 PN0 SF9
07SN0500	Pitar cordatus	264	M	M	35	A0	L	N6	
07SN0500	Pitar cordatus	264	M	M	35	A0	R	N6	
07SN0500	Pitar cordatus	264	M	M	35	A0	R	N6	
07SN0500	Pitar cordatus	265	M	M	35	A0	D	N6	
07SN0500	Pitar cordatus	265	M	M	35	A0	G	N6	SC1
07SN0500	Pitar cordatus	265	M	M	35	A0	L	N6	DM1 PN0 SF9
07SN0500	Pitar cordatus	265	M	M	35	A0	R	N6	DM9 LF1 PZ1
07SN0500	Pitar cordatus	265	M	M	35	A0	R	N6	SN1
07SN0500	Portunus spinicarpus	226	M	M	60	A0	C	N6	
07SN0500	Portunus spinicarpus	226	M	M	60	A0	V	N6	V6
07SN0500	Portunus spinicarpus	226	M	M	60	A0	G	N6	LF1 LG1
07SN0500	Portunus spinicarpus	226	M	M	60	A0	N	N6	NR
07SN0500	Portunus spinicarpus	226	M	M	60	A0	L	N6	
07SN0500	Portunus spinicarpus	226	M	M	60	A0	R	N6	DG2
07SN0500	Portunus spinicarpus	226	M	M	60	A0	R	N6	
07SN0500	Portunus spinicarpus	227	M	M	56	A0	C	N6	
07SN0500	Portunus spinicarpus	227	M	M	56	A0	V	N6	V6
07SN0500	Portunus spinicarpus	227	M	M	56	A0	G	N6	LG3
07SN0500	Portunus spinicarpus	227	M	M	56	A0	L	N6	
07SN0500	Portunus spinicarpus	227	M	M	56	A0	R	N6	DG2
07SN0500	Portunus spinicarpus	227	M	M	56	A0	R	N6	
07SN0500	Portunus spinicarpus	228	M	U	56	A0	C	N6	
07SN0500	Portunus spinicarpus	228	M	U	56	A0	V	N6	V6
07SN0500	Portunus spinicarpus	228	M	U	56	A0	G	N6	LG1
07SN0500	Portunus spinicarpus	228	M	U	56	A0	L	N6	LG3
07SN0500	Portunus spinicarpus	228	M	U	56	A0	R	N6	DG1
07SN0500	Portunus spinicarpus	228	M	U	56	A0	R	N6	00
07SN0500	Portunus spinicarpus	229	F	U	53	A0	C	N6	
07SN0500	Portunus spinicarpus	229	F	U	53	A0	V	N6	V6
07SN0500	Portunus spinicarpus	229	F	U	53	A0	G	N6	LF2
07SN0500	Portunus spinicarpus	229	F	U	53	A0	L	N6	
07SN0500	Portunus spinicarpus	229	F	U	53	A0	R	N6	
07SN0500	Portunus spinicarpus	229	F	U	53	A0	R	N6	00
07SN0500	Portunus spinicarpus	230	M	U	48	A0	C	N6	
07SN0500	Portunus spinicarpus	230	M	U	48	A0	V	N6	V6
07SN0500	Portunus spinicarpus	230	M	U	48	A0	G	N6	LF0 LG0
07SN0500	Portunus spinicarpus	230	M	U	48	A0	L	N6	
07SN0500	Portunus spinicarpus	230	M	U	48	A0	R	N6	LG3
07SN0500	Portunus spinicarpus	230	M	U	48	A0	R	N6	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
07SN0500	I P	Portunus spinicarpus	230	M	U	48	A0	R	00	
07SN0500	I	Penaeus aztecus	221	M	I	143	A0	C	N7	
07SN0500	P	Penaeus aztecus	222	M	I	143	A0	D	AR	SG2
07SN0500	P	Penaeus aztecus	223	M	I	143	A0	F	AR	
07SN0500	P	Penaeus aztecus	224	M	I	143	A0	G	AR	LG1 PC1
07SN0500	P	Penaeus aztecus	225	M	I	143	A0	L	AR	SN1
07SN0500	P	Penaeus aztecus	226	M	I	143	A0	M	N7	
07SN0500	P	Penaeus aztecus	227	M	I	143	A0	R	N0	
07SN0500	I	Penaeus aztecus	228	M	I	142	A0	C	N7	
07SN0500	P	Penaeus aztecus	229	M	I	142	P8	D	N0	SG3 SN1 SC2
07SN0500	P	Penaeus aztecus	230	M	I	142	P8	E	A7	
07SN0500	P	Penaeus aztecus	231	M	I	142	P8	G	N0	FN1 LF2 PA1 PC1
07SN0500	P	Penaeus aztecus	232	M	I	142	P8	L	N0	SN1
07SN0500	P	Penaeus aztecus	233	M	I	142	P8	M	N0	SN1
07SN0500	P	Penaeus aztecus	234	M	I	142	P8	R	N0	SN1
07SN0500	I	Penaeus aztecus	235	F	M	150	A0	C	N7	
07SN0500	P	Penaeus aztecus	236	F	M	150	P9	D	N0	SG4
07SN0500	P	Penaeus aztecus	237	F	M	150	P9	E	A7	
07SN0500	P	Penaeus aztecus	238	F	M	150	P9	G	N0	LF1 PA1 PZ1
07SN0500	P	Penaeus aztecus	239	F	M	150	P9	L	A8	CE1 FN1 PA1
07SN0500	P	Penaeus aztecus	240	F	M	150	P9	M	N0	
07SN0500	P	Penaeus aztecus	241	F	M	150	P9	R	N0	
07SN0500	I	Penaeus aztecus	242	M	I	150	A0	C	N7	
07SN0500	P	Penaeus aztecus	243	M	I	150	A0	D	AR	IF1 SG3 SN1 LF3
07SN0500	P	Penaeus aztecus	244	M	I	150	A0	E	AR	
07SN0500	P	Penaeus aztecus	245	M	I	150	A0	G	N0	PC1
07SN0500	P	Penaeus aztecus	246	M	I	150	A0	L	AR	
07SN0500	P	Penaeus aztecus	247	M	I	150	A0	M	N0	DG2 SN1
07SN0500	P	Penaeus aztecus	248	M	I	150	A0	R	N0	SN2
07SN0500	I	Penaeus aztecus	249	M	I	142	A0	C	N7	
07SN0500	P	Penaeus aztecus	250	M	I	142	A0	D	N0	IF2 LG2 SG4 SN1
07SN0500	P	Penaeus aztecus	251	M	I	142	A0	E	A7	
07SN0500	P	Penaeus aztecus	252	M	I	142	A0	F	N0	LF1
07SN0500	P	Penaeus aztecus	253	M	I	142	A0	G	AR	SC1
07SN0500	P	Penaeus aztecus	254	M	I	142	A0	L	N0	
07SN0500	P	Penaeus aztecus	255	M	I	142	A0	M	N0	SN2 ST1

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	I	Pitar cordatus	266	M	M	38	A0	D	N6	DM9 LG3
08SN0500	I	Pitar cordatus	266	M	M	38	A0	F	N6	
08SN0500	I	Pitar cordatus	266	M	M	38	A0	F	N6	SC2
08SN0500	I	Pitar cordatus	266	M	M	38	A0	G	N6	PZ0
08SN0500	I	Pitar cordatus	266	M	M	38	A0	L	N6	PZ0 LG3 SC2 SN1 IF3 LF3
08SN0500	I	Pitar cordatus	266	M	M	38	A0	M	N6	DM9
08SN0500	I	Pitar cordatus	266	M	M	38	A0	R	N6	PZ2
08SN0500	I	Pitar cordatus	267	F	M	37	A0	D	N6	LG9
08SN0500	I	Pitar cordatus	267	F	M	37	A0	F	N6	CU0
08SN0500	I	Pitar cordatus	267	F	M	37	A0	G	N6	DM1 LG1
08SN0500	I	Pitar cordatus	267	F	M	37	A0	L	N6	PZ0 LF3 LG1
08SN0500	I	Pitar cordatus	267	F	M	37	A0	M	N6	LG1 DG2
08SN0500	I	Pitar cordatus	267	F	M	37	A0	R	N6	
08SN0500	I	Pitar cordatus	268	M	M	38	A0	D	N6	YP2
08SN0500	I	Pitar cordatus	268	M	M	38	A0	F	N6	LF1
08SN0500	I	Pitar cordatus	268	M	M	38	A0	F	N6	LG1
08SN0500	I	Pitar cordatus	268	M	M	38	A0	L	N6	
08SN0500	I	Pitar cordatus	268	M	M	38	A0	M	N6	
08SN0500	I	Pitar cordatus	268	M	M	38	A0	R	N6	SN2 DG1 LF1 IF2
08SN0500	I	Pitar cordatus	269	M	M	37	A0	D	N6	LG9 YP1
08SN0500	I	Pitar cordatus	269	M	M	37	A0	F	N6	
08SN0500	I	Pitar cordatus	269	M	M	37	A0	G	N6	NS1 SB9 LG3
08SN0500	I	Pitar cordatus	269	M	M	37	A0	L	N6	SN1
08SN0500	I	Pitar cordatus	269	M	M	37	A0	M	N6	SN2 PZ2
08SN0500	I	Pitar cordatus	269	M	M	37	A0	R	N6	
08SN0500	I	Pitar cordatus	270	M	M	38	A0	D	N6	LG9
08SN0500	I	Pitar cordatus	270	M	M	38	A0	F	N6	
08SN0500	I	Pitar cordatus	270	M	M	38	A0	F	N6	ST1
08SN0500	I	Pitar cordatus	270	M	M	38	A0	G	N6	PNO
08SN0500	I	Pitar cordatus	270	M	M	38	A0	L	N6	PZ0
08SN0500	I	Pitar cordatus	270	M	M	38	A0	M	N6	SF9
08SN0500	I	Pitar cordatus	270	M	M	38	A0	R	N6	PZ5
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	C	N6	
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	D	N6	
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	F	N6	ST1
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	G	N6	CU3 BA9
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	L	N6	LF0
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	M	N6	DG1 PNO
08SN0500	I	Portunus gibbesii	236	M	M	40	A0	R	N6	
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	C	N6	
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	D	N6	
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	F	N6	PNO
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	G	N6	
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	L	N6	EE1
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	M	N6	LF0
08SN0500	I	Portunus gibbesii	237	M	M	43	A0	R	N6	DG2 PN3
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	C	N6	
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	D	N6	AM2
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	F	N6	OD
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	G	N6	PC1 EE2
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	L	N6	
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	M	N6	
08SN0500	I	Portunus gibbesii	238	M	M	40	A0	R	N6	
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	C	N6	
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	D	N6	
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	F	N6	
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	G	N6	LF1
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	L	N6	
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	M	N6	PN2
08SN0500	I	Portunus gibbesii	239	M	M	40	A0	R	N6	
08SN0500	I	Portunus gibbesii	240	M	M	48	A0	C	N6	
08SN0500	I	Portunus gibbesii	240	M	M	48	A0	D	N6	
08SN0500	I	Portunus gibbesii	240	M	M	48	A0	F	N6	
08SN0500	I	Portunus gibbesii	240	M	M	48	A0	G	N6	LG2
08SN0500	I	Portunus gibbesii	240	M	M	48	A0	L	N6	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	I	P	240	M	M	48	A0	M	N6	
08SN0500	I	P	240	M	M	48	A0	R	N6	
08SN0500	I	P	231	M	I	109	A0	C	N7	
08SN0500	I	P	231	M	I	109	A0	A	N8	LG1
08SN0500	I	P	231	M	I	109	A0	C	N8	SN1
08SN0500	I	P	231	M	I	109	A0	C	N8	PA1 FN1
08SN0500	I	P	231	M	I	109	A0	L	N8	
08SN0500	I	P	231	M	I	109	A0	L	N8	
08SN0500	I	P	231	M	I	109	A0	L	N8	
08SN0500	I	P	231	M	I	109	A0	R	N0	LG3
08SN0500	I	P	231	M	I	109	A0	R	N0	FN1
08SN0500	I	P	233	F	I	137	A0	C	N7	
08SN0500	I	P	233	F	I	137	A0	D	N0	
08SN0500	I	P	233	F	I	137	A0	D	N0	
08SN0500	I	P	233	F	I	137	A0	D	N0	
08SN0500	I	P	233	F	I	137	A0	L	N0	PA1 FN1
08SN0500	I	P	233	F	I	137	A0	L	N0	SN1
08SN0500	I	P	233	F	I	137	A0	R	N0	DG1 FN2 LF1 PA1
08SN0500	I	P	233	F	I	137	A0	R	N0	
08SN0500	I	P	233	M	I	107	A0	C	N7	
08SN0500	I	P	233	M	I	107	A0	D	N0	SG1
08SN0500	I	P	233	M	I	107	A0	D	N0	
08SN0500	I	P	233	M	I	107	A0	L	N0	LF2 FN2 IF1
08SN0500	I	P	233	M	I	107	A0	L	N0	
08SN0500	I	P	233	M	I	107	A0	L	N7	
08SN0500	I	P	233	M	I	107	A0	R	N0	
08SN0500	I	P	234	F	I	116	A0	C	N7	
08SN0500	I	P	234	F	I	116	A0	D	N0	SG1
08SN0500	I	P	234	F	I	116	A0	D	N0	
08SN0500	I	P	234	F	I	116	A0	L	N0	
08SN0500	I	P	234	F	I	116	A0	L	N0	
08SN0500	I	P	234	F	I	116	A0	L	N0	
08SN0500	I	P	234	F	I	116	A0	R	N0	
08SN0500	I	P	235	F	I	142	A0	C	N7	
08SN0500	I	P	235	F	I	142	A0	D	N0	SG1 IF1 LF1
08SN0500	I	P	235	F	I	142	A0	D	N0	
08SN0500	I	P	235	F	I	142	A0	C	N0	LF2 PC1 FN1
08SN0500	I	P	235	F	I	142	A0	L	N8	SN1
08SN0500	I	P	235	F	I	142	A0	L	N0	
08SN0500	I	P	235	F	I	142	A0	R	N0	SN1

Site	Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist
09SN0500	Pitar cordatus	271	M	M	37	A0	D	N6	YP2
09SN0500	Pitar cordatus	271	M	M	37	A0	A0	N6	
09SN0500	Pitar cordatus	271	M	M	37	A0	G	N6	NS1 PN4 SH0 LF1
09SN0500	Pitar cordatus	271	M	M	37	A0	M	N6	PZ1
09SN0500	Pitar cordatus	271	M	M	37	A0	R	N6	
09SN0500	Pitar cordatus	272	F	M	38	A0	D	N6	YP3
09SN0500	Pitar cordatus	272	F	M	38	A0	A0	N6	
09SN0500	Pitar cordatus	272	F	M	38	A0	G	N6	NS0 LG3 MA4
09SN0500	Pitar cordatus	272	F	M	38	A0	L	N6	
09SN0500	Pitar cordatus	272	F	M	38	A0	M	N6	
09SN0500	Pitar cordatus	272	F	M	38	A0	R	N6	
09SN0500	Pitar cordatus	273	F	M	39	A0	D	N6	YP2
09SN0500	Pitar cordatus	273	F	M	39	A0	A0	N6	
09SN0500	Pitar cordatus	273	F	M	39	A0	G	N6	NS1 SF9
09SN0500	Pitar cordatus	273	F	M	39	A0	L	N6	PZ5
09SN0500	Pitar cordatus	273	F	M	39	A0	M	N6	
09SN0500	Pitar cordatus	273	F	M	39	A0	R	N6	PZ2
09SN0500	Pitar cordatus	274	F	M	38	A0	D	N6	
09SN0500	Pitar cordatus	274	F	M	38	A0	A0	N6	PZ1
09SN0500	Pitar cordatus	274	F	M	38	A0	G	N6	NS1 SF9
09SN0500	Pitar cordatus	274	F	M	38	A0	L	N6	PZ1 PZ3
09SN0500	Pitar cordatus	274	F	M	38	A0	M	N6	
09SN0500	Pitar cordatus	274	F	M	38	A0	R	N6	
09SN0500	Pitar cordatus	275	F	M	33	A0	D	N6	
09SN0500	Pitar cordatus	275	F	M	33	A0	A0	N6	
09SN0500	Pitar cordatus	275	F	M	33	A0	G	N6	LG1 SF9
09SN0500	Pitar cordatus	275	F	M	33	A0	L	N6	
09SN0500	Pitar cordatus	275	F	M	33	A0	M	N6	
09SN0500	Pitar cordatus	275	F	M	33	A0	R	N6	DG1 LG1
09SN0500	Portunus spinicarpus	246	M	M	62	A0	C	N6	
09SN0500	Portunus spinicarpus	246	M	M	62	A0	D	N6	
09SN0500	Portunus spinicarpus	246	M	M	62	A0	E	N6	LG2
09SN0500	Portunus spinicarpus	246	M	M	62	A0	G	N7	LG3
09SN0500	Portunus spinicarpus	246	M	M	62	A0	L	N6	LF2 PZ3
09SN0500	Portunus spinicarpus	246	M	M	62	A0	M	N6	
09SN0500	Portunus spinicarpus	246	M	M	62	A0	R	N6	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	C	N6	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	D	N6	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	E	N6	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	G	N7	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	L	N6	LG4
09SN0500	Portunus spinicarpus	247	U	U	58	A0	M	N6	
09SN0500	Portunus spinicarpus	247	U	U	58	A0	R	N6	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	C	N6	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	D	N6	LF0
09SN0500	Portunus spinicarpus	248	M	M	59	A0	E	N6	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	G	N8	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	L	N6	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	M	N6	
09SN0500	Portunus spinicarpus	248	M	M	59	A0	R	N6	
09SN0500	Portunus spinicarpus	249	F	M	54	A0	C	N6	
09SN0500	Portunus spinicarpus	249	F	M	54	A0	D	N6	
09SN0500	Portunus spinicarpus	249	F	M	54	A0	E	N6	
09SN0500	Portunus spinicarpus	249	F	M	54	A0	G	N6	LF4 SN1
09SN0500	Portunus spinicarpus	249	F	M	54	A0	L	N6	DG2
09SN0500	Portunus spinicarpus	249	F	M	54	A0	M	N6	LF3
09SN0500	Portunus spinicarpus	249	F	M	54	A0	R	N6	
09SN0500	Portunus spinicarpus	250	M	U	59	A0	C	N6	
09SN0500	Portunus spinicarpus	250	M	U	59	A0	D	N6	SG1 LG1
09SN0500	Portunus spinicarpus	250	M	U	59	A0	E	N6	
09SN0500	Portunus spinicarpus	250	M	U	59	A0	G	N8	
09SN0500	Portunus spinicarpus	250	M	U	59	A0	L	N9	
09SN0500	Portunus spinicarpus	250	M	U	59	A0	M	N6	DG1
09SN0500	Portunus spinicarpus	250	M	U	59	A0	R	N6	LG5 NP9



Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	D	N6 DM1 FN2
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	E	N6
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	F	N6 DM9
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	L	N6 DM1
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	R	N6 DM3
10SN0500	I	P	Ostrea equestris	276	F	M	53	A0	R	N6
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	D	N6 DM9
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	E	N6
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	F	N6 DM9
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	L	N6 DM1
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	M	N6 DM9 LG1
10SN0500	I	P	Ostrea equestris	277	H	U	54	A0	R	N6
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	D	N6 DM1 LG3
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	E	N6 V6
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	F	N6 DM0 MC9
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	L	N6 DM1
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	M	N6 DM9 LG1
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	R	N6
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	D	N6 DM1 LG3
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	E	N6
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	F	N6 DM0
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	L	N6 DM1
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	M	N6 DM9 LG1
10SN0500	I	P	Ostrea equestris	279	H	M	41	A0	R	N6 DM9
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	D	N6 DM1 LG3
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	E	N6
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	F	N6
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	L	N6 DM1
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	M	N6 DM3
10SN0500	I	P	Ostrea equestris	280	H	M	32	A0	R	N6

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	D	8	DM0 LG4
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	G	8	ST5
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	G	8	DM9 MC9
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	L	8	DM1 ST1
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	R	8	ST5 DM3 LG1
11SN0500	I	P	Ostrea equestris	281	U	U	51	T8	R	8	ST5
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	D	N6	DM0 LG4
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	G	N6	
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	G	N6	MC9 LG3
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	L	N6	DM1
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	R	N6	DM3 LG3
11SN0500	I	P	Ostrea equestris	282	M	U	51	A0	R	N6	
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	D	N6	DM0 LG2
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	D	N6	PN9 MC0
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	L	N6	DM1 MC9 LG2
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	L	N6	DM1
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	R	N6	
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	D	N6	DM0 LG2
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	D	N6	
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	L	N6	DM4
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	L	N6	DM1
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	R	N6	DM3
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	R	N6	DM1
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	D	N6	DM0 LG2 MC9
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	D	N6	LG3
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	L	N6	DM0 MC9 LG2
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	L	N6	DM1
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	R	N6	PZ0 DM1 LG3
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	R	N6	

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	D	N6
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	G	N6
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	L	N6
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	M	N6
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	R	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	D	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	E	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	G	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	L	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	M	N6
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	R	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	D	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	E	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	G	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	L	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	M	N6
12SN0500	I	P	Noetia ponderosa	288	F	M	32	A0	R	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	D	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	E	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	G	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	L	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	M	N6
12SN0500	I	P	Noetia ponderosa	289	F	M	30	A0	R	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	D	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	E	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	G	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	L	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	M	N6
12SN0500	I	P	Noetia ponderosa	290	M	M	27	A0	R	N6



Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
13SN0500	I	Pitar cordatus	311	F	M	043	A0	D	N6	YP4 DM4
13SN0500	I	Pitar cordatus	311	F	M	043	A0	G	N6	
13SN0500	I	Pitar cordatus	311	F	M	043	A0	L	N6	
13SN0500	I	Pitar cordatus	311	F	M	043	A0	M	N6	SN1 SC5 PZ1 LF5 LG2 YP4 IF2 IF5
13SN0500	I	Pitar cordatus	311	F	M	043	A0	R	N6	SN1
13SN0500	I	Pitar cordatus	311	F	M	42	A0	F	N6	SC1
13SN0500	I	Pitar cordatus	311	F	M	042	A0	D	N6	LF3 DM2 YP1
13SN0500	I	Pitar cordatus	311	F	M	042	A0	L	N6	
13SN0500	I	Pitar cordatus	311	F	M	042	A0	M	N6	SC5 IF2
13SN0500	I	Pitar cordatus	311	F	M	042	A0	R	N6	SN1 IF3
13SN0500	I	Pitar cordatus	313	F	M	042	A0	D	N6	YP5 PZ DM2
13SN0500	I	Pitar cordatus	313	F	M	042	A0	G	N6	LF0
13SN0500	I	Pitar cordatus	313	F	M	042	A0	L	N6	CU1 SC2
13SN0500	I	Pitar cordatus	313	F	M	042	A0	M	N6	
13SN0500	I	Pitar cordatus	313	F	M	042	A0	R	N6	SC3 LF3 YP5
13SN0500	I	Pitar cordatus	313	F	M	042	A0	R	N6	LF3
13SN0500	I	Pitar cordatus	314	F	M	042	A0	D	N6	YP5 LF2
13SN0500	I	Pitar cordatus	314	F	M	042	A0	G	N6	
13SN0500	I	Pitar cordatus	314	F	M	042	A0	L	N6	PZ8
13SN0500	I	Pitar cordatus	314	F	M	042	A0	M	N6	AM1
13SN0500	I	Pitar cordatus	314	F	M	042	A0	R	N6	SN1 FN2
13SN0500	I	Pitar cordatus	315	F	M	040	A0	D	N6	FN9 YP3
13SN0500	I	Pitar cordatus	315	F	M	040	A0	G	N6	
13SN0500	I	Pitar cordatus	315	F	M	040	A0	L	N6	LF2 LG3
13SN0500	I	Pitar cordatus	315	F	M	040	A0	M	N6	
13SN0500	I	Pitar cordatus	315	F	M	040	A0	R	N6	SC1 DG4
13SN0500	I	Callinectes similis	306	F	U	092	A0	C	N6	LF9
13SN0500	I	Callinectes similis	306	F	U	092	A0	D	N6	OO
13SN0500	I	Callinectes similis	306	F	U	092	A0	G	N6	LG1
13SN0500	I	Callinectes similis	306	F	U	092	A0	L	N6	
13SN0500	I	Callinectes similis	306	F	U	092	A0	M	N6	LF2 PZ3
13SN0500	I	Callinectes similis	306	F	U	092	A0	R	N6	LG0 SD0
13SN0500	I	Callinectes similis	307	M	M	090	A0	C	N6	
13SN0500	I	Callinectes similis	307	M	M	090	A0	D	N6	
13SN0500	I	Callinectes similis	307	M	M	090	A0	G	N6	HP0
13SN0500	I	Callinectes similis	307	M	M	090	A0	L	N6	LP9
13SN0500	I	Callinectes similis	307	M	M	090	A0	M	N6	PN0
13SN0500	I	Callinectes similis	307	M	M	090	A0	R	N6	
13SN0500	I	Callinectes similis	308	F	U	071	A0	C	N6	PN3
13SN0500	I	Callinectes similis	308	F	U	071	A0	D	N6	OO
13SN0500	I	Callinectes similis	308	F	U	071	A0	G	N6	DG2
13SN0500	I	Callinectes similis	308	F	U	071	A0	L	N6	CU1 LG2
13SN0500	I	Callinectes similis	308	F	U	071	A0	M	N6	
13SN0500	I	Callinectes similis	308	F	U	071	A0	R	N6	PN0
13SN0500	I	Callinectes similis	308	F	U	071	A0	R	N6	V6
13SN0500	I	Callinectes similis	309	F	I	080	A0	C	N6	PN3
13SN0500	I	Callinectes similis	309	F	I	080	A0	D	N6	
13SN0500	I	Callinectes similis	309	F	I	080	A0	G	N6	
13SN0500	I	Callinectes similis	309	F	I	080	A0	L	N6	
13SN0500	I	Callinectes similis	309	F	I	080	A0	M	N6	
13SN0500	I	Callinectes similis	309	F	I	080	A0	R	N6	DG3 LG2
13SN0500	I	Callinectes similis	310	F	I	058	A0	C	N6	PN4
13SN0500	I	Callinectes similis	310	F	I	058	A0	D	N6	V6
13SN0500	I	Callinectes similis	310	F	I	058	A0	G	N6	LG1
13SN0500	I	Callinectes similis	310	F	I	058	A0	L	N6	HP0 LF2

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	M	NR	PNO
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	R	DO	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	C	NO	PA1
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	C	NO	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	C	NO	DG1
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	L	A9	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	M	NO	DG1
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	R	NO	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	C	NO	LF1
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	C	NO	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	C	NO	LF1
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	C	NO	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	L	A9	SD3
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	M	NO	DG1
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	R	NO	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	C	NO	LF1
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	D	NO	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	E	NO	PC1
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	G	NO	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	L	NO	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	R	NO	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	C	NO	PC2
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	D	NO	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	E	NO	L63
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	F	NO	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	G	NO	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	L	AR	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	M	NO	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	R	NO	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	C	NO	L62
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	D	NO	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	E	NO	PC1
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	F	NO	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	L	A9	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	M	NO	DG1
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	R	NO	SN1

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Site		Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	C	NO
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	D	NO
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	E	NO
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	F	NO
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	G	LF2
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	L	LG3
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	M	NO
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	R	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	B	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	D	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	E	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	F	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	G	LF1 PC1 SE1
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	L	A7
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	M	NO
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	R	NO
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	C	NO
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	D	NO
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	E	NO
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	F	NO
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	G	LF1 PA1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	L	LF1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	M	LF1 PA1 SN1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	R	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	B	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	D	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	E	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	F	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	G	LF1 PC1
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	L	LG3
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	M	NO
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	R	NO
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	C	NO
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	D	NO
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	E	NO
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	F	NO
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	G	LF1 SC1
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	L	LF2
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	M	LF3
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	R	NO

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Site	Sex	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	D	N6	YP5
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	D	N6	DG0 LG0
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	L	N6	
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	L	N6	PZ8 SCI IF0 YP5
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	M	N6	DM9 MA5 AH9
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	R	U0	DG5
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	D	N6	YP5
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	E	N6	
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	G	N6	LG3
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	L	N6	YP1
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	L	N6	MA2
15SN0500	I	P	Pitar cordatus	342	F	M	039	T9	R	N6	
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	D	N6	YP3
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	E	N6	
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	G	N6	LG3
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	L	N6	PZ1 SCI YP1
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	M	N6	DM3 PNI MA2
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	R	U0	
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	D	N6	YP4
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	E	N6	
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	G	N6	
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	L	N6	YP2
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	M	N6	
15SN0500	I	P	Pitar cordatus	344	M	M	033	A0	R	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	D	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	E	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	G	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	L	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	M	N6	
15SN0500	I	P	Pitar cordatus	345	M	M	034	C9	R	N6	
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	C	N6	
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	D	N6	
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	E	N6	LG1
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	G	N6	HPO
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	L	N6	LF2
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	M	N7	
15SN0500	I	P	Callinectes similis	336	M	M	072	A0	R	N6	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	C	N6	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	D	V6	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	E	N6	LG1
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	G	N6	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	L	N7	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	M	N7	
15SN0500	I	P	Callinectes similis	337	M	M	075	A0	R	N6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	C	N6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	D	V6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	E	N6	LG2
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	G	N6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	L	N6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	M	N6	
15SN0500	I	P	Callinectes similis	338	M	U	069	A0	R	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	C	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	D	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	E	N6	LG1
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	G	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	L	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	M	N6	
15SN0500	I	P	Callinectes similis	339	M	U	063	A0	R	N6	
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	C	N6	
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	D	N6	
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	E	N6	LG2
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	G	N6	HP1
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	L	N6	
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	M	N6	DG3 AM0
15SN0500	I	P	Callinectes similis	340	F	U	063	A0	R	N6	

