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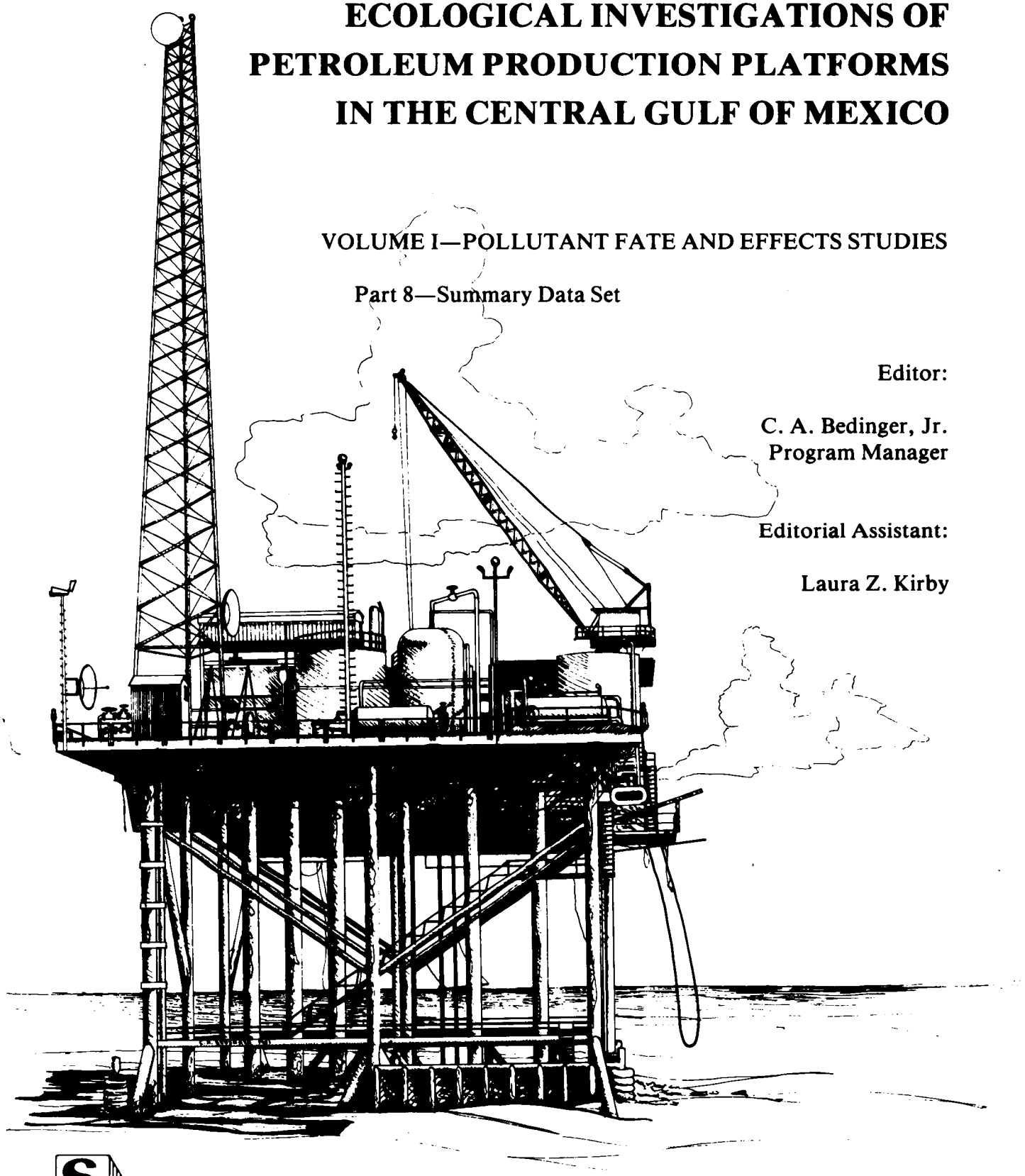
ECOLOGICAL INVESTIGATIONS OF PETROLEUM PRODUCTION PLATFORMS IN THE CENTRAL GULF OF MEXICO



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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SwRI Project 01-5245

In fulfillment of Contract
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by:

Southwest Research Institute
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1981

GUIDE TO USERS

This report is in six separate bindings:

1 VOLUME I —POLLUTANT FATE AND EFFECTS STUDIES
- 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
- Part 6 —Benthic Biology
- Part 7 —Normal Histology and Histopathology of Benthic Invertebrates and Demersal and Platform-Associated Pelagic Fishes

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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

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 %atm	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	E	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						18	40
01P	N	1000	052478	2211	04.0	112	24.0	26.0				20							
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	E	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	26.6	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	E	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							

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 %/m	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		

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 %a1m	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		

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 %@1m	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	E	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 x/10	Wthr cnd code	Watr dep m	Samp dep m	Salin o/oo	Temp. Cel.	D.O. ppm	Tran %/m	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	00.6	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		

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 %/m	Cur vel cm/s	Cur dir deg
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							

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 %/m	Cur vel cm/s	Cur dir deg
15S	N	0100	082078	1750				22.8	00.5	01	02	91	00	34.26	29.97	06.4	95		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	10	34.50	30.00	06.3	94		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	20	35.12	29.95	05.6	93		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	30	35.85	28.37	06.0	93		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	40	36.19	24.04	06.8	93		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	50	36.04	27.09	06.4	92		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	60	36.21	19.14	05.0	92		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	70	36.17	18.83	04.4	91		
15S	N	0100	082078	1750				22.8	00.5	01	02	91	80	36.17	18.57	04.2	82		
15S	N	0500	082078	2110	03.6	225	21.5	25.5	00.5	05	02	90							
15S	N	1000	082078	2306	02.8	225	21.8	25.4		05	02	90							
15S	N	2000	082178	0003	01.9	225	21.7	25.9		05	02	90							
16S	N	0100	082178	0711	01.1	80	27.6	30.0		05	02	44	00	29.42	31.20	05.0	98		
16S	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	10	33.37	28.83	03.9	94		
16S	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	20	34.83	26.44	04.2	93		
16S	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	30	35.55	22.95	04.6	93		
16S	N	0100	082178	0711	01.1	80	27.6	30.0	00.0	05	02	44	40	35.34	22.95	02.7	67		
16S	N	0500	082178	0611	00.0	0	26.2	29.6		05	02	44							
16S	N	1000	082178	0527	00.0	0	26.1	29.0		05	02	44							
16S	N	2000	082178	0406	00.8	90	26.0	28.8		05	02	44							
17S	N	0100	082078	1425								72	00	34.83	34.14	08.4	99		
17S	N	0100	082078	1425								72	10	34.89	30.04	08.0	92		
17S	N	0100	082078	1425								72	20	34.68	29.85	06.4	92		
17S	N	0100	082078	1425								72	30	34.99	29.74	06.3	91		
17S	N	0100	082078	1425								72	40	35.87	27.20	05.7	90		
17S	N	0100	082078	1425								72	50	35.78	22.09	06.6	89		
17S	N	0100	082078	1425								72	60	36.31	21.96	06.8	84		
17S	N	0100	082078	1425								72	70	36.39	18.93	05.0	69		
17S	N	0500	082078	1220	01.7	260	24.3	27.2	00.5	05	02	72						29	80
17S	N	1000	082078	1122	00.0	0	24.0	27.0	00.0	05	02	72							
17S	N	2000	082078	0840	00.0	0	24.0	27.6	00.0	05	02	72							
18S	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	00	35.40	28.95	06.4	64		
18S	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	10	35.95	28.66	06.0	76		
18S	N	0100	092078	1205	01.7	50	26.2	29.5	00.5	05	02	24	20	36.20	26.92	06.6	30		
18S	N	0500	092078	1045	02.8	40	24.8	28.3	00.6	05	02	24						20	290
18S	N	1000	092078	1000	03.3	50	25.2	28.0	00.6	05	02	24							
18S	N	2000	092078	0815	01.1	120	25.8	28.2	00.6	05	02	24							
19S	N	0100	092178	0030	02.2	90	25.3	28.2	00.6	00	01	5	00	31.31	29.49	06.2	75		
19S	N	0500	092178	0123	02.2	90	26.0	28.5	00.8	00	01	5							

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 %atm	Cur vel cm/s	Cur dir deg
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	33.19		06.2	80		

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 %a1m	Cur vel cm/s	Cur dir deg
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	E	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							
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							

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 %a1m	Cur vel cm/s	Cur dir deg
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

SEDIMENT TEXTURE CLASSIFICATION - BLM1B1 Cruise 1 12/04/79 16:06:30 PAGE 1

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	66.5	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	56.5	26.1	14.6	Sandy Clayey Silt
02	P	W	0100	Av	.5	21.5	45.0	32.6		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

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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	12.4	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	88.5	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

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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	89.4	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	17.8		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	74.5	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

SEDIMENT TEXTURE CLASSIFICATION - BLM1B1 Cruise 3 12/04/79 16:09:04 PAGE 2

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

Sample label	Smectite	Illite	Kaolinite	Quartz	Plagioclase	K-Feldspar	Calcite	Dolomite	Halite	Clay
780501PE20001B21 C.H	59	27	14							
780501PN05001B21 C.H	69	13	18							
780501PN20001B21 C.H	76	10	14							
780501PS20001B21 C.H	71	14	15							
780501PW20001B21 C.H	68	16	16							
780502PE20001B21 C.H	58	24	19							
780502PN05001B21 C.H	65	18	17							
780502PN20001B21 C.H	52	34	14							
780502PS05001B21 C.H	49	28	23							
780502PS20001B21 C.H	56	31	13							
780502PW20001B21 C.H	68	21	11							
780503PE20001B21 C.H	54	28	18							
780503PN05001B21 C.H	59	22	19							
780503PN20001B21 C.H	65	17	18							
780503PS20001B21 C.H	61	20	19							
780503PW20001B21 C.H	71	16	13							
780504PE20001B21 C.H	69	15	16							
780504PN05001B21 C.H	75	10	15							
780504PN20001B21 C.H	68	16	16							
780504PS20001B21 C.H	62	21	17							
780504PW20001B21 C.H	66	15	19							
780521C 1B21 C.H	71	11	17							
780522C 1B21 C.H	65	13	22							
780523C 1B21 C.H	57	22	21							
780524C 1B21 C.H	61	20	19							
780805SN05001B21 C.H	63	18	19	51	5	10	14	5	2	13
780805SN20001B21 C.H	69	17	14	64	8	6	2	3	2	11
780806SN05001B21 C.H	75	12	13	40	10	13	2		12	23
780806SN20001B21 C.H	72	20	8	49	9	11	4	1	11	16
780807SN05001B21 C.H	68	17	15	51	6	6	5	1	6	25
780807SN20001B21 C.H	71	13	16	40	3	3	4		9	41
780808SN05001B21 C.H	69	16	15	56	10	9	2	2	3	18
780808SN20001B21 C.H	63	26	11	51	20	4	3	3	3	16
780809SN05001B21 C.H	72	14	14	45	6	11	2		4	32
780809SN20001B21 C.H	61	30	9	43	7	8	5	1	11	25
780810SN05001B21 C.H	69	24	7	73	6	7	1	2	2	9
780810SN20001B21 C.H	57	31	12	79	3	3	1	1	3	11
780811SN05001B21 C.H	54	35	11	75	4	3	3	1	4	11
780811SN20001B21 C.H	71	18	11	65	5	3	3		6	18
780812SN05001B22 C.H	68	24	8	60	12	4	3	3	4	16
780812SN20001B21 C.H	70	22	8	54	10	5	2	2	5	22
780813SN05001B21 C.H	67	15	18	48	8	8	4		9	23
780813SN20001B21 C.H	70	16	14	37	6	5	6	3	15	28
780814SN05001B21 C.H	68	20	12	46	16	5	4	5	5	18
780814SN20001B21 C.H	70	23	7	49	9	7	4	10	5	17
780815SN05001B21 C.H	72	18	10	51	5	5	10	2	6	22
780815SN20001B21 C.H	65	17	18	51	9	3	11	1	7	18
780816SN05001B21 C.H	76	19	5	59	8	5	2	2	7	17
780816SN20001B21 C.H	74	16	10	75	4	2	1	2	1	15
780817SN05001B21 C.H	72	14	13	38	10	10	11	3	6	22
780817SN20001B22 C.H	69	22	9	39	8	8	15	4	10	16
780818SN05001B21 C.H	65	28	7	49	13	11	3	7	6	18
780818SN20001B21 C.H	80	12	8	52	16	6	3	1	4	17
780819SN05001B21 C.H	58	29	13	72	6	11	1	1	1	8
780819SN20001B21 C.H	74	18	8	69	9	6	1	1	1	13
780820SN05001B21 C.H	74	20	6	55	11	4	5	5	4	15
780820SN20001B21 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 — 12/04/79 — 17:23:19 — PAGE 1

Site	Type	Tran	Dist	Depth	Nanoliters per liter								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
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 12/04/79 17:24:08 PAGE 1

Site	Type	Tran	Dist	Depth	Nanoliters per liter								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
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	Tran	Dist	Depth	Nanoliters per liter								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
08	S	N	0100	20	2410.00	62.30	10.50	21.70	.45	7.12	8.45	1.19	79.03
					10060.00*	358.76*	11.90*	138.50*	.51*	42.44*	59.11*	2.55*	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	11.10	6.43	1.76	.76	.78	.92	4.08	11.86
					1166.80*	7.44*	3.63*	2.39*	.35*	.84*	.65*	1.40*	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	29.10	.00	3.88	.63	1.06	1.16	.00	27.63
					1879.00*	18.10*	.00*	3.22*	.61*	1.31*	1.06*	1.32*	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	2260.00	4.31	.29	1.61	.02	1.00	.51	1.98	19.67
					1489.50*	15.15*	.14*	2.51*	.01*	.79*	.55*	1.58*	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	8.31	3.10	5.22	.51	1.49	1.49	2.35	20.15
					1615.00*	29.05*	10.35*	11.16*	.69*	3.51*	3.98*	2.21*	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	2.45	.53	.69	.00	.33	.47	1.39	3.29
					1155.20*	4.73*	2.25*	1.70*	.29*	.80*	.77*	1.60*	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	12.80	.39	5.47	.45	1.63	1.39	1.39	26.08
					2073.33*	55.46*	.13*	15.15*	4.90*	3.62*	3.68*	.88*	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

Site	Type	Tran	Dist	Depth	Nanoliters per liter								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
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

Site	Type	Tran	Dist	Depth	Nanoliters per liter								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
					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								
					Methane	Ethane	Ethene	Propane	Propene	Isobutane	n-Butane	C5-C7	CI
01	P	N	0100	0	1640.00	.00	.00	.17	.00	.00	.00	25.50	11.21
01	P	N	0100	10	256.00	.00	.00	.00	.03	.00	.00	.26	1.72
					948.00*	.00*	.00*	.08*	.01*	.00*	.00*	12.88*	6.46*
02	P	N	0100	0	6840.00	.00	.00	.00	.00	.00	.00	.75	46.06
02	P	N	0100	10	2370.00	2.72	.53	.00	.00	.00	.00	7.44	17.77
					4605.00*	1.36*	.26*	.00*	.00*	.00*	.00*	4.09*	31.91*
03	P	N	0100	0	362.00	.93	.70	.86	.00	.00	.00	13.50	3.90
03	P	N	0100	10	422.00	1.60	.57	1.02	.00	.00	.00	136.00	4.91
03	P	N	0100	20	921.00	1.68	1.14	2.17	.00	.00	.21	253.00	9.45
					568.33*	1.40*	.80*	1.35*	.00*	.00*	.07*	134.16*	6.08*
04	P	N	0100	0	2130.00	164.00	.00	80.10	.00	22.00	18.90	1.50	202.20
04	P	N	0100	10	2760.00	212.00	.00	104.00	.00	30.20	25.50	15.50	261.88
04	P	N	0100	20	1160.00	100.00	.00	47.70	.00	14.90	14.40	129.00	121.24
04	P	N	0100	30	545.00	8.79	4.23	3.15	.00	.00	.00	350.00	12.61
					1648.75*	121.19*	1.05*	58.73*	.00*	16.77*	14.70*	124.00*	149.47*
21	C			0	1380.00	.00	.00	.00	.00	.00	.00	2.62	9.29
21	C			10	404.00	.00	.00	.00	.00	.00	.00	.31	2.72
					892.00*	.00*	.00*	.00*	.00*	.00*	.00*	1.46*	6.00*
22	C			0	1530.00	.55	.71	2.03	.00	.00	.00	351.00	12.66
22	C			10	187.00	.00	.00	.61	.00	.00	.00	18.00	1.85
22	C			20	1390.00	.00	.00	.00	.00	.00	.00	61.40	9.36
					1035.66*	.18*	.23*	.88*	.00*	.00*	.00*	143.46*	7.95*
23	C			0	189.00	.00	.00	.00	.00	.00	.00	725.00	1.27
23	C			10	284.00	1.26	.00	.00	.00	.00	.00	37.60	2.75
23	C			20	253.00	.00	.00	.00	.00	.00	.00	.60	1.70
23	C			30	192.00	.00	.00	.00	.00	.00	.00	.53	1.29
					229.50*	.31*	.00*	.00*	.00*	.00*	.00*	190.93*	1.75*
24	C			0	484.00	.00	.00	.00	.00	.00	.00	213.00	3.26
24	C			10	356.00	3.58	.00	1.49	.00	.00	.00	63.70	6.24
					420.00*	1.79*	.00*	.74*	.00*	.00*	.00*	138.35*	4.74*
					1184.31**	22.59**	.35**	11.05**	.00**	3.05**	2.68**	109.37**	33.87**

* Mean for site.
** Mean for cruise.

TOTAL ORGANIC CARBON IN SURFICIAL SEDIMENT

TOC IN SURFICIAL SEDIMENTS Cruise 1 12/04/79 17:14:34 PAGE 1

Site	Type	Tran	Dist	TOC, wt %	QC
01	P	N	0500	.52	
01	P	N	2000	.77	
				.64*	
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.