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Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	C	NO	
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	D	NO	LG3 SG3
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	F	NO	
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	G	NO	LF2
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	L	AB	SF1
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	M	NO	
15SN0500	I	P	Penaeus aztecus	3331	F	M	212	A0	R	NO	
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	C	NO	
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	D	NO	SG3
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	F	NO	
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	G	NO	LF1
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	L	AB	SF3
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	M	NO	
15SN0500	I	P	Penaeus aztecus	3333	F	M	219	A0	R	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	C	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	D	NO	SG1
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	F	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	G	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	L	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	I	163	A0	M	NO	SN1
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	C	NO	LF2
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	D	NO	LF3
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	F	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	G	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	L	AB	LF1 SN1
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	M	NO	
15SN0500	I	P	Penaeus aztecus	3334	M	M	174	A0	R	NO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	C	OO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	D	NO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	F	NO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	G	OO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	L	AB	PA1 SF1 SN1
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	M	NO	
15SN0500	I	P	Penaeus aztecus	3335	M	M	156	A0	R	NO	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	D	N6	LF3
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	D	N6	
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	D	N6	PZ1
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	L	N6	
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	M	N6	DM9 AM1
16SN0500	I	p	Pitar cordatus	356	F	M	033	A0	R	N6	
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	F	N6	SC1
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	D	N6	YP1 LG2
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	D	N6	
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	G	N6	
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	M	N6	
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	R	N6	DM9 AM1
16SN0500	I	p	Pitar cordatus	357	M	M	026	A0	R	N6	
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	D	N6	
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	D	N6	
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	G	N6	
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	L	N6	PZ8
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	M	N6	DM9
16SN0500	I	p	Pitar cordatus	358	M	M	026	A0	R	N6	
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	D	N6	LF3 FN4
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	D	N6	PZ1
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	G	N6	
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	L	N6	LF5 AM0
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	M	N6	DM3
16SN0500	I	p	Pitar cordatus	359	M	M	027	A0	R	N6	
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	D	N6	
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	D	N6	PZ3
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	D	N6	LF2
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	L	N6	
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	M	N6	
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	R	N6	AM1
16SN0500	I	p	Pitar cordatus	360	F	M	024	A0	R	N6	
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	C	N6	
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	D	N6	LG2
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	D	N6	LG1
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	D	N6	FN2 IF4
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	J	N6	
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	R	N6	
16SN0500	I	p	Callinectes similis	351	M	U	089	A0	R	N6	00
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	C	N6	
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	D	N6	
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	D	N6	LG1
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	D	N6	CU1
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	L	N6	
16SN0500	I	p	Callinectes similis	352	M	U	092	A0	R	N6	
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	C	N6	
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	D	N6	
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	D	N6	LG1 LF3
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	G	N6	
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	L	N6	
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	M	N6	CU1
16SN0500	I	p	Callinectes similis	353	M	U	084	A0	R	N6	00
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	C	N6	CU3
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	D	N6	
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	D	N6	00
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	D	N6	CU4 IF0
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	L	N6	
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	M	N6	
16SN0500	I	p	Callinectes similis	354	M	U	087	A0	R	N6	00
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	C	N6	
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	D	N6	
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	D	N6	00
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	D	N6	FN4 IF5 HP4 PE5 SE0
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	L	N6	
16SN0500	I	p	Callinectes similis	355	M	U	088	A0	R	N6	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
16SN0500	I	P	Callinectes similis	355	M	U	088	A0	R	00	
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	C	NO	
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	D	NO	SG4
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	E	NO	LF1
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	G	NO	PA1 PC1 PZ1
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	L	A7	SN1
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	M	NO	
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	R	NO	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	C	NO	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	D	NO	SG2
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	E	V8	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	G	NO	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	L	A7	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	M	NO	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	R	NO	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	C	NO	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	D	NO	SG1
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	E	NO	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	G	NO	PC3 SH1
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	L	A7	SC3 IF3
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	M	NO	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	C	NO	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	D	NO	FN1
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	E	NO	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	G	NO	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	L	A8	SC1
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	M	NO	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	R	NO	SC1
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	C	NO	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	D	NO	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	E	NO	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	G	NO	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	L	A8	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	M	NO	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	R	NO	

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	C	N0
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	D	N0
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	G	N0
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	F	N0
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	L	A7
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	M	N0
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	R	N0
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	C	N0
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	D	N0
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	G	N0
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	F	N0
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	L	A9
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	M	N7
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	R	N0
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	C	N0
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	D	N0
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	E	V7
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	G	N0
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	L	A9
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	M	N7
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	R	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	C	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	D	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	G	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	F	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	L	A7
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	M	N0
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	R	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	C	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	D	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	G	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	F	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	L	A7
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	M	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	R	N0
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	T	N0

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
18SN0500	I	p	Anadara ovalis	386	M	M	037	A0	D	N6	MC4 SC8
18SN0500	I	pp	Anadara ovalis	386	M	M	037	A0	G	N6	LG3
18SN0500	I	pp	Anadara ovalis	386	M	M	037	A0	G	N6	EE3 PZ0
18SN0500	I	pp	Anadara ovalis	386	M	M	037	A0	L	N6	MC4 SN1
18SN0500	I	p	Anadara ovalis	386	M	M	037	A0	R	N7	
18SN0500	I	p	Anadara ovalis	386	M	M	037	A0	R	N6	YP4
18SN0500	I	p	Anadara ovalis	387	F	M	033	A0	F	N6	SC1
18SN0500	I	pp	Anadara ovalis	387	F	M	033	A0	D	N6	MC4 SC8
18SN0500	I	pp	Anadara ovalis	387	F	M	033	A0	N6	N6	LG3
18SN0500	I	pp	Anadara ovalis	387	F	M	033	A0	G	N6	PZ1 EE2 HT1
18SN0500	I	pp	Anadara ovalis	387	F	M	033	A0	G	N6	MC4
18SN0500	I	p	Anadara ovalis	387	F	M	033	A0	M	N7	
18SN0500	I	p	Anadara ovalis	387	F	M	033	A0	R	N6	
18SN0500	I	p	Anadara ovalis	388	F	M	031	A0	D	N6	MC4
18SN0500	I	pp	Anadara ovalis	388	F	M	031	A0	N6	N6	LG4
18SN0500	I	pp	Anadara ovalis	388	F	M	031	A0	G	N6	SC1
18SN0500	I	pp	Anadara ovalis	388	F	M	031	A0	G	N6	ST1 EE1
18SN0500	I	pp	Anadara ovalis	388	F	M	031	A0	G	N6	SC6 MC4
18SN0500	I	pp	Anadara ovalis	388	F	M	031	A0	N7	N6	
18SN0500	I	p	Anadara ovalis	388	F	M	031	A0	R	N6	SC1 SN1
18SN0500	I	p	Anadara ovalis	389	F	M	027	A0	D	N6	MC4 SC5
18SN0500	I	pp	Anadara ovalis	389	F	M	027	A0	N6	N6	
18SN0500	I	pp	Anadara ovalis	389	F	M	027	A0	G	N6	ST1 PZ2 CU0
18SN0500	I	pp	Anadara ovalis	389	F	M	027	A0	N6	N6	MC4 SC1
18SN0500	I	p	Anadara ovalis	389	F	M	027	A0	R	N6	
18SN0500	I	p	Anadara ovalis	389	F	M	027	A0	R	N6	SN3 SC2
18SN0500	I	p	Anadara ovalis	390	F	M	038	A0	D	N6	MC4 SC5
18SN0500	I	pp	Anadara ovalis	390	F	M	038	A0	N6	N6	
18SN0500	I	pp	Anadara ovalis	390	F	M	038	A0	G	N6	PZ4 EE0 LF4 HP2
18SN0500	I	pp	Anadara ovalis	390	F	M	038	A0	N6	N6	MC4 SC4
18SN0500	I	p	Anadara ovalis	390	F	M	038	A0	R	N6	
18SN0500	I	p	Anadara ovalis	390	F	M	038	A0	R	N6	SN1
18SN0500	I	p	Callinectes similis	381	M	U	068	A0	C	N6	LF4
18SN0500	I	pp	Callinectes similis	381	M	U	068	A0	N6	N6	
18SN0500	I	pp	Callinectes similis	381	M	U	068	A0	G	N6	LG3
18SN0500	I	pp	Callinectes similis	381	M	U	068	A0	N7	N7	F13 IF0
18SN0500	I	pp	Callinectes similis	381	M	U	068	A0	N7	N7	
18SN0500	I	p	Callinectes similis	381	M	U	068	A0	M	N6	
18SN0500	I	p	Callinectes similis	381	M	U	068	A0	R	N6	DG2 LG3
18SN0500	I	p	Callinectes similis	382	F	M	072	A0	C	N6	PN2
18SN0500	I	pp	Callinectes similis	382	F	M	072	A0	D	N6	
18SN0500	I	pp	Callinectes similis	382	F	M	072	A0	N7	N7	
18SN0500	I	pp	Callinectes similis	382	F	M	072	A0	G	N6	PN3 LG2 EE0 LF4
18SN0500	I	pp	Callinectes similis	382	F	M	072	A0	N6	N6	FN4 IF5 LG2
18SN0500	I	p	Callinectes similis	382	F	M	072	A0	R	N6	
18SN0500	I	p	Callinectes similis	382	F	M	072	A0	R	N6	DG3 IF3
18SN0500	I	p	Callinectes similis	383	M	U	062	A0	C	N6	PN2
18SN0500	I	pp	Callinectes similis	383	M	U	062	A0	D	N6	PN4 V6
18SN0500	I	pp	Callinectes similis	383	M	U	062	A0	N6	N6	PN3
18SN0500	I	pp	Callinectes similis	383	M	U	062	A0	N8	N8	
18SN0500	I	pp	Callinectes similis	383	M	U	062	A0	N6	N6	F10 PN0
18SN0500	I	p	Callinectes similis	383	M	U	062	A0	R	N6	PN2
18SN0500	I	p	Callinectes similis	383	M	U	062	A0	R	N6	DG4 LG2
18SN0500	I	p	Callinectes similis	384	F	I	067	A0	C	N6	LF2 PN2
18SN0500	I	pp	Callinectes similis	384	F	I	067	A0	D	N6	PN2
18SN0500	I	pp	Callinectes similis	384	F	I	067	A0	N6	N6	PN2
18SN0500	I	pp	Callinectes similis	384	F	I	067	A0	N7	N7	
18SN0500	I	pp	Callinectes similis	384	F	I	067	A0	N8	N8	
18SN0500	I	p	Callinectes similis	384	F	I	067	A0	M	N6	LF1 SD0
18SN0500	I	p	Callinectes similis	384	F	I	067	A0	R	N6	DG2 LG3
18SN0500	I	p	Callinectes similis	385	M	U	075	A0	C	N6	PN2 LF9
18SN0500	I	pp	Callinectes similis	385	M	U	075	A0	N6	N6	PN3
18SN0500	I	pp	Callinectes similis	385	M	U	075	A0	N6	N6	LG1 PN2
18SN0500	I	pp	Callinectes similis	385	M	U	075	A0	N7	N7	
18SN0500	I	p	Callinectes similis	385	M	U	075	A0	L	N6	EE3

Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
18SN0500	I	P	Callinectes similis	385	M	U	075	A0	M	N6	PN2
18SN0500	I	P	Callinectes similis	385	M	U	075	A0	R	N6	DG5 LG3
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	C	N0	
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	D	N0	
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	F	N0	
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	L	N0	LF3
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	M	N0	
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	R	V7	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	C	N0	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	D	N0	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	E	N0	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	G	N0	LF2
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	L	N0	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	M	N0	
18SN0500	I	P	Trachypenaeus similis	377	F	U	078	D1	R	N0	
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	C	N0	
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	D	N0	SG1
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	E	N0	
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	G	N0	DG1
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	L	A7	
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	M	N0	
18SN0500	I	P	Trachypenaeus similis	378	F	U	082	D1	R	N0	
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	C	N0	LF1
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	D	N0	
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	E	N0	LF2 LG3
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	G	N0	LF1
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	L	N0	SC1
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	M	N0	
18SN0500	I	P	Trachypenaeus similis	379	F	U	078	A0	R	N0	
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	C	N0	LF1
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	D	V7	
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	E	N0	
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	F	N0	LF2
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	G	N0	FN1
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	M	N0	
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	R	N0	

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
19SN0500	Crassostrea virginica	401	M	M	105	A0	D	N6	
19SN0500	Crassostrea virginica	401	M	M	105	A0	F	N0	
19SN0500	Crassostrea virginica	401	M	M	105	A0	L	N7	
19SN0500	Crassostrea virginica	401	M	M	105	A0	L	N6	
19SN0500	Crassostrea virginica	401	M	M	105	A0	L	N8	
19SN0500	Crassostrea virginica	401	M	M	105	A0	R	N6	
19SN0500	Crassostrea virginica	402	M	M	090	A0	D	N7	MC4
19SN0500	Crassostrea virginica	402	M	M	090	A0	L	N7	
19SN0500	Crassostrea virginica	402	M	M	090	A0	G	N7	
19SN0500	Crassostrea virginica	402	M	M	090	A0	L	N7	MC4
19SN0500	Crassostrea virginica	402	M	M	090	A0	R	N9	
19SN0500	Crassostrea virginica	402	M	M	090	A0	R	N6	
19SN0500	Crassostrea virginica	403	M	M	090	A0	D	N7	MC4
19SN0500	Crassostrea virginica	403	M	M	090	A0	F	N8	
19SN0500	Crassostrea virginica	403	M	M	090	A0	G	N7	
19SN0500	Crassostrea virginica	403	M	M	090	A0	L	N7	MC4
19SN0500	Crassostrea virginica	403	M	M	090	A0	L	N9	
19SN0500	Crassostrea virginica	403	M	M	090	A0	R	N6	
19SN0500	Crassostrea virginica	404	M	M	083	A0	D	N8	MC4
19SN0500	Crassostrea virginica	404	M	M	083	A0	L	N8	
19SN0500	Crassostrea virginica	404	M	M	083	A0	G	N7	
19SN0500	Crassostrea virginica	404	M	M	083	A0	L	N7	
19SN0500	Crassostrea virginica	404	M	M	083	A0	L	N9	
19SN0500	Crassostrea virginica	404	M	M	083	A0	R	N6	
19SN0500	Crassostrea virginica	405	F	M	044	A0	D	N6	MC0
19SN0500	Crassostrea virginica	405	F	M	044	A0	L	V8	
19SN0500	Crassostrea virginica	405	F	M	044	A0	G	N6	
19SN0500	Crassostrea virginica	405	F	M	044	A0	L	N6	
19SN0500	Crassostrea virginica	405	F	M	044	A0	M	N8	
19SN0500	Crassostrea virginica	405	F	M	044	A0	R	N8	
19SN0500	Callinectes sapidus	396	F	I	136	A0	C	N6	
19SN0500	Callinectes sapidus	396	F	I	136	A0	D	V6	
19SN0500	Callinectes sapidus	396	F	I	136	A0	F	N6	LG2
19SN0500	Callinectes sapidus	396	F	I	136	A0	G	N6	LF4
19SN0500	Callinectes sapidus	396	F	I	136	A0	L	N6	RY0
19SN0500	Callinectes sapidus	396	F	I	136	A0	L	N6	CE1
19SN0500	Callinectes sapidus	396	F	I	136	A0	M	N6	EE0
19SN0500	Callinectes sapidus	396	F	I	136	A0	R	N6	LF3
19SN0500	Callinectes sapidus	396	F	I	136	A0	R	N6	PC1
19SN0500	Callinectes sapidus	397	F	M	159	A0	C	N6	
19SN0500	Callinectes sapidus	397	F	M	159	A0	D	00	
19SN0500	Callinectes sapidus	397	F	M	159	A0	F	N6	LG2
19SN0500	Callinectes sapidus	397	F	M	159	A0	G	N7	LF4
19SN0500	Callinectes sapidus	397	F	M	159	A0	L	N6	RY0
19SN0500	Callinectes sapidus	397	F	M	159	A0	L	N6	EE4
19SN0500	Callinectes sapidus	397	F	M	159	A0	R	N6	PC1
19SN0500	Callinectes sapidus	397	F	M	159	A0	R	N6	PN4
19SN0500	Callinectes sapidus	398	F	M	168	A0	C	N6	
19SN0500	Callinectes sapidus	398	F	M	168	A0	D	N6	LG2
19SN0500	Callinectes sapidus	398	F	M	168	A0	F	N6	RY0
19SN0500	Callinectes sapidus	398	F	M	168	A0	L	N8	LF3
19SN0500	Callinectes sapidus	398	F	M	168	A0	L	N7	PC2
19SN0500	Callinectes sapidus	398	F	M	168	A0	M	N6	
19SN0500	Callinectes sapidus	398	F	M	168	A0	R	N6	
19SN0500	Callinectes sapidus	399	F	M	157	A0	C	N6	
19SN0500	Callinectes sapidus	399	F	M	157	A0	D	N6	
19SN0500	Callinectes sapidus	399	F	M	157	A0	F	N6	LG1
19SN0500	Callinectes sapidus	399	F	M	157	A0	G	N6	CU1
19SN0500	Callinectes sapidus	399	F	M	157	A0	L	N6	LF3
19SN0500	Callinectes sapidus	399	F	M	157	A0	L	N6	RY0
19SN0500	Callinectes sapidus	399	F	M	157	A0	R	N6	SF0
19SN0500	Callinectes sapidus	400	F	M	167	A0	C	N7	
19SN0500	Callinectes sapidus	400	F	M	167	A0	D	N6	LG3
19SN0500	Callinectes sapidus	400	F	M	167	A0	F	N6	LG1
19SN0500	Callinectes sapidus	400	F	M	167	A0	G	N6	RY0
19SN0500	Callinectes sapidus	400	F	M	167	A0	L	N6	FN1
19SN0500	Callinectes sapidus	400	F	M	167	A0	L	N6	BA0
19SN0500	Callinectes sapidus	400	F	M	167	A0	M	N6	EE5
19SN0500	Callinectes sapidus	400	F	M	167	A0	R	N6	LF1
19SN0500	Callinectes sapidus	400	F	M	167	A0	R	N6	PC1
19SN0500	Callinectes sapidus	400	F	M	167	A0	R	N6	PC3

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	D	N6	MC4
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	E	N6	
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	G	N6	
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	L	N6	SC2 MC4
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	M	N7	DM9
20SN0500	I	P	Anadara ovalis	406	M	M	027	A0	R	N6	
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	D	N6	MC4
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	E	N6	
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	G	N6	
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	L	N6	ST1 MC4
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	M	N7	DM9
20SN0500	I	P	Anadara ovalis	407	F	M	024	A0	R	N6	
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	D	N6	MC4
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	E	N6	
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	G	N6	EE2 LF2
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	L	N6	ST3 SC5 MC4
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	M	N6	DM9
20SN0500	I	P	Anadara ovalis	408	F	M	022	A0	R	N6	SC2
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	D	N6	MC4
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	E	N6	
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	G	N6	EE2 LF2
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	L	N6	MC4 SC4 ST1
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	M	N7	DM9
20SN0500	I	P	Anadara ovalis	409	U	U	025	A0	R	00	
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	D	N6	MC4
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	E	N6	
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	G	N6	EE2 LF2
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	L	N6	MC4
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	M	N8	
20SN0500	I	P	Anadara ovalis	410	M	M	023	A0	R	N6	

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**HISTOPATHOLOGY OF VERTEBRATES**

Site		Species	No.	Sex	Mat	Len	Cond	Urg	Cond	Hist
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	D	NO	CE2 LL2 SH2 AC1
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	G	NO	HP1 PE1
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	L	NO	HP1 VC3 MC3 LL2 AC3 EE2
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	M	NO	LL4 AC2 HC3 BF2 PZ1 EC3
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	R	NO	PE1
01PN0500	V	Archosargus probatocephalus	1	M	U	270	D1	R	NO	DG4 HC3 AC4 LF1
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	D	NO	CE5 LL1 PZ1 SH2 AC1
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	G	NO	HC5 SN2
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	L	NO	HP1 VC2 MC3 LL2 AC3
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	L	NO	LL2 AC2 HC2 BF1 PZ2 EC2
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	R	NO	NO
01PN0500	V	Archosargus probatocephalus	2	M	U	248	D1	R	NO	DG4 AC4 HC3 PZ1 LF1
01PN0500	V	Archosargus probatocephalus	3	F	H	262	D1	D	NO	CE3 LL1 PZ1 AC2
01PN0500	V	Archosargus probatocephalus	3	F	U	262	D1	G	NO	HC4 PE1
01PN0500	V	Archosargus probatocephalus	3	F	U	262	D1	L	NO	HP1 VC3 MC2 LL3 AC2 EE1
01PN0500	V	Archosargus probatocephalus	3	F	U	262	D1	L	NO	LL3 AC2 HC2 BF1 DG1
01PN0500	V	Archosargus probatocephalus	3	F	U	262	D1	R	NO	NO
01PN0500	V	Archosargus probatocephalus	3	F	U	262	D1	R	NO	AO3 RG3 AC3 LF1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	D	NO	CE3 PZ1 AC1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	G	NO	HP1 HC1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	L	NO	HP1 VC3 LL3 AC2 MC3 PZ1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	L	NO	LL3 AC3 HC3 PZ3 DG1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	R	NO	PE1
01PN0500	V	Archosargus probatocephalus	4	F	U	230	D1	R	NO	AO2 AC3 LF1
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	D	NO	CE2 LL3 PZ1 VG1 AC1
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	G	NO	HC5 SN2 PE1
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	L	NO	HP1 VC1 LL3 AC2 MC3
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	L	NO	LL1 AC3 HC3 BF2 LP1
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	R	NO	OO
01PN0500	V	Archosargus probatocephalus	5	M	U	274	D1	R	NO	DG5 AC4 HC2 LF1
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	D	NO	LL3 PZ2 SH2 AC3
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	G	NO	SN2 HC1 TD2
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	L	NO	VC3 MC1 PZ1 EE1 AC1 LL1
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	L	NO	LL1 AC1 HC1 LP3
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	1	M	U	240	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	D	NO	CE1 PZ2 SH4 AC3
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	G	NO	PM3 HC3
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	L	NO	HP1 VC3 MC3 PZ1 EE2 AC1 LL1
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	L	NO	HC3 BF3 LP3
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	2	F	U	283	D1	R	NO	AO3
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	D	NO	CE3 PZ1 AC4
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	G	NO	HC2
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	L	NO	VC1 MC3 PZ1 EE3 AC3 LL1
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	L	NO	HC3 BF2 DG2
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	3	F	U	336	D1	R	NO	AO3
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	D	NO	CE3 LL2 PZ3 SH1 AC4
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	G	NO	HC3 PE3 SN2 AC2
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	L	NO	VC2 MC3 AC3 EE2 LL1
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	L	NO	AC1 HC3 BF3 LP1
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	4	F	U	304	D1	R	NO	AO2
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	D	NO	CE1 LL2 PZ3 AC3
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	G	NO	HC3 PM5 AC3
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	L	NO	HP1 VC3 MC3 AC3 EE2 LL2
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	L	NO	AC1 HC3 BF2 LP2
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	R	NO	NO
01PN0500	V	Chaetodiaterus faber	5	F	U	273	D1	R	NO	AO3

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	D	NO	CE1
02PN0500	V	PP	Micropogon undulatus	1	U	U	137	D1	G	NO	PE1
02PN0500	V	PP	Micropogon undulatus	1	U	U	137	D1	L	NO	VC1 MC3 PZ1 AC1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	M	NO	AC1 HC1 PZ1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	R	NO	
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	D	NO	LL1 PZ2
02PN0500	V	PP	Micropogon undulatus	2	U	U	145	D1	G	NO	PE1 PM3
02PN0500	V	PP	Micropogon undulatus	2	U	U	145	D1	G	NO	YG2 MC3 AC2 PZ2
02PN0500	V	PP	Micropogon undulatus	2	U	U	145	D1	L	NO	LL1 AC1
02PN0500	V	PP	Micropogon undulatus	2	U	U	145	D1	M	NO	PE1
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	R	NO	
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	D	NO	LL1 SH1
02PN0500	V	PP	Micropogon undulatus	3	U	U	141	D1	G	NO	
02PN0500	V	PP	Micropogon undulatus	3	U	U	141	D1	L	NO	HP1 VC3 MC3 AC2 PZ2 SA1 LL2
02PN0500	V	PP	Micropogon undulatus	3	U	U	141	D1	L	NO	LL1 AC1
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	M	NO	
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	R	NO	
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	D	NO	CE1 SH4
02PN0500	V	PP	Micropogon undulatus	4	F	U	140	D1	G	NO	
02PN0500	V	PP	Micropogon undulatus	4	F	U	140	D1	L	NO	VC3 MC3 PZ1 LL1 EE1 AC1
02PN0500	V	PP	Micropogon undulatus	4	F	U	140	D1	L	NO	LL1 AC1
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	M	NO	
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	R	NO	AC1 HC1
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	D	NO	LL1
02PN0500	V	PP	Micropogon undulatus	5	U	U	131	D1	G	NO	PE2
02PN0500	V	PP	Micropogon undulatus	5	U	U	131	D1	L	NO	VC3 MC3 PZ3 LL1 AC2
02PN0500	V	PP	Micropogon undulatus	5	U	U	131	D1	L	NO	AC2 HC2 DG2
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	M	NO	
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	R	NO	
02PN0500	V	P	Arius felis	1	F	U	245	D1	D	NO	CE5
02PN0500	V	PP	Arius felis	1	F	U	245	D1	G	NO	TD2 HC3
02PN0500	V	PP	Arius felis	1	F	U	245	D1	L	NO	HP2 VC4 MC4 EE4 AC3 PZ1
02PN0500	V	P	Arius felis	1	F	U	245	D1	M	NO	LL1 HC4 BF1
02PN0500	V	P	Arius felis	1	F	U	245	D1	R	NO	NT0
02PN0500	V	P	Arius felis	1	F	U	245	D1	R	NO	HC4
02PN0500	V	PP	Arius felis	2	F	U	290	D1	D	NO	CE2
02PN0500	V	PP	Arius felis	2	F	U	290	D1	G	NO	SH1 HC3
02PN0500	V	PP	Arius felis	2	F	U	290	D1	L	NO	HP1 VC5 MC4 EE3 AC3 LL2
02PN0500	V	PP	Arius felis	2	F	U	290	D1	L	NO	LL1 HC4
02PN0500	V	P	Arius felis	2	F	U	290	D1	M	NO	PE2
02PN0500	V	P	Arius felis	2	F	U	290	D1	R	NO	AD1 MA3 HC4
02PN0500	V	P	Arius felis	3	F	U	230	D1	D	NO	CE5 LL2
02PN0500	V	PP	Arius felis	3	F	U	230	D1	G	NO	HC3 GS1 TD2
02PN0500	V	PP	Arius felis	3	F	U	230	D1	L	NO	HP1 VC3 MC2 LL3 PZ1 AC1
02PN0500	V	PP	Arius felis	3	F	U	230	D1	L	NO	LL2 HC2 DG1
02PN0500	V	P	Arius felis	3	F	U	230	D1	M	NO	SC1 PE3
02PN0500	V	P	Arius felis	3	F	U	230	D1	R	NO	
02PN0500	V	P	Arius felis	4	F	U	255	D1	D	NO	CE5
02PN0500	V	PP	Arius felis	4	F	U	255	D1	G	NO	HC3 SH1
02PN0500	V	PP	Arius felis	4	F	U	255	D1	L	NO	VC2 MC2 PZ1
02PN0500	V	PP	Arius felis	4	F	U	255	D1	L	NO	LL1 HC3 BF1 DG1
02PN0500	V	P	Arius felis	4	F	U	255	D1	M	NO	PE2
02PN0500	V	P	Arius felis	4	F	U	255	D1	R	NO	HC2 LL1
02PN0500	V	P	Arius felis	5	F	U	211	D1	D	NO	
02PN0500	V	PP	Arius felis	5	F	U	211	D1	G	NO	HC3
02PN0500	V	PP	Arius felis	5	F	U	211	D1	L	NO	MC2
02PN0500	V	PP	Arius felis	5	F	U	211	D1	L	NO	MC2
02PN0500	V	P	Arius felis	5	F	U	211	D1	M	NO	PE1
02PN0500	V	P	Arius felis	5	F	U	211	D1	R	NO	HC2

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Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	D	N0	CE2 PZ2
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	GF	N0	PE1
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	GL	N0	VC2 MC2 AC4 LL1
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	L	N0	LL2 AC1 HC1 BF1 DG1
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	R	N0	RG4
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	D	N0	
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	FD	N0	PM2
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	L	N0	VC3 MC3 AC4 LL2 EE2
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	GL	N0	LL1 HC2 BF1 PZ1
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	R	N0	PE1
03PN0500	V	P	Lutjanus campechanus	1	M	U	244	D1	R	N0	RG3
03PN0500	V	P	Lutjanus campechanus	1	M	U	241	D1	D	N0	PZ2
03PN0500	V	P	Lutjanus campechanus	1	M	U	241	D1	GF	N0	
03PN0500	V	P	Lutjanus campechanus	1	M	U	241	D1	GL	N0	VC3 MC3 AC3 LL2 EE2
03PN0500	V	P	Lutjanus campechanus	1	M	U	241	D1	L	N0	LL1 HC1 BF1
03PN0500	V	P	Lutjanus campechanus	1	M	U	241	D1	R	N0	RG3
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	D	N0	
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	GF	N0	PM2 GS3 PE2 PL1
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	L	N0	VC2 MC2 AC3 LL1
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	L	N0	LL1 HC1 BF1 PZ1
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	R	N0	RG1
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	D	N0	CE3 PZ3
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	FD	N0	OC
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	L	N0	MC3 AC1 LL1
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	R	N0	PZ1
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	R	OC	
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	D	N0	CE2 AC4 PZ1
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	GF	N0	HC4 PM2
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	L	N0	HP1 VC4 MC3 AC2 PZ3 LL3
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	R	N0	LL1 AC3 HC1 BF3
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	R	N0	AC4
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	D	N0	CE2 AC2 PZ1
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	OC	N0	
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	GF	N0	VC4 MC3 AC1 LL1 PZ2
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	L	N0	LL1 AC4 HC2 BF1 PZ1 SH1 LP1
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	R	N0	
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	R	N0	AC2 HC1 LC1 AO2
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	D	N0	LL1 AC4 PZ1
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	OC	N0	HC4 SH1 PM4
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	L	N0	VC3 MC3 AC3 PZ1 LL3 EE2
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	R	N0	AC4 HC3 BF2 LP2
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	R	N0	AC3 LC1
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	D	N0	AC2 PZ1
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	GF	N0	HC4
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	L	N0	VC3 MC2 AC2 LL2 EE2
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	R	N0	LL1 AC4 HC1 LP1
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	R	N0	LL4 HC2
03PN0500	V	P	Lagodon rhomboides	5				D1			