TOC IN SURFICIAL SEDIMENTS Cruise 2 12/04/79 17:15:53 PAGE 1

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	.86
09	S	N	2000	.87	
				.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
780501PE0100282D.H.G	62.4229	122.2460	184.6689	1.4629	.4460
780501PE0500282..H.G	18.5568	18.1026	36.6614	.2588	.1026
780501PE1000282..H.G	11.0989	91.4844	102.5833	.1989	4.9844
780501PE2000282..H.G	29.4608	11.3349	40.7957	.5608	.1349
780501PN0100282..H.G	118.6882	70.7838	189.4720	.8282	.3238
780501PN0500282..H.G	7.9016	7.3793	15.2809	.2816	.0793
780501PN1000282..H.G	32.4049	7.3439	39.7488	.6049	.1139
780501PN2000282..H.G	43.0232	19.9736	62.9968	.7932	1.5736
780501PS0100282..H.G	7.0765	363.6008	370.6773	.3165	.0908
780501PS0500282..H.G	19.2695	9.2004	28.4699	.2695	.1704
780501PS1000282..H.G	34.8726	12.0726	46.9452	.7426	.7626
780501PS2000282..H.G	24.2338	14.6206	38.8544	.8438	.1406
780501PW0100282..H.G	61.3101	35.0744	96.3845	1.0601	.2544
780501PW0500282..H.G	18.2082	4.2733	22.4815	.9082	.0233
780501PW1000282..H.G	9.7626	4.8800	14.6426	.2426	.0500
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
780502PE0100282D.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	3.0170	13.0284	.2414	.1770
780502PE2000282..H.G	3.0940	4.1167	7.1207	.2240	.1617
780502PN0100282..H.G	4.3248	3.6400	7.9648	.1948	.1300
780502PN0500282..H.G	3.4205	2.3219	5.7424	.5205	.2019
780502PN1000282..H.G	7.8027	5.7923	13.5950	.4527	.4723
780502PN2000282..H.G	1.8014	.3629	2.1643	.1914	.0426
780502PS0100282..H.G	19.7263	42.8307	62.5570	.5863	2.7707
780502PS0500282..H.G	8.2626	.7717	9.0343	.7326	.6717
780502PS1000282..H.G	16.6277	7.5718	24.1995	.5977	1.1618
780502PS2000282..H.G	12.0591	24.5235	36.5826	3.1291	.8135
780502PW0100282..H.G	3.1585	1.8991	5.0576	.2685	.0191
780502PW0500282..H.G	22.0180	5.3852	27.4032	.4780	.3952
780502PW1000282..H.G	4.4324	5.2737	9.7061	.4024	.1337
780502PW2000282..H.G	1.9318	4.3175	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
780503PE0100282D.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	2.2579	9.8667	.2688	.0179
780503PN0100282..H.G	4.7039	2.1510	6.8549	.2239	.0510
780503PN0500282..H.G	5.5289	3.9594	9.4883	.2589	.0194
780503PN1000282..H.G	3.0642	1.5782	4.6424	.1142	.0382
780503PN2000282..H.G	3.0653	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	5.4455	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	2.3374	1.3471	3.6845	.1074	.0471
780503PW2000282..H.G	5.6525	3.9590	9.6115	1.0625	.2590
Platform average	6.9462	2.7409	9.6871	.2832	.1103
780504PE0100282..H.G	9.3291	6.1315	15.4606	.5691	.0415
780504PE0100282D.H.G	6.2506	3.5444	9.7950	.4506	.0344
780504PE0500282..H.G	17.4051	8.8069	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	80.8610	.9132	1.0978
780504PN0500282..H.G	9.5854	15.4167	25.0021	.5054	.1467
780504PN1000282..H.G	22.4421	3.7424	26.1845	.8421	.0824
780504PN2000282..H.G	15.2562	6.2993	21.5555	.4462	.1393
780504PS0100282..H.G	4.1401	2.4904	6.6305	.5901	.2004
780504PS0500282..H.G	17.0211	7.7671	24.7882	.5811	.4671

780504PS1000282..M.G		30.2926	10.1379	40.4305	.6626	.4279
780504PS2000282..M.G		4.1454	3.4639	7.6093	.0954	.0239
780504PW0500282..M.G		60.0958	6.3000	66.3958	2.1058	.0800
780504PW1000282..M.G		26.7584	14.3802	41.1386	.8284	.1802
780504PW2000282..M.G		26.9300	11.2316	38.1616	1.0700	.2916
Platform average		18.8158	11.3561	30.1719	.7414	.2554
780521C	282..M.G	27.5931	4.1819	31.7750	1.3031	.0619
780521C	2820.M.G	26.0266	1.9246	27.9512	.2166	.0446
Platform average		26.8098	3.0532	29.8631	.7598	.0532
780522C	282..M.G	17.6922	22.5088	40.2010	.7022	.5188
Platform average		17.6922	22.5088	40.2010	.7022	.5188
780523C	282..M.G	10.0808	3.4112	13.4920	.7908	.0312
780523C	2820.M.G	8.9027	8.4537	17.3564	.7527	.0637
Platform average		9.4917	5.9324	15.4242	.7717	.0474
780524C	282..M.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	25.3867	22.5763	47.9630	.4167	.5663
780801PN05002B2..H.G	37.7238	13.3404	51.1342	.4538	.0804
780801PN20002B2..H.G	15.0800	7.0728	22.1528	2.2800	.1828
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	.3019
780801PW20002B2..H.G	.8244	79.8748	80.6992	.0244	.5548
Platform average	64.4580	30.3246	94.7827	.7768	.3384
780802PE05002B2..H.G	9.7207	5.3196	15.0313	.4307	.1906
780802PE20002B2..H.G	31.3502	1.2774	32.6276	.6402	.0574
780802PN05002B2..H.G	10.2845	3.6810	13.9655	1.0345	.1410
780802PN20002B2..H.G	9.5601	5.6743	15.2344	1.1401	.2443
780802PS05002B2..H.G	12.1897	1.8198	14.0095	.4797	.0898
780802PS20002B2..H.G	28.5352	3.1304	31.6656	.6952	.3604
780802PW05002B2..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	12.2629	.1421	.0608
780803PE05002B22..H.G	9.5324	4.9528	14.4852	.3924	.1228
780803PE20002B2..H.G	16.7857	6.0569	22.8426	.3257	.0769
780803PN05002B2..H.G	17.6454	2.9875	20.6329	1.3564	.7875
780803PN20002B2..H.G	4.0279	1.2674	5.2953	.0779	.0174
780803PS05002B21..H.G	11.4791	4.7401	16.2192	.1291	.0201
780803PS05002B22..H.G	8.3690	3.5741	11.9431	.2190	.0541
780803PS20002B21..H.G	38.2697	7.7851	46.0548	1.1597	.4751
780803PS20002B22..H.G	19.7178	6.7671	26.4849	.4078	.2271
780803PW05002B21..H.G	12.4048	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	.1022
780804PE20002B2..H.G	16.4129	7.7870	24.1999	2.5729	.4070
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	.8411	.3575
780805SN05002B2..H.G	6.7996	34.3365	41.1361	1.0296	.5365
780805SN10002B2..H.G	35.9696	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	3.3418	40.1744	43.5162	.8818	.3144
Platform average	35.7424	51.6165	87.3589	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	.9665
780807SN10002B2..H.G	47.5088	12.6063	60.1151	.6288	.2163
780807SN20002B2..H.G	27.9838	10.5590	38.5428	.9638	.4490
Platform average	32.4942	21.0007	53.4949	1.7542	.5682
780808SN01002B2..H.G	22.4327	11.5798	34.0125	.3627	.2998
780808SN05002B2..H.G	15.0227	6.4790	21.5017	2.1127	.1540
780808SN10002B2..H.G	31.9926	22.0546	54.0472	.5326	.3146
780808SN20002B2..H.G	2.4794	20.2948	22.7742	.1094	.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	19.5349	.2957	.0892
780809SN10002B2..H.G	27.0558	12.3167	39.3725	.5858	.1567
780809SN20002B2..H.G	41.2506	9.1964	50.4470	.8606	.9664
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	11.6462	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	.0505
780812SN10002B2..H.G	28.9582	7.8809	36.8391	2.3082	.1809
780812SN20002B2..H.G	7.0290	8.1170	15.1460	.5590	.1270
Platform average	14.2416	14.3391	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
780813SN05002R2D.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	.1307
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	.5811
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
780817SN05002B2D.H.G	38.2435	12.2407	50.4842	.5635	.1707
780817SN10002B2..H.G	13.7796	15.7550	29.5346	.2596	.5350
780817SN20002B2..H.G	9.6844	3.9435	13.6279	.2444	.0035
Platform average	23.9235	24.6237	48.5472	.3815	.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	3.3799	8.2525	.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 Unsaturated 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	61.7935	60.2979	122.0414	.6435	.6979
790101PN20002B2..H.G	21.1542	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	12.8512	13.8643	.1631	.1712
790101PW20002B2..H.G	25.6187	18.9076	44.5263	3.5287	.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	10.8902	34.9913	2.4611	.3002
790102PN05002B2..H.G	1.8617	2.6465	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	.8546	.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	1.6157	.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	3.1286	7.6913	.6827	.0786
790103PN05002B2..H.G	12.2411	5.8548	18.0959	.2511	.1048
790103PN20002B2..H.G	7.1637	4.9717	12.1354	1.9437	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	.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	8.8663	26.3654	2.5791	.1163
790104PN05002B2..H.G	31.2075	9.0114	40.2189	4.5975	.2414
790104PN20002B2..H.G	7.7824	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	14.3665	27.0676	.3311	.2665
Platform average	15.4589	8.2471	23.7060	1.6101	.1396
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 - RATIOS SUMMARY for BLM2B2C1

Label	R1	R2	R3	R4	T3/TOC
780501PE0100282..H.G	.3623	.9026	10.3529	.8590	
780501PE0100282Q..H.G	.5106	.7481	.5282	.8012	
780501PE0500282..H.G	1.0252	1.1128	1.5472	1.1667	.0046
780501PE1000282..H.G	.1213	2.0909	1.2436	.9706	
780501PE2000282..H.G	2.5991	1.1989	1.0933	.7458	.0070
780501PN0100282..H.G	1.6768	.9157	3.6190	2.5983	
780501PN0500282..H.G	1.0708	.8986	1.1273	.8714	.0029
780501PN1000282..H.G	4.4125	1.4954	3.2600	.7996	
780501PN2000282..H.G	2.1540	1.0585	1.2548	.6057	.0081
780501PS0100282..H.G	.0195	1.0152	1.7391	1.4812	
780501PS0500282..H.G	2.0944	1.8046	1.5244	1.1154	.0043
780501PS1000282..H.G	2.6886	1.8796	1.1927	.7432	
780501PS2000282..H.G	1.6575	1.0745	1.1222	.7520	.0052
780501PW0100282..H.G	1.7480	1.3193	1.7555	.7623	
780501PW0500282..H.G	4.2609	.5025	1.2625	.5662	.0031
780501PW1000282..H.G	2.0005	1.6383	1.3276	.5402	
780501PW2000282..H.G	1.7236	1.4231	1.4510	.6624	.0083
Platform average	1.7838	1.2869	2.0812	.9379	.0054
780502PE0100282..H.G	1.9349	.2100	1.1569	1.0564	
780502PE0100282Q..H.G	2.1200	.4179	.6829	.6979	
780502PE0500282..H.G	2.1830	1.4493	1.2987	.6699	.0010
780502PE1000282..H.G	3.3183	1.1596	.7706	.6267	
780502PE2000282..H.G	.7318	.7742	1.0462	1.3478	.0016
780502PN0100282..H.G	1.1881	.8471	.7347	.6693	
780502PN0500282..H.G	1.4731	.5492	.8092	.7201	.0008
780502PN1000282..H.G	1.3471	.7925	.7975	.7950	
780502PN2000282..H.G	4.9639	.3714	1.0833	.7262	.0003
780502PS0100282..H.G	.4606	1.8037	1.2908	.5544	
780502PS0500282..H.G	10.7070	1.0895	.7962	.6529	.0015
780502PS1000282..H.G	2.1960	1.5263	.8227	.5858	
780502PS2000282..H.G	.4917	.7196	1.1241	.6948	.0050
780502PW0100282..H.G	1.6632	.1351	.7143	.5968	
780502PW0500282..H.G	4.0886	.8069	1.0734	.7390	.0072
780502PW1000282..H.G	.8405	1.0412	.9712	.6726	
780502PW2000282..H.G	.4474	.8767	.6809	.6460	.0009
Platform average	2.3620	.8570	.9800	.7207	.0022
780503PE0100282..H.G	1.7914	.9641	.6122	.5860	
780503PE0100282Q..H.G	3.7773	1.2294	1.0469	.5892	
780503PE0500282..H.G	2.7488	.9344	1.2667	.5545	.0032
780503PE1000282..H.G	1.1778	1.0794	.6267	.2877	
780503PE2000282..H.G	3.3699	.4255	.8000	.4159	.0054
780503PN0100282..H.G	2.1868	1.0571	1.0000	.3763	
780503PN0500282..H.G	1.3964	.8049	1.3750	.5694	.0028
780503PN1000282..H.G	1.9416	.3143	1.1000	.6250	
780503PN2000282..H.G	1.8327	.6667	1.0303	.6145	.0027
780503PS0100282..H.G	2.6561	.9464	.6709	.4409	
780503PS0500282..H.G	9.0686	.4688	1.1538	.5246	.0045
780503PS1000282..H.G	3.1943	.6456	.6892	.5032	
780503PS2000282..H.G	3.0157	1.2703	1.3056	.5211	.0010
780503PW0100282..H.G	1.6167	.1912	1.0000	.9252	
780503PW0500282..H.G	14.3742	.3846	.7500	.6610	.0041
780503PW1000282..H.G	1.7351	.7143	1.0000	.6563	
780503PW2000282..H.G	1.4278	2.3600	.5566	.4567	.0013
Platform average	3.3712	.8504	.9402	.5476	.0031
780504PE0100282..H.G	1.5215	.6390	.9112	.7173	
780504PE0100282Q..H.G	1.7635	.3133	.7647	.6667	
780504PE0500282..H.G	1.6763	1.3432	1.2556	.7216	.0034
780504PE1000282..H.G	3.0607	.8519	.9574	.7670	
780504PE2000282..H.G	8.4376	.9301	.8319	.6094	.0040
780504PN0100282..H.G	.1032	.9620	.6742	.9628	
780504PN0500282..H.G	.6218	.6753	1.1536	.5258	.0034
780504PN1000282..H.G	5.9967	.6233	.8800	.9156	
780504PN2000282..H.G	2.4219	1.2435	1.6824	.5180	.0029
780504PS0100282..H.G	1.6624	.6650	.9655	.7515	
780504PS0500282..H.G	2.1914	1.3465	1.0491	.6513	.0036

780504PS10002B2..H.G	2.9881	.7600	1.1515	.4630		
780504PS20002B2..H.G	1.1967	.4000	1.2857	.6522	.0008	
780504PW05002B2..H.G	9.5390	1.3006	1.4489	.7689	.0107	
780504PW10002B2..H.G	1.8608	.7462	4.4091	.8025		
780504PW20002B2..H.G	2.3977	1.3390	1.4836	.4401	.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 Unsaturates
P2 = Pristane/Phytane
P3 = Pristane/C17
P4 = Phytane/C18
T3/TOC = Total HC/Total Organic Carbon

SURFICIAL SEDIMENT HYDROCARBON - RATIOS SUMMARY for BLM2B2C2

Label	R1	R2	R3	R4	T3/TOC
7808O1PE05002B2..H.G	9.2873	.0000	.0000	2.4000	.0422
7808O1PE20002B2..H.G	1.1245	1.4464	1.1912	.7724	.0082
7808O1PN05002B2..H.G	2.8330	1.3962	1.3455	.4751	.0063
7808O1PN20002B2..H.G	2.1421	1.2271	.9540	.7003	.0028
7808O1PS05002B2..H.G	2.2218	1.1303	.9172	.8190	.0123
7808O1PS20002B2..H.G	.7022	1.7200	2.0976	.2778	.0084
7808O1PW05002B2..H.G	1.3505	1.5291	1.3750	.9765	.0056
7808O1PW20002B2..H.G	.0103	.0000	.0000	1.4211	.0109
Platform average	2.4577	1.0555	.9856	.9803	.0121
7808O2PE05002B2..H.G	1.8304	.6389	1.4286	.5575	.0055
7808O2PE20002B2..H.G	24.5422	1.3556	1.1961	.7377	.0072
7808O2PN05002B2..H.G	2.7939	1.1586	.8950	.6791	.0023
7808O2PN20002B2..H.G	1.6848	1.3333	1.2135	.6113	.0027
7808O2PS05002B2..H.G	6.6984	.7551	1.4800	.7206	.0043
7808O2PS20002B2..H.G	9.1155	1.1890	.9799	.6534	.0117
7808O2PW05002B2..H.G	1.8226	.9773	1.0886	.6331	.0023
7808O2PW20002B2..H.G	6.9268	1.0576	1.1831	.6561	.0051
Platform average	.7417	.3235	1.5714	.5574	.0051
7808O3PE05002B21.H.G	1.9246	9.4000	.6963	.0538	.0060
7808O3PE05002B22.H.G	2.7713	.7818	.7818	.4331	.0120
7808O3PE20002B2..H.G	5.9064	1.6359	.8200	.5450	.0103
7808O3PN05002B2..H.G	3.1781	2.0000	1.0000	.4286	.0027
7808O3PN20002B2..H.G	2.4217	.1316	.5000	.4524	.0062
7808O3PS05002B21.H.G	2.3416	.6977	.9677	.4831	.0045
7808O3PS05002B22.H.G	4.9158	1.0837	1.1912	.2087	.0078
7808O3PS20002B21.H.G	2.0209	2.0164	1.3516	1.0167	.0044
7808O3PS20002B22.H.G	9.1058	1.0517	.7349	.5438	.0030
7808O3PW05002B21.H.G	2.5440	.5122	.6000	.5616	.0015
7808O3PW05002B22.H.G	3.0303	1.4014	.9450	.6364	.0034
7808O3PW20002B2..H.G	3.4085	1.8196	.9299	.4933	.0055
Platform average	2.0172	.9622	1.7282	.8726	.0066
7808O4PE05002B2..H.G	5.1077	.4515	.3105	.9770	.0032
7808O4PE20002B2..H.G	1.4876	.8243	.8316	.7822	.0046
7808O4PN05002B2..H.G	2.0493	1.6262	1.3229	.6190	.0031
7808O4PN20002B2..H.G	1.9303	.7192	.7275	.4011	.0023
7808O4PS05002B2..H.G	1.1813	4.8529	1.3200	.7391	.0030
7808O4PS20002B2..H.G	2.1231	1.1771	1.4304	.7273	.0022
7808O4PW05002B2..H.G	1.8436	1.5164	1.0961	.7169	.0034
Platform average	1.0983	.5000	.2848	.6056	
7808O5SN01002B2..H.G	.1980	2.7582	1.2184	.7109	.0066
7808O5SN05002B2..H.G	6.0106	1.5397	.6978	.5369	
7808O5SN10002B2..H.G	1.0594	1.0000	.3253	.5934	.0018
7808O5SN20002B2..H.G	2.0915	1.4494	.6315	.6117	.0042
Platform average	2.0940	2.3986	1.3293	1.1405	
7808O6SN01002B2..H.G	4.2684	1.2603	1.2105	.5692	
7808O6SN01002B20.H.G	.3419	3.3929	.8152	.2246	.0167
7808O6SN05002B2..H.G	.2497	.6852	1.6087	.6045	.0126
7808O6SN05002B20.H.G	1.2044	1.2113	.7966	.4227	
7808O6SN10002B2..H.G	.0832	.5641	.9296	1.1250	.0046
7808O6SN20002B2..H.G	1.3736	1.5854	1.1149	.6810	.0113
Platform average	.5695	.9048	1.5913	1.0425	
7808O7SN01002B2..H.G	1.7027	1.1737	1.2284	.8055	.0054
7808O7SN05002B2..H.G	3.7449	1.3185	2.9180	1.1638	
7808O7SN10002B2..H.G	2.6502	1.5101	1.4423	.6340	.0040
7808O7SN20002B2..H.G	2.1668	1.2267	1.7950	.9114	.0047
Platform average	1.9372	1.2867	1.3786	.6522	
7808O8SN01002B2..H.G	2.3187	1.1773	1.4888	1.1102	.0030
7808O8SN05002B2..H.G	1.4506	1.1094	1.0191	.9648	
7808O8SN10002B2..H.G	.1222	.1622	1.3846	.9737	.0037
7808O8SN20002B2..H.G	1.4571	.9359	1.3177	.9252	.0033
Platform average					