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Site		Species	No.	Sex	Mat	Len	Cond	Dra	Cond	Hist	
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	D	NO	LL1 AC3
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	E	NO	PM1 HC4
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	G	NO	HP1 VC4 MC3 AC2 PZ3 LL3
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	L	NO	AC3 HC2 BF1
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	M	NO	
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	R	NO	AC3 LC1 HC2 CE2
04PN0500	V	P	Lagodon rhomboides	1	M	U	273	D1	D	NO	CE1 PZ4 SH2
04PN0500	V	P	Lagodon rhomboides	1	M	U	273	D1	E	NO	PM2 HC5
04PN0500	V	P	Lagodon rhomboides	1	M	U	273	D1	G	NO	VC4 MC3 AC1 PZ2 LL1
04PN0500	V	P	Lagodon rhomboides	1	M	U	273	D1	L	NO	AC3 HC3 BF1 PZ3 DG1 LP1
04PN0500	V	P	Lagodon rhomboides	1	M	U	273	D1	R	NO	
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	D	NO	CE3 LL3 AC2
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	E	NO	PM3 HC4 HA1
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	G	NO	VC3 MC1 AC3 PZ1 LL2 EE2
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	L	NO	LL1 AC4 HC2 BF1 LP1
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	M	NO	
04PN0500	V	P	Lagodon rhomboides	1	F	U	260	D1	R	NO	CE2 HC3 AC1 A01
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	D	NO	CE3 V61 AC3
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	E	NO	
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	G	NO	VC2 MC2 AC2 LL2
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	L	NO	LL1 AC1 HC2 BF1 PZ1 SH1
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	M	NO	
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	R	NO	HC2 A01 AC1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	D	NO	LL1 PZ1 SH1 AC1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	E	NO	
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	G	NO	VC3 MC2 AC1 LL2
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	L	NO	LL1 AC2 HC2 BF1 PZ1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	M	NO	
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	R	NO	
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	D	NO	CE1 SH2
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	E	NO	SH4 PE3 HC2
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	G	NO	SH1
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	L	NO	LL1 PZ1 SH1
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	M	NO	
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	R	NO	A02
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	D	NO	PZ1 SH5
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	E	NO	HC1
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	G	NO	VC1 PZ2 EE1
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	L	NO	
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	M	NO	
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	R	NO	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	D	NO	CE1 SH3
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	E	NO	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	G	NO	EE1 VC1 PZ2
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	L	NO	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	M	NO	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	R	NO	A03
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	D	NO	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	E	NO	PM2
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	G	NO	EE2 PZ1
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	L	NO	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	M	NO	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	R	NO	A04
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	D	NO	LL1 PZ1 SH3
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	E	NO	PM2
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	G	NO	PZ3
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	L	NO	
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	M	NO	
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	R	NO	

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
N1C	Arius felis	1	U	U	265	D1	D	NO	CE2
N1C	Arius felis	1	U	U	265	D1	GE	NO	
N1C	Arius felis	1	U	U	265	D1	GE	NO	VC1 EE1 LL1 SH1 MC1
N1C	Arius felis	1	U	U	265	D1	GE	NO	LL1 HC4 RF1 DG1
N1C	Arius felis	1	U	U	265	D1	R	NO	PE1
N1C	Arius felis	200	U	U	200	D1	D	NO	CE2
N1C	Arius felis	200	U	U	200	D1	GE	NO	
N1C	Arius felis	200	U	U	200	D1	GE	NO	VC1 MC1
N1C	Arius felis	200	U	U	200	D1	GE	NO	LL3 AC1 HC2
N1C	Arius felis	200	U	U	200	D1	R	NO	PE2
N1C	Arius felis	272	U	U	272	D1	D	NO	CE2
N1C	Arius felis	272	U	U	272	D1	GE	NO	
N1C	Arius felis	272	U	U	272	D1	GE	NO	EE1 VC1 SH1 MC2
N1C	Arius felis	272	U	U	272	D1	GE	NO	LL4 HC3 DG4
N1C	Arius felis	272	U	U	272	D1	R	NO	
N1C	Arius felis	237	U	U	237	D1	D	NO	CE2
N1C	Arius felis	237	U	U	237	D1	GE	NO	
N1C	Arius felis	237	U	U	237	D1	GE	NO	VC1 EE1 PZ1 MC1 LL2
N1C	Arius felis	237	U	U	237	D1	GE	NO	LL1 HC3 BF1 DG1
N1C	Arius felis	237	U	U	237	D1	R	NO	
N1C	Arius felis	260	U	U	260	D1	D	NO	CE2
N1C	Arius felis	260	U	U	260	D1	GE	NO	
N1C	Arius felis	260	U	U	260	D1	GE	NO	TD3 PM2 HC3
N1C	Arius felis	260	U	U	260	D1	GE	NO	VC2 EE3 LL2 MC1
N1C	Arius felis	260	U	U	260	D1	R	NO	LL1 HC3
N1C	Arius felis	260	U	U	260	D1	R	NO	PE1

Site	Sex	Mat	Len	Cond	Org	Cond	Hist				
22C	V	P	Trachurus lathami	1	U	U	74	D1	D	NO	
22C	V	P	Trachurus lathami	1	U	U	74	D1	D	NO	
22C	V	P	Trachurus lathami	1	U	U	74	D1	D	NO	HC2
22C	V	P	Trachurus lathami	1	U	U	74	D1	M	NO	SX3 VC1 EE1
22C	V	P	Trachurus lathami	1	U	U	74	D1	R	NO	AC1 PZ1
22C	V	P	Trachurus lathami	1	U	U	74	D1	R	NO	OO
22C	V	P	Trachurus lathami	2	U	U	68	D1	D	NO	
22C	V	P	Trachurus lathami	2	U	U	68	D1	D	NO	
22C	V	P	Trachurus lathami	2	U	U	68	D1	D	NO	HC2
22C	V	P	Trachurus lathami	2	U	U	68	D1	M	NO	SX2 VC2 EE2
22C	V	P	Trachurus lathami	2	U	U	68	D1	R	NO	AC1
22C	V	P	Trachurus lathami	2	U	U	68	D1	R	NO	OO
22C	V	P	Trachurus lathami	3	U	U	90	D1	D	NO	
22C	V	P	Trachurus lathami	3	U	U	90	D1	D	NO	
22C	V	P	Trachurus lathami	3	U	U	90	D1	M	NO	SH1 HC3
22C	V	P	Trachurus lathami	3	U	U	90	D1	M	NO	SX2 VC1 EE1
22C	V	P	Trachurus lathami	3	U	U	90	D1	R	NO	LL2 AC1 LP1
22C	V	P	Trachurus lathami	3	U	U	90	D1	R	NO	OO
22C	V	P	Trachurus lathami	4				D1			
22C	V	P	Trachurus lathami	5				D1			
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	D	NO	SH2
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	D	NO	PZ4 SH1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	D	NO	
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	M	NO	VC1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	R	NO	AC1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	R	NO	DG4
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	D	NO	PZ4 SH1
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	D	NO	
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	M	NO	PC3
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	M	NO	BF2 SH1
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	R	NO	AO1
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	D	NO	PZ1 SH1
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	D	NO	
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	M	NO	PC3
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	M	NO	
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	R	NO	AO1
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	D	NO	PZ3
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	D	NO	
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	M	NO	EE3 PZ1 MC2
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	M	NO	
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	R	NO	DG4
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	D	NO	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	D	NO	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	M	NO	EE2 MC1
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	M	NO	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	R	NO	OO

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Site		Species	No.	Sex	Mat	Len	Cond	Urg	Cond	Hist	
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	D	NO	CE1 LL4 PZ1 SH1 AC1
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	E	NO	HC2
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	G	NO	EE3 VC2
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	L	NO	
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	M	NO	
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	R	NO	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	D	NO	PZ1 SH1 AC2
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	GM	NO	HC1
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	G	NO	EE1 SX1 VC1
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	L	NO	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	M	NO	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	R	NO	DG2 AC2
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	D	NO	AC3
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	O	NO	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	G	NO	EE2 VC1 SX3
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	L	NO	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	M	NO	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	R	NO	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	D	NO	PZ5
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	O	NO	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	E	NO	EE4
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	G	NO	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	L	NO	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	M	NO	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	R	NO	
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	D	NO	PZ2 SH1 AC1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	O	NO	HC1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	G	NO	SX1 EE1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	L	NO	LL2
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	M	NO	
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	R	NO	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	D	NO	CE4 PZ4
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	O	NO	PM2 SH1 XX1
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	E	NO	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	G	NO	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	L	NO	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	M	NO	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	R	NO	A02
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	D	NO	CE1 PZ1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	O	NO	XX1 PE1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	E	NO	
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	G	NO	MC2
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	L	NO	BF1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	M	NO	
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	R	NO	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	D	NO	CE4 PZ1
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	O	NO	XX4 PM2 PE1
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	E	NO	MC3
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	G	NO	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	L	NO	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	M	NO	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	R	NO	A03
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	D	NO	PZ3 SH1
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	O	NO	XX2 PE1
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	E	NO	MC1
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	G	NO	
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	L	NO	PZ1 DG1
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	M	NO	
23C	V	P	Cyclopsetta chittendeni	4	F	U	183	D1	R	NO	A01
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	D	NO	PZ2 SH1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	O	NO	XX1 PE1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	E	NO	MC2
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	G	NO	
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	L	NO	DG1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	M	NO	
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	R	NO	A02

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
05SN0500	V	P	1	M	I	160	D1	D	NO	AC2 PZ1 HC1
05SN0500	V	P	1	M	I	160	D1	D	NO	HC1 AC5 PM2
05SN0500	V	P	1	M	I	160	D1	G	NO	PZ1
05SN0500	V	P	1	M	I	160	D1	L	NO	RF1 LP1
05SN0500	V	P	1	M	I	160	D1	R	NO	AC1 LL1
05SN0500	V	P	2	F	M	190	A0	D	NO	CE2 LL1 AC5 HC1
05SN0500	V	P	2	F	M	190	A0	D	NO	HC1 SH3 PM1
05SN0500	V	P	2	F	M	190	A0	G	NO	
05SN0500	V	P	2	F	M	190	A0	L	NO	AC3 HC1
05SN0500	V	P	2	F	M	190	A0	M	NO	PE1
05SN0500	V	P	2	F	M	190	A0	R	NO	AO1 AC1
05SN0500	V	P	3	M	M	200	A0	D	NO	CE1 LL2 AC5 HC2
05SN0500	V	P	3	M	M	200	A0	D	NO	HC1 PM1 SH1 PE1
05SN0500	V	P	3	M	M	200	A0	G	NO	EE2 LL1 MC1
05SN0500	V	P	3	M	M	200	A0	M	NO	LL1 AC2
05SN0500	V	P	3	M	M	200	A0	R	NO	AO1 AC1
05SN0500	V	P	4	M	M	200	A0	D	NO	CE1 LL1 SH1 AC4 PZ1 HC2
05SN0500	V	P	4	M	M	200	A0	D	NO	HC1 AC3 PM1
05SN0500	V	P	4	M	M	200	A0	G	NO	EE1 MC1
05SN0500	V	P	4	M	M	200	A0	L	NO	AC1 MC1 OG2
05SN0500	V	P	4	M	M	200	A0	M	NO	
05SN0500	V	P	4	M	M	200	A0	R	NO	AC2
05SN0500	V	P	5	F	M	170	A0	D	NO	CE2 LL1 AC5 HC4
05SN0500	V	P	5	F	M	170	A0	D	NO	PE1 HC1
05SN0500	V	P	5	F	M	170	A0	G	NO	EE1 PZ1
05SN0500	V	P	5	F	M	170	A0	L	NO	AC1 HC1 PZ1
05SN0500	V	P	5	F	M	170	A0	M	NO	
05SN0500	V	P	5	F	M	170	A0	R	NO	LL1 AC1 AO1
05SN0500	V	P	1	M	M	330	A0	D	NO	CE5
05SN0500	V	P	1	M	M	330	A0	D	NO	HC3
05SN0500	V	P	1	M	M	330	A0	G	NO	HP1 HC1
05SN0500	V	P	1	M	M	330	A0	L	NO	HC5 CE1 LP1
05SN0500	V	P	1	M	M	330	A0	M	NO	PE3
05SN0500	V	P	1	M	M	330	A0	R	NO	HC3 AC2 AO1
05SN0500	V	P	2	M	M	330	A0	D	NO	
05SN0500	V	P	2	M	M	330	A0	D	NO	HC2
05SN0500	V	P	2	M	M	330	A0	G	NO	LL1 HC1
05SN0500	V	P	2	M	M	330	A0	L	NO	HC3 LP1
05SN0500	V	P	2	M	M	330	A0	M	NO	
05SN0500	V	P	2	M	M	330	A0	R	NO	AC1 HC1
05SN0500	V	P	3	F	M	240	A0	D	NO	CE2 LL2 PZ1
05SN0500	V	P	3	F	M	240	A0	D	NO	HC1 SH1
05SN0500	V	P	3	F	M	240	A0	G	NO	PE1 LL1 VC1
05SN0500	V	P	3	F	M	240	A0	L	NO	LL1 HC1
05SN0500	V	P	3	F	M	240	A0	M	NO	
05SN0500	V	P	3	F	M	240	A0	R	NO	AC1 HC1 AO1
05SN0500	V	P	4	M	I	280	A0	D	NO	CE5 LL1 PZ2
05SN0500	V	P	4	M	I	280	A0	D	NO	HC1
05SN0500	V	P	4	M	I	280	A0	G	NO	
05SN0500	V	P	4	M	I	280	A0	L	NO	LL1 HC4
05SN0500	V	P	4	M	I	280	A0	M	NO	
05SN0500	V	P	4	M	I	280	A0	R	NO	HC2 LF1
05SN0500	V	P	5	F	M	310	A0	D	NO	CE5 LL1 AC2 PZ1
05SN0500	V	P	5	F	M	310	A0	D	NO	HC2
05SN0500	V	P	5	F	M	310	A0	G	NO	VC1 LL1 PE1 CE3 SH1
05SN0500	V	P	5	F	M	310	A0	L	NO	LL1 HC5 RF1
05SN0500	V	P	5	F	M	310	A0	M	NO	
05SN0500	V	P	5	F	M	310	A0	R	NO	AO1 HC2

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Site			Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist	
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	D	P9	CE3 LL3 SH4 AC1 PZ3	
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	G	N0	HC3 PM3	
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	N0	EE1 LL1 ST1		
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	N0	LL1 HC1 BF1 DG1 LP3		
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	R	N0	DG3 A02	
06S	V	P	Chaetodipterus faber	1	F	M	300	A0	D	N0	LL2 AC1 PZ3	
06S	V	P	Chaetodipterus faber	1	F	M	300	A0	N0	HC3 PM3 SH2		
06S	V	P	Chaetodipterus faber	1	F	M	300	A0	N0	EE1 LL1 PE1 MC1		
06S	V	P	Chaetodipterus faber	1	F	M	300	A0	N0	LL1 HC1 BF2 PZ1 DG4 LP5		
06S	V	P	Chaetodipterus faber	1	F	M	300	A0	R	N0	LF1	
06S	V	P	Chaetodipterus faber	1	F	M	340	A0	D	P7	CE1 LL3 SH1 AC1 PZ4	
06S	V	P	Chaetodipterus faber	1	F	M	340	A0	N0	HC3 PM4 PE2		
06S	V	P	Chaetodipterus faber	1	F	M	340	A0	N0	EE1 LL1 VC1 MC1		
06S	V	P	Chaetodipterus faber	1	F	M	340	A0	N0	LL1 AC1 HC2 BF2 CE2 DG2 LP3		
06S	V	P	Chaetodipterus faber	1	F	M	340	A0	R	N0	HC1 AC1	
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	D	P7	SH1 LL4 HC1 AC1 PZ3 CE1	
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	N0	HC3 PM3		
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	N0	HP1 VC1 LL1 SH1 MC1 SA1		
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	N0	LL1 HC2 BF2 DG2 LP4		
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	R	N0	AD1 LF1	
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	D	N0	LL2 AC1 PZ2 HC1	
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	N0	HC3 PM3		
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	N0	VC1 LL1 SA1		
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	N0	AC1 HC1 BF1 DG2 LP5		
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	R	N0	AC1 HC1	
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	D	N0	AC3 PZ1	
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	N0	TD2 HC1		
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	N0	AC1 VC1		
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	N0	AC2 HC2		
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	R	N0	CE1 AC4 HC1	
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	D	N0	CE1 LL2 AC2	
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	N0	HC1 SH2 PM1		
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	N0	HP1 VC1 SH1		
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	N0	AC1 HC1		
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	R	N0	HC1 AC1 A01	
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	D	N0	CE2 AC2 PZ1	
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	N0	HC1 PE1		
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	N0	LL1 AC2 HC1 DG1		
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	R	N0	HC1	
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	D	N0	CE1 LL1 AC2 PZ1	
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	N0	HC1		
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	N0	LL2 AC3 HC1 BF1 PZ1		
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	R	N0	AC4 LF1	
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	D	N0	CE2 LL1 AC2	
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	N0	SH2 PM1 HC1		
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	N0	PE1 SA1		
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	N0	HC1		
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	R	N0	LF1 HC1 A01	

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Site		Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	D	NO CE1
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	NO	PM3 HC1
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	1	F	I	230	D1	NO	LL1 BF1 DG1
07SN0500	V	P	Centropristis philadelphicus	1	F	I	230	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	1	F	I	230	D1	NO	AC1 HC3
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	HC2
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	LL1
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	LL1 BF1 CE1 SH1
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	NO	AO1 HC1 LC1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	PM3 AC1 HC1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	SX1 LL1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	LL1 AC1 BF1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	NO	HC1 LC1 AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	PM2 AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	LL1 AC1 DG1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	NO	AC4 AO1 LF2
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	AC1 HC1
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	PM1 HC1
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	HC1 AO1 AC1
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	1	M	U	210	D1	NO	CE1 PZ5
07SN0500	V	P	Cyclosetta chittendeni	1	M	U	210	D1	NO	AC1
07SN0500	V	P	Cyclosetta chittendeni	1	M	U	210	D1	NO	MC1
07SN0500	V	P	Cyclosetta chittendeni	1	M	U	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	1	M	U	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	PZ5 HC1
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	HC1 AC1
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	MC1
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	2	M	U	210	D1	NO	AC1
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	PZ5
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	HC1
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	3	M	U	200	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	CE1 PZ5 HC1
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	PM2 HC1 XX1
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	MC1
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	4	M	U	220	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	PZ4
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	PM1
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	MC1
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	
07SN0500	V	P	Cyclosetta chittendeni	5	F	M	210	D1	NO	AO1

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	V P P	1	F	M	180	D1	D	N0	CE1 LL3 AC4 PZ1 HC1
08SN0500	V P P	1	F	M	180	D1	F	N0	HC3
08SN0500	V P P	1	F	M	180	D1	F	N0	EE1 VC2 MC1
08SN0500	V P P	1	F	M	180	D1	L	N0	AC1 HC1
08SN0500	V P P	1	F	M	180	D1	M	N0	
08SN0500	V P P	1	F	M	180	D1	R	N0	LF1 HC1
08SN0500	V P P	N	M	M	190	D1	D	N0	CE3 LL2 HC1
08SN0500	V P P	N	M	M	190	D1	D	N0	HC2
08SN0500	V P P	N	M	M	190	D1	G	N0	EE1 VC1 MC1 LL1
08SN0500	V P P	N	M	M	190	D1	L	N0	LL1 AC1 HC1 BF1 CE1
08SN0500	V P P	N	M	M	190	D1	M	N0	AC2
08SN0500	V P P	N	M	M	190	D1	R	N0	
08SN0500	V P P	3	M	M	200	D1	D	N0	LL1 SH1 AC5 HC2
08SN0500	V P P	3	M	M	200	D1	F	N0	HC2 PM1
08SN0500	V P P	3	M	M	200	D1	G	N0	LL1
08SN0500	V P P	3	M	M	200	D1	L	N0	AC1 HC2 PZ5 DG3 SH3
08SN0500	V P P	3	M	M	200	D1	M	N0	
08SN0500	V P P	3	M	M	200	D1	R	N0	AC2
08SN0500	V P P	4	M	M	200	D1	D	N0	CE2 LL3 AC5 HC1
08SN0500	V P P	4	M	I	200	D1	D	N0	HC1
08SN0500	V P P	4	M	I	200	D1	G	N0	
08SN0500	V P P	4	M	I	200	D1	L	N0	AC2 HC1
08SN0500	V P P	4	M	I	200	D1	M	N0	
08SN0500	V P P	4	M	I	200	D1	R	N0	AC2
08SN0500	V P P	N	F	M	200	D1	D	N0	LL1 AC5 HC1
08SN0500	V P P	N	F	M	200	D1	F	N0	PM2 HC2 SH1
08SN0500	V P P	N	F	M	200	D1	G	N0	LL1
08SN0500	V P P	N	F	M	200	D1	L	N0	AC2 HC1 RF3 CE1 SH1
08SN0500	V P P	N	F	M	200	D1	M	N0	
08SN0500	V P P	N	F	M	200	D1	R	N0	AC1 HC1
08SN0500	V P P	1	M	M	260	D1	D	N0	CE3 LL2 AC2 PZ2 HC1
08SN0500	V P P	1	M	M	260	D1	F	N0	HC2 PM4 AC3
08SN0500	V P P	1	M	M	260	D1	G	N0	VC1
08SN0500	V P P	1	M	M	260	D1	L	N0	LL3 AC1 HC1 RF1 LP3
08SN0500	V P P	1	M	M	260	D1	M	N0	
08SN0500	V P P	1	M	M	260	D1	R	N0	LF4 HC1 AC1
08SN0500	V P P	N	M	M	280	D1	D	P7	CE1 LL1 AC2 PZ2
08SN0500	V P P	N	M	M	280	D1	F	N0	HC1 PM3 AC3
08SN0500	V P P	N	M	M	280	D1	G	P7	VC1 PZ1 MC1 SA1
08SN0500	V P P	N	M	M	280	D1	L	N0	AC1 HC1 LP5
08SN0500	V P P	N	M	M	280	D1	M	N0	
08SN0500	V P P	N	M	M	280	D1	R	N0	AC1 LF4 HC1
08SN0500	V P P	3	F	M	310	D1	D	P9	CE1 LL1 AC3 PZ4 HC3
08SN0500	V P P	3	F	M	310	D1	F	N0	HC2 PM2 SH1 AC1
08SN0500	V P P	3	F	M	310	D1	G	N0	VC1 PZ1
08SN0500	V P P	3	F	M	310	D1	L	N0	AC1 HC2 RF1 LP4
08SN0500	V P P	3	F	M	310	D1	M	N0	
08SN0500	V P P	3	F	M	310	D1	R	N0	HC2 AC1 AD1
08SN0500	V P P	4	F	M	350	D1	D	P7	AC2 PZ2 HC1
08SN0500	V P P	4	F	M	350	D1	F	N0	HC3 PM4 AC3
08SN0500	V P P	4	F	M	350	D1	G	N0	VC1 LL1
08SN0500	V P P	4	F	M	350	D1	L	N0	LL3 HC5 BF5 DG1 LP1
08SN0500	V P P	4	F	M	350	D1	M	N0	
08SN0500	V P P	4	F	M	350	D1	R	N0	AD4 HC2 LF1
08SN0500	V P P	5	F	U	300	D1	D	P7	CE1 LL1 AC1 PZ4 HC1
08SN0500	V P P	5	F	U	300	D1	F	N0	HC2 PM1
08SN0500	V P P	5	F	U	300	D1	G	P7	VC3 LL1 SA1
08SN0500	V P P	5	F	U	300	D1	L	N0	LL1 AC1 HC2 BF1 LP4
08SN0500	V P P	5	F	U	300	D1	M	N0	
08SN0500	V P P	5	F	U	300	D1	R	N0	LF1 HC2

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Site		Species	No.	Sex	Mat	Len	Cond	Urg	Cond	Hist	
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	D	NO	LL1 AC1 HC1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	D	NO	HC5 PE1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	G	NO	LL3 AC1 VC2 HP1 PZ1 CE1 SH1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	L	NO	LL3 AC3 HC2 BF1 PZ1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	R	NO	AO1 AC2 HC1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	D	NO	CE1 AC1 PZ1 HC1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	G	NO	HC5
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	L	NO	LL3 HP1 AC1 MC1 VC1 SH1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	M	NO	LL5 AC3 HC2 BF2 PZ2 DG1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	R	NO	AC2 AO1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	D	NO	AC1 HC1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	G	NO	HC5
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	L	NO	PZ1 VC1 MC1 AC1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	M	NO	LL1 AC3 HC2 BF2 PZ2
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	R	NO	AC2 AO2 HC1 LF1
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	D	NO	LL3 SH1 AC5 PZ4
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	G	NO	HC2 PM3 AC2
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	L	NO	AC1 LL1 CE1 SA1 VC1 EE1
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	M	NO	LL1 HC2 LP5
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	R	NO	LF1 AO2
10S	V	S	Chaetodipterus faber	2	F	M	260	D1	D	NO	LL1 AC4 PZ4 HC1
10S	V	S	Chaetodipterus faber	2	F	M	260	D1	G	NO	HC2 AC3 PM3 SH2
10S	V	S	Chaetodipterus faber	2	F	M	260	D1	L	NO	LL2 EE1 AC1
10S	V	S	Chaetodipterus faber	2	F	M	260	D1	M	NO	LL1 HC3 LP5
10S	V	S	Chaetodipterus faber	2	F	M	260	D1	R	NO	DG4
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	D	NO	LL3 SH1 AC5 PZ4
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	G	NO	HC2 PM3 AC3
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	L	NO	EE1 LL1 AC1
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	M	NO	LL1 HC2 LP5
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	R	NO	AO2
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	D	P9	CE5 LL2 SH4 AC5 PZ4
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	G	NO	HC2 PM2 AC3
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	L	NO	LL1 EE1 AC1
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	M	NO	HC2 BF2 LP5
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	R	NO	AOS
10S	V	S	Chaetodipterus faber	5	F	M	290	D1	D	NO	CE5 LL3 AC5 SH1 PZ5 HC1
10S	V	S	Chaetodipterus faber	5	F	M	290	D1	G	NO	HC2 AC3 PM1
10S	V	S	Chaetodipterus faber	5	F	M	290	D1	L	NO	SA1 AC1 LL1
10S	V	S	Chaetodipterus faber	5	F	M	290	D1	M	NO	LL1 HC3 CE1 LP5
10S	V	S	Chaetodipterus faber	5	F	M	290	D1	R	NO	AC1

Site		Species	No.	Sex	Met	Len	Cond	Org	Cond	Hist	
115	V	P	Archosargus probatocephalus	1	F	U	310	D1	D	NO	LL1 AC1
115	V	PP	Archosargus probatocephalus	1	F	U	310	D1	D	NO	HC5
115	V	PP	Archosargus probatocephalus	1	F	U	310	D1	GC	NO	LL3 HP1 VC1 AC2 MC1
115	V	PP	Archosargus probatocephalus	1	F	U	310	D1	L	NO	LL3 AC1 HC2 BF1
115	V	P	Archosargus probatocephalus	1	F	U	310	D1	M	NO	
115	V	P	Archosargus probatocephalus	1	F	U	310	D1	R	NO	A03 LF3 AC2
115	V	PP	Archosargus probatocephalus	1	M	I	260	D1	D	NO	CE1 AC1
115	V	PP	Archosargus probatocephalus	1	M	I	260	D1	D	NO	HC5 PE1
115	V	PP	Archosargus probatocephalus	1	M	I	260	D1	GC	NO	HP1 VC1 LL3 AC2 MC1
115	V	PP	Archosargus probatocephalus	1	M	I	260	D1	L	NO	LL1 AC1 HC2
115	V	P	Archosargus probatocephalus	1	M	I	260	D1	M	NO	
115	V	P	Archosargus probatocephalus	1	M	I	260	D1	R	NO	AC4 LF1
115	V	PP	Archosargus probatocephalus	1	M	I	270	D1	D	NO	LL3 AC1
115	V	PP	Archosargus probatocephalus	1	M	I	270	D1	D	NO	HC5
115	V	PP	Archosargus probatocephalus	1	M	I	270	D1	GC	NO	VC1 AC1 LL2
115	V	PP	Archosargus probatocephalus	1	M	I	270	D1	L	NO	LL1 AC1 HC3 BF2
115	V	PP	Archosargus probatocephalus	1	M	I	270	D1	M	NO	
115	V	P	Archosargus probatocephalus	1	M	I	270	D1	R	NO	AC4 LF2 HC1
115	V	P	Archosargus probatocephalus	4	F	M	270	D1	D	NO	LL2 AC1
115	V	PP	Archosargus probatocephalus	4	F	M	270	D1	D	NO	HC5
115	V	PP	Archosargus probatocephalus	4	F	M	270	D1	GC	NO	PZ1 VC1 LL2 AC1
115	V	PP	Archosargus probatocephalus	4	F	M	270	D1	L	NO	LL1 AC3 HC2 BF1 DG2 LP1
115	V	P	Archosargus probatocephalus	4	F	M	270	D1	M	NO	
115	V	P	Archosargus probatocephalus	4	F	M	270	D1	R	NO	A02 AC3 LF1 HC1
115	V	P	Archosargus probatocephalus	5	F	M	300	D1	D	NO	AC1
115	V	PP	Archosargus probatocephalus	5	F	M	300	D1	D	NO	HC5
115	V	PP	Archosargus probatocephalus	5	F	M	300	D1	GC	NO	AC1 LL2 PZ1
115	V	PP	Archosargus probatocephalus	5	F	M	300	D1	L	NO	LL1 AC3 HC2 BF1
115	V	P	Archosargus probatocephalus	5	F	M	300	D1	M	NO	PE2
115	V	P	Archosargus probatocephalus	5	F	M	300	D1	R	NO	AC3 A01 LL1 HC1
115	V	P	Chaetodipterus faber	1	F	M	330	D1	D	P7	CE3 LL2 AC1 PZ3 HC1
115	V	PP	Chaetodipterus faber	1	F	M	330	D1	D	NO	HC2 AC4 PM1
115	V	PP	Chaetodipterus faber	1	F	M	330	D1	GC	NO	EE1 VC1
115	V	PP	Chaetodipterus faber	1	F	M	330	D1	L	NO	HC1 BF1 DG2 LP2
115	V	P	Chaetodipterus faber	1	F	M	330	D1	R	NO	
115	V	P	Chaetodipterus faber	1	F	M	330	D1	R	NO	A03 AC1 HC1 LF1
115	V	P	Chaetodipterus faber	2	M	M	270	D1	D	NO	CE2 LL3 AC1 PZ3 HC1
115	V	PP	Chaetodipterus faber	2	M	M	270	D1	D	NO	HC2 AC2 PM2
115	V	PP	Chaetodipterus faber	2	M	M	270	D1	GC	NO	SH1 VC1 LL1
115	V	PP	Chaetodipterus faber	2	M	M	270	D1	L	NO	LL2 HC1 BF2 DG3 LP3
115	V	P	Chaetodipterus faber	2	M	M	270	D1	M	NO	
115	V	P	Chaetodipterus faber	2	M	M	270	D1	R	NO	AC1 HC1
115	V	P	Chaetodipterus faber	3	F	M	330	D1	D	NO	CE2 LL1 AC1 PZ2
115	V	PP	Chaetodipterus faber	3	F	M	330	D1	D	NO	HC3 AC1 PM1
115	V	PP	Chaetodipterus faber	3	F	M	330	D1	GC	NO	EE1 VC2 LL2
115	V	PP	Chaetodipterus faber	3	F	M	330	D1	L	NO	LL1 HC1 BF3 DG1 LP2
115	V	P	Chaetodipterus faber	3	F	M	330	D1	M	NO	SH2
115	V	P	Chaetodipterus faber	3	F	M	330	D1	R	NO	AC1 HC1 A02 LF2
115	V	P	Chaetodipterus faber	4	M	M	280	D1	D	NO	CE2 LL4 PZ4 XX1
115	V	PP	Chaetodipterus faber	4	M	M	280	D1	D	NO	HC1 AC3 PM3
115	V	PP	Chaetodipterus faber	4	M	M	280	D1	GC	NO	SH1 LL2 VC1
115	V	PP	Chaetodipterus faber	4	M	M	280	D1	L	NO	LL1 HC1 BF3 DG3 LP4
115	V	P	Chaetodipterus faber	4	M	M	280	D1	M	NO	
115	V	P	Chaetodipterus faber	4	M	M	280	D1	R	NO	AC1 HC1
115	V	P	Chaetodipterus faber	5	F	M	250	D1	D	P8	CE3 LL3 AC1 PZ3 HC1
115	V	PP	Chaetodipterus faber	5	F	M	250	D1	D	NO	HC1 AC3 PM4
115	V	PP	Chaetodipterus faber	5	F	M	250	D1	GC	NO	P7
115	V	PP	Chaetodipterus faber	5	F	M	250	D1	L	NO	LL1 HC1 BF3 CE1 DG1 LP4
115	V	PP	Chaetodipterus faber	5	F	M	250	D1	M	NO	
115	V	P	Chaetodipterus faber	5	F	M	250	D1	R	NO	AC1 HC1 A02 LF1