780809SN01002B2..H.G	1.5116	2.9020	.8810	.6145	
780809SN05002B2..H.G	1.6015	.4177	1.1379	.7745	.0022
780809SN10002B2..H.G	2.1967	1.1318	1.2479	.7167	
780809SN20002B2..H.G	4.4855	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	13.1505	.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	1.0275	.6419	.0035
780812SN10002B2..H.G	3.6745	1.2773	.7493	.6171	
780812SN20002B2..H.G	.8660	.5179	1.5263	.7778	.0024
Platform average	1.7638	1.0087	1.1504	.6800	.0029
780813SN01002B2..H.G	3.1679	.9311	.8003	.5595	
780813SN05002B2..H.G	2.4151	1.4843	2.3838	.5803	.0080
780813SN05002B2Q..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	.9648	.0059
780814SN10002B2..H.G	3.2916	1.1551	1.2857	.9444	
780814SN20002B2..H.G	.6595	.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	3.2222	.3966	.6961	.4945	
780815SN20002B2..H.G	1.0521	.5769	.7500	.5532	.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
780817SN05002B2Q..H.G	3.1243	1.4540	5.6977	.7986	.0070
780817SN10002B2..H.G	.8746	.3158	1.0769	.9925	
780817SN20002B2..H.G	2.4558	.4235	.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	.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	.5127	
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	.0016
Platform average		254.7873	.7647	1.0833	.7522	.0016
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 BLM282C3

Label	R1	R2	R3	R4	T3/TOC
790101PE0500282..H.G	4.3734	.6759	1.1633	.9883	.0041
790101PE2000282..H.G	7.1399	.5131	.6462	.4855	.0096
790101PN0500282..H.G	1.0240	.7396	2.4483	.8067	.0171
790101PN2000282..H.G	.7012	.5500	1.1579	.7767	.0075
790101PS0500282..H.G	14.1175	.2955	.5928	1.4955	.0279
790101PS2000282..H.G	1.2146	1.3151	.9600	.5615	.0059
790101PW0500282..H.G	.0959	.3810	1.0000	.8936	.0020
790101PW2000282..H.G	1.3549	.7486	1.0697	.8709	.0062
Platform average	3.7526	.6523	1.1297	.8598	.0100
790102PE0500282..H.G	3.1339	.8153	.9486	.5123	.0058
790102PE2000282..H.G	2.2131	1.2654	.6027	.5048	.0099
790102PN0500282..H.G	.7035	.3019	.7619	.4732	.0008
790102PN2000282..H.G	3.1928	1.1503	.9212	.5317	.0071
790102PS0500282..H.G	2.4879	.7660	1.5000	.7231	.0056
790102PS2000282..H.G	2.9454	1.4478	1.1513	.7016	.0081
790102PW0500282..H.G	1.7532	.8008	.7366	.5864	.0033
790102PW2000282..H.G	.9512	.7712	.1900	.1339	.0028
Platform average	2.1726	.9148	.8515	.5208	.0054
790103PE0500282..H.G	2.1151	2.8322	.4982	.1490	.0026
790103PE2000282..H.G	1.4584	.8824	.2239	.1903	.0015
790103PN0500282..H.G	2.0908	.5714	.9333	.5385	.0046
790103PN2000282..H.G	1.4409	.5203	.4434	.5006	.0027
790103PS0500282..H.G	5.0472	.3956	.5013	.3768	.0103
790103PS2000282..H.G	1.3652	.2418	.2571	.7494	.0022
790103PW0500282..H.G	5.0128	.4966	.2544	.5331	.0026
790103PW2000282..H.G	3.2083	.7937	.4878	.5362	.0029
Platform average	2.7173	.8417	.4499	.4467	.0036
790104PE0500282..H.G	6.2175	1.0119	.5580	.4398	.0036
790104PE2000282..H.G	1.6737	1.5591	.7347	.5880	.0037
790104PN0500282..H.G	3.4631	1.0092	1.0378	.9436	.0060
790104PN2000282..H.G	.7293	1.1525	.7411	.7307	.0030
790104PS0500282..H.G	3.0634	1.0139	.6801	.5281	.0030
790104PS2000282..H.G	1.4286	.8966	.8135	.4899	.0043
790104PW0500282..H.G	1.0438	1.7111	.9625	.7258	.0008
790104PW2000282..H.G	.8841	2.5806	.4211	.4276	.0042
Platform average	2.3504	1.3668	.7434	.6091	.0035
790121C 282..H.G	4.6042	1.2521	.8879	.5120	.0074
Platform average	4.6042	1.2521	.8879	.5120	.0074
790122C 282..H.G	2.1286	1.1569	1.1007	.6489	.0043
Platform average	2.1286	1.1569	1.1007	.6489	.0043
790123C 282..H.G	10.5388	1.3060	.7556	.3906	.0039
Platform average	10.5388	1.3060	.7556	.3906	.0039
790124C 282..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 Unsaturates
R2 = Pristane/Phytane
R3 = Pristane/C17
R4 = Phytane/C18
T3/TOC = Total HC/Total Organic Carbon

SURFICIAL SEDIMENT HYDROCARBON - INDICES SUMMARY for BLM2B2C1

Label	OEP	CPIA	CPIB	CPIC
780501PE0100282..H.G	.7928	.9948	.9131	.9124
780501PE0100282Q.H.G	1.1769	.9218	.8113	1.9190
780501PE0500282..H.G	2.3543	3.3919	5.2111	1.5726
780501PE1000282..H.G	2.4960	2.7495	4.4037	1.5351
780501PE2000282..H.G	5.2550	2.6165	9.0058	1.5015
780501PN0100282..H.G	5.3944	8.3803	3.5474	3.4218
780501PN0500282..H.G	4.4089	3.8206	9.8011	1.0103
780501PN1000282..H.G	4.7220	3.8163	7.8007	3.7093
780501PN2000282..H.G	5.4521	12.5112	9.2794	.9228
780501PS0100282..H.G	3.0758	3.4869	6.2759	1.1381
780501PS0500282..H.G	4.2225	4.0575	5.6316	1.4065
780501PS1000282..H.G	2.6109	3.1638	4.9615	1.1641
780501PS2000282..H.G	3.6501	4.6297	5.9242	1.6542
780501PW0100282..H.G	2.3124	2.5110	4.5280	1.7704
780501PW0500282..H.G	2.4034	35.1044	70.2544	.9835
780501PW1000282..H.G	2.8289	2.8895	5.8469	1.1714
780501PW2000282..H.G	5.8598	5.3709	12.0278	2.9747
Platform average	3.2950	5.8362	9.7778	1.6969
780502PE0100282..H.G	2.2898	3.0136	11.0986	2.1388
780502PE0100282Q.H.G	2.6561	3.3902	9.5116	1.3204
780502PE0500282..H.G	2.6415	3.1315	6.7791	.9707
780502PE1000282..H.G	1.6834	2.0025	4.5080	.8703
780502PE2000282..H.G	4.9309	3.4797	8.8768	1.4962
780502PN0100282..H.G	2.9077	3.9842	7.9549	.9321
780502PN0500282..H.G	2.5741	2.8349	4.9159	.6596
780502PN1000282..H.G	2.5717	2.6351	4.7451	1.2057
780502PN2000282..H.G	6.2305	4.5820	11.2295	.7182
780502PS0100282..H.G	2.4370	3.0958	4.4266	.9480
780502PS0500282..H.G	2.9527	2.6981	5.4579	1.2119
780502PS1000282..H.G	2.1576	2.5723	4.4648	.8152
780502PS2000282..H.G	4.3915	5.0044	6.5836	1.2079
780502PW0100282..H.G	4.1455	3.3780	9.5563	.8747
780502PW0500282..H.G	2.7661	4.5915	4.7595	1.1444
780502PW1000282..H.G	3.0762	3.3943	6.2883	.8734
780502PW2000282..H.G	3.2754	5.6643	5.7100	.9642
Platform average	3.1581	3.1442	6.8745	1.0849
780503PE0100282..H.G	2.2006	3.4046	6.6487	1.0047
780503PE0100282Q.H.G	2.5719	3.2268	8.4313	1.0776
780503PE0500282..H.G	2.4048	3.6538	17.4202	.9307
780503PE1000282..H.G	1.4007	1.8460	5.6492	1.0396
780503PE2000282..H.G	2.6671	2.6262	9.1499	.9876
780503PN0100282..H.G	3.1379	3.1673	6.4360	.8761
780503PN0500282..H.G	3.8491	3.4573	8.3099	1.1608
780503PN1000282..H.G	3.2656	3.3104	9.0474	.7697
780503PN2000282..H.G	2.1450	3.4338	5.5748	.6785
780503PS0100282..H.G	2.3012	2.4268	5.1158	1.3808
780503PS0500282..H.G	2.5015	3.0614	6.7141	1.3401
780503PS1000282..H.G	3.5712	3.6399	6.0743	1.3293
780503PS2000282..H.G	2.8472	3.6854	5.8616	.6949
780503PW0100282..H.G	1.3475	2.0458	3.3589	.4738
780503PW0500282..H.G	3.0598	6.0219	33.5096	.8757
780503PW1000282..H.G	1.9910	2.3060	5.2547	.7481
780503PW2000282..H.G	5.7549	3.4089	8.8651	1.6548
Platform average	2.7539	3.3342	8.6130	1.0013
780504PE0100282..H.G	2.0097	2.5616	8.8435	1.2228
780504PE0100282Q.H.G	2.1544	2.0443	4.5821	1.3468
780504PE0500282..H.G	1.9117	2.5418	4.3725	.9722
780504PE1000282..H.G	2.9012	4.2394	8.9149	1.5788
780504PE2000282..H.G	1.6983	2.2914	4.6682	1.4031
780504PN0100282..H.G	2.9301	1.9517	3.9311	2.8803
780504PN0500282..H.G	1.6896	1.8124	2.5049	1.1752
780504PN1000282..H.G	1.9836	2.6898	5.9453	1.9421
780504PN2000282..H.G	3.4167	3.8975	7.9089	.8183
780504PS0100282..H.G	4.1160	5.7778	6.9158	1.0726
780504PS0500282..H.G	5.4396	5.9731	14.8750	.9714