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
125	V S	Archosargus probatocephalus	I	M	I	300	D1	D	NO	LL2 SH1 AC1 PZ1
125	V S	Archosargus probatocephalus	I	M	I	300	D1	GF	NO	HC5 PE1 AC4
125	V S	Archosargus probatocephalus	I	M	I	300	D1	L	NO	AC1 LL2 MC1
125	V S	Archosargus probatocephalus	I	M	I	300	D1	L	NO	LL1 AC2 HC3 BF1 CE3 LP1
125	V S	Archosargus probatocephalus	I	M	I	300	D1	R	NO	AC3 HC1
125	V S	Archosargus probatocephalus	N	M	I	250	D1	D	NO	CE1 LL2 AC2 PZ2
125	V S	Archosargus probatocephalus	N	M	I	250	D1	GF	NO	HC4
125	V S	Archosargus probatocephalus	N	M	I	250	D1	L	NO	LL2 AC1 VC1 MC1
125	V S	Archosargus probatocephalus	N	M	I	250	D1	L	NO	LL1 AC3 HC3 BF2 PZ1
125	V S	Archosargus probatocephalus	N	M	I	250	D1	R	NO	AC4 HC1
125	V S	Archosargus probatocephalus	M	M	I	280	D1	D	P7	CE2 LL2 AC1 PZ1
125	V S	Archosargus probatocephalus	M	M	I	280	D1	GF	NO	HC4 PE3
125	V S	Archosargus probatocephalus	M	M	I	280	D1	L	NO	LL2 MC1 AC1 VC1
125	V S	Archosargus probatocephalus	M	M	I	280	D1	L	NO	LL1 AC3 HC3 BF1 PZ1 CE3
125	V S	Archosargus probatocephalus	M	M	I	280	D1	R	NO	AC3 HC1 SH1
125	V S	Archosargus probatocephalus	4	F	M	250	D1	D	NO	LL1 AC1 PZ1
125	V S	Archosargus probatocephalus	4	F	M	250	D1	GF	NO	HC4 PE2
125	V S	Archosargus probatocephalus	4	F	M	250	D1	L	NO	LL2 MC1 AC1
125	V S	Archosargus probatocephalus	4	F	M	250	D1	L	NO	LL1 AC3 HC2 RF1 PZ1 CE1 DG2
125	V S	Archosargus probatocephalus	4	F	M	250	D1	R	NO	AC2 SH1
125	V S	Archosargus probatocephalus	5	M	I	250	D1	D	NO	CE2 LL4 AC1
125	V S	Archosargus probatocephalus	5	M	I	250	D1	GF	NO	HC4 AC2
125	V S	Archosargus probatocephalus	5	M	I	250	D1	L	NO	LL3 AC1 MC1
125	V S	Archosargus probatocephalus	5	M	I	250	D1	L	NO	LL1 AC1 HC3 BF1 PZ1 CE1
125	V S	Archosargus probatocephalus	5	M	I	250	D1	R	NO	AC3 HC1
125	V S	Chaetodipterus faber	1	M	M	370	D1	D	NO	AC5 PZ4 HC1
125	V S	Chaetodipterus faber	1	M	M	370	D1	GF	NO	HC2 PM2
125	V S	Chaetodipterus faber	1	M	M	370	D1	L	NO	VC1 LL2 AC1
125	V S	Chaetodipterus faber	1	M	M	370	D1	L	NO	LL1 HC2 BF1 DG1 LP5
125	V S	Chaetodipterus faber	1	M	M	370	D1	R	NO	
125	V S	Chaetodipterus faber	N	M	M	290	D1	D	NO	CE1 LL3 AC5 PZ2
125	V S	Chaetodipterus faber	N	M	M	290	D1	GF	NO	HC2 PM4 AC3
125	V S	Chaetodipterus faber	N	M	M	290	D1	L	NO	AC1 LL1
125	V S	Chaetodipterus faber	N	M	M	290	D1	L	NO	HC2 BF1 LP5
125	V S	Chaetodipterus faber	N	M	M	290	D1	R	NO	AC1
125	V S	Chaetodipterus faber	M	M	M	260	D1	D	NO	CE1 LL3 AC2 PZ3
125	V S	Chaetodipterus faber	M	M	M	260	D1	GF	NO	HC2 PM4 AC3 PE1
125	V S	Chaetodipterus faber	M	M	M	260	D1	L	NO	AC1 LL1 SA1
125	V S	Chaetodipterus faber	M	M	M	260	D1	L	NO	LL1 HC2 BF1 PZ1 DG1 LP5
125	V S	Chaetodipterus faber	M	M	M	260	D1	R	NO	HC1
125	V S	Chaetodipterus faber	4	M	M	260	D1	D	P7	CE2 LL3 AC2 PZ3
125	V S	Chaetodipterus faber	4	M	M	260	D1	GF	NO	HC2 PM4 AC3
125	V S	Chaetodipterus faber	4	M	M	260	D1	L	NO	LL1 PZ1 AC1
125	V S	Chaetodipterus faber	4	M	M	260	D1	L	NO	LL1 HC2 BF1 PZ1 LP3
125	V S	Chaetodipterus faber	4	M	M	260	D1	R	NO	HC1 AC1
125	V S	Chaetodipterus faber	5	M	M	320	D1	D	P9	LL2 AC5 PZ3
125	V S	Chaetodipterus faber	5	M	M	320	D1	GF	NO	HC2 PM2
125	V S	Chaetodipterus faber	5	M	M	320	D1	L	NO	AC1 LL1 VC1 PZ1
125	V S	Chaetodipterus faber	5	M	M	320	D1	L	NO	HC2 BF1 PZ1 LP5
125	V S	Chaetodipterus faber	5	M	M	320	D1	R	NO	HC1 LF1 AC1

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Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
133N0500	Micropogon undulatus	1	F	M	200	A0	D	NO	LL1
133N0500	Micropogon undulatus	1	F	M	200	A0	G	NO	PM3 SH1 HC1
133N0500	Micropogon undulatus	1	F	M	200	A0	L	NO	LL2 AC1
133N0500	Micropogon undulatus	1	F	M	200	A0	L	NO	AC2 HC1 BF1
133N0500	Micropogon undulatus	1	F	M	200	A0	R	NO	A01 AC2 HC1
133N0500	Micropogon undulatus	1	F	M	200	D1	D	NO	CE2 LL2
133N0500	Micropogon undulatus	1	F	M	200	D1	G	NO	HC2 PM3 PE1 SH1 TD2
133N0500	Micropogon undulatus	1	F	M	200	D1	G	NO	LL1
133N0500	Micropogon undulatus	1	F	M	200	D1	M	NO	AC1 HC1 BF1
133N0500	Micropogon undulatus	1	F	M	200	D1	R	NO	A01 AC2 HC2
133N0500	Micropogon undulatus	1	M	M	170	D1	D	NO	CE1 LL1 SH1 PZ1
133N0500	Micropogon undulatus	1	M	M	170	D1	D	NO	HC2 PM2 TD2
133N0500	Micropogon undulatus	1	M	M	170	D1	G	NO	LL1 VC1
133N0500	Micropogon undulatus	1	M	M	170	D1	L	NO	LL1 AC1 HC1 BF1
133N0500	Micropogon undulatus	1	M	M	170	D1	R	NO	AC4 HC3 CE1
133N0500	Micropogon undulatus	1	M	M	170	D1	R	NO	AC4 HC3 CE1
133N0500	Micropogon undulatus	4	F	M	210	D1	D	NO	CE1 AC2 PZ1
133N0500	Micropogon undulatus	4	F	M	210	D1	D	NO	HC1 SH1 PM1
133N0500	Micropogon undulatus	4	F	M	210	D1	G	NO	LL2 AC1
133N0500	Micropogon undulatus	4	F	M	210	D1	L	NO	AC2 HC1
133N0500	Micropogon undulatus	4	F	M	210	D1	M	NO	AC1 HC1 A02
133N0500	Micropogon undulatus	4	F	M	210	D1	R	NO	AC1 HC1 A02
133N0500	Micropogon undulatus	1	M	I	190	D1	D	NO	LL2 AC5 HC2
133N0500	Micropogon undulatus	1	M	I	190	D1	G	NO	HC1 PM1 TD1
133N0500	Micropogon undulatus	1	M	I	190	D1	L	NO	LL2 AC1
133N0500	Micropogon undulatus	1	M	I	190	D1	M	NO	AC1 BF1
133N0500	Micropogon undulatus	1	M	I	190	D1	R	NO	AC3 HC2
133N0500	Chaetodipterus faber	1	M	M	320	D1	D	NO	LL1 PZ1 HC1
133N0500	Chaetodipterus faber	1	M	M	320	D1	D	NO	HC3 PM3 AC3
133N0500	Chaetodipterus faber	1	M	M	320	D1	G	NO	LL2
133N0500	Chaetodipterus faber	1	M	M	320	D1	L	NO	LL1 HC2 HF1 PZ1 LP5
133N0500	Chaetodipterus faber	1	M	M	320	D1	R	NO	HC1 PZ1 LF1
133N0500	Chaetodipterus faber	1	F	M	330	D1	D	NO	LL1 SH1 AC3 PZ3
133N0500	Chaetodipterus faber	1	F	M	330	D1	D	NO	HC3 PM4 AC3 HA2 PE1
133N0500	Chaetodipterus faber	1	F	M	330	D1	G	NO	LL1 AC1
133N0500	Chaetodipterus faber	1	F	M	330	D1	L	NO	AC1 HC1 BF1 LP5
133N0500	Chaetodipterus faber	1	F	M	330	D1	R	NO	A03
133N0500	Chaetodipterus faber	1	F	M	320	D1	D	NO	CE1 LL3 AC2 PZ4 HC2
133N0500	Chaetodipterus faber	1	F	M	320	D1	D	NO	HC2 PM4 AC3 SH2
133N0500	Chaetodipterus faber	1	F	M	320	D1	L	NO	LL1 VC3 EE1 AC1
133N0500	Chaetodipterus faber	1	F	M	320	D1	L	NO	LL1 AC1 HC1 LP5
133N0500	Chaetodipterus faber	1	F	M	320	D1	R	NO	A02 HC3
133N0500	Chaetodipterus faber	4	F	M	340	D1	D	NO	CE2 LL2 PZ4 HC1
133N0500	Chaetodipterus faber	4	F	M	340	D1	D	NO	HC3 PM4 AC2 SH2
133N0500	Chaetodipterus faber	4	F	M	340	D1	L	NO	LL2 VC2
133N0500	Chaetodipterus faber	4	F	M	340	D1	L	NO	LL1 AC1 HC1 BF1 PZ1 DG2 LP2
133N0500	Chaetodipterus faber	4	F	M	340	D1	R	NO	HC1 A02
133N0500	Chaetodipterus faber	1	F	M	320	D1	D	NO	CE5 LL1 HC1
133N0500	Chaetodipterus faber	1	F	M	320	D1	D	NO	HC2 PM1 AC1
133N0500	Chaetodipterus faber	1	F	M	320	D1	G	NO	LL2 VC2 EE1
133N0500	Chaetodipterus faber	1	F	M	320	D1	L	NO	LL1 HC1 BF1 LP1
133N0500	Chaetodipterus faber	1	F	M	320	D1	R	NO	A02

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	D	P7	CE1 LL2 AC2 PZ2 HC2
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	N0	HC3	
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	L	P7	LL1 PE1 VC1 EE1 AC1 SA1
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	L	N0	LL1 HC2 HF3 DG3 LP3
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	R	N0	AC2 PZ1
14S	V	P	Chaetodipterus faber	3	M	M	380	D1	D	P9	CE3 LL1 AC1 PZ3 HC2
14S	V	P	Chaetodipterus faber	3	M	M	380	D1	L	N0	HC3 PM2
14S	V	P	Chaetodipterus faber	3	M	M	380	D1	L	N0	LL1 AC1
14S	V	P	Chaetodipterus faber	3	M	M	380	D1	R	N0	LL1 AC1 HC2 BF2 PZ1 DG4 LP4
14S	V	P	Chaetodipterus faber	3	M	M	380	D1	R	N0	AC2 PZ2 HC1
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	D	P7	CE3 LL3 AC1 PZ3 HC2
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	L	N0	HC3 PM4
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	L	N0	LL1 EE2 SA3 AC1
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	L	N0	LL1 HC2 BF2 DG4 LP5
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	R	N0	AC2 PZ2
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	D	N0	CE5 LL5 AC1 PZ4 HC2
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	L	N0	HC3
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	L	N0	LL1 SA1 AC1
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	L	N0	LL1 HC1 BF2 DG4 LP4
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	R	N0	AC3
14S	V	P	Chaetodipterus faber	5	M	M	350	D1	D	P9	CE5 LL5 AC2 PZ4 HC1
14S	V	P	Chaetodipterus faber	5	M	M	350	D1	L	N0	HC2 AC3
14S	V	P	Chaetodipterus faber	5	M	M	350	D1	L	N0	LL1 AC1
14S	V	P	Chaetodipterus faber	5	M	M	350	D1	R	N0	LL1 AC1 HC1 BF2 DG2 LP4
14S	V	P	Chaetodipterus faber	5	M	M	350	D1	R	N0	AC3 PZ2
14SN0500	V	P	Cyclosetta chittendeni	1	M	I	100	D0	D	N0	PZ1
14SN0500	V	P	Cyclosetta chittendeni	1	M	I	100	D0	N0	HC1	
14SN0500	V	P	Cyclosetta chittendeni	1	M	I	100	D0	L	N0	SH1 SX2
14SN0500	V	P	Cyclosetta chittendeni	1	M	I	100	D0	L	N0	
14SN0500	V	P	Cyclosetta chittendeni	1	M	I	100	D0	R	N0	
14SN0500	V	P	Cyclosetta chittendeni	2	M	I	100	D0	D	N0	IN3
14SN0500	V	P	Cyclosetta chittendeni	2	M	I	100	D0	D	N0	NL0
14SN0500	V	P	Cyclosetta chittendeni	2	M	I	100	D0	L	N0	HC1 XX1
14SN0500	V	P	Cyclosetta chittendeni	2	M	I	100	D0	L	N0	
14SN0500	V	P	Cyclosetta chittendeni	2	M	I	100	D0	R	N0	
14SN0500	V	P	Cyclosetta chittendeni	3	F	I	105	D0	D	N0	IN3
14SN0500	V	P	Cyclosetta chittendeni	3	F	I	105	D0	D	N0	HC1 XX1
14SN0500	V	P	Cyclosetta chittendeni	3	F	I	105	D0	L	N0	PC3
14SN0500	V	P	Cyclosetta chittendeni	3	F	I	105	D0	L	N0	
14SN0500	V	P	Cyclosetta chittendeni	3	F	I	105	D0	R	N0	AD4
14SN0500	V	P	Cyclosetta chittendeni	4	M	I	120	D0	D	N0	AC2
14SN0500	V	P	Cyclosetta chittendeni	4	M	I	120	D0	D	N0	HC1
14SN0500	V	P	Cyclosetta chittendeni	4	M	I	120	D0	L	N0	
14SN0500	V	P	Cyclosetta chittendeni	4	M	I	120	D0	L	N0	
14SN0500	V	P	Cyclosetta chittendeni	4	M	I	120	D0	R	N0	IN2
14SN0500	V	P	Cyclosetta chittendeni	5	M	I	120	D0	D	N0	
14SN0500	V	P	Cyclosetta chittendeni	5	M	I	120	D0	D	N0	
14SN0500	V	P	Cyclosetta chittendeni	5	M	I	120	D0	L	N0	SA2
14SN0500	V	P	Cyclosetta chittendeni	5	M	I	120	D0	L	N0	HC1
14SN0500	V	P	Cyclosetta chittendeni	5	M	I	120	D0	R	N0	AC2

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist	
15SN0500	V	P	Centropriestis philadelphicus	1	M	M	260	D1	D	NO	CE1 SH1
15SN0500	V	P	Centropriestis philadelphicus	1	M	M	260	D1	D	NO	HC2 PM3
15SN0500	V	PP	Centropriestis philadelphicus	1	M	M	260	D1	G	NO	VC1
15SN0500	V	PP	Centropriestis philadelphicus	1	M	M	260	D1	L	NO	HC1 BF2
15SN0500	V	P	Centropriestis philadelphicus	1	M	M	260	D1	R	NO	AC1 HC4
15SN0500	V	P	Centropriestis philadelphicus	1	M	M	260	D1	D	NO	SH2 HC2
15SN0500	V	PP	Centropriestis philadelphicus	1	M	M	260	D1	G	NO	HC2 PM1
15SN0500	V	PP	Centropriestis philadelphicus	1	M	M	260	D1	L	NO	LL1 HC3 BF1
15SN0500	V	P	Centropriestis philadelphicus	1	M	M	260	D1	R	NO	HC2 AC1
15SN0500	V	P	Centropriestis philadelphicus	3	F	M	220	D1	D	NO	NO
15SN0500	V	PP	Centropriestis philadelphicus	3	F	M	220	D1	G	NO	HC1 PM1
15SN0500	V	PP	Centropriestis philadelphicus	3	F	M	220	D1	L	NO	LL1
15SN0500	V	PP	Centropriestis philadelphicus	3	F	M	220	D1	R	NO	AC1 HC1 BF1
15SN0500	V	P	Centropriestis philadelphicus	3	F	M	220	D1	R	NO	HC3 AC1 SH1 A02
15SN0500	V	P	Centropriestis philadelphicus	4	F	I	220	D1	D	NO	CE1 LL2 SH1
15SN0500	V	PP	Centropriestis philadelphicus	4	F	I	220	D1	G	NO	PM1 AC1 HC1
15SN0500	V	PP	Centropriestis philadelphicus	4	F	I	220	D1	L	NO	VC1
15SN0500	V	PP	Centropriestis philadelphicus	4	F	I	220	D1	R	NO	AC1 HC1 BF1
15SN0500	V	P	Centropriestis philadelphicus	4	F	I	220	D1	R	NO	SH1
15SN0500	V	P	Centropriestis philadelphicus	4	F	I	220	D1	R	NO	HC2 SH1
15SN0500	V	PPP	Centropriestis philadelphicus	5	F	I	200	D1	D	NO	CE2
15SN0500	V	PPP	Centropriestis philadelphicus	5	F	I	200	D1	G	NO	PM3 AC1
15SN0500	V	PPP	Centropriestis philadelphicus	5	F	I	200	D1	L	NO	SH1
15SN0500	V	PPP	Centropriestis philadelphicus	5	F	I	200	D1	R	NO	BF2
15SN0500	V	PPP	Centropriestis philadelphicus	5	F	I	200	D1	R	NO	HC2 AC1 A02
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	D	NO	CE1 LL2 AC5 PZ2
15SN0500	V	PPP	Stenotomus caprinus	1	U	U	130	D1	G	NO	HC4 PM2 AC2 XX5
15SN0500	V	PPP	Stenotomus caprinus	1	U	U	130	D1	L	NO	LL1 SA1 AC2
15SN0500	V	PPP	Stenotomus caprinus	1	U	U	130	D1	R	NO	D7 LL2 AC2 HC2 BF1 PZ1 LP1
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	R	NO	PE5
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	D	NO	CE2 LL2 SH1 AC5 PZ1
15SN0500	V	PP	Stenotomus caprinus	2	M	U	160	D1	G	NO	HC5 PM1 AC1
15SN0500	V	PP	Stenotomus caprinus	2	M	U	160	D1	L	NO	LL2 EE1 AC2
15SN0500	V	PP	Stenotomus caprinus	2	M	U	160	D1	R	NO	P7 LL1 AC2 HC3 BF1 PZ1
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	R	NO	HC3 AC3 LF1 DG2
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	D	NO	CE4 LL2 AC3
15SN0500	V	PP	Stenotomus caprinus	4	M	U	150	D1	G	NO	HC5 AC1 PM1
15SN0500	V	PP	Stenotomus caprinus	4	M	U	150	D1	L	NO	LL1 VC1 PZ1 AC1
15SN0500	V	PP	Stenotomus caprinus	4	M	U	150	D1	R	NO	P7 LL1 AC1 HC3 PZ4 SH1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	R	NO	AC2 DG2 HC1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	D	NO	CE1 AC5 PZ1
15SN0500	V	PPP	Stenotomus caprinus	4	M	U	150	D1	G	NO	HC1 AC2 XX5
15SN0500	V	PPP	Stenotomus caprinus	4	M	U	150	D1	L	NO	LL1 AC2
15SN0500	V	PPP	Stenotomus caprinus	4	M	U	150	D1	R	NO	P7 LL1 AC2 HC2 BF1 PZ2 LP1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	R	NO	HC2 AC2 DG3
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	D	NO	LL4 AC2 PZ1
15SN0500	V	PP	Stenotomus caprinus	5	M	U	130	D1	G	NO	HC5 AC2 XX1
15SN0500	V	PP	Stenotomus caprinus	5	M	U	130	D1	L	NO	AC1
15SN0500	V	PP	Stenotomus caprinus	5	M	U	130	D1	R	NO	P9 LL1 AC2 HC3 PZ3 LP1
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	R	NO	AC2 DG3 HC1

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
16SN0500	V	P	1	F	I	090	D0	D	NO	CE1 LL1 AC5
16SN0500	V	P	1	F	I	090	D0	D	NO	HC2
16SN0500	V	P	1	F	I	090	D0	D	NO	LL1 AC2
16SN0500	V	P	1	F	I	090	D0	D	NO	LL1 AC1
16SN0500	V	P	1	F	I	090	D0	R	NO	DG2 AC1
16SN0500	V	P	2	F	I	080	D0	D	NO	HC1 LL1 AC2 PZ3
16SN0500	V	P	2	F	I	080	D0	D	NO	HC2
16SN0500	V	P	2	F	I	080	D0	G	NO	LL1 AC1
16SN0500	V	P	2	F	I	080	D0	L	NO	AC1
16SN0500	V	P	2	F	I	080	D0	M	NO	AC1 DG2
16SN0500	V	P	2	F	I	080	D0	R	NO	AC1 DG2
16SN0500	V	P	3	U	I	090	D0	D	NO	HC1 AC2
16SN0500	V	P	3	U	I	090	D0	D	NO	HC1 AC2
16SN0500	V	P	3	U	I	090	D0	G	NO	LL1 AC1
16SN0500	V	P	3	U	I	090	D0	L	NO	LL1 AC1
16SN0500	V	P	3	U	I	090	D0	M	NO	LL1 AC1
16SN0500	V	P	3	U	I	090	D0	R	NO	LL1 AC1
16SN0500	V	P	4	U	I	080	D0	D	NO	AC2 LL1 PM1
16SN0500	V	P	4	U	I	080	D0	D	NO	HC1 AC1 PM1
16SN0500	V	P	4	U	I	080	D0	G	NO	LL2 AC1
16SN0500	V	P	4	U	I	080	D0	L	NO	LL2 AC1
16SN0500	V	P	4	U	I	080	D0	M	NO	LL2 AC1
16SN0500	V	P	4	U	I	080	D0	R	NO	LL2 AC1
16SN0500	V	P	5	U	I	090	D0	D	NO	HC2 AC2 AC1
16SN0500	V	P	5	U	I	090	D0	D	NO	HC2 AC2 AC1
16SN0500	V	P	5	U	I	090	D0	G	NO	LL3 VC1 AC1
16SN0500	V	P	5	U	I	090	D0	L	NO	LL3 VC1 AC1
16SN0500	V	P	5	U	I	090	D0	M	NO	LL3 VC1 AC1
16SN0500	V	P	5	U	I	090	D0	R	NO	LL3 VC1 AC1
16SN0500	V	P	1	F	M	240	D1	D	NO	CE1 PZ3
16SN0500	V	P	1	F	M	240	D1	D	NO	PM1 AC1
16SN0500	V	P	1	F	M	240	D1	G	NO	LL1 MC2
16SN0500	V	P	1	F	M	240	D1	L	NO	LL1 MC2
16SN0500	V	P	1	F	M	240	D1	M	NO	LL1 MC2
16SN0500	V	P	1	F	M	240	D1	R	NO	AC1 A02
16SN0500	V	P	2	F	M	240	D1	D	NO	SH1 PZ3
16SN0500	V	P	2	F	M	240	D1	D	NO	HC1 AC1 XX5
16SN0500	V	P	2	F	M	240	D1	G	NO	LL1 MC2
16SN0500	V	P	2	F	M	240	D1	L	NO	BF1 DG2
16SN0500	V	P	2	F	M	240	D1	M	NO	BF1 DG2
16SN0500	V	P	2	F	M	240	D1	R	NO	A03 AC1
16SN0500	V	P	3	F	M	210	D1	D	NO	PZ5
16SN0500	V	P	3	F	M	210	D1	D	NO	XX2 AC1 PM1
16SN0500	V	P	3	F	M	210	D1	G	NO	LL1 MC2
16SN0500	V	P	3	F	M	210	D1	L	NO	BF1 PZ1
16SN0500	V	P	3	F	M	210	D1	M	NO	BF1 PZ1
16SN0500	V	P	3	F	M	210	D1	R	NO	BF1 PZ1
16SN0500	V	P	4	M	U	210	D1	D	NO	PZ4
16SN0500	V	P	4	M	U	210	D1	D	NO	AC1 XX2
16SN0500	V	P	4	M	U	210	D1	G	NO	LL1 MC2
16SN0500	V	P	4	M	U	210	D1	L	NO	BF1 PZ1
16SN0500	V	P	4	M	U	210	D1	M	NO	BF1 PZ1
16SN0500	V	P	4	M	U	210	D1	R	NO	BF1 PZ1
16SN0500	V	P	5	M	U	230	D1	D	NO	CE5 PZ8 PM1
16SN0500	V	P	5	M	U	230	D1	D	NO	HC1 AC2 PM1
16SN0500	V	P	5	M	U	230	D1	G	NO	LL1 MC2 PM1
16SN0500	V	P	5	M	U	230	D1	L	NO	LL1 MC2 PM1
16SN0500	V	P	5	M	U	230	D1	M	NO	LL1 MC2 PM1
16SN0500	V	P	5	M	U	230	D1	R	NO	LL1 MC2 PM1

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Site	Sex	Mat	Len	Cond	Org	Cond	Hist				
17SN0500	V	P	Centropristis philadelphicus	1	M	U	220	D1	D	N0	LL1 SH5 AC2
17SN0500	V	P	Centropristis philadelphicus	1	M	U	220	D1	F	N0	HC1 PM1
17SN0500	V	P	Centropristis philadelphicus	1	M	U	220	D1	G	N0	MC2
17SN0500	V	P	Centropristis philadelphicus	1	M	U	220	D1	L	N0	AC1 HC1 BF1
17SN0500	V	P	Centropristis philadelphicus	1	M	U	220	D1	R	N0	HC3 AC1
17SN0500	V	P	Centropristis philadelphicus	2	M	U	230	D1	D	P7	CE4 SH5 AC1
17SN0500	V	P	Centropristis philadelphicus	2	M	U	230	D1	F	N0	HC3 PM2 AC1
17SN0500	V	P	Centropristis philadelphicus	2	M	U	230	D1	G	N0	MC2
17SN0500	V	P	Centropristis philadelphicus	2	M	U	230	D1	L	N0	HC1 BF1
17SN0500	V	P	Centropristis philadelphicus	2	M	U	230	D1	R	N0	AC1 HC2 DG2
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	D	N0	SH1 AC1
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	F	N0	HC1 AC1
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	G	N0	SA1 MC2
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	L	N0	LL1 HC1 HF1
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	R	00	
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	D	N0	CE3 LL1
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	F	N0	HC1 PM2 PE3 AC1
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	G	N0	LL1 PZ1 HC3
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	L	N0	LL1 HC3 BF3 CE2
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	R	N0	CE4 AC2 HC3
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	D	N0	
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	F	N0	LL2 MC2
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	G	N0	AC1
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	L	N0	
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	R	N0	DG4 AC1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	D	N0	LL3 AC5 PZ1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	F	N0	HC5 PM1 AC1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	G	N0	AC1 LL1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	L	N0	P7 LL2 AC1 HC3 LP1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	R	N0	AC2 DG4 HC2
17SN0500	V	P	Stenotomus caprinus	2	U	U	150	D1	D	N0	CE2 LL2 AC5 PZ2 HC1
17SN0500	V	P	Stenotomus caprinus	2	U	U	150	D1	F	N0	HC5 PM1 AC1
17SN0500	V	P	Stenotomus caprinus	2	U	U	150	D1	G	N0	LL1 AC1
17SN0500	V	P	Stenotomus caprinus	2	U	U	150	D1	L	N0	AC2 HC3 BF2
17SN0500	V	P	Stenotomus caprinus	2	U	U	150	D1	R	N0	
17SN0500	V	P	Stenotomus caprinus	3	M	U	140	D1	D	N0	CE1 LL1 AC5
17SN0500	V	P	Stenotomus caprinus	3	M	U	140	D1	F	N0	HC5 PM1 AC1
17SN0500	V	P	Stenotomus caprinus	3	M	U	140	D1	G	N0	LL1 AC1 SH1
17SN0500	V	P	Stenotomus caprinus	3	M	U	140	D1	L	N0	LL1 AC1 HC4 BF1
17SN0500	V	P	Stenotomus caprinus	3	M	U	140	D1	R	N0	AC2 HC3 DG2
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	D	N0	CE2 LL1 AC4
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	F	N0	HC5 PM2 AC1 XX5
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	G	N0	LL2 AC1
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	L	N0	P7 AC3 HC3 BF2 PZ2 DG1 SH3
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	R	N0	AC3 DG2 HC3
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	D	N0	LL1 AC4
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	F	N0	HC5 PM1 AC1
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	G	N0	LL1 AC1
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	L	N0	P7 LL1 AC2 HC3 BF1 PZ1 CE1 LP1
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	R	N0	AC3 DG2 HC3

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
1 AS	V P Lutjanus campechanus	1	M	I	250	A0	D	NO	LL2 PZ1
1 AS	V P Lutjanus campechanus	1	M	I	250	A0	D	NO	OD
1 AS	V P Lutjanus campechanus	1	M	I	250	A0	L	NO	PZ1 ST3 LL3 EE1
1 AS	V P Lutjanus campechanus	1	M	I	250	A0	L	NO	LL1 BF3 LPI
1 AS	V P Lutjanus campechanus	1	M	I	250	A0	R	NO	BE1 AC1
1 AS	V P Lutjanus campechanus	1	M	I	200	A0	D	NO	LL1
1 AS	V P Lutjanus campechanus	1	M	I	200	A0	D	NO	AC1
1 AS	V P Lutjanus campechanus	1	M	I	200	A0	G	NO	PZ1 ST3 LL3
1 AS	V P Lutjanus campechanus	1	M	I	200	A0	L	NO	BF2 LP2
1 AS	V P Lutjanus campechanus	1	M	I	200	A0	R	NO	OD
1 AS	V P Lutjanus campechanus	1	M	U	240	A0	D	NO	LL2
1 AS	V P Lutjanus campechanus	1	M	U	240	A0	D	NO	OD
1 AS	V P Lutjanus campechanus	1	M	U	240	A0	G	NO	PZ2 ST2 LL2 PC1
1 AS	V P Lutjanus campechanus	1	M	U	240	A0	L	NO	BF1
1 AS	V P Lutjanus campechanus	1	M	U	240	A0	R	NO	DG3
1 AS	V P Lutjanus campechanus	4	F	U	240	A0	D	NO	CE1 LL4
1 AS	V P Lutjanus campechanus	4	F	U	240	A0	D	NO	OD
1 AS	V P Lutjanus campechanus	4	F	U	240	A0	L	NO	LL1 ST2
1 AS	V P Lutjanus campechanus	4	F	U	240	A0	L	NO	LL3 BF2
1 AS	V P Lutjanus campechanus	4	F	U	240	A0	R	NO	DG3
1 AS	V P Lutjanus campechanus	5	F	U	270	A0	D	NO	CE1 LL1
1 AS	V P Lutjanus campechanus	5	F	U	270	A0	D	NO	HC1
1 AS	V P Lutjanus campechanus	5	F	U	270	A0	G	NO	LL2 ST3
1 AS	V P Lutjanus campechanus	5	F	U	270	A0	L	NO	BF2 LPI
1 AS	V P Lutjanus campechanus	5	F	U	270	A0	R	NO	AC1
1 AS	V P Chaetodipterus faber	1	F	M	350	D1	D	NO	CE2 LL3 AC1 PZ4 HC1
1 AS	V P Chaetodipterus faber	1	F	M	350	D1	D	NO	HC3 PM3 AC1
1 AS	V P Chaetodipterus faber	1	F	M	350	D1	G	NO	LL1 AC1
1 AS	V P Chaetodipterus faber	1	F	M	350	D1	L	NO	LL1 AC1 HC2 BF2 PZ2 LP3
1 AS	V P Chaetodipterus faber	1	F	M	350	D1	R	NO	A02 HC3
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	D	NO	CE1 LL2 AC1 PZ4 HC1
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	D	NO	HC3 PM4 AC2
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	G	NO	LL1 AC1
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	L	NO	AC1 HC1 BF3 PZ1 LP2
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	M	NO	NO
1 AS	V P Chaetodipterus faber	1	M	M	380	D1	R	NO	A02 HC2 A02 LF1 AC1
1 AS	V P Chaetodipterus faber	1	F	M	380	D1	D	P9	CE5 LL3 AC1 PZ4 HC1
1 AS	V P Chaetodipterus faber	1	F	M	380	D1	D	NO	HC3 PM1 AC1
1 AS	V P Chaetodipterus faber	1	F	M	380	D1	G	NO	LL1 AC1
1 AS	V P Chaetodipterus faber	1	F	M	380	D1	L	NO	LL1 AC1 HC2 BF2 DG2 LP2
1 AS	V P Chaetodipterus faber	1	F	M	380	D1	R	NO	A02 HC3
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	D	P7	CE1 LL4 AC1 PZ4 HC1
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	D	NO	HC3 PM2 AC2
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	G	NO	LL1 AC1
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	L	NO	LL1 AC1 HC1 DG1 LP5
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	M	NO	NO
1 AS	V P Chaetodipterus faber	4	M	M	330	D1	R	NO	AC2 HC1
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	D	NO	CE1 LL3 AC1 PZ5 HC1
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	D	NO	HC3 PM1 AC1
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	G	NO	LL1 AC1
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	L	NO	LL2 HC1 BF1 CE1 DG2 LP3
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	M	NO	NO
1 AS	V P Chaetodipterus faber	5	M	M	270	D1	R	NO	AC2 HC2

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	D	NO LL3 AC3 PZ2
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	E	NO HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	G	NO LL2 VC2 AC1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	L	NO LL1 BF1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	R	NO DG4 HC1 AC1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	D	NO LL3 AC5 PZ4
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	D	NO HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	L	NO BF3 ST3 HP1 AC1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	M	NO BF3
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	R	NO LF2 AC1 DG1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	D	NO CE1 LL3 AC3 PZ1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	D	NO HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	G	NO LL2 AC1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	L	NO LL1 BF1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	R	NO DG2 AC2 HC2
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	D	NO LL2 AC3 PZ1
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	E	NO HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	G	NO LL2 ST1 AC1
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	L	NO LL1 HC1 BF1 PZ1
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	M	NO AC2 HC2 LF3 DG1
19S	V	P	Chaetodipterus faber	1	F	I	095	D0	R	NO AC2 HC2 LF3 DG1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	D	NO CE3 LL3 AC5 PZ4
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	D	NO HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	L	NO LL4 AC1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	R	NO LL1 BF1 DG1
19S	V	P	Chaetodipterus faber	1	F	I	090	D0	R	NO AC1 DG3 HL1
19SN0500	V	P	Arius felis	1	M	M	300	A0	D	NO CE5 LL4 HC1
19SN0500	V	P	Arius felis	1	M	M	300	A0	D	NO HC3
19SN0500	V	P	Arius felis	1	M	M	300	A0	G	NO LL1 PE1
19SN0500	V	P	Arius felis	1	M	M	300	A0	L	NO PE1 HC5 BF3 LP1
19SN0500	V	P	Arius felis	1	M	M	300	A0	R	NO HC2 AC4
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	P7 CE5 LL3 PZ1 HC1
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	NO HC3
19SN0500	V	P	Arius felis	1	M	M	290	A0	G	NO LL1
19SN0500	V	P	Arius felis	1	M	M	290	A0	L	NO HC3 BF1 DG1 LP1
19SN0500	V	P	Arius felis	1	M	M	290	A0	M	NO PE1
19SN0500	V	P	Arius felis	1	M	M	290	A0	R	NO HC2
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	P7 CE2 LL3 PZ1 HC1
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	NO HC3 AC4
19SN0500	V	P	Arius felis	1	M	M	290	A0	G	NO LL3
19SN0500	V	P	Arius felis	1	M	M	290	A0	L	NO LL1 HC2 BF1 DG1 LP1
19SN0500	V	P	Arius felis	1	M	M	290	A0	M	NO PE5
19SN0500	V	P	Arius felis	1	M	M	290	A0	R	NO HC3 AC3
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	NO CE5 LL2 SH1 PZ1 HC1
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	NO HC3 AC2 SH1
19SN0500	V	P	Arius felis	1	M	M	290	A0	G	NO LL3
19SN0500	V	P	Arius felis	1	M	M	290	A0	L	NO LL3 HC3 DG1 LP1
19SN0500	V	P	Arius felis	1	M	M	290	A0	M	NO HC2
19SN0500	V	P	Arius felis	1	M	M	290	A0	D	NO CE5 LL1 HC1
19SN0500	V	P	Arius felis	1	M	M	290	A0	E	NO AC3
19SN0500	V	P	Arius felis	1	M	M	290	A0	G	NO LL2
19SN0500	V	P	Arius felis	1	M	M	290	A0	L	NO LL1 BF1
19SN0500	V	P	Arius felis	1	M	M	290	A0	M	NO PE5
19SN0500	V	P	Arius felis	1	M	M	290	A0	R	NO HC2

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
205	V	P	Archosargus probatocephalus	1	M	U	380	D1	D	NO CE1 LL2 SH1 AC1
205	V	P	Archosargus probatocephalus	1	M	U	380	D1	D	NO SH2 HC5 AC3
205	V	P	Archosargus probatocephalus	1	M	U	380	D1	G	NO PZ1 VC1 AC1 LL1
205	V	P	Archosargus probatocephalus	1	M	U	380	D1	L	NO LL1 AC1 HC2 BF2 PZ2 DG1
205	V	P	Archosargus probatocephalus	1	M	U	380	D1	R	NO DG3 AC3 HC3
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	D	NO CE1 LL4 AC1
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	D	NO HC5 AC3 PE1
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	G	NO AC1 LL3
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	L	NO AC2 HC1 DG1
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	M	NO
205	V	P	Archosargus probatocephalus	2	F	U	280	D1	R	NO A01 AC2 HC2 LF1
205	V	P	Archosargus probatocephalus	3	M	U	280	D1	D	P7 LL1 AC1 PZ1 HC1
205	V	P	Archosargus probatocephalus	3	M	U	280	D1	D	NO HC4 PE1 AC4 SH2
205	V	P	Archosargus probatocephalus	3	M	U	280	D1	G	NO LL2 PZ1 AC1
205	V	P	Archosargus probatocephalus	3	M	U	280	D1	L	NO LL1 AC2 HC1 BF1 PZ1 DG1
205	V	P	Archosargus probatocephalus	3	M	U	280	D1	R	NO AC3
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	D	P7 CE1 LL1 AC1 HC1
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	D	NO HC4 AC3 PM2 PE1
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	G	NO LL2 ST2 PZ1 AC2
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	L	NO LL1 AC1 HC1 BF1 PZ1 DG1
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	M	NO PE3
205	V	P	Archosargus probatocephalus	4	F	U	310	D1	R	NO CE2 AC4 HC2
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	D	NO LL1 AC1 HC1
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	D	NO HC4 PM1 PE1 AC3
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	G	NO LL2 ST2 AC2
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	L	NO LL1 AC1 HC2 BF1 SH1
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	M	NO PE1
205	V	P	Archosargus probatocephalus	5	M	U	310	D1	R	NO DG1 AC2 LF1 HC1 DG1
205	V	P	Chaetodipterus faber	1	M	M	310	D1	D	NO CE1 LL4 AC3 HC1
205	V	P	Chaetodipterus faber	1	M	M	310	D1	D	NO HC2 PM2 AC3
205	V	P	Chaetodipterus faber	1	M	M	310	D1	G	NO HF1 ST1 LL AC2
205	V	P	Chaetodipterus faber	1	M	M	310	D1	L	NO LL1 HC1 BF1 PZ1 CE1 DG1 LP1
205	V	P	Chaetodipterus faber	1	M	M	310	D1	R	NO A02 AC1 HC1 LF1
205	V	P	Chaetodipterus faber	2	M	M	300	D1	D	NO LL1 AC1 PZ3 HC1
205	V	P	Chaetodipterus faber	2	M	M	300	D1	D	NO HC2 PM2 AC2
205	V	P	Chaetodipterus faber	2	M	M	300	D1	G	NO LL2 AC1 ST1
205	V	P	Chaetodipterus faber	2	M	M	300	D1	L	NO LL1 AC1 HC1 BF1 LP3
205	V	P	Chaetodipterus faber	2	M	M	300	D1	M	NO
205	V	P	Chaetodipterus faber	2	M	M	300	D1	R	NO A03 AC2 HC1 LF1
205	V	P	Chaetodipterus faber	3	M	M	330	D1	D	P8 CE5 LL5 SH3 AC1 PZ4 HC1
205	V	P	Chaetodipterus faber	3	M	M	330	D1	D	NO HC2 PM2 AC2
205	V	P	Chaetodipterus faber	3	M	M	330	D1	G	NO LL1 AC1 ST1
205	V	P	Chaetodipterus faber	3	M	M	330	D1	L	NO AC1 HC1 LP4
205	V	P	Chaetodipterus faber	3	M	M	330	D1	R	NO A01 AC2 HC1
205	V	P	Chaetodipterus faber	4	F	M	350	D1	D	NO CE2 LL4 AC1 PZ2 HC1
205	V	P	Chaetodipterus faber	4	F	M	350	D1	D	NO HC2 PM2 AC2
205	V	P	Chaetodipterus faber	4	F	M	350	D1	G	NO LL1 AC1
205	V	P	Chaetodipterus faber	4	F	M	350	D1	L	NO HC1 BF1 DG1 LP2
205	V	P	Chaetodipterus faber	4	F	M	350	D1	R	NO AC2 A01
205	V	P	Chaetodipterus faber	5	M	M	370	D1	D	NO CE3 LL3 AC4 PZ3 HC1
205	V	P	Chaetodipterus faber	5	M	M	370	D1	D	NO HC3 PM3 AC3
205	V	P	Chaetodipterus faber	5	M	M	370	D1	G	NO LL1 AC1
205	V	P	Chaetodipterus faber	5	M	M	370	D1	L	NO AC1 HC3 BF2 LP2
205	V	P	Chaetodipterus faber	5	M	M	370	D1	R	NO

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Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
21C	V	S	1	M		190	A0	D	NO	PZ1
21C	V	S	1	M		190	A0	E	NO	HC1 AC1
21C	V	S	1	M		190	A0	G	NO	EE1
21C	V	S	1	M		190	A0	L	NO	LL1
21C	V	S	1	M		190	A0	M	NO	
21C	V	S	1	M		190	A0	R	NO	DG3 AC3
21C	V	S	2	F		190	A0	D	NO	CE1 LL1 SH2 AC4 PZ1
21C	V	S	2	F		190	A0	E	NO	HC1
21C	V	S	2	F		190	A0	G	NO	LL1
21C	V	S	2	F		190	A0	L	NO	AC1 SH1
21C	V	S	2	F		190	A0	M	NO	
21C	V	S	2	F		190	A0	R	NO	A01
21C	V	S	3	F		190	A0	D	NO	CE1 LL3 AC5
21C	V	S	3	F		190	A0	E	NO	HC1
21C	V	S	3	F		190	A0	G	NO	LL1 VC1 PZ1
21C	V	S	3	F		190	A0	L	NO	
21C	V	S	3	F		190	A0	M	NO	
21C	V	S	3	F		190	A0	R	NO	A02 DG1
21C	V	S	4	M		200		D	NO	AC5 HC2
21C	V	S	4	M		200		E	NO	HC2 SH1
21C	V	S	4	M		200		G	NO	LL1 VC1
21C	V	S	4	M		200		L	NO	HC1
21C	V	S	4	M		200		M	NO	
21C	V	S	4	M		200		R	NO	DG3 AC1
21C	V	S	5	M		180	A0	D	NO	LL2 SH1 AC4 PZ1
21C	V	S	5	M		180	A0	E	NO	HC1
21C	V	S	5	M		180	A0	G	NO	VC1
21C	V	S	5	M		180	A0	L	NO	
21C	V	S	5	M		180	A0	M	NO	
21C	V	S	5	M		180	A0	R	NO	DG4 AC3

Site	Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
23C	V S	1	F		080	D1	D	NO	AC1
23C	V S	1	F		080	D1	D	NO	HC2
23C	V S	1	F		080	D1	G	NO	PM3 AC1
23C	V S	1	F		080	D1	F	NO	AC1 EE1 VC1
23C	V S	1	F		080	D1	R	NO	AO2 AC1
23C	V S	2	U		080	D1	D	NO	AC1 PZ1
23C	V S	2	U		080	D1	D	NO	HC2
23C	V S	2	U		080	D1	G	NO	AC2 LL1 PZ1
23C	V S	2	U		080	D1	F	NO	
23C	V S	2	U		080	D1	R	NO	
23C	V S	2	U		080	D1	U	NO	
23C	V S	3	F		070	D1	D	NO	AC1 PZ1
23C	V S	3	F		070	D1	D	NO	HC1 PM1
23C	V S	3	F		070	D1	G	NO	AC1 EE1 PZ1
23C	V S	3	F		070	D1	F	NO	AC1
23C	V S	3	F		070	D1	R	NO	AO2 AC1
23C	V S	4	F		070	D1	D	NO	AC1 PZ1
23C	V S	4	F		070	D1	D	NO	HC1 PM1
23C	V S	4	F		070	D1	G	NO	AC1 EE1 VC2 LL1
23C	V S	4	F		070	D1	F	NO	
23C	V S	4	F		070	D1	R	NO	AO1
23C	V S	5	F		080	D1	D	NO	AC1
23C	V S	5	F		080	D1	D	NO	HC2
23C	V S	5	F		080	D1	G	NO	AC1 EE1 VC1
23C	V S	5	F		080	D1	F	NO	
23C	V S	5	F		080	D1	R	NO	
23C	V S	5	F		080	D1	R	NO	AO2



Site		Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
24C	V	S	Cynoscion arenarius	1	F	220	D1	D	NO	CE1 PZ1
24C	V	S	Cynoscion arenarius	1	F	220	D1	D	NO	AC1 HC1
24C	V	S	Cynoscion arenarius	1	F	220	D1	D	NO	PZ4 VC1 LL1
24C	V	S	Cynoscion arenarius	1	F	220	D1	M	NO	RF1 CE1 PZ3 HC1
24C	V	S	Cynoscion arenarius	1	F	220	D1	R	NO	A03
24C	V	S	Cynoscion arenarius	2	F	220	D1	D	NO	SH3 PZ1
24C	V	S	Cynoscion arenarius	2	F	220	D1	E	NO	HC1 AC2
24C	V	S	Cynoscion arenarius	2	F	220	D1	L	NO	VC1 LL1
24C	V	S	Cynoscion arenarius	2	F	220	D1	M	NO	HC1 BF1 PZ3 CE1
24C	V	S	Cynoscion arenarius	2	F	220	D1	R	NO	A03
24C	V	S	Cynoscion arenarius	3	M	220	D1	D	NO	PZ1 HC1
24C	V	S	Cynoscion arenarius	3	M	220	D1	E	NO	O0
24C	V	S	Cynoscion arenarius	3	M	220	D1	G	NO	PZ2 VC1 LL1
24C	V	S	Cynoscion arenarius	3	M	220	D1	L	NO	HC2
24C	V	S	Cynoscion arenarius	3	M	220	D1	R	NO	
24C	V	S	Cynoscion arenarius	4	F	210	D1	D	NO	PZ1
24C	V	S	Cynoscion arenarius	4	F	210	D1	D	NO	HC1 AC2
24C	V	S	Cynoscion arenarius	4	F	210	D1	E	NO	PZ1 SA1 LL1
24C	V	S	Cynoscion arenarius	4	F	210	D1	M	NO	HC1 BF1
24C	V	S	Cynoscion arenarius	4	F	210	D1	R	NO	A01 HC1 EC1
24C	V	S	Cynoscion arenarius	5	F		D1	D	NO	
24C	V	S	Cynoscion arenarius	5	F		D1	E	NO	HC1 AC3 XX3 PM1
24C	V	S	Cynoscion arenarius	5	F		D1	G	NO	SA2
24C	V	S	Cynoscion arenarius	5	F		D1	L	NO	HC1 BF1 PZ5
24C	V	S	Cynoscion arenarius	5	F		D1	R	NO	A01 HC2
24C	V	S	Arius felis	1	M	270	P8	D	P8	CE5
24C	V	S	Arius felis	1	M	270	P8	E	NO	HC3
24C	V	S	Arius felis	1	M	270	P8	G	NO	EE1
24C	V	S	Arius felis	1	M	270	P8	L	NO	LL1 HC5 BF1 DG1 LP1
24C	V	S	Arius felis	1	M	270	P8	R	NO	DG3 HC1
24C	V	S	Arius felis	2	M	270	A0	D	NO	CE5 AC5
24C	V	S	Arius felis	2	M	270	A0	G	NO	HC4
24C	V	S	Arius felis	2	M	270	A0	M	NO	EE1
24C	V	S	Arius felis	2	M	270	A0	L	NO	HC5 BF2
24C	V	S	Arius felis	2	M	270	A0	R	NO	PE3
24C	V	S	Arius felis	2	M	270	A0	R	NO	DG3 HC2
24C	V	S	Arius felis	3	M	300	P7	D	P7	CE5 LL1
24C	V	S	Arius felis	3	M	300	P7	E	NO	HC4 SH1
24C	V	S	Arius felis	3	M	300	P7	G	NO	EE1
24C	V	S	Arius felis	3	M	300	P7	L	NO	HC5 BF1 CE3
24C	V	S	Arius felis	3	M	300	P7	R	NO	PE3
24C	V	S	Arius felis	3	M	300	P7	R	NO	DG3 HC3
24C	V	S	Arius felis	4	M	300	P7	D	P7	CE5
24C	V	S	Arius felis	4	M	300	P7	E	NO	HC3
24C	V	S	Arius felis	4	M	300	P7	G	NO	EE1
24C	V	S	Arius felis	4	M	300	P7	L	NO	HC2
24C	V	S	Arius felis	4	M	300	P7	R	NO	PE4
24C	V	S	Arius felis	4	M	300	P7	R	NO	DG3 HC1
24C	V	S	Arius felis	5	M	250	D1	D	NO	CE1
24C	V	S	Arius felis	5	M	250	D1	E	NO	HC2
24C	V	S	Arius felis	5	M	250	D1	G	NO	EE1
24C	V	S	Arius felis	5	M	250	D1	L	NO	HC3
24C	V	S	Arius felis	5	M	250	D1	M	NO	PE1
24C	V	S	Arius felis	5	M	250	D1	R	NO	DG3 HC1

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**PLATFORM ASSOCIATED BIOTA-ARTIFICIAL REEF STUDIES**

1.	61578ST12RA	1	1	418CALCAREA HOMOCOELIDAE	C	15
2.	61578ST12RA	1	1	419TURRITOPSIS NUTRICULA	C	15
3.	61578ST12RA	1	1	420OBELIA DICHOTOMA	C	15
4.	61578ST12RA	1	1	421CRISIA ERURNEA	C	15
5.	61578ST12RA	1	1	427AETEA ANGUINA	C	15
6.	61578ST12RA	1	1	4 ALGAE	C	15
7.	61578ST12RA	1	2	410TURRITOPSIS NUTRICULA	C	15
8.	61578ST12RA	1	2	411OBELIA DICHOTOMA	C	15
9.	61578ST12RA	1	1	416CALCAREA HOMOCOELIDAE	C	15
10.	61578ST12RA	1	1	417ASCIDIACEA 1	C	15
11.	61578ST12RA	1	1	418BUGULA SP	C	15
12.	61578ST12RA	1	1	421AETEA ANGUINA	C	15
13.	61578ST12RA	1	2	4 ALGAE	C	15
14.	61578ST12RA	1	4	420BEBLIA DICHOTOMA	C	15
15.	61578ST12RA	1	4	4TURRITOPSIS NUTRICULA	C	15
16.	61578ST12RA	1	4	4AEVERILLIA SETIGERA	C	15
17.	61578ST12RA	1	4	4BUGULA SP	C	15
18.	61578ST12RA	1	4	432SAVIGNYELLA LAFONTII	C	15
19.	61578ST12RA	1	4	428CALCAREA HOMOCOELIDAE	C	15
20.	61578ST12RA	1	4	429ASCIDIACEA 2	C	15
21.	61578ST12RA	1	4	430ASCIDIACEA 1	C	15
22.	61578ST12RA	1	4	4 ALGAE	C	15
23.	61678ST12RA10	1	1	418OBELIA DICHOTOMA	C	15
24.	61678ST12RA10	1	1	419TURRITOPSIS NUTRICULA	C	15
25.	61678ST12RA10	1	1	420BUGULA SP	C	15
26.	61678ST12RA10	1	1	426AETEA ANGUINA	C	15
27.	61678ST12RA10	1	1	421ASCIDIACEA 1	C	15
28.	61678ST12RA10	1	1	422ASCIDIACEA 2	C	15
29.	61678ST12RA10	1	1	424CALCAREA HOMOCOELIDAE	C	15
30.	61678ST12RA10	1	1	4 ALGAE	C	15
31.	61678ST12RA10	1	1	4ASCIDIACEA 1	C	15
32.	61678ST12RA10	1	1	470BEBLIA DICHOTOMA	C	15
33.	61678ST12RA10	1	1	4CLYTIA SP	C	15
34.	61678ST12RA10	1	1	49BUGULA NERITINA	C	15
35.	61678ST12RA10	1	1	410BUGULA SP	C	15
36.	61678ST12RA10	1	1	4 ALGAE	C	15
37.	61678ST12RA10	1	1	414ASCIDIACEA 1	C	15
38.	61678ST12RA10	1	1	415ANTROPORA TINCTA	C	15
39.	61678ST12RA10	1	1	416BUGULA NERITINA	C	15
40.	61678ST12RA10	1	1	417SAVIGNYELLA LAFONTII	C	15
41.	61678ST12RA10	1	1	418AEVERILLIA SETIGERA	C	15
42.	61678ST12RA10	1	1	419OBELIA DICHOTOMA	C	15
43.	61678ST12RA10	1	1	420TURRITOPSIS NUTRICULA	C	15
44.	61678ST12RA10	1	1	4 ALGAE	C	15
45.	61678ST12RA20	1	2	59BUGULA NERITINA	C	15
46.	61678ST12RA20	1	2	510BUGULA SP	C	15
47.	61678ST12RA20	1	2	511SYNNOTUM AEGYPTIACUM	C	15
48.	61678ST12RA20	1	2	512CRISIA ERURNEA	C	15
49.	61678ST12RA20	1	2	513AEVERILLIA SETIGERA	C	15
50.	61678ST12RA20	1	2	514SAVIGNYELLA LAFONTII	C	15
51.	61678ST12RA20	1	2	5HIPHALIOSINA ROSTRIGERA	C	15
52.	61678ST12RA20	1	2	5EUDENDRIUM CARNEUM	C	15
53.	61678ST12RA20	1	2	570BEBLIA DICHOTOMA	C	15
54.	61678ST12RA20	1	2	518CLYTIA SP	C	15
55.	61678ST12RA20	1	2	590DEMOSPONGIAE 1	C	15
56.	61678ST12RA20	1	2	521ASCIDIACEA 1	C	15
57.	61678ST12RA20	1	2	51CRISIA ERURNEA	C	15
58.	61678ST12RA20	1	2	52SAVIGNYELLA LAFONTII	C	15
59.	61678ST12RA20	1	2	53AEVERILLIA SETIGERA	C	15
60.	61678ST12RA20	1	2	54BUGULA NERITINA	C	15
61.	61678ST12RA20	1	2	5RUGULA SP	C	15
62.	61678ST12RA20	1	2	5AETEA ANGUINA	C	15
63.	61678ST12RA20	1	2	578ANTIA MIRABILIS	C	15
64.	61678ST12RA20	1	2	54ANTHIA DISTANS	C	15
65.	61678ST12RA20	1	2	5ANTROPORA TINCTA	C	15
66.	61678ST12RA20	1	2	590DEMOSPONGIAE 2	C	15
67.	61678ST12RA20	1	2	510DEMOSPONGIAE 3	C	15
68.	61678ST12RA20	1	2	510DEMOSPONGIAE 4	C	15
69.	61678ST12RA20	1	2	513CLYTIA SP	C	15
70.	61678ST12RA20	1	2	525SALMACINA SP	C	15
71.	61678ST12RA20	1	2	512ASCIDIACEA 1	C	15
72.	61678ST12RA20	1	2	5SALMACINA SP	C	15
73.	61678ST12RA20	1	2	59BUGULA NERITINA	C	15
74.	61678ST12RA20	1	2	51CRISIA ERURNEA	C	15
75.	61678ST12RA20	1	2	51BUGULA SP	C	15
76.	61678ST12RA20	1	2	512AEVERILLIA SETIGERA	C	15
77.	61678ST12RA20	1	2	513AETEA ANGUINA	C	15
78.	61678ST12RA20	1	2	514HIPHALIOSINA ROSTRIGERA	C	15