780504PS1000282..H.G	4.1120	3.0111	5.2287	.8633
780504PS2000282..H.G	3.0500	2.9974	6.8171	.4149
780504PW0500282..H.G	2.5587	2.7983	3.7707	.9700
780504PW1000282..H.G	3.1016	3.6884	11.3953	2.7861
780504PW2000282..H.G	2.6242	3.0711	5.5485	.6416
Platform average	2.8560	3.0841	6.6389	1.2912
780521C 282..H.G	3.6446	3.0286	6.9536	.5288
780521C 2820.H.G	4.0976	3.6060	7.0516	.9440
Platform average	3.8711	3.3173	7.0026	.7364
780522C 282..H.G	2.9527	2.4773	5.6241	1.1733
Platform average	2.9527	2.4773	5.6241	1.1733
780523C 282..H.G	3.5121	2.1548	4.3670	1.0077
780523C 2820.H.G	2.3074	2.6313	4.5319	1.2368
Platform average	2.9097	2.3930	4.4494	1.1222
780524C 282..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

* 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 BLM2B2C2

Label	OEP	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	5.5370	4.8022	.5558
780801PN20002B2..H.G	1.5303	1.7622	4.9829	1.4095
780801PS05002B2..H.G	1.7481	2.9431	6.3821	1.3845
780801PS20002B2..H.G	4.4205	5.7349	5.8429	.9119
780801PW05002B2..H.G	3.1645	3.0871	14.7656	1.5047
780801PW20002B2..H.G	1.7143	4.5064	8.6667	.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	4.4020	1.0381
780802PN05002B2..H.G	2.5942	2.8953	3.9850	1.0133
780802PN20002B2..H.G	3.2846	5.9748	4.7516	.8981
780802PS05002B2..H.G	3.5316	2.7153	5.7319	1.3948
780802PW05002B2..H.G	2.2741	4.8541	6.9238	.6967
780802PW20002B2..H.G	4.1915	3.2676	7.6390	1.0614
Platform average	3.1569	3.0399	5.7571	1.0088
780803PE05002B21.H.G	5.0885	5.4585	11.7406	.8709
780803PE05002B22.H.G	1.4620	1.3849	2.7148	1.1364
780803PE20002B2..H.G	2.8943	2.9434	4.1301	.7788
780803PN05002B2..H.G	2.0017	1.7371	3.0493	1.0825
780803PN20002B2..H.G	15.0417	11.2401	72.9772	1.2959
780803PS05002B21.H.G	2.2691	1.9255	4.4653	.4201
780803PS05002B22.H.G	3.5483	3.7068	5.3097	.9786
780803PS20002B21.H.G	3.7897	3.5894	4.5231	.8827
780803PS20002B22.H.G	2.3447	1.6916	3.2150	1.1169
780803PW05002B21.H.G	2.7038	3.5266	8.1496	1.1832
780803PW05002B22.H.G	2.6129	3.9726	6.1398	.6846
780803PW20002B2..H.G	2.7278	3.0403	6.1704	1.0058
Platform average	3.8737	3.6847	11.0487	.9530
780804PE05002B2..H.G	2.5651	2.7587	4.7375	.7563
780804PE20002B2..H.G	4.1327	2.6079	7.4499	2.1450
780804PN05002B2..H.G	1.4868	1.9855	6.0258	1.6087
780804PN20002B2..H.G	5.1660	6.8175	8.1721	1.2643
780804PS05002B2..H.G	2.0599	2.2706	8.2909	.7775
780804PS20002B2..H.G	6.2250	5.4528	10.7194	1.3053
780804PW05002B2..H.G	3.9184	4.0119	6.1274	1.0283
Platform average	3.6534	3.7007	7.3604	1.2693
780805SN01002B2..H.G	2.8320	2.7869	4.0072	1.4298
780805SN05002B2..H.G	4.5245	5.7696	6.4016	1.7711
780805SN10002B2..H.G	1.7639	2.0406	7.3835	.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
780806SN01002B20.H.G	5.9611	3.3690	5.2095	.8635
780806SN05002B2..H.G	5.2159	1.3600	4.0392	.9604
780806SN05002B20.H.G	4.9831	3.8999	7.1818	.8101
780806SN10002B2..H.G	1.9750	1.7603	3.3467	1.2119
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	4.4681	2.6275	7.5136	1.1131
780807SN10002B2..H.G	4.1467	2.2750	6.9700	1.1350
780807SN20002B2..H.G	4.2835	4.5940	8.2776	1.1222
Platform average	4.4263	2.7187	7.7407	1.2526
780808SN01002B2..H.G	2.2442	2.3016	4.6825	.7862
780808SN05002B2..H.G	4.2067	2.3893	8.6280	.9110
780808SN10002B2..H.G	3.6603	2.8373	7.5287	1.0718
780808SN20002B2..H.G	3.0214	4.1537	6.8402	.2495
Platform average	3.2831	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	4.0366	3.7323	5.8711	.9421
780809SN20002B2..H.G	2.7208	1.9729	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	1.2947	1.1420	1.8262	.8807
780810SN10002B2..H.G	2.0709	1.9885	2.8120	.5304
780810SN20002B2..H.G	3.4279	1.5383	5.1675	1.2261
Platform average	2.8595	2.3023	4.2731	1.0289
780811SN01002B2..H.G	.8284	7.0476	2.6522	.1483
780811SN05002B2..H.G	1.6975	2.1312	7.2814	1.0905
780811SN10002B2..H.G	1.7449	2.0625	3.3607	1.2105
780811SN20002B2..H.G	1.1577	1.4777	3.5545	1.7952
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	3.5542	3.0853	6.5690	1.3087
780813SN01002B2..H.G	1.2434	1.9516	5.5380	.6971
780813SN05002B2..H.G	6.2628	6.6564	12.6908	.9875
780813SN05002B2Q.H.G	3.0930	2.1669	5.7191	1.4922
780813SN10002B2..H.G	4.6780	3.5862	10.7517	1.5439
780813SN20002B2..H.G	3.2136	2.4275	6.5271	1.0030
Platform average	3.6981	3.3577	8.2453	1.1447
780814SN01002B2..H.G	.6165	.5780	.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	3.8255	4.4358	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	1.3868	2.7416	1.0781
780815SN10002B2..H.G	2.3463	1.7335	6.1153	.8756
780815SN20002B2..H.G	3.4911	4.0986	8.9620	.7460
Platform average	2.7915	2.2382	5.1847	.8839
780816SN01002B2..H.G	2.0397	1.7960	2.9569	1.1682
780816SN05002B2..H.G	1.6092	2.2312	3.4578	1.0429
780816SN10002B2..H.G	3.4841	3.6687	7.7740	1.3068
780816SN20002B2..H.G	3.1285	3.5367	7.4730	.7696
Platform average	2.5653	2.8081	4.4154	1.0708
780817SN01002B2..H.G	1.9899	2.2943	4.9066	.9761
780817SN05002B2..H.G	3.1428	4.3297	14.4811	.3408
780817SN05002B2Q.H.G	2.2293	2.1603	5.0070	.7520
780817SN10002B2..H.G	3.2698	2.7507	6.2137	.4572
780817SN20002B2..H.G	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	1.1275	4.2478	1.6547
780818SN10002B2..H.G	2.8015	2.5610	5.4335	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	.4473	1.6489	2.5579	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 BLM2B2C3

Label	OEP	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	5.3503	4.7096	6.6298	.7922
790101PN20002B2..H.G	9.4954	6.5258	21.0652	.9006
790101PS05002B2..H.G	2.2796	1.6866	4.0050	1.0523
790101PS20002B2..H.G	3.0449	1.8652	4.1003	1.8686
790101PW05002B2..H.G	1.4490	2.1462	3.1450	1.1561
790101PW20002B2..H.G	1.1438	1.7263	4.5251	1.5672
Platform average	4.2502	2.9245	8.1107	1.3031
790102PE05002B2..H.G	2.5852	1.8776	5.4010	1.0368
790102PE20002B2..H.G	.5248	1.4214	5.7385	1.7773
790102PN05002B2..H.G	2.1267	1.8429	3.9683	.5076
790102PN20002B2..H.G	4.0000	2.2434	7.8791	1.1521
790102PS05002B2..H.G	3.7358	2.8117	5.7237	1.5588
790102PS20002B2..H.G	2.5811	2.5201	7.0363	.8143
790102PW05002B2..H.G	1.5562	2.1640	5.1079	2.0522
790102PW20002B2..H.G	2.8890	1.9256	7.3934	1.1133
Platform average	2.4993	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	4.3914	2.2365
790103PS05002B2..H.G	1.9199	1.5664	4.3784	1.0525
790103PS20002B2..H.G	3.7348	1.6413	6.0100	3.2249
790103PW05002B2..H.G	5.7867	1.7001	9.6076	2.7691
790103PW20002B2..H.G	.5393	2.4985	3.8054	1.8460
Platform average	2.7519	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	2.4544	4.4848	.7409
790104PS05002B2..H.G	1.0391	2.2336	4.5431	1.6411
790104PS20002B2..H.G	2.6208	3.1261	6.4049	.8737
790104PW05002B2..H.G	1.5514	1.8684	3.5618	1.5538
790104PW20002B2..H.G	3.3395	4.9065	6.5961	1.4139
Platform average	2.9952	2.7863	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

* 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)

HYDROCARBON IN DOWNCORE SEDIMENTS

Dawcore

SEDIMENT HYDROCARBON - TOTALS SUMMARY for BLM2B4C1

Label	T1	T2	T3	T4	T5
780501PN05002B41.H.G	3.3765	.3890	3.7655	.6865	.0890
780501PN05002B42.H.G	1.1932	6.3046	7.4978	.4332	3.0346
780501PN05002B43.H.G	6.3031	21.1186	27.4217	1.2031	2.9186
Platform average	3.6242	9.2707	12.8950	.7742	2.0140
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	15.1085	3.9091	19.0176	2.0385	.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	12.1193	2.4731	14.5924	1.7793	.1731
Platform average	7.4675	5.4278	12.8953	1.1575	1.1045
780522C 2B41.H.G	4.8018	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	10.5126	2.8257	13.3383	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	9.5092	1.2701	10.7793	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

Duncan

SEDIMENT HYDROCARBON - RATIOS 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	.5213	.6447	.6438	.0022
780502PN05002B43.H.G	.2808	1.9245	.8860	.7388	.0071
Platform average	.4682	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	.7385	.7529	.6220	.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	.4688	.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 Unsaturates
R2 = Pristane/Phytane
R3 = Pristane/C17
R4 = Phytane/C18
T3/TOC = Total HC/Total Organic Carbon

Downcore

SEDIMENT HYDROCARBON - INDICES SUMMARY for BLM2B4C1

Label	OEP	CPIA	CPIB	CPIC
780501PN05002B41.H.G	2.1923	1.6090	2.8544	.6179
780501PN05002B42.H.G	4.0990	4.9521	12.7460	.8425
780501PN05002B43.H.G	2.2361	2.1126	4.6130	.8524
Platform average	2.8424	2.8912	6.7378	.7709
780502PN05002B41.H.G	1.5238	1.3751	2.5448	.7088
780502PN05002B42.H.G	2.7172	1.8110	5.4095	.9287
780502PN05002B43.H.G	2.1629	1.9726	2.9876	1.3504
Platform average	2.1346	1.7195	3.6473	.9959
780503PN05002B41.H.G	1.5769	1.0859	2.8098	1.4497
780503PN05002B42.H.G	1.5995	2.4093	4.0908	.6938
780503PN05002B43.H.G	1.7451	1.9045	4.1619	.7983
780503PN05002B44.H.G	2.0880	1.5714	2.6238	1.0971
Platform average	1.7523	1.7427	3.4215	1.0097
780504PN05002B41.H.G	2.8665	2.7296	5.9238	.9249
780504PN05002B42.H.G	1.0916	1.4947	3.5518	1.1588
780504PN05002B43.H.G	1.1854	1.5245	3.6832	.8761
Platform average	1.7145	1.9162	4.3862	.9866
780521C 2B41.H.G	1.3412	2.5967	4.3164	.8048
780521C 2B42.H.G	2.8461	2.5915	4.9624	.8193
780521C 2B43.H.G	1.0375	1.9590	4.8878	1.7899
Platform average	2.4082	2.3824	4.7288	1.1380
780522C 2B41.H.G	.4200	2.5525	5.6907	.8050
780522C 2B42.H.G	3.7448	2.8349	7.3758	1.0919
780522C 2B43.H.G	2.1295	1.8495	3.7981	.9771
Platform average	2.0997	2.4123	5.6215	.9580
780523C 2B41.H.G	2.9133	2.9210	4.8879	1.1088
780523C 2B42.H.G	3.8905	4.8800	5.7864	.7652
780523C 2B43.H.G	2.1746	2.0705	4.8185	1.0104
780523C 2B44.H.G	2.7399	2.6462	5.2803	.7350
Platform average	2.9295	3.1294	5.1932	.9048
780524C 2B41.H.G	1.6402	.0000	.0000	.0000
780524C 2B42.H.G	3.0229	2.7137	7.6677	.7195
780524C 2B43.H.G	2.0106	2.7687	5.9787	.8472
780524C 2B44.H.G	.6047	3.1471	3.7244	.5303
780524C 2B45.H.G	.0000	.0000	.0000	.0000
Platform average	1.4556	1.7259	3.4741	.4194
Cruise average	2.1671	2.2399	4.6513	.8979

* 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)

HYDROCARBON IN PELAGIC FISH

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 May
Site 01-P D 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.15	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	.07	-
C-27	-	-	.16	-
5a-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	-	-	-	-
% (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	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.16	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.10	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-
Σ (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	-	-	-	-
5a-Androstane	-	-	-	-
C-20≡ I	-	-	-	-
C-20	19.08	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	1.64	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	.05	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	.00	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	16.44	-	-	-
Total n-alkanes	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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	.05	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	.06	-	-	-
C-28	.07	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	.07	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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 O Cynoscion arenarius

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.16	-	-	-
C-16	.07	-	-	-
C-17	.69	-	-	-
Pristane	.82	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	.04	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.05	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	.07	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.19	-	-	-
Pristane/Phytane	-	-	-	-
% (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 Microporgon undulatus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	2.94	-	-	-
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	-	-	-	-
Pristane/Phytane	-	-	-	-
Σ (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	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	-	.20	-
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	-	-	.19	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	.21	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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 Archosargus 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.15	-
C-22	.02	-	-	-
C-23	-	-	.11	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-	-	-
Σ (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	-	-	-	-
1,3-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 D 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= 1	-	-	-	-
C-18	-	.12	.25	-
Phytane	-	.03	.37	-
C-19	-	.16	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	.03	.12	-
C-21	-	-	.08	-
C-22	-	-	-	-
C-23	-	.03	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	.38	-
C-27	-	.06	-	-
5a-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	-
% (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	-	-	-	-
5a-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	-
5a-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	-
Σ (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 Chaetodipterus 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	-	-	-	-
Sa-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.14	-
C-26	-	-	-	-
C-27	-	-	-	-
Sa-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	-
% (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 D 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	-	-	-	-
5a-Androstane	-	-	.20	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.06	-	-
C-22	-	-	-	-
C-23	-	-	.10	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-
% (C-15 + C-17)	-	67.57	8.84	-
CPI:14-20	-	4.17	-	-
CPI:20-32	-	-	.93	-
Total n-alkanes	-	.37	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 O 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	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.07	-
C-26	-	-	.06	-
C-27	-	-	.10	-
5a-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	-
% (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	-
5a-Androstane	-	-	4.89	-
C-20= 1	-	-	-	-
C-20	.05	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-
% (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	-	-	-	-
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	-	-	-	-

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 faber

(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	-
5a-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	-	-
5a-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	-
% (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/g)	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	-	-
% (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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	.08	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	.04	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.05	-	-
C-27	-	-	-	-
5a-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	-	-	-	-
% (C-15 + C-17)	100.00	63.04	.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	-	-	-	-
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	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.50	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	66.67	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	.00	-	-	-
Total n-alkanes	.09	-	-	-
Total aliphatics	4.75	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
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	-	-	-	-
C-18	-	-	-	.04
Phytane	-	-	-	-
C-19	.06	-	-	-
5a-Androstane	-	-	.09	-
C-20= 1	-	-	-	-
C-20	.03	-	-	-
C-21	-	.45	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-	-	-
% (C-15 + C-17)	.00	67.86	2.77	83.33
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	-	-
5a-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	-	-	-
5a-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	-	-
% (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
Phytene	-	.02	-	.02
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	.40
C-26	-	-	-	-
C-27	-	-	-	-
5a-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
% (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-alkanes	-	.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= 1	.05	.02	.08	-
C-18	.01	.03	.18	-
Phytane	-	.01	-	-
C-19	.02	.06	-	-
5a-Androstane	.01	-	-	-
C-20= 1	.02	.04	-	-
C-20	-	.03	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-
% (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	-	-
5a-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	-	-	-
5a-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	2.68	-
Pristane/Phytane	-	35.00	-	-
% (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 hydrocerbons	.49	11.99	14.66	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN MACROFAUNA FROM OFFSHORE LOUISIANA

1978 August
Site 08-S O 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	-
% (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	.82	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	-	-	-	-
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	.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 capriscus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	.05	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	.01	-	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	.01	-	-
C-19	-	-	-	-
5a-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	-	-	-	-
5a-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	-	-
% (C-15 + C-17)	100.00	9.80	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	.70	-	-
Total n-alkanes	.03	.51	-	-
Total aliphatics	.03	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 O 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.39	-	-	-
C-21	-	-	-	-
C-22	.05	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-	-	-
% (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	-	-	-	-
Biphenyl	-	-	-	-
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

(ug/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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.21	-	-	-
C-21	-	-	.08	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.16	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	.07	-
C-28	.68	.07	.33	-
C-29	-	-	-	-
C-30	-	-	.18	-
C-31	-	-	4.49	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	3.40	.00	-
Pristane/Phytane	-	-	-	-
% (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-S 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.59	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	2.12	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-	-	-
% (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

(ug/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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	1.87	-
C-26	-	-	-	-
C-27	.10	-	-	-
5a-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	-
% (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	-	-	-	-
Phytene	-	-	-	-
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	5.50	.00	-	8.75
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
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 O 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	.05	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	.11	1.46	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-
Σ (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 O 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= 1	-	-	.03	-
C-18	.03	-	.04	-
Phytane	-	-	.04	.01
C-19	-	-	.05	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	.04	-
C-20	.08	-	-	-
C-21	-	-	.13	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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

(ug/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	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	.07	-	-
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	.43	.33	-	-
Pristane/C-17	4.46	5.13	-	-
Pristane/Phytane	218.33	205.00	-	-
% (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 O Chaetodipterus faber

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.11	.35	1.03	-
C-16	-	-	.16	-
C-17	-	.14	.45	-
Pristane	.24	.96	2.94	-
C-18= 1	-	-	-	-
C-18	-	-	-	-
Phytane	-	.05	.22	-
C-19	-	.06	-	-
5a-Androstane	-	.06	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.09	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	3.00	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-
% (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	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.01	.08	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.91	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-
% (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-S 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	-	1.44	.06
5a-Androstane	-	-	-	-
C-20= 1	.02	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	.65	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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
% (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	3.01
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	Gills	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
5a-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	-	-	-	-
5a-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
% (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 dumerili

(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	-
5a-Androstane	-	.04	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	.01	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	.02	-	-
C-27	-	-	-	-
5a-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	-
% (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-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	-	2.65	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
Σ (C-15 + C-17)	-	.00	-	-
CPI:14-20	-	-	-	-
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-S O Paranthias furcifer

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	2.79	.29
C-16	-	-	.09	-
C-17	.02	1.94	.25	.03
Pristane	.19	-	2.41	.14
C-18= 1	.01	.04	-	.01
C-18	.02	.12	.20	-
Phytane	-	-	-	.01
C-19	-	-	.12	-
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	.00	.00	-
Pristane/C-17	9.50	.00	9.64	4.67
Pristane/Phytane	-	-	-	14.00
% (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 O Kyphosus sectatrix

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
Σ (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 O 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	-	-
5a-Androstane	-	-	.08	-
C-20= 1	-	-	-	-
C-20	.16	-	-	-
C-21	-	-	.14	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	.16	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	.81	-
Phytane/C-18	-	.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	-	-	-	-
5a-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	-	-	-	-
5a-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 O 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	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	.07	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	.03	-
C-26	-	-	-	-
C-27	-	-	.03	-
5a-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	-	-
% (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

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	.14	-	-
C-16	-	.03	-	-
C-17	.03	.07	1.80	.22
Pristane	.05	.14	-	-
C-18= 1	-	.01	-	.02
C-18	-	.02	-	-
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	-	-	-	-
5a-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	-	-
% (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 O Archosargus probatocephalus

(ug/g)	Flesh	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	-	-	-
5a-Androstane	-	.10	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.05	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.02	-	-	-
C-27	-	-	-	-
5a-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	-	-
% (C-15 + C-17)	.00	80.49	9.95	-
CPI:14-20	-	4.13	9.92	-
CPI:20-32	1.25	-	-	-
Total n-alkenes	.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

(ug/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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.12	-	-	-
C-27	-	-	-	-
5a-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 O ?