79.	61678ST12AA20	4	515ASCIDIACEA 1	R	45
80.	61678ST12AA20	4	527DEMOSPONGIAE 1	R	45
81.	61678ST12AA20	4	528EUENDRIUM CARNEUM	R	45
82.	61678ST12AA20	4	529OBELIA DICHOTOMA	R	45
83.	61678ST12AA20	4	5 ALGAE	R	45
84.	61678ST12AA30	1	5 EUENDRIUM CARNEUM	R	45
85.	61678ST12AA30	1	5 2CLYTIA SP	R	45
86.	61678ST12AA30	1	5 4HALECIUM SP	R	45
87.	61678ST12AA30	1	5 SPARASMITTINA SPATHULATA	R	45
88.	61678ST12AA30	1	5 6CRISIA EBURNEA	R	45
89.	61678ST12AA30	2	5 5AETEA ANGUINA	R	45
90.	61678ST12AA30	2	5 6EUENDRIUM CARNEUM	R	45
91.	61678ST12AA30	2	5 8CLYTIA SP	R	45
92.	61678ST12AA30	3	5 10HALECIUM SP	R	45
93.	61678ST12AA30	3	5 11CLYTIA SP	R	45
94.	61678ST12AA30	3	5 12CAMPALICIUM SP	R	45
95.	61678ST12AA30	3	5 13CAMPANULINA SP	R	45
96.	61678ST12AA30	3	5 15CALCAREA HOMOCOELIDAE	R	45
97.	61678ST12AA30	3	5 16DEMOSPONGIAE 2	R	45
98.	61678ST12AA30	3	5 18ZOANTHIDAE	R	45
99.	61478ST161A10	1	4 1BUGULA NERITINA	R	45
100.	61478ST161A10	1	4 2MEMBRANIPORA SAVARTII	R	45
101.	61478ST161A10	1	4 3BUGULA SP	R	45
102.	61478ST161A10	1	4 4SAVIGNYELLA LAFONTII	R	45
103.	61478ST161A10	1	4 5AETEA ANGUINA	R	45
104.	61478ST161A10	1	4 6CLYTIA SP	R	45
105.	61478ST161A10	1	4 7CALCAREA HOMOCOELIDAE	R	45
106.	61478ST161A10	1	4 8DEMOSPONGIAE 5	R	45
107.	61478ST161A10	1	4 9DEMOSPONGIAE 4	R	45
108.	61478ST161A10	1	4 23ASCIDIACEA 2	R	45
109.	61478ST161A10	1	4 ALGAE	R	45
110.	61478ST161A10	2	4 10OBELIA DICHOTOMA	R	45
111.	61478ST161A10	2	4 11CLYTIA SP	R	45
112.	61478ST161A10	2	4 12BUGULA NERITINA	R	45
113.	61478ST161A10	2	4 13BUGULA SP	R	45
114.	61478ST161A10	2	4 14AETEA ANGUINA	R	45
115.	61478ST161A10	2	4 15SAVIGNYELLA LAFONTII	R	45
116.	61478ST161A10	2	4 16VITTATICELLA CONTEI	R	45
117.	61478ST161A10	2	4 23ASCIDIACEA 2	R	45
118.	61478ST161A10	2	4 ALGAE	R	45
119.	61478ST161A10	3	4 11SALMACINA SP	R	45
120.	61478ST161A10	3	4 18BUGULA NERITINA	R	45
121.	61478ST161A10	3	4 19BUGULA SP	R	45
122.	61478ST161A10	3	4 20AETEA ANGUINA	R	45
123.	61478ST161A10	3	4 21CF. CAULIBUGULA SP	R	45
124.	61478ST161A10	3	4 22SAVIGNYELLA LAFONTII	R	45
125.	61478ST161A10	3	4 23CALCAREA HOMOCOELIDAE	R	45
126.	61478ST161A10	3	4 25TURRITOPSIS NUTRICULA	R	45
127.	61478ST161A10	3	4 26HALECIUM SP	R	45
128.	61478ST161A10	3	4 27CLYTIA SP	R	45
129.	61478ST161A10	3	4 28ASCIDIACEA 2	R	45
130.	61478ST161A10	3	4 ALGAE	R	45
131.	61478ST161A 1	1	4 24SAVIGNYELLA LAFONTII	R	45
132.	61478ST161A 1	1	4 25VITTATICELLA CONTEI	R	45
133.	61478ST161A 1	1	4 26AETEA ANGUINA	R	45
134.	61478ST161A 1	1	4 27BUGULA NERITINA	R	45
135.	61478ST161A 1	1	4 28CALCAREA HOMOCOELIDAE	R	45
136.	61478ST161A 1	1	4 31CLYTIA SP	R	45
137.	61478ST161A 1	1	4 32SERTULARIA TURBINATA	R	45
138.	61478ST161A 1	1	4 ALGAE	R	45
139.	61478ST161A 1	3	4 9BUGULA NERITINA	R	45
140.	61478ST161A 1	4	4 7VITTATICELLA CONTEI	R	45
141.	61478ST161A 1	3	4 8SAVIGNYELLA LAFONTII	R	45
142.	61478ST161A 1	3	4 10AETEA ANGUINA	R	45
143.	61478ST161A 1	3	4 11SERTULARIA TURBINATA	R	45
144.	61478ST161A 1	3	4 12TURRITOPSIS NUTRICULA	R	45
145.	61478ST161A 1	3	4 13CLYTIA SP	R	45
146.	61478ST161A 1	3	4 14CALCAREA HOMOCOELIDAE	R	45
147.	61478ST161A 1	3	4 ALGAE	R	45
148.	61478ST161A 1	4	4 11SAVIGNYELLA LAFONTII	R	45
149.	61478ST161A 1	4	4 12AETEA ANGUINA	R	45
150.	61478ST161A 1	4	4 13BUGULA NERITINA	R	45
151.	61478ST161A 1	4	4 14BUGULA SP	R	45
152.	61478ST161A 1	4	4 15VITTATICELLA CONTEI	R	45
153.	61478ST161A 1	4	4 16TURRITOPSIS NUTRICULA	R	45
154.	61478ST161A 1	4	4 17SERTULARIA TURBINATA	R	45
155.	61478ST161A 1	4	4 18CLYTIA SP	R	45
156.	61478ST161A 1	4	4 19CALCAREA HOMOCOELIDAE	R	45

157.	61478ST161A	1	4	421DEMOSPONGIAE 2	N
158.	61478ST161A	1	4	5ALGAE	V
159.	61478ST161A20	1	5	5BUGULA NERITINA	V
160.	61478ST161A20	1	5	6AETEA ANGUINA	V
161.	61478ST161A20	1	5	7CLEIDOCASMA CONTRACTUM	V
162.	61478ST161A20	1	5	28SCHIZOPORELLA ERRATA	V
163.	61478ST161A20	1	5	8DEMOSPONGIAE 2	V
164.	61478ST161A20	1	5	9DEMOSPONGIAE 6	V
165.	61478ST161A20	1	5	10ASCIDIACEA 2	V
166.	61478ST161A20	1	5	11OBELIA DICHOTOMA	V
167.	61478ST161A20	1	5	12CLYTIA SP	V
168.	61478ST161A20	1	5	13TURRITOPSIS NUTRICULA	V
169.	61478ST161A20	1	5	16SALMACINA SP	V
170.	61478ST161A20	1	5	ALGAE	V
171.	61478ST161A20	1	5	10BUGULA NERITINA	V
172.	61478ST161A20	1	5	11CLEIDOCASMA CONTRACTUM	V
173.	61478ST161A20	1	5	12ASCIDIACEA 2	V
174.	61478ST161A20	1	5	13TURRITOPSIS NUTRICULA	V
175.	61478ST161A20	1	5	14OBELIA DICHOTOMA	V
176.	61478ST161A20	1	5	15DEMOSPONGIAE 7	V
177.	61478ST161A20	1	5	3SALMACINA SP	V
178.	61478ST161A20	1	5	ALGAE	V
179.	61478ST161A20	1	5	5BUGULA NERITINA	V
180.	61478ST161A20	1	5	6CLEIDOCASMA CONTRACTUM	V
181.	61478ST161A20	1	5	7ASCIDIACEA 2	V
182.	61478ST161A20	1	5	8ZUANTHIDEA	V
183.	61478ST161A20	1	5	10TURRITOPSIS NUTRICULA	V
184.	61478ST161A20	1	5	11HALECIUM SP	V
185.	61478ST161A20	1	5	12DEMOSPONGIAE 2	V
186.	61478ST161A20	1	5	13DEMOSPONGIAE 7	V
187.	61478ST161A20	1	5	17SALMACINA SP	V
188.	61478ST161A20	1	5	ALGAE	V
189.	61478ST161A30	1	5	10SALMACINA SP	V
190.	61478ST161A30	1	5	11CLEIDOCASMA CONTRACTUM	V
191.	61478ST161A30	1	5	12SYNTHIUM AEGYPTIACUM	V
192.	61478ST161A30	1	5	15ASCIDIACEA 2	V
193.	61478ST161A30	1	5	14DEMOSPONGIAE 7	V
194.	61478ST161A30	1	5	15DEMOSPONGIAE 8	V
195.	61478ST161A30	1	5	16HALECIUM SP	V
196.	61478ST161A30	1	5	17FENTOPROCTA	V
197.	61478ST161A30	1	5	7SALMACINA SP	V
198.	61478ST161A30	1	5	8BUGULA NERITINA	V
199.	61478ST161A30	1	5	9SAVIGNYELLA LAFONTII	V
200.	61478ST161A30	1	5	10ZUANTHIDEA	V
201.	61478ST161A30	1	5	11ASCIDIACEA 2	V
202.	61478ST161A30	1	5	12DEMOSPONGIAE 7	V
203.	61478ST161A30	1	5	13FENTOPROCTA	V
204.	61478ST161A30	1	5	14TURRITOPSIS NUTRICULA	V
205.	61478ST161A30	1	5	15HALECIUM SP	V
206.	61478ST161A30	1	5	10ANTROPORA TINCTA	V
207.	61478ST161A30	1	5	11BUGULA NERITINA	V
208.	61478ST161A30	1	5	12CLYTIA SP	V
209.	61478ST161A30	1	5	13FENTOPROCTA	V
210.	61478ST161A30	1	5	14CALCAREA HOMOCCELIDAE	V
211.	61478ST161A30	1	5	16ZUANTHIDEA	V
212.	61778 WD32A	1	4	9CLYTIA SP	V
213.	61778 WD32A	1	4	10OBELIA DICHOTOMA	V
214.	61778 WD32A	1	4	11AEVERILLIA SETIGERA	V
215.	61778 WD32A	1	4	12AETEA ANGUINA	V
216.	61778 WD32A	1	4	13HIPPOPORINA AMERICANA	V
217.	61778 WD32A	1	4	15MEMBRANIPORA SAVARTII	V
218.	61778 WD32A	1	4	14DEMOSPONGIAE 9	V
219.	61778 WD32A	1	4	10HIPPOPORINA AMERICANA	V
220.	61778 WD32A	1	4	11AETEA ANGUINA	V
221.	61778 WD32A	1	4	12AEVERILLIA SETIGERA	V
222.	61778 WD32A	1	4	13CLYTIA SP	V
223.	61778 WD32A	1	4	10OBELIA DICHOTOMA	V
224.	61778 WD32A	1	4	7MEMBRANIPORA SAVARTII	V
225.	61778 WD32A	1	4	8AETEA ANGUINA	V
226.	61778 WD32A	1	4	9AEVERILLIA SETIGERA	V
227.	61778 WD32A	1	4	10CLYTIA SP	V
228.	61778 WD32A	1	4	11OBELIA DICHOTOMA	V
229.	61778 WD32A	1	4	ALGAE	V
230.	61778 WD32A10	1	4	16CLIONIDAE	V
231.	61778 WD32A10	1	4	17DEMOSPONGIAE 1	V
232.	61778 WD32A10	1	4	18DEMOSPONGIAE 4	V
233.	61778 WD32A10	1	4	19AEVERILLIA SETIGERA	V
234.	61778 WD32A10	1	4	20AETEA ANGUINA	V

235.	6177R	WD32A10	2	422BUGULA SP	R
236.	6177R	WD32A10	2	423OBELIA DICHOTOMA	R
237.	6177R	WD32A10	2	424CLYTIA SP	R
238.	6177R	WD32A10	2	425TURRITOPSIS NUTRICULA	R
239.	6177R	WD32A10	2	426EUENDRIUM CARNEUM	R
240.	6177R	WD32A10	3	412PARASMITTINA MUNITA	R
241.	6177R	WD32A10	3	413AEVERILLIA SETIGERA	R
242.	6177R	WD32A10	3	414BUGULA SP	R
243.	6177R	WD32A10	3	415EUENDRIUM CARNEUM	R
244.	6177R	WD32A10	3	416TURRITOPSIS NUTRICULA	R
245.	6177R	WD32A10	3	417CLYTIA SP	R
246.	6177R	WD32A10	3	418OBELIA DICHOTOMA	R
247.	6177R	WD32A10	3	419ASCIDIACEA 2	R
248.	6177R	WD32A10	4	410PARASMITTINA MUNITA	R
249.	6177R	WD32A10	4	411AEVEPILLIA SETIGERA	R
250.	6177R	WD32A10	4	412BUGULA SP	R
251.	6177R	WD32A10	4	413OBELIA DICHOTOMA	R
252.	6177R	WD32A10	4	414CLYTIA SP	R
253.	6177R	WD32A10	4	415EUENDRIUM CARNEUM	R
254.	6177R	WD32A10	4	416TURRITOPSIS NUTRICULA	R
255.	6177R	WD32A10	4	417ASCIDIACEA 2	R
256.	6177R	WD32A10	4	418CLONIDAE	R
257.	6177R	WD32A10	4	419CALCAREA HOMOCOELIDAE	R
258.	6177R	WD32A10	5	417OBELIA DICHOTOMA	R
259.	6177R	WD32A10	5	418EUENDRIUM CARNEUM	R
260.	6187R	WD32E10	5	419TURRITOPSIS NUTRICULA	R
261.	6187R	WD32E10	5	420CLYTIA SP	R
262.	6187R	WD32E10	5	421PARASMITTINA MUNITA	R
263.	6187R	WD32E10	5	422AEVERILLIA SETIGERA	R
264.	6187R	WD32E10	5	423BUGULA SP	R
265.	6187R	WD32E10	5	424CLONIDAE	R
266.	6187R	WD32E10	5	425ASCIDIACEA 2	R
267.	6187R	WD32E10	6	417PARASMITTINA MUNITA	R
268.	6187R	WD32E10	6	418BUGULA SP	R
269.	6187R	WD32E10	6	419AEVERILLIA SETIGERA	R
270.	6187R	WD32E10	6	421TURRITOPSIS NUTRICULA	R
271.	6187R	WD32E10	6	422EUENDRIUM CARNEUM	R
272.	6187R	WD32E10	6	423CLYTIA SP	R
273.	6187R	WD32E10	6	424CLONIDAE	R
274.	6187R	WD32E10	6	426DEMOSPONGIAE 9	R
275.	6187R	WD32E10	6	425CALCAREA HOMOCOELIDAE	R
276.	6187R	WD32E10	6	427ASCIDIACEA 1	R
277.	6187R	WD32E10	6	428ASCIDIACEA 2	R
278.	6187R	WD32E10	8	417PARASMITTINA MUNITA	R
279.	6187R	WD32E10	8	418AETEA ANGUINA	R
280.	6187R	WD32E10	8	419AEVERILLIA SETIGERA	R
281.	6187R	WD32E10	8	420BUGULA NERITINA	R
282.	6187R	WD32E10	8	421BUGULA SP	R
283.	6187R	WD32E10	8	422TURRITOPSIS NUTRICULA	R
284.	6187R	WD32E10	8	423EUENDRIUM CARNEUM	R
285.	6187R	WD32E10	8	424CLYTIA SP	R
286.	6187R	WD32E10	8	425CALCAREA HOMOCOELIDAE	R
287.	6187R	WD32E10	8	426DEMOSPONGIAE 9	R
288.	6187R	WD32E10	8	427ASCIDIACEA 2	R
289.	6197R	HM3K110	1	418AEVERILLIA SETIGERA	R
290.	6197R	HM3K110	1	419OBELIA DICHOTOMA	R
291.	6197R	HM3K110	1	410CLYTIA SP	R
292.	6197R	HM3K110	3	411OBELIA DICHOTOMA	R
293.	6197R	HM3K110	3	410AEVERILLIA SETIGERA	R
294.	6197R	HM3K110	3	411CLONIDAE	R
295.	6197R	HM3K110	4	410SCHIZOPORELLA ERRATA	R
296.	6197R	HM3K110	4	411AEVERILLIA SETIGERA	R
297.	6197R	HM3K110	4	412OBELIA DICHOTOMA	R
298.	6197R	HM3K110	4	413CLONIDAE	R
299.	6197R	HM3K110	1	414OBELIA DICHOTOMA	R
300.	6197R	HM3K110	1	412AEVERILLIA SETIGERA	R
301.	6197R	HM3K110	1	413AETEA ANGUINA	R
302.	6197R	HM3K110	1	414MEMBRANIPORIDAE	R
303.	6197R	HM3K110	1	415CLONIDAE	R
304.	6197R	HM3K110	1	416DEMOSPONGIAE 9	R
305.	6197R	HM3K110	1	417ALGAE	R
306.	6197R	HM3K110	1	412CLONIDAE	R
307.	6197R	HM3K110	1	413DEMOSPONGIAE 2	R
308.	6197R	HM3K110	1	414CALCAREA HOMOCOELIDAE	R
309.	6197R	HM3K110	1	415AEVERILLIA SETIGERA	R
310.	6197R	HM3K110	1	416AETEA ANGUINA	R
311.	6197R	HM3K110	1	417OBELIA DICHOTOMA	R
312.	6197R	HM3K110	2	418TURRITOPSIS NUTRICULA	R

PAGE 5 DISCRETE/SAX PLATFORM ASSOCIATED FIGTA - Raw Data - SET 1

313.	61978	HM3KN	1	2	4	ALGAF	C	20
314.	61978	HM3KN	1	4	414	AETEA ANGUINA	C	45
315.	61978	HM3KN	1	4	415A	EVFRILLIA SETIGERA	C	20
316.	61978	HM3KN	1	4	416	HEFLIA DICHOTOMA	C	20
317.	61978	HM3KN	1	4	417	TURRITOPSIS NUTRICULA	R	5
318.	61978	HM3KN	1	4	418	CLYTTIA SP	R	5
319.	61978	HM3KN	1	4	419	CLIONIDAE	C	30
320.	61978	HM3KN	1	4	4	ALGAF	C	20

1.	061778	WD32A	1	1	BALANUS AMPHITRITE	129	16	145	195	5131.6	
2.	061778	WD32A	1	1	BALANUS TINIINNAHULUM	1	0	12	38461.724		
3.	061778	WD32A	1	1	BALANUS FBURNEUS	2	1	33	28542.432		
4.	061778	WD32A	1	1	BALANUS IMPROVISUS	174	31	20530	00419.63		
5.	061778	WD32A	1	1	ISOGNOMON BICOLOR			4	4899.2719		
6.	061778	WD32A	1	1	1CAPRELLA EQUILIBRA			7	.0008.0000		
7.	061778	WD32A	1	1	2STENOTHOE SP			116	.0150.0032		
8.	061778	WD32A	1	1	3COROPHIUM SP			37	.0037.0010		
9.	061778	WD32A	1	1	4COROPHIUM SP					30.0000.0000	
10.	061778	WD32A	1	1	4NEANTHES SUCCINEA			2	.0105.0016		
11.	061778	WD32A	1	1	4SPYCNOCONIDA			1	.0001.0000		
12.	061778	WD32A	1	1	7NEMERTEA			4	.0005.0001		
13.	061778	WD32A	1	1	8ACTINIARIA			7	.0231.0071		
14.	061778	WD32A	1	1	BALANUS AMPHITRITE	146	23	169	226.0154.2		
15.	061778	WD32A	1	1	BALANUS IMPROVISUS	168	36	20426	99717.74		
16.	061778	WD32A	1	1	BALANUS FBURNEUS	0	2	23	15052.754		
17.	061778	WD32A	1	1	OSTREA EQUESTRIS			1	.0972.0581		
18.	061778	WD32A	1	1	LITHOPHAGA ARISTATA			1	.0216.0097		
19.	061778	WD32A	1	1	ISOGNOMON BICOLOR			5	.3393.2017		
20.	061778	WD32A	1	1	ASPHAEROMA SP					5	.0905.0103
21.	061778	WD32A	1	1	1CAPRELLA EQUILIBRA			10	.0049.0007		
22.	061778	WD32A	1	1	2STENOTHOE SP			168	.0173.0050		
23.	061778	WD32A	1	1	3COROPHIUM SP			50	.0102.0016		
24.	061778	WD32A	1	1	4NEANTHES SUCCINEA			4	.0575.0104		
25.	061778	WD32A	1	1	4SPYCNOCONIDA			3	.0003.0000		
26.	061778	WD32A	1	1	4NEMERTEA			4	.0007.0002		
27.	061778	WD32A	1	1	7PLATYHELMINTHES			1	.0000.0000		
28.	061778	WD32A	1	1	8DDTU UVA					10.0000.0000	
29.	061778	WD32A	1	1	9ACTINIARIA			15	.0231.0057		
30.	061778	WD32A	1	1	BALANUS AMPHITRITE	109	10	119	203.1135.1		
31.	061778	WD32A	1	1	ISOGNOMON BICOLOR			2	.2284.1045		
32.	061778	WD32A	1	1	BALANUS IMPROVISUS	231	30	26139	49625.19		
33.	061778	WD32A	1	1	4EURYPANDEUS DEPRESSUS			6	.0033.0005		
34.	061778	WD32A	1	1	1CAPRELLA EQUILIBRA			112	.0081.0024		
35.	061778	WD32A	1	1	2STENOTHOE SP			20	.0032.0006		
36.	061778	WD32A	1	1	3COROPHIUM SP			1	.0028.0004		
37.	061778	WD32A	1	1	4NEANTHES SUCCINEA			2	.0000.0000		
38.	061778	WD32A	1	1	4SPYCNOCONIDA			3	.0013.0001		
39.	061778	WD32A	1	1	6ACTINIARIA	70	82	152	274.6193.2		
40.	061778	WD32A10	1	1	BALANUS AMPHITRITE	15	11	264	16462.544		
41.	061778	WD32A10	1	1	BALANUS IMPROVISUS			2	18.0	12.4	
42.	061778	WD32A10	1	1	BALANUS FBURNEUS			28	568	451	
43.	061778	WD32A10	1	1	OSTREA EQUESTRIS			31	048	551	
44.	061778	WD32A10	1	1	LITHOPHAGA BISCULATA			71	6296	8073	
45.	061778	WD32A10	1	1	LITHOPHAGA ARISTATA			26	16.5	11.8	
46.	061778	WD32A10	1	1	CHAMA MACEOPHYLLA			5	.0256.6660		
47.	061778	WD32A10	1	1	ANADARA TRANSVERSA					10.0503.0362	
48.	061778	WD32A10	1	1	ANADARA TRANSVERSA						
49.	061778	WD32A10	1	1	ISOGNOMON BICOLOR			181	82761.033		
50.	061778	WD32A10	1	1	PSUDOMEDAUS AGASSIZII			162	8835.9350		
51.	061778	WD32A10	1	1	MENIPPE MERCENARIA			1	.1508.0522		
52.	061778	WD32A10	1	1	SYNALPHEUS FRITZMUELLERI			1	.1691.0327		
53.	061778	WD32A10	1	1	1CAPRELLA EQUILIBRA			6	.0027.0002		
54.	061778	WD32A10	1	1	2STENOTHOE SP			7	.0003.0000		
55.	061778	WD32A10	1	1	3COROPHIUM SP			2	.0006.0002		
56.	061778	WD32A10	1	1	4ARRAKIA SP			11	.0000.0000		
57.	061778	WD32A10	1	1	4PHRRANTIA SP					40.0000.0000	
58.	061778	WD32A10	1	1	4SEXOGONE DISPAR					20.0000.0000	
59.	061778	WD32A10	1	1	4CTENDRILUS SP			2	.0000.0000		
60.	061778	WD32A10	1	1	4TODONTOSYLLIS SP			4	.0000.0000		
61.	061778	WD32A10	1	1	4AUTOLYTUS SP			1	.0000.0000		
62.	061778	WD32A10	1	1	4NEANTHES SUCCINEA			2	.0001.0000		
63.	061778	WD32A10	1	1	4OTYPOSYLLIS SP			6	.0007.0001		
64.	061778	WD32A10	1	1	41POLYDORA SP					30.0381.0093	
65.	061778	WD32A10	1	1	412PHIDROMUS OBSCURA					10.0016.0004	
66.	061778	WD32A10	1	1	41SPHRODIS SP					20.0033.0004	
67.	061778	WD32A10	1	1	41NEMERTEA			4	.0000.0000		
68.	061778	WD32A10	1	1	41ACTINIARIA			7	.0187.0048		
69.	061778	WD32A10	1	1	42EPIITONIUM HUMPHREYSII					10.0021.0003	
70.	061778	WD32A10	1	1	BALANUS AMPHITRITE	84120	204	388	4305.5		
71.	061778	WD32A10	1	1	BALANUS FBURNEUS	2	3	523	18118.73		
72.	061778	WD32A10	1	1	BALANUS IMPROVISUS	52	81	13314	49310.25		
73.	061778	WD32A10	1	1	CHALANUS CALIDUS	0	1	1		0.4791.2927	
74.	061778	WD32A10	1	1	BALANUS CALIDUS	0	1	10	.8291.7097		
75.	061778	WD32A10	1	1	ISOGNOMON BICOLOR			162	06091.361		
76.	061778	WD32A10	1	1	LITHOPHAGA BISCULATA			5	.4749.1995		
77.	061778	WD32A10	1	1	LITHOPHAGA ARISTATA			113	06011.550		
78.	061778	WD32A10	1	1	ANADARA TRANSVERSA			113	08511.909		





157.	061878	WD32E10	6	BALANUS EBURNEUS	2	3	52.92822.568	
158.	061878	WD32E10	6	ARALANUS CALIDUS	1	0		0.1489.1326
159.	061878	WD32E10	6	LITHOPHAGA ARISTATA	1		.0328.0209	
160.	061878	WD32E10	6	CHAMA MACEROPHYLLA	12		11.2 8.9	
161.	061878	WD32E10	6	OSTREA EQUESTRIS	36		344.2289.2	
162.	061878	WD32E10	6	ISOGNOMON BICOLOR	81		3777.8787	
163.	061878	WD32E10	6	LITHOPHAGA BISCULATA	3		.0587.0337	
164.	061878	WD32E10	6	PSEUDOMEDAUS AGASSIZII	202		0029.6735	
165.	061878	WD32E10	6	MENIPPE MERCENARIA	61		1364.3324	
166.	061878	WD32E10	6	ANADARA TRANSVERSA	1		.0474.0299	
167.	061878	WD32E10	6	4CAPRELLA EQUILIBRA	4		.0039.0003	
168.	061878	WD32E10	6	4STENOHOE SP	3		.0000.0000	
169.	061878	WD32E10	6	4SPODOCERUS BRASILIENSIS	4		.0016.0002	
170.	061878	WD32E10	6	4NEANTHES SUCCINEA	1		.0251.0047	
171.	061878	WD32E10	6	4SRHANIA SP	3		.0000.0000	
172.	061878	WD32E10	6	4SEXOGONE DISPAR	2		.0000.0000	
173.	061878	WD32E10	6	4AUTOLYTUS SP	3		.0002.0000	
174.	061878	WD32E10	6	4SYLLIS SP	1		.0001.0000	
175.	061878	WD32E10	6	4DODONOSYLLIS SP	1		.0000.0000	
176.	061878	WD32E10	6	4DODECACERTA SP	1		.0001.0000	
177.	061878	WD32E10	6	4IPOLYDORA SP	1		.0006.0001	
178.	061878	WD32E10	6	4TYPOSYLLIS SP	1		.0006.0000	
179.	061878	WD32E10	6	4NEMERTEA	8		.0007.0002	
180.	061878	WD32E10	6	4ACTINIARIA	5		.0025.0003	
181.	061878	WD32E10	6	4SPHORONIS SP	1		.0001.0000	
182.	061878	WD32E10	6	46DOTU UVA				1.00000.0000
183.	061878	WD32E10	8	BALANUS AMPHITRITE	42105	147	205 2137.8	
184.	061878	WD32E10	8	BALANUS IMPROVISUS	5	13	181.40311.325	
185.	061878	WD32E10	8	BALANUS EBURNEUS	0	2	229.32898.306	
186.	061878	WD32E10	8	OSTREA EQUESTRIS	25		2458.8204.8	
187.	061878	WD32E10	8	ISOGNOMON BICOLOR	4		.6451.5045	
188.	061878	WD32E10	8	ANADARA TRANSVERSA	3		.4539.2890	
189.	061878	WD32E10	8	ARABAIITA TENERA				10.1103.0727
190.	061878	WD32E10	8	LITHOPHAGA BISCULATA	6		.1680.0676	
191.	061878	WD32E10	8	CHAMA MACEROPHYLLA	18		29.1 21.6	
192.	061878	WD32E10	8	LITHOPHAGA ARISTATA	2		.5406.2587	
193.	061878	WD32E10	8	PSEUDOMEDAUS AGASSIZII	272		7029.7486	
194.	061878	WD32E10	8	MENIPPE MERCENARIA	61		1683.3068	
195.	061878	WD32E10	8	SYNALPHEUS FRITZMUELLERI	4		.6287.0876	
196.	061878	WD32E10	8	4CAPRELLA EQUILIBRA	1		.0001.0000	
197.	061878	WD32E10	8	4CAPRELLA FUSILLA				3.00000.0000
198.	061878	WD32E10	8	4SPODOCERUS BRASILIENSIS	4		.0001.0000	
199.	061878	WD32E10	8	4STENOHOE SP	1		.0000.0000	
200.	061878	WD32E10	8	4NEMERTEA	8		.0000.0000	
201.	061878	WD32E10	8	4ACTINIARIA	2		.0018.0005	
202.	061878	WD32E10	8	4NEANTHES SUCCINEA	1		.0000.0000	
203.	061878	WD32E10	8	4SEXOGONE DISPAR	1		.0000.0000	
204.	061878	WD32E10	8	4AUTOLYTUS SP	1		.0001.0000	
205.	061878	WD32E10	8	4TYPOSYLLIS SP	5		.0004.0001	
206.	061878	WD32E10	8	4SRHANIA SP	3		.0000.0000	
207.	061878	WD32E10	8	4DODONOSYLLIS SP	3		.0000.0000	
208.	061878	WD32E10	8	4IPOLYDORA SP	1		.0001.0000	
209.	061878	WD32E10	8	4DODECACERTA SP	1		.0001.0000	
210.	061878	WD32E10	8	4SEUPOMATUS DIANTHUS				10.0268.0008
211.	061878	WD32E10	8	46DOTU UVA				1.00000.0000
212.	061878	WD32E10	8	4SPHORONIS SP				
213.	061978	HM3KN	1	BALANUS AMPHITRITE	613	47	660 321.4223.9	
214.	061978	HM3KN	1	BALANUS IMPROVISUS	103	14	11720.87515.29	
215.	061978	HM3KN	1	BALANUS EBURNEUS	0	1	1.2811.2758	
216.	061978	HM3KN	1	ISOGNOMON BICOLOR	3		.6154.3969	
217.	061978	HM3KN	1	OSTREA EQUESTRIS	54		18083.552	
218.	061978	HM3KN	1	LITHOPHAGA BISCULATA	1		.0613.0281	
219.	061978	HM3KN	1	MENIPPE MERCENARIA	2		.1980.0639	
220.	061978	HM3KN	1	4STENOHOE SP	80		.0103.0074	
221.	061978	HM3KN	1	4JASSA FALCATA	1		.0033.0006	
222.	061978	HM3KN	1	4SCORPIUM SP	1		.0000.0000	
223.	061978	HM3KN	1	4CAPRELLA EQUILIBRA	8		.0017.0004	
224.	061978	HM3KN	1	4SYLLIS SP	3		.0041.0009	
225.	061978	HM3KN	1	4NEANTHES SUCCINEA	1		.0001.0000	
226.	061978	HM3KN	1	4TYPOSYLLIS SP	4		.0005.0001	
227.	061978	HM3KN	1	4NEMERTEA				10.0014.0003
228.	061978	HM3KN	1	4ACTINIARIA	14		.0016.0003	
229.	061978	HM3KN	1	4BALANUS AMPHITRITE	192		.6122.1360	
230.	061978	HM3KN	1	BALANUS IMPROVISUS	583	72	655 437.7274.8	
231.	061978	HM3KN	1	BALANUS EBURNEUS	77	24	10116.75413.9	
232.	061978	HM3KN	1	OSTREA EQUESTRIS	14		.770 13.4	
233.	061978	HM3KN	1	ISOGNOMON BICOLOR	7		.7665.6240	
234.	061978	HM3KN	1	LITHOPHAGA ARISTATA	51		.1120.6302	

235.	061978	HM3KN	1	2	ANADARA TRANSVERSA	31.4217.8122			
236.	061978	HM3KN	1	2	LITHOPHAGA RISCULATA	1.0500.0246			
237.	061978	HM3KN	1	2	MENIPPE MERCENARIA	51.5813.5199			
238.	061978	HM3KN	1	2	SIPUNCULA	1.0102.0033			
239.	061978	HM3KN	1	2	ACTINIARIA	211.8483.1716			
240.	061978	HM3KN	1	2	2NEMERTEA	29.0052.0008			
241.	061978	HM3KN	1	2	3STENOTHOE SP	109.0105.0019			
242.	061978	HM3KN	1	2	4COROPHIUM SP	4.0005.0001			
243.	061978	HM3KN	1	2	5JASSA FALCATA	10.0008.0001			
244.	061978	HM3KN	1	2	6CAPRELLA EQUILIBRA	5.0001.0000			
245.	061978	HM3KN	1	2	7SYLLIS SP	20.0188.0036			
246.	061978	HM3KN	1	2	8NEANTHES SUCCINEA	1.0000.0000			
247.	061978	HM3KN	1	2	9TYPOSYLLIS SP	20.0013.0007			
248.	061978	HM3KN	1	2	10AUTOLYTUS SP	1.0000.0000			
249.	061978	HM3KN	1	2	11SYLLINAE	1.0004.0000			
250.	061978	HM3KN	1	2	419KELLIA SUBORNICULARIS	1.0108.0078			
251.	061978	HM3KN	1	2	BALANUS AMPHITRITE	604 88 692 352.7237.1			
252.	061978	HM3KN	1	2	BALANUS IMPROVISUS	40 52 9213.15110.19			
253.	061978	HM3KN	1	2	BALANUS EBURNEUS	3 1 45.94224.505			
254.	061978	HM3KN	1	2	OSTREA EQUESTRIS	15 17.0 12.4			
255.	061978	HM3KN	1	2	ISOGNOMON BICOLOR	82.19831.490			
256.	061978	HM3KN	1	2	LITHOPHAGA ARISTATA	1.0215.0103			
257.	061978	HM3KN	1	2	MENIPPE MERCENARIA	2.6559.1992			
258.	061978	HM3KN	1	2	1STENOTHOE SP	16.0001.0000			
259.	061978	HM3KN	1	2	42COROPHIUM SP	4.0001.0000			
260.	061978	HM3KN	1	2	3CAPRELLA EQUILIBRA	43.0148.0019			
261.	061978	HM3KN	1	2	4NEMERTEA	40.0049.0010			
262.	061978	HM3KN	1	2	5POLYDORA SP	1.0005.0002			
263.	061978	HM3KN	1	2	6NEANTHES SUCCINEA	1.0009.0002			
264.	061978	HM3KN	1	2	7SYLLIS SP	3.0026.0005			
265.	061978	HM3KN	1	2	8TYPOSYLLIS SP	6.0008.0001			
266.	061978	HM3KN	1	2	9BRANIA SP	2.0000.0000			
267.	061978	HM3KN	1	2	40EUGONE DISPAR	1.0000.0000			
268.	061978	HM3KN	1	2	41ACTINIARIA	199.7879.1744			
269.	061978	HM3KN	1	2	42PLATYHELMINTHES	1.0002.0000			
270.	061978	HM3KN	1	2	43DOTO UVA				10.0000.0000
271.	061978	HM3KN	10	1	BALANUS AMPHITRITE	335186 521 612.6472.0			
272.	061978	HM3KN	10	1	BALANUS EBURNEUS	2 1 314.68111.64			
273.	061978	HM3KN	10	1	BALANUS IMPROVISUS	215 47 26223.18616.07			
274.	061978	HM3KN	10	1	OSTREA EQUESTRIS	48 74.5 62.8			
275.	061978	HM3KN	10	1	ISOGNOMON BICOLOR	1.0948.0816			
276.	061978	HM3KN	10	1	CHAMA MACEROPHYLLA	31.1066.6639			
277.	061978	HM3KN	10	1	LITHOPHAGA RISCULATA	8.8823.3674			
278.	061978	HM3KN	10	1	LITHOPHAGA ARISTATA	2.6987.3174			
279.	061978	HM3KN	10	1	ANADARA TRANSVERSA	4.6231.8520			
280.	061978	HM3KN	10	1	PSEUDOMEDAUS AGASSIZII	152.5493.9024			
281.	061978	HM3KN	10	1	MENIPPE MERCENARIA	6.7485.2458			
282.	061978	HM3KN	10	1	1STENOTHOE SP	1.0000.0000			
283.	061978	HM3KN	10	1	2EUPOMATUS DIANTHUS	1.0028.0007			
284.	061978	HM3KN	10	1	3SYLLIS SP	3.0012.0004			
285.	061978	HM3KN	10	1	4TYPOSYLLIS SP	6.0004.0002			
286.	061978	HM3KN	10	1	5POLYDORA SP	2.0020.0004			
287.	061978	HM3KN	10	1	6LUMBRINERIS INFLATA	10.0271.0085			
288.	061978	HM3KN	10	1	7ACTINIARIA	74.3938.0910			
289.	061978	HM3KN	10	3	BALANUS AMPHITRITE	360128 488 477.7393.1			
290.	061978	HM3KN	10	3	BALANUS IMPROVISUS	91 44 1357.06986.052			
291.	061978	HM3KN	10	3	BALANUS EBURNEUS	13 9 221.81371.589			
292.	061978	HM3KN	10	3	CHAMA MACEROPHYLLA	21.0667.8538			
293.	061978	HM3KN	10	3	ISOGNOMON BICOLOR	1.1096.1054			
294.	061978	HM3KN	10	3	OSTREA EQUESTRIS	37.46.6 42.1			
295.	061978	HM3KN	10	3	LITHOPHAGA RISCULATA	3.6400.0757			
296.	061978	HM3KN	10	3	ANADARA TRANSVERSA	2.9507.3302			
297.	061978	HM3KN	10	3	LITHOPHAGA ARISTATA	1.5222.0236			
298.	061978	HM3KN	10	3	PSEUDOMEDAUS AGASSIZII	111.3886.2882			
299.	061978	HM3KN	10	3	MENIPPE MERCENARIA	51.6692.3599			
300.	061978	HM3KN	10	3	4COROPHIUM SP	1.0004.0002			
301.	061978	HM3KN	10	3	2STENOTHOE SP	1.0000.0000			
302.	061978	HM3KN	10	3	3NEANTHES SUCCINEA	3.0023.0004			
303.	061978	HM3KN	10	3	4SYLLIS SP	10.0083.0019			
304.	061978	HM3KN	10	3	5AUTOLYTUS SP	1.0007.0001			
305.	061978	HM3KN	10	3	6TYPOSYLLIS SP	7.0006.0001			
306.	061978	HM3KN	10	3	7TYPOSYLLIS SP				2.0000.0000
307.	061978	HM3KN	10	3	8ACTINIARIA	202131 161 5811.1343			
308.	061978	HM3KN	10	4	BALANUS AMPHITRITE	333 321.6272.0			
309.	061978	HM3KN	10	4	BALANUS IMPROVISUS	50 45 956.19515.727			
310.	061978	HM3KN	10	4	BALANUS EBURNEUS	3 3 6 329.2886			
311.	061978	HM3KN	10	4	CHAMA MACEROPHYLLA	1.3770.2742			
312.	061978	HM3KN	10	4	OSTREA EQUESTRIS	23 40.0 36.0			

313.	061978	HM3KM10	4	LITHOPHAGA BISCULATA	5	.7121.3056			
314.	061978	HM3KM10	4	ANADARA TRANSVERSA	2	.1600.1499			
315.	061978	HM3KM10	4	PSUDOMEDAFUS AGASSIZII	101	.4600.4745			
316.	061978	HM3KM10	4	MENIPPE MENENARTA	6	.8936.2917			
317.	061978	HM3KM10	4	1NEANTHES SUCCINEA	4	.0109.0016			
318.	061978	HM3KM10	4	2PUPMATUS DIANTHUS	1	.0011.0001			
319.	061978	HM3KM10	4	3POLYDORA SP	2	.0012.0001			
320.	061978	HM3KM10	4	4SYLLIS SP	6	.0015.0001			
321.	061978	HM3KM10	4	5TYPSYLLIS SP	8	.0007.0001			
322.	061978	HM3KM10	4	6POTAMILLA SP	2	.0000.0000			
323.	061978	HM3KM10	4	7POTAMILLA SP			10.0002.0000		
324.	061978	HM3KM10	4	8STENOHOE SP	1	.0000.0000			
325.	061978	HM3KM10	4	9ACTINIARIA	122	.3953.0991			
326.	061578ST128A	1	1	BALANUS AMPHITRITE	11 20	31	23.7	18.6	
327.	061578ST128A	1	1	OSTREA EQUESTRIS		2	3.9	3.2	
328.	061578ST128A	1	1	ISOGNOMON BICOLOR	485	353.3	214.4		
329.	061578ST128A	1	1	CHAMA MACROPHYLLA	16	56.6	43.2		
330.	061578ST128A	1	1	LITHOPHAGA BISCULATA	1.0243	.0138			
331.	061578ST128A	1	1	LITHOPHAGA ARISTATA	4.7857	.4359			
332.	061578ST128A	1	1	AHIATELLA ARCTICA			10.2488.2254		
333.	061578ST128A	1	1	ARCA IMBRICATA	32.46101	.542			
334.	061578ST128A	1	1	BARCA IMBRICATA			18.39845.262		
335.	061578ST128A	1	1	SIPUNCULA	2.1637	.0360			
336.	061578ST128A	1	1	CSIPUNCULA			40.32740.072		
337.	061578ST128A	1	1	SYNALPHEUS FRITZMUELLERI	1	.0865	.0196		
338.	061578ST128A	1	4	10PHACTIS SAVIGNYI	2811	.4214	.6456		
339.	061578ST128A	1	4	2SYLLIS SP	59	.0700	.0131		
340.	061578ST128A	1	4	3STENORILUS SP	15	.0090	.0000		
341.	061578ST128A	1	4	4NEANTHES SUCCINEA	1	.0029	.0008		
342.	061578ST128A	1	4	5DORVILLEA SP	1	.0004	.0001		
343.	061578ST128A	1	4	6HAPLOSYLLIS SPONGICOLA	9	.0014	.0000		
344.	061578ST128A	1	4	7AUTOLYTUS SP	2	.0000	.0000		
345.	061578ST128A	1	4	8RRANIA SP	7	.0000	.0000		
346.	061578ST128A	1	4	9FUSYLLIS SP	2	.0001	.0000		
347.	061578ST128A	1	4	10TYPOSYLLIS SP	20	.0006	.0003		
348.	061578ST128A	1	4	11TYPOSYLLIS SP			40.0035.0017		
349.	061578ST128A	1	4	12PODOCERUS BRASILIENSIS	1	.0004	.0000		
350.	061578ST128A	1	4	13STENOHOE SP	2	.0000	.0000		
351.	061578ST128A	1	4	14ASSA FALCATA	1	.0007	.0000		
352.	061578ST128A	1	4	15FLASMOPIUS RAPAX	1	.0000	.0000		
353.	061578ST128A	1	4	16CAPRELLA EQUILIBRA	3	.0011	.0000		
354.	061578ST128A	1	4	17PYCNOGONIDA	17	.0099	.0009		
355.	061578ST128A	1	4	18PLATYHELMINTHES	2	.0013	.0000		
356.	061578ST128A	1	4	19NEMERTEA	2	.0000	.0000		
357.	061578ST128A	1	4	20ACTINIARIA	21	.0007	.0001		
358.	061578ST128A	1	4	21ODOT UVA	6	.0057	.0016		
359.	061578ST128A	1	4	22ISOGNOMON BICOLOR	15477	.10045	.00		
360.	061578ST128A	1	4	LITHOPHAGA ARISTATA	10	.3890	.1899		
361.	061578ST128A	1	4	OSTREA EQUESTRIS	42	.4951	.456		
362.	061578ST128A	1	4	CHAMA MACROPHYLLA	66	.1595	.456		
363.	061578ST128A	1	4	ACHAMA MACROPHYLLA			31.99021.634		
364.	061578ST128A	1	4	PTERIA COLYMBUS	310	.8476	.777		
365.	061578ST128A	1	4	THAIS HAEMASTOMA	11	.25831	.004		
366.	061578ST128A	1	4	BALANUS TINTINNABULUM	3	1	41.7070	.4869	
367.	061578ST128A	1	4	BALANUS AMPHITRITE	42	83	12590	.83125	.91
368.	061578ST128A	1	4	BALANUS IMPROVISUS	2	4	60.6476	.1754	
369.	061578ST128A	1	4	SYNALPHEUS FRITZMUELLERI			61.0000	.1651	
370.	061578ST128A	1	4	MICROPANORPE NUTTALLII				10.1302.0469	
371.	061578ST128A	1	4	1HAPLOSYLLIS SPONGICOLA	16	.0034	.0002		
372.	061578ST128A	1	4	2HAPLOSYLLIS SPONGICOLA			30.0040.0003		
373.	061578ST128A	1	4	3SYLLIS SP			30.0110.0014		
374.	061578ST128A	1	4	4SYLLIS SP	17	.0302	.0039		
375.	061578ST128A	1	4	5TYPOSYLLIS SP	2	.0000	.0000		
376.	061578ST128A	1	4	6AUTOLYTUS SP	3	.0011	.0000		
377.	061578ST128A	1	4	7RRANIA SP	4	.0000	.0000		
378.	061578ST128A	1	4	8PYCNOGONIDA	9	.0040	.0002		
379.	061578ST128A	1	4	9PYCNOGONIDA			20.0045.0002		
380.	061578ST128A	1	4	10PHACTIS SAVIGNYI	162	.6680	.4567		
381.	061578ST128A	1	4	11PHACTIS SAVIGNYI			40.0980.0533		
382.	061578ST128A	1	4	12CAPRELLA EQUILIBRA	1	.0000	.0000		
383.	061578ST128A	1	4	13STENOHOE SP	1	.0001	.0000		
384.	061578ST128A	1	4	14NEMERTEA	1	.0000	.0000		
385.	061578ST128A	1	4	15PLATYHELMINTHES	2	.0000	.0000		
386.	061578ST128A	1	4	BALANUS TINTINNABULUM	22	2	24188	.18126	.1
387.	061578ST128A	1	4	BALANUS AMPHITRITE	27	20	4720	.55913	.56
388.	061578ST128A	1	4	BALANUS IMPROVISUS	27	7	343	.53152	.149
389.	061578ST128A	1	4	ISOGNOMON BICOLOR			222163	.9096	.20
390.	061578ST128A	1	4						

391.	061578ST128A	1	4	LITHOPHAGA BISCULATA	50.6489.3241		
392.	061578ST128A	1	4	CHAMA MACEROPHYLLA	1154.58144.58		
393.	061578ST128A	1	4	OSTREA EQUESTRIS	348.52837.72		
394.	061578ST128A	1	4	SYNALPHEUS FRITZMUELLERI	30.3715.1025		
395.	061578ST128A	1	4	PSEUDOMEDAUS AGASSIZII	10.1078.0300		
396.	061578ST128A	1	4	AMITHRAX SP			1 .0850.0264
397.	061578ST128A	1	4	10PHIACTIS SAVIGNYI	2461.4769.6274		
398.	061578ST128A	1	4	7CAPRELLA EQUILIBRA	1.0011.0002		
399.	061578ST128A	1	4	8STENOHOE SP	32.0068.0008		
400.	061578ST128A	1	4	11PODUCERUS BRASILIENSIS	4.0022.0005		
401.	061578ST128A	1	4	12ELASMOPUS RAPAX	2.0001.0000		
402.	061578ST128A	1	4	13TANAIIS SP	1.0000.0000		
403.	061578ST128A	1	4	14PYCNOGONIA	15.0051.0006		
404.	061578ST128A	1	4	15DORVILLEA SP	1.0002.0000		
405.	061578ST128A	1	4	16DORVILLEA SP			20.0039.0019
406.	061578ST128A	1	4	17CTENODRILUS SP	5.0000.0000		
407.	061578ST128A	1	4	18HAPLOSYLLIS SPONGICOLA	3.0004.0000		
408.	061578ST128A	1	4	19SYLLIS SP	24.0235.0049		
409.	061578ST128A	1	4	20DONTOSYLLIS SP	5.0003.0000		
410.	061578ST128A	1	4	21DONTOSYLLIS SP			20.0012.0005
411.	061578ST128A	1	4	22EUSYLLIS SP	13.0018.0003		
412.	061578ST128A	1	4	23FUSYLLIS SP			40.0017.0003
413.	061578ST128A	1	4	24AUTOLYTUS SP	2.0000.0000		
414.	061578ST128A	1	4	25BRANIA SP	3.0000.0000		
415.	061578ST128A	1	4	26TYPOSYLLIS SP	3.0006.0003		
416.	061578ST128A	1	4	27CALCAREA HETEROCOELIDAE	1.0154.0026		
417.	061578ST128A	1	0	43NEMERTEA	1.0010.0004		
418.	061678ST128A10	1	1	OSTREA EQUESTRIS	5220.80176.4		
419.	061678ST128A10	1	1	ISOGNOMON BICOLOR	42.06391.344		
420.	061678ST128A10	1	1	LITHOPHAGA BISCULATA	10.1096.0358		
421.	061678ST128A10	1	1	AMPHITRITE			10.0614.0110
422.	061678ST128A10	1	1	CHAMA MACEROPHYLLA	111.8429.436		
423.	061678ST128A10	1	1	BALANUS TINTINNARILUM	10.0532.0386		
424.	061678ST128A10	1	1	BALANUS AMPHITRITE	11.1355.7721		
425.	061678ST128A10	1	1	SYNALPHEUS FRITZMUELLERI	30.1830.0329		
426.	061678ST128A10	1	1	PSEUDOMEDAUS AGASSIZII	20.4734.1705		
427.	061678ST128A10	1	4	10PHIACTIS SAVIGNYI	2.78810.318		
428.	061678ST128A10	1	4	2HAPLOSYLLIS SPONGICOLA	3.0037.0005		
429.	061678ST128A10	1	4	3SYLLIS SP	3.0020.0002		
430.	061678ST128A10	1	4	4DONTOSYLLIS SP	1.0000.0000		
431.	061678ST128A10	1	4	5TYPOSYLLIS SP	1.0002.0000		
432.	061678ST128A10	1	4	6CTENODRILUS SP	1.0000.0000		
433.	061678ST128A10	1	4	7DODECACERIA SP	1.0000.0000		
434.	061678ST128A10	1	4	8NEMERTEA	11.0017.0000		
435.	061678ST128A10	1	4	9NEMERTEA			40.0048.0001
436.	061678ST128A10	1	4	10CAPRELLA EQUILIBRA	2.0014.0000		
437.	061678ST128A10	1	4	11PODUCERUS BRASILIENSIS	2.0000.0000		
438.	061678ST128A10	1	4	12ERICHTHONIUS BRASILIENSIS	1.0000.0000		
439.	061678ST128A10	1	4	13JASSA FALCATA	1.0017.0001		
440.	061678ST128A10	1	4	14STENOHOE SP	22.0075.0009		
441.	061678ST128A10	1	4	16STENOHOE SP			40.0028.0003
442.	061678ST128A10	1	4	23DOTU UVA			10.0045.0004
443.	061678ST128A10	1	4	25ACTINIARIA	23.0843.0209		
444.	061678ST128A10	3	3	OSTREA EQUESTRIS	3304.30265.6		
445.	061678ST128A10	3	3	ISOGNOMON BICOLOR	47.62796.050		
446.	061678ST128A10	3	3	CHAMA MACEROPHYLLA	756.90047.44		
447.	061678ST128A10	3	3	LITHOPHAGA ARISTATA	22.24511.058		
448.	061678ST128A10	3	3	LITHOPHAGA BISCULATA	20.78810.318		
449.	061678ST128A10	3	3	BALANUS AMPHITRITE	1930.50322.39		
450.	061678ST128A10	3	3	SYNALPHEUS FRITZMUELLERI	20.10790.064		
451.	061678ST128A10	3	3	PSEUDOMEDAUS AGASSIZII	101.39530.434		
452.	061678ST128A10	3	4	1HAPLOSYLLIS SPONGICOLA	2.0006.0001		
453.	061678ST128A10	3	4	2SYLLIS SP	6.0058.0013		
454.	061678ST128A10	3	4	3TYPOSYLLIS SP	3.0002.0000		
455.	061678ST128A10	3	4	4PHIACTIS SAVIGNYI	2.0260.0125		
456.	061678ST128A10	3	4	5NEMERTEA	11.0011.0000		
457.	061678ST128A10	3	4	1ACTINIARIA	36.1217.0276		
458.	061678ST128A10	3	4	12ERICHTHONIUS BRASILIENSIS	5.0074.0009		
459.	061678ST128A10	3	4	13ERICHTHONIUS BRASILIENSIS			30.0104.0013
460.	061678ST128A10	3	4	14PODUCERUS BRASILIENSIS	1.0002.0000		
461.	061678ST128A10	3	4	15JASSA FALCATA	2.0009.0000		
462.	061678ST128A10	3	4	16STENOHOE SP	14.0031.0001		
463.	061678ST128A10	3	4	19CAPRELLA EQUILIBRA	3.0011.0001		
464.	061678ST128A10	4	4	CHAMA MACEROPHYLLA	12164.80145.5		
465.	061678ST128A10	4	4	ISOGNOMON BICOLOR	106.05413.475		
466.	061678ST128A10	4	4	OSTREA EQUESTRIS	249.60043.58		
467.	061678ST128A10	4	4	LITHOPHAGA BISCULATA			10.5023.2948
468.	061678ST128A10	4	4	LITHOPHAGA ARISTATA	21.2167.5869		

469.	061678ST128A10	4	BLITHOPHAGA ARISTATA			11.0467.0212	11.0467.0212
470.	061678ST128A10	4	ANADARA TRANSVERSA			10.0000.0000	
471.	061678ST128A10	4	BALANUS AMPHITRITE	0	0	69.63247.070	
472.	061678ST128A10	4	BALANUS EBURNEUS	0	1	13.52072.781	
473.	061678ST128A10	4	SYNALPHEUS FRITZMUELLERI			20.2176.0308	
474.	061678ST128A10	4	PSEUDOMEDAFUS AGASSIZII			70.4826.1607	
475.	061678ST128A10	4	ARBACIA PUNCTULATA			10.1424.0511	
476.	061678ST128A10	4	LITHOPHAGA PUNCTULATA			1.0039.0007	
477.	061678ST128A10	4	SYLUS SP			8.0073.0015	
478.	061678ST128A10	4	SHAPLOSVELLIS SPONGICOLA			19.0026.0003	
479.	061678ST128A10	4	4TYPOSVELLIS SP			1.0003.0000	
480.	061678ST128A10	4	5DORVILLEA SP			1.0002.0000	
481.	061678ST128A10	4	6ANAITIDES MUCUSA				10.0119.0024
482.	061678ST128A10	4	7AUTOLYTUS SP			18.0141.0028	
483.	061678ST128A10	4	8AUTOLYTUS SP				30.0333.0066
484.	061678ST128A10	4	9EXOGONE DISPAR			1.0000.0000	
485.	061678ST128A10	4	410TYPOSVELLIS SP			1.0000.0000	
486.	061678ST128A10	4	411BANANIA SP			1.0000.0000	
487.	061678ST128A10	4	412FEUSVELLIS SP			4.0000.0000	
488.	061678ST128A10	4	413PHYLACTIS SAVIGNYI			6.0383.0199	
489.	061678ST128A10	4	421NEMERTEA			8.0006.0000	
490.	061678ST128A10	4	422MUSCULUS LATERALIS			1.0030.0014	
491.	061678ST128A10	4	423CAPRELLA EQUILIBRA			10.0132.0013	
492.	061678ST128A10	4	424ERICTHONIUS BRASILIENSIS			4.0024.0003	
493.	061678ST128A10	4	425PODOCERUS BRASILIENSIS			1.0000.0000	
494.	061678ST128A10	4	426STENOTHOE SP			14.0023.0002	
495.	061678ST128A10	4	429ACTINIARIA			117.5241.0712	
496.	061678ST128A20	2	OSTREA EQUESTRIS			3644.65446.9	
497.	061678ST128A20	2	LITHOPHAGA ARISTATA			717.4158.518	
498.	061678ST128A20	2	LITHOPHAGA PUNCTULATA			33.8331.887	
499.	061678ST128A20	2	CHAMA MACEROPHYLLA			412.5598.707	
500.	061678ST128A20	2	SYNALPHEUS FRITZMUELLERI			20.14000.039	
501.	061678ST128A20	2	PSEUDOMEDAFUS AGASSIZII			120.43900.165	
502.	061678ST128A20	2	BALANUS AMPHITRITE	0	2	23.21082.357	
503.	061678ST128A20	2	ARBACIA PUNCTULATA			110.6302.686	
504.	061678ST128A20	2	51TRYPANOSVELLIS SP				20.0060.0007
505.	061678ST128A20	2	52SHAPLOSVELLIS SPONGICOLA			5.0005.0002	
506.	061678ST128A20	2	53SYLUS SP			10.0076.0015	
507.	061678ST128A20	2	54DONTOSVELLIS SP			2.0000.0000	
508.	061678ST128A20	2	55FEUSVELLIS SP			1.0000.0000	
509.	061678ST128A20	2	56TYPOSVELLIS SP			2.0000.0000	
510.	061678ST128A20	2	57TYPOSVELLIS SP			1.0000.0000	
511.	061678ST128A20	2	58POLYDORA SP			1.0046.0008	
512.	061678ST128A20	2	519ACTINIARIA			5.0137.0029	
513.	061678ST128A20	2	52NEMERTEA			3.0006.0000	
514.	061678ST128A20	2	523CAPRELLA EQUILIBRA			14.0172.0014	
515.	061678ST128A20	2	524PARACAPRELLA PUSILLA			14.0085.0008	
516.	061678ST128A20	2	525ERICTHONIUS BRASILIENSIS			46.0290.0045	
517.	061678ST128A20	2	526JASSA FALCATA			9.0027.0003	
518.	061678ST128A20	2	527PODOCERUS BRASILIENSIS			5.0033.0005	
519.	061678ST128A20	2	528STENOTHOE SP			18.0051.0005	
520.	061678ST128A20	4	OSTREA EQUESTRIS			3156.20125.3	
521.	061678ST128A20	4	CHAMA MACEROPHYLLA			1377.45065.80	
522.	061678ST128A20	4	LITHOPHAGA ARISTATA			31.1167.5311	
523.	061678ST128A20	4	BALANUS AMPHITRITE	0	3	34.81623.535	
524.	061678ST128A20	4	PSEUDOMEDAFUS AGASSIZII			201.0746.2908	
525.	061678ST128A20	4	SYNALPHEUS FRITZMUELLERI			10.0433.0084	
526.	061678ST128A20	4	ATELESTO SP				10.0589.0196
527.	061678ST128A20	4	51SHAPLOSVELLIS SPONGICOLA			3.0008.0000	
528.	061678ST128A20	4	52DONTOSVELLIS SP			30.0001.0000	
529.	061678ST128A20	4	53AUTOLYTUS SP			1.0000.0000	
530.	061678ST128A20	4	54FEUSVELLIS SP			1.0000.0000	
531.	061678ST128A20	4	55PHYLACTIS SAVIGNYI			2.0076.0024	
532.	061678ST128A20	4	56ACTINIARIA			60.1017.0200	
533.	061678ST128A20	4	57ACTINIARIA				30.5085.0100
534.	061678ST128A20	4	516JASSA FALCATA			18.0188.0025	
535.	061678ST128A20	4	517ERICTHONIUS BRASILIENSIS			26.0165.0033	
536.	061678ST128A20	4	518PODOCERUS BRASILIENSIS			3.0014.0003	
537.	061678ST128A20	4	519COLOMASTIX SP				10.0010.0002
538.	061678ST128A20	4	520STENOTHOE SP			2.0000.0000	
539.	061678ST128A20	4	521STENOTHOE SP			6.0024.0004	
540.	061678ST128A20	4	522STENOTHOE SP			2.0010.0004	
541.	061678ST128A20	4	523CAPRELLA EQUILIBRA			1.0049.0055	
542.	061678ST128A20	4	524PARACAPRELLA PUSILLA			27.0186.0029	
543.	061678ST128A20	4	525PARACAPRELLA PUSILLA				40.0149.0023
544.	061678ST128A20	4	526NEMERTEA			2.0002.0000	
545.	061678ST128A30	1	57FEUSVELLIS SP			1.0008.0001	
546.	061678ST128A30	1	58CORYPHELLA SP				10.0018.0008

547.	061678ST12AA30	1	5	9FRICHTHONIUS BRASILIENSIS	42	.0099.0029	
548.	061678ST12AA30	1	51	UJASSA FALCATA	3	.0006.0002	
549.	061678ST12AA30	1	512	PODOCERUS BRASILIENSIS	2	.0019.0002	
550.	061678ST12AA30	1	513	STENOTHOE SP	6	.0014.0003	
551.	061678ST12AA30	1	514	CAPRELLA EQUILIBRA	27	.0190.0022	
552.	061678ST12AA30	1	515	PARACAPRELLA PUSILLA	295	.1316.0242	
553.	061678ST12AA30	1	516	EUCONACIA INCERTA	12	.0030.0004	
554.	061678ST12AA30	1	517	EUCONACIA INCERTA			30.0063.0008
555.	061678ST12AA30	1	518	PARACAPRELLA PUSILLA	3	.0012.0001	
556.	061678ST12AA30	1	519	CAPRELLA EQUILIBRA	1	.0003.0000	
557.	061678ST12AA30	1	52	FRICHTHONIUS BRASILIENSIS	1	.0000.0000	
558.	061678ST12AA30	1	54	STENOTHOE SP	1	.0000.0000	
559.	061478ST161A	1	44	PLATYHELMINTHES	14	.0009.0003	
560.	061478ST161A	1	44	TANAIS SP	2	.0002.0001	
561.	061478ST161A	1	44	OPHTHACTIS SAVIGNYI	97	.3834.1400	
562.	061478ST161A	1	44	PHYCNOGONIDA	1	.0000.0000	
563.	061478ST161A	1	44	NEMERTEA	6	.0002.0001	
564.	061478ST161A	1	44	ACTINIARIA	70	.0126.0034	
565.	061478ST161A	1	44	CAPRELLA EQUILIBRA	83	.0299.0032	
566.	061478ST161A	1	44	PODOCERUS BRASILIENSIS	3	.0022.0003	
567.	061478ST161A	1	44	UJASSA FALCATA	10	.0052.0006	
568.	061478ST161A	1	44	STENOTHOE SP	12	.0007.0001	
569.	061478ST161A	1	44	CALCAREA HETEROCOELEIDAE	5	.0176.0019	
570.	061478ST161A	1	44	NEANTHES SUCCINEA	1	.0106.0026	
571.	061478ST161A	1	44	ODONTOSYLLIS SP	18	.0013.0005	
572.	061478ST161A	1	44	EUSYLLIS SP	31	.0036.0010	
573.	061478ST161A	1	44	BRANIA SP	20	.0000.0000	
574.	061478ST161A	1	44	HAPLOSYLLIS SPONGICOLA	10	.0011.0001	
575.	061478ST161A	1	44	TYPOSYLLIS SP	7	.0007.0001	
576.	061478ST161A	1	44	TYPOSYLLIS SP	10	.0027.0003	
577.	061478ST161A	1	44	ODONTOSYLLIS SP	4	.0006.0003	
578.	061478ST161A	1	44	ODONTOSYLLIS SP	2	.0000.0000	
579.	061478ST161A	1	44	AWAITIDES MUCOSA			1.0640.0127
580.	061478ST161A10	2		CHAMA MACEOPHYLLA	28	254.7204.9	
581.	061478ST161A10	2		OSTREA EQUESTRIS	9	338.7290.9	
582.	061478ST161A10	2		ISOGNOMON BICOLOR	40	9744.6539	
583.	061478ST161A10	2		LITHOPHAGA ARISTATA	53	30181.627	
584.	061478ST161A10	2		LITHOPHAGA BISCULATA	2	2391.1165	
585.	061478ST161A10	2		SYNALPHEUS FRITZMUELLERI	3	6540.1401	
586.	061478ST161A10	2		CEPHALOPUS AGASSIZII	31	6498.5794	
587.	061478ST161A10	4	1	CAPRELLA EQUILIBRA	1040	0498.0187	
588.	061478ST161A10	4	2	JASSA FALCATA	20	.0007.0000	
589.	061478ST161A10	4	3	PODOCERUS BRASILIENSIS	50	.0008.0000	
590.	061478ST161A10	4	4	FRICHTHONIUS BRASILIENSIS	10	.0003.0000	
591.	061478ST161A10	4	5	STENOTHOE SP	360	.0005.0000	
592.	061478ST161A10	4	6	EUSYLLIS SP	110	.0008.0000	
593.	061478ST161A10	4	7	HAPLOSYLLIS SPONGICOLA	20	.0007.0000	
594.	061478ST161A10	4	8	AUTOLYTUS SP	20	.0004.0000	
595.	061478ST161A10	4	9	ODONTOSYLLIS SP	20	.0001.0000	
596.	061478ST161A10	4	17	EGIRES PUNCTILUCENS	10	.0013.0005	
597.	061478ST161A10	4	18	MUSCULUS LATERALIS	10	.0003.0000	
598.	061478ST161A10	4	19	TANAIS SP	40	.0005.0000	
599.	061478ST161A10	4	20	NEMERTEA	150	.0499.0228	
600.	061478ST161A10	4	21	OPHTHACTIS SAVIGNYI	60	.0045.0010	
601.	061478ST161A10	4	22	ACTINIARIA	720	.0475.0061	
602.	061478ST161A10	4	23	CAPRELLA EQUILIBRA	10	.0006.0000	
603.	061478ST161A10	4	24	JASSA FALCATA	30	.0010.0002	
604.	061478ST161A10	4	3	PODOCERUS BRASILIENSIS	360	.0029.0008	
605.	061478ST161A10	4	4	STENOTHOE SP	80	.0001.0000	
606.	061478ST161A10	4	5	EUSYLLIS SP	50	.0006.0000	
607.	061478ST161A10	4	6	HAPLOSYLLIS SPONGICOLA	80	.0007.0000	
608.	061478ST161A10	4	7	ODONTOSYLLIS SP	90	.0003.0000	
609.	061478ST161A10	4	8	AUTOLYTUS SP	80	.0020.0001	
610.	061478ST161A10	4	9	TYPOSYLLIS SP	20	.0002.0000	
611.	061478ST161A10	4	10	BRANIA SP	80	.0136.0012	
612.	061478ST161A10	4	12	NEMERTEA	250	.0657.0348	
613.	061478ST161A10	4	13	OPHTHACTIS SAVIGNYI	30	.0005.0000	
614.	061478ST161A10	4	14	TANAIS SP			20.0015.0002
615.	061478ST161A10	4	15	TANAIS SP			
616.	061478ST161A10	4	16	MUSCULUS LATERALIS	20	.0083.0046	
617.	061478ST161A10	4	17	ACTINIARIA	100	.0595.0139	
618.	061478ST161A10	4	18	CALCAREA HETEROCOELEIDAE	10	.0008.0001	
619.	061478ST161A10	4	19	CALCAREA EQUESTRIS	8226	40174.6	
620.	061478ST161A10	4	20	ARCA IMBRICATA	73	3.46.6	
621.	061478ST161A10	4	21	ISOGNOMON BICOLOR	84	.0652.757	
622.	061478ST161A10	4	22	LITHOPHAGA BISCULATA	56	.27362.853	
623.	061478ST161A10	4	23	LITHOPHAGA ARISTATA	3	.8971.4056	
624.	061478ST161A10	4	24	BCHLAMYS ORNATA			10.4034.1835

625.	061478ST161A10	3	CHAMA MACEROPHYLLA		45.400.8306.3	
626.	061478ST161A10	3	BALANUS AMPHITRITE	4 0	45.87893.838	
627.	061478ST161A10	3	BALANUS TINTINNABULUM	1 0	15.84623.831	
628.	061478ST161A10	3	BALANUS IMPROVISUS	1 0	1.0470.0353	
629.	061478ST161A10	3	CYPRICLIMNES AMERICANUS?			10.0099.0019
630.	061478ST161A10	3	PSEUDOMEDAEUS AGASSIZII		142.1097.6411	
631.	061478ST161A10	3	SYNALPHEUS FRITZMUELLERI		30.6492.1123	
632.	061478ST161A10	3	ARRACIA PUNCTULATA		1.3313.1226	
633.	061478ST161A10	3	BALANUS CALIDUS	0 1	1	.5144.4475
634.	061478ST161A10	1	410CAPRELLA EQUILIBRA		500.0202.0028	
635.	061478ST161A10	1	411STENOCHOF SP		130.0012.0001	
636.	061478ST161A10	1	412PODOCERUS BRASILIENSIS		20.0000.0000	
637.	061478ST161A10	1	413HAPLOSYLLIS SPONGICOLA		160.0011.0004	
638.	061478ST161A10	1	414EUSYLLIS SP		90.0005.0000	
639.	061478ST161A10	1	415ODONTOSYLLIS SP		20.0000.0000	
640.	061478ST161A10	1	416DORVILLEA SP		20.0001.0000	
641.	061478ST161A10	1	417CTENODRILUS SP		10.0000.0000	
642.	061478ST161A10	1	418AUTOLYTUS SP		20.0000.0000	
643.	061478ST161A10	1	419TYPOSYLLIS SP		10.0009.0000	
644.	061478ST161A10	1	420NEMERTEA		30.0008.0000	
645.	061478ST161A10	1	421OPHIACTIS SAVIGNYI		310.1500.0655	
646.	061478ST161A10	1	422PLATYHELMINTHES		10.0009.0000	
647.	061478ST161A10	1	CHAMA MACEROPHYLLA	48	313.9281.4	
648.	061478ST161A10	1	OSTREA FOEFSTRIS	6	276.6248.9	
649.	061478ST161A10	1	ARCA IMBRICATA	3	147.0.99.9	
650.	061478ST161A10	1	ISOGNOMON BICOLOR		115.47993.817	
651.	061478ST161A10	1	LITHOPHAGA BISCULATA		60.6377.2988	
652.	061478ST161A10	1	LITHOPHAGA ARISTATA		62.89521.306	
653.	061478ST161A10	1	BALANUS TINTINNABULUM	1 1	233.213.25.1	
654.	061478ST161A10	1	BALANUS AMPHITRITE	0 3	30.26970.224	
655.	061478ST161A10	1	SYNALPHEUS FRITZMUELLERI		100.2979.0563	
656.	061478ST161A10	1	PSEUDOMEDAEUS AGASSIZII		141.622.5881	
657.	061478ST161A10	1	ARRACIA PUNCTULATA		10.6310.288	
658.	061478ST161A10	1	SIPUNCULA		10.0340.060	
659.	061478ST161A10	1	CHAMA MACEROPHYLLA	84	367.0314.9	
660.	061478ST161A10	1	ISOGNOMON BICOLOR	136	33.5.19.3	
661.	061478ST161A10	1	OSTREA EQUSTRIS	7	28.4.23.4	
662.	061478ST161A10	1	LITHOPHAGA BISCULATA	6	1991.0848	
663.	061478ST161A10	1	AANADARA TRANSVERSA			10.2300.1136
664.	061478ST161A10	1	ANADARA TRANSVERSA	4	3298.1312	
665.	061478ST161A10	1	HAMINEA SP	1	0086.0022	
666.	061478ST161A10	1	BALANUS AMPHITRITE	5 20	2526.3322.111	
667.	061478ST161A10	1	BALANUS TINTINNABULUM	2 0	21.0219.0122	
668.	061478ST161A10	1	BALANUS IMPROVISUS	1 0	1.1699.0406	
669.	061478ST161A10	1	SYNALPHEUS FRITZMUELLERI		1.1928.0798	
670.	061478ST161A10	1	PSEUDOMEDAEUS AGASSIZII		4.2248.1050	
671.	061478ST161A10	1	MICROPANOPF NUTTINGII			20.1843.0861
672.	061478ST161A10	1	MICROPANOPF NUTTINGII			
673.	061478ST161A10	1	SIPUNCULA		6.7729.1256	
674.	061478ST161A10	1	41CAPRELLA EQUILIBRA		300.0180.0010	
675.	061478ST161A10	1	42PODOCERUS BRASILIENSIS		50.0005.0000	
676.	061478ST161A10	1	43STENOCHOF SP		90.0003.0000	
677.	061478ST161A10	1	44NEMERTEA		60.0000.0000	
678.	061478ST161A10	1	45PLATYHELMINTHES		30.0000.0000	
679.	061478ST161A10	1	46ANALIS SP		40.0017.0004	
680.	061478ST161A10	1	415OPHIACTIS SAVIGNYI		140.0577.0395	
681.	061478ST161A10	1	416NEANTHES SUCCINEA		10.0192.0060	
682.	061478ST161A10	1	417TYPOSYLLIS SP		210.0021.0004	
683.	061478ST161A10	1	418HAPLOSYLLIS SPONGICOLA		120.0007.0000	
684.	061478ST161A10	1	419RRANIA SP		270.0008.0000	
685.	061478ST161A10	1	420TYPOSYLLIS SP		10.0000.0000	
686.	061478ST161A10	1	421TYPOSYLLIS SP			10.0013.0002
687.	061478ST161A10	1	422 EXOGONE DISPAR		10.0001.0000	
688.	061478ST161A10	1	423ODONTOSYLLIS SP		130.0007.0000	
689.	061478ST161A10	1	424EUSYLLIS SP		30.0007.0000	
690.	061478ST161A10	1	425DORVILLEA SP		20.0003.0000	
691.	061478ST161A10	1	ISOGNOMON BICOLOR	127	31.5.17.2	
692.	061478ST161A10	1	CHAMA MACEROPHYLLA	92	361.2263.5	
693.	061478ST161A10	1	BCHAMA MACEROPHYLLA			11.3461.9820
694.	061478ST161A10	1	LITHOPHAGA BISCULATA	5	3421.1550	
695.	061478ST161A10	1	OSTREA FOEFSTRIS	4	47.8.35.9	
696.	061478ST161A10	1	4HAMINEA SP			10.0145.0037
697.	061478ST161A10	1	SIPUNCULA		4.1773.0215	
698.	061478ST161A10	1	PSEUDOMEDAEUS AGASSIZII		4.2011.1089	
699.	061478ST161A10	1	MICROPANOPF NUTTINGII		10.0561.0283	
700.	061478ST161A10	1	BALANUS AMPHITRITE	14 18	3213.8510.95	
701.	061478ST161A10	1	41CAPRELLA EQUILIBRA		210.0061.0013	
702.	061478ST161A10	1	42STENOCHOF SP		20.0000.0000	



703.	061478SI161A	1	4	3PUDUCERUS BRASILIENSIS	30.0017.0011	
704.	061478SI161A	1	4	4JASSA FALCATA	10.0012.0000	
705.	061478SI161A	1	4	5RRANIA SP	480.0005.0000	
706.	061478SI161A	1	4	6HAPLOSYLLIS SPONGICOLA	270.0007.0000	
707.	061478SI161A	1	4	7DORVILLEA SP	90.0015.0007	
708.	061478SI161A	1	4	8TYPOSYLLIS SP	180.0028.0014	
709.	061478SI161A	1	4	9FIUSYLLIS SP	140.0013.0000	
710.	061478SI161A	1	4	10AUTOLYTUS SP	40.0002.0000	
711.	061478SI161A	1	4	11INFANTHES SHCCINEA	10.0140.0017	
712.	061478SI161A	1	4	12ODONTOSYLLIS SP	150.0003.0000	
713.	061478SI161A	1	4	13TYPOSYLLIS SP	10.0005.0000	
714.	061478SI161A	1	4	14EXOGONE DISPAR	10.0002.0000	
715.	061478SI161A	1	4	15DODECACERIA SP	10.0001.0000	
716.	061478SI161A	1	4	17DODECACERIA SP	10.0010.0001	
717.	061478SI161A	1	4	18OPHIACTIS SAVIGNYI	260.1092.0473	
718.	061478SI161A	1	4	19PLATYHELMINTHES	60.0007.0000	
719.	061478SI161A	1	4	20ACTINIARIA	20.0000.0000	
720.	061478SI161A	1	4	21NEMERTEA	60.0005.0000	
721.	061478SI161A	1	4	22TANAIIS SP	10.0000.0000	
722.	061478SI161A	1	4	23MUSCULUS LATERALIS	10.0024.0017	
723.	061478SI161A	1	4	24CAL CAREA HETEROCHELIDAE	10.0017.0005	
724.	061478SI161A	1	4	25CAL CAREA HETEROCHELIDAE	10.0017.0005	
725.	061478SI161A	1	4	ISOGNOMON BICOLOR	84 14.5 7.8	
726.	061478SI161A	1	4	CHAMA MACROPHYLLA	61 87.9 73.6	
727.	061478SI161A	1	4	LITHOPHAGA ARISTATA	4.4194 .1716	
728.	061478SI161A	1	4	LITHOPHAGA BISCULATA	5.4586 .2028	
729.	061478SI161A	1	4	OSTREA EQUSTRIS	3 24.0 22.2	
730.	061478SI161A	1	4	BALANUS AMPHITRITE	24 23.6 18.2	
731.	061478SI161A	1	4	BALANUS IMPROVISUS	3.0863 .0611	
732.	061478SI161A	1	4	PSEUDOMEDAEUS AGASSIZII	1.0912 .0366	
733.	061478SI161A	1	4	SIPHUNCULA	3.0555 .0699	
734.	061678SI128A30	5	5	1EUSYLLIS SP	30.0012.0000	
735.	061678SI128A30	5	5	2TYPOSYLLIS SP	20.0009.0000	
736.	061678SI128A30	5	5	3RRANIA SP	10.0002.0000	
737.	061678SI128A30	5	5	4SYLLIS SP	10.0006.0000	
738.	061678SI128A30	5	5	5EXOGONE DISPAR	10.0003.0000	
739.	061678SI128A30	5	5	6ERICHTHONIUS BRASILIENSIS	40.0004.0000	
740.	061678SI128A30	5	5	7STENOHOE SP	20.0000.0000	
741.	061678SI128A30	5	5	8CAPRELLA EQUILIBRA	20.0017.0000	
742.	061678SI128A30	5	5	9PHIACTIS SAVIGNYI	10.0051.0026	
743.	061678SI128A30	5	5	10PTERIA COLYMBUS	50.2867.1148	
744.	061678SI128A30	5	5	11PSEUDOMEDAEUS AGASSIZII	20.0308.0089	
745.	061678SI128A30	5	5	12SYNALPHEUS FRITZMUELLERI	1114.8085.50	
746.	061678SI128A20	5	5	13CHAMA MACROPHYLLA	20.3197.1724	
747.	061678SI128A20	5	5	14ISOGNOMON BICOLOR	4352.9013.5	
748.	061678SI128A20	5	5	15OSTREA EQUSTRIS	1318.4818.448	
749.	061678SI128A20	5	5	16LITHOPHAGA ARISTATA	10.9347.4454	
750.	061678SI128A20	5	5	17LITHOPHAGA BISCULATA	119.6699.420	
751.	061678SI128A20	5	5	18ALITHOPHAGA BISCULATA	18.23082.026	
752.	061678SI128A20	5	5	19CUCULAEA SP	25.76102.759	
753.	061678SI128A20	5	5	20CUCULAEA SP		
754.	061678SI128A20	5	5	21CANONIA SIMPLEX		
755.	061678SI128A20	5	5	22BALANUS AMPHITRITE	0 3 34.81733.502	
756.	061678SI128A20	5	5	23BALANUS FURNEUS	0 1 13.53682.798	
757.	061678SI128A20	5	5	24TELESTO SP	1311.1733.319	
758.	061678SI128A20	5	5	25DMITHRAX SP	10.0765.0191	
759.	061678SI128A20	5	5	26SYNALPHEUS FRITZMUELLERI	30.1722.0263	
760.	061678SI128A20	5	5	27PSEUDOMEDAEUS AGASSIZII	161.2645.4264	
761.	061678SI128A20	5	5	28PSEUDOMEDAEUS AGASSIZII	30.8962.3022	
762.	061678SI128A20	5	5	29PHIACTIS SAVIGNYI	2 .0113.0051	
763.	061678SI128A20	5	5	30NEMERTEA	1 .0000.0000	
764.	061678SI128A20	5	5	31ACTINIARIA	3 .0212.0055	
765.	061678SI128A20	5	5	32HAPLOSYLLIS SPONGICOLA	3 .0007.0003	
766.	061678SI128A20	5	5	33IASYLLIS SP	3 .0008.0003	
767.	061678SI128A20	5	5	34RRANIA SP	1 .0000.0000	
768.	061678SI128A20	5	5	35ODONTOSYLLIS SP	1 .0000.0000	
769.	061678SI128A20	5	5	36AUTOLYTUS SP	2 .0000.0000	
770.	061678SI128A20	5	5	37TYPOSYLLIS SP	1 .0000.0000	
771.	061678SI128A20	5	5	38EUSYLLIS SP	2 .0002.0000	
772.	061678SI128A20	5	5	39TYPOSYLLIS SP	1 .0001.0000	
773.	061678SI128A20	5	5	40JASSA FALCATA	13 .0113.0013	
774.	061678SI128A20	5	5	41PUDUCERUS BRASILIENSIS	15 .0102.0010	
775.	061678SI128A20	5	5	42ERICHTHONIUS BRASILIENSIS	15 .0188.0035	
776.	061678SI128A20	5	5	43STENOHOE SP	15 .0025.0002	
777.	061678SI128A20	5	5	44STENOHOE SP	5 .0032.0003	
778.	061678SI128A20	5	5	45CAPRELLA EQUILIBRA	1 .0031.0001	
779.	061678SI128A20	5	5	46PARACAPRELLA PUSILLA	3 .0037.0003	
780.	061478SI161A20	1	4	47CHAMA MACROPHYLLA	37 230.3185.1	

781.	061478ST161A20	1	OSTREA EQUESTRIS	114.53611.000
782.	061478ST161A20	1	LITHOPHAGA RISCULATA	1.0255.0133
783.	061478ST161A20	1	ANADAMA TRANSVERSATA	1.1830.1221
784.	061478ST161A20	1	ATELESTIO SP	62.99550.749
785.	061478ST161A20	1	TELESTIO SP	130.58.4.14.6
786.	061478ST161A20	1	SYNALPHEUS FRITZMUELLERI	1.0247.0051
787.	061478ST161A20	1	PERICLIMENES AMERICANUS?	1.0069.0012
788.	061478ST161A20	1	PSEUDOMEDAEUS AGASSIZII	192.0253.7813
789.	061478ST161A20	1	SCAPHELLA EQUILIBRA	20.0000.0000
790.	061478ST161A20	1	PERICLIMENES BRASILIENSIS	440.0167.0043
791.	061478ST161A20	1	PODOCERUS BRASILIENSIS	10.0001.0000
792.	061478ST161A20	1	STENOTHOE SP	150.0058.0000
793.	061478ST161A20	1	ACTINIARIA	10.0076.0026
794.	061478ST161A20	1	SIPHONACTIS SAVIGNYI	10.0034.0032
795.	061478ST161A20	1	LUMBRINERIS INFLATA	10.1416.0592
796.	061478ST161A20	1	ANEMONES SUCCINEA	10.0055.0023
797.	061478ST161A20	1	HAPLOSYLLIS SPONGICOLA	140.0029.0016
798.	061478ST161A20	1	STYLOSYLLIS SP	10.0002.0000
799.	061478ST161A20	1	AUTOLYTUS SP	50.0005.0000
800.	061478ST161A20	1	STYLOSYLLIS SP	50.0005.0000
801.	061478ST161A20	1	STYLOSYLLIS SP	60.0000.0000
802.	061478ST161A20	1	BRANIA SP	20.0000.0000
803.	061478ST161A20	1	STYLOSYLLIS SP	10.0001.0000
804.	061478ST161A20	1	DECACEPIA SP	10.0000.0000
805.	061478ST161A20	2	CHAMA MACROPHYLLA	57.368.2272.6
806.	061478ST161A20	2	OSTREA EQUESTRIS	12.53542.318
807.	061478ST161A20	2	LITHOPHAGA RISCULATA	2.1829.0938
808.	061478ST161A20	2	LITHOPHAGA ARISTATA	1.1619.0874
809.	061478ST161A20	2	SYNALPHEUS FRITZMUELLERI	9.9147.2382
810.	061478ST161A20	2	PERICLIMENES AMERICANUS?	1.0196.0008
811.	061478ST161A20	2	PSEUDOMEDAEUS AGASSIZII	192.3274.8096
812.	061478ST161A20	2	HAPLOSYLLIS SPONGICOLA	110.0054.0023
813.	061478ST161A20	2	STYLOSYLLIS SP	80.0032.0012
814.	061478ST161A20	2	STYLOSYLLIS SP	10.0000.0000
815.	061478ST161A20	2	SCAPHELLA EQUILIBRA	7.0116.0021
816.	061478ST161A20	2	PERICLIMENES BRASILIENSIS	30.0003.0027
817.	061478ST161A20	2	PODOCERUS BRASILIENSIS	2.0006.0000
818.	061478ST161A20	2	STENOTHOE SP	8.0012.0002
819.	061478ST161A20	2	ACTINIARIA	1.0103.0026
820.	061478ST161A20	3	OSTREA EQUESTRIS	1.15.0.11.9
821.	061478ST161A20	3	CHAMA MACROPHYLLA	62.282.6213.4
822.	061478ST161A20	3	LITHOPHAGA ARISTATA	20.6889.3189
823.	061478ST161A20	3	LITHOPHAGA RISCULATA	20.1202.0650
824.	061478ST161A20	3	CHLAMYA ORNATA	10.13710.050
825.	061478ST161A20	3	SYNALPHEUS FRITZMUELLERI	110.5732.1007
826.	061478ST161A20	3	PSEUDOMEDAEUS AGASSIZII	262.9599.7708
827.	061478ST161A20	3	SCAPHELLA EQUILIBRA	2.0026.0006
828.	061478ST161A20	3	PERICLIMENES BRASILIENSIS	21.0111.0031
829.	061478ST161A20	3	STENOTHOE SP	4.0001.0000
830.	061478ST161A20	3	SIPHONACTIS SAVIGNYI	3.0140.0076
831.	061478ST161A20	3	ACTINIARIA	1.0007.0003
832.	061478ST161A20	3	HAPLOSYLLIS SPONGICOLA	4.0019.0005
833.	061478ST161A20	3	STYLOSYLLIS SP	3.0005.0001
834.	061478ST161A20	3	MEGALOMMA LORTIFERUM?	10.3278.0863
835.	061478ST161A20	3	IRKELLIA SUBRIBULARIS	1.0049.0036
836.	061478ST161A30	1	CHAMA MACROPHYLLA	11.33.3.24.0
837.	061478ST161A30	1	PSEUDOMEDAEUS AGASSIZII	9.7307.1698
838.	061478ST161A30	1	SCAPHELLA EQUILIBRA	25.0314.0082
839.	061478ST161A30	1	PERICLIMENES BRASILIENSIS	11.0123.0019
840.	061478ST161A30	1	STENOTHOE SP	1.0000.0000
841.	061478ST161A30	1	HAPLOSYLLIS SPONGICOLA	16.0164.0037
842.	061478ST161A30	1	STYLOSYLLIS SP	2.0003.0000
843.	061478ST161A30	1	STYLOSYLLIS SP	2.0015.0003
844.	061478ST161A30	1	AUTOLYTUS SP	3.0015.0002
845.	061478ST161A30	1	HYDRODORA SP	1.0011.0002
846.	061478ST161A30	1	HYDRODORA SP	1.0000.0000
847.	061478ST161A30	1	ACTINIARIA	9.0313.0094
848.	061478ST161A30	1	PSEUDOMEDAEUS AGASSIZII	7.3179.0654
849.	061478ST161A30	1	ACAVULINA LONGIROSTRIS	1.0000.0000
850.	061478ST161A30	5	SCAPHELLA EQUILIBRA	36.0519.0059
851.	061478ST161A30	5	PERICLIMENES BRASILIENSIS	3.0020.0001
852.	061478ST161A30	5	STENOTHOE SP	3.0008.0001
853.	061478ST161A30	5	LUMBRINERIS INFLATA	1.0097.0018
854.	061478ST161A30	5	AUTOLYTUS SP	1.0000.0000
855.	061478ST161A30	5	DOCECEPIA SP	1.00000.0000
856.	061478ST161A30	5	MUSCULUS LAIPALIS	1.0920.0429
857.	061478ST161A30	2	SIPHONACTIS SAVIGNYI	3.0202.0095
858.	061478ST161A30	3	PSEUDOMEDAEUS AGASSIZII	6.0689.0163

859.	061478ST161A30	3	5	ICAPRELLA EOUTIARA	14	.0138.0014	
860.	061478ST161A30	3	5	ERICHTHONIUS BRASILIENSIS	46	.0092.0031	
861.	061478ST161A30	3	5	SPODOCERUS BRASILIENSIS	1	.0006.0001	
862.	061478ST161A30	3	5	4STENTHOF SP	6	.0004.0001	
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### The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



### The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.