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	.14	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	-	.42	-	-
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	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
% (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	-	-	-	-
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	.60	-	-	-
Pristane/Phytane	-	-	-	-
% (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 Micropogon undulatus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.01	-	-	-
C-16	.01	-	-	-
C-17	.02	-	-	-
Pristane	.03	-	-	-
C-18= 1	-	-	-	-
C-18	.02	-	-	-
Phytane	-	-	-	-
C-19	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	.13	-	-	-
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	1.50	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.20	-	-	-
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	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	.04	-	-	-
C-27	-	-	-	-
5a-Cholestane	.05	-	-	-
C-28	-	-	-	-
C-29	.01	-	-	-
C-30	-	-	-	-
C-31	.01	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	4.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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 D Micropogon undulatus

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
Pristane	.05	-	-	-
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	-	-	-	-
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	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 O 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	-	-	-	-
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	-	-	-	-
% (C-15 + C-17)	50.00	-	-	-
CPI:14-20	1.00	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.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	-	-	-	-
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	.33	-	-	-
Pristane/C-17	2.00	-	-	-
Pristane/Phytane	5.00	-	-	-
% (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	-	-	-
% (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	-	-	-	-
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	1.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	.20	-	-	-
Pristane/C-17	.90	-	-	-
Pristane/Phytane	9.00	-	-	-
% (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-S 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 O 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	-	-	-	-
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	1.00	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	1.00	-	-	-
% (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/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
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	.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 O 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	-	-	-	-
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	1.50	-	-	-
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	-	-	-	-
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	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
% (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 D 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	.04	-	-	-
C-21	-	-	-	-
C-22	.18	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	.21	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-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	-	-	-
% (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 08-S 0 Penaeus 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	-	-	-	-
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	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	.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 O 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	-	-	-	-
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	4.50	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	.50	-	-	-
Pristane/C-17	.50	-	-	-
Pristane/Phytane	1.00	-	-	-
% (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	-	-	-	-
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	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	.04	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
% (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 O ?

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
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	.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-S D 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	-	-	-	-
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	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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 D 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	-	-	-	-
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	1.50	-	-	-
Pristane/Phytane	6.00	-	-	-
% (C-15 + C-17)	90.00	-	-	-
CPI:14-20	9.00	-	-	-
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	-	-	-	-
Total aromatics	-	-	-	-
Total hydrocarbons	.18	.00	.00	.00
Sample weight (g)				

CONCENTRATION OF HYDROCARBONS IN DEMERSAL FISH FROM OFFSHORE LOUISIANA

1978 August
Site 10-S D Mycteroperca phenax

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.04	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
Pristane	.07	-	-	-
C-18= 1	.01	-	-	-
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	7.00	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	83.33	-	-	-
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 O 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	-	-	-	-
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	.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)				

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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	.06	-	-	-
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	.50	-	-	-
Pristane/C-17	4.67	-	-	-
Pristane/Phytane	7.00	-	-	-
% (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 Micropogon 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	-	-	-	-
% (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	-	-	-	-
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	.75	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	-	-	-	-
% (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 0 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	-	-	-	-
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	.02	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	6.00	-	-	-
Pristane/Phytane	6.00	-	-	-
% (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	-	-	-	-
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	.00	-	-	-
Pristane/C-17	.80	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
% (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	-	-	-	-
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	-	-	-	-
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-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	-	-	-	-
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	.03	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	1.00	-	-	-
Pristane/C-17	1.00	-	-	-
Pristane/Phytane	1.00	-	-	-
% (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	-	-	-	-
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	.25	-	-	-
Pristane/C-17	-	-	-	-
Pristane/Phytane	3.00	-	-	-
% (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 O Synodus foetens

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
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	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 0 Cyclopsetta chittendeni

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	.01	-	-	-
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	-	-	-	-
5a-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	-	-	-	-
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	.06	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	.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	-	-	-	-
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	-	-	-	-
Pristane/Phytane	-	-	-	-
% (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= 1	.02	-	-	-
C-18	-	-	-	-
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	-	-	-	-
5a-Cholestane	-	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.67	-	-	-
Pristane/Phytane	4.00	-	-	-
% (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	-	-	-	-
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	7.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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-S 0 Arius felis

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
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	-	-	-	-
% (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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	.04	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	.00	-	-	-
Pristane/Phytane	-	-	-	-
Σ (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 O 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	-	-	-	-
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	.00	-	-	-
Pristane/Phytane	-	-	-	-
% (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 D 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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	-	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	1.84	-	-	-
C-26	-	-	-	-
C-27	-	-	-	-
5a-Cholestane	.15	-	-	-
C-28	-	-	-	-
C-29	-	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	-	-	-	-
Pristane/C-17	.23	-	-	-
Pristane/Phytane	-	-	-	-
% (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	-	-	-	-
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	1.00	-	-	-
Pristane/C-17	1.33	-	-	-
Pristane/Phytane	4.00	-	-	-
% (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	-	-	-	-
% (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 O Noetia ponderosa

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	.03	-	-	-
C-16	.01	-	-	-
C-17	.02	-	-	-
Pristane	.04	-	-	-
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	-	-	-	-
5a-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	-	-	-
Σ (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 Brotula barbata

(ug/g)	Flesh	Gills	Liver	Gonads
C-15	-	-	-	-
C-16	-	-	-	-
C-17	-	-	-	-
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	-	-	-	-
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	1.05	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
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 O 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	-	-	-	-
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	.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	-	-	-	-
CPI:20-32	.62	-	-	-
Total n-alkanes	.22	-	-	-
Total aliphatics	.23	-	-	-
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	-	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.27	-	-	-
C-22	-	-	-	-
C-23	-	-	-	-
C-24	-	-	-	-
C-25	-	-	-	-
C-26	-	-	-	-
C-27	.06	-	-	-
5a-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	-	-	-	-
% (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 O 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	-	-	-
5a-Androstane	-	-	-	-
C-20= 1	-	-	-	-
C-20	-	-	-	-
C-21	.09	-	-	-
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	1.50	-	-	-
Pristane/Phytane	-	-	-	-
% (C-15 + C-17)	43.48	-	-	-
CPI:14-20	-	-	-	-
CPI:20-32	-	-	-	-
Total n-alkanes	.23	-	-	-
Total aliphatics	5.53	-	-	-
Naphthalene	-	-	-	-
1-Methylnaphthalene	-	-	-	-
Biphenyl	-	-	-	-
1,3-Dimethylnaphthalene	-	-	-	-
Acenaphthene	-	-	-	-
Fluorene	-	-	-	-
9,10-Dihydrophenanthrene	-	-	-	-
Phenanthrene	-	-	-	-
3,6-Dimethylphenanthrene	-	-	-	-
Pyrene	-	-	-	-
Nonadecylbenzene	-	-	-	-
Squalene	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	-	-	-	-
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	5.80	-	-	-
C-29	.38	-	-	-
C-30	-	-	-	-
C-31	-	-	-	-
C-32	-	-	-	-
Phytane/C-18	.00	-	-	-
Pristane/C-17	2.24	-	-	-
Pristane/Phytane	-	-	-	-
% (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

Summary for BA in Surficial Sediments PAGE 1

Transect	Distance 0100	0500	1000	2000	Mean
Station 01					
E	152.300	17.200	51.000	26.400	71.788
N	94.600	61.600	58.000	60.800	68.750
S	191.800	45.200	33.200	44.400	78.650
W	51.200	36.100	10.800	42.200	35.075
Mean	122.475	40.025	38.250	43.450	61.050
Station 02					
E	56.800	43.400	90.500	92.800	69.311
N	64.800	81.600	67.200	117.600	82.850
S	107.800	55.400	68.000	87.200	79.600
W	66.200	68.600	78.000	89.400	75.550
Mean	73.900	62.300	75.925	96.750	77.218
Station 03					
E	71.800	78.400		44.200	65.800
N	81.400	34.600	41.600	31.200	47.700
S	124.000	61.400	88.200	52.200	81.450
W	119.800	64.600	84.400	35.000	75.950
Mean	99.250	59.750	71.400	41.150	67.887
Station 04					
E	79.900	77.800		97.400	63.775
N	1515.000	76.800	75.800	48.600	429.050
S	39.000	132.400	48.600	84.600	76.150
W	163.200	75.600	31.000	80.000	87.450
Mean	449.275	90.650	38.850	77.650	164.106
Station 21					
•					66.700
Station 22					
•					26.800
Station 23					
•					47.500
Station 24					
•					26.600
Grand Mean	186.225	63.181	56.106	64.750	67.482

Summary for CD in Surficial Sediments PAGE 2

Transect	Distance 0100	0500	1000	2000	Mean
Station 01					
E	.350	.185	.406	.187	.269
N	.226	.412	.427	.291	.339
S	.637	.414	.182	.278	.377
W	.200	.184	.177	.363	.231
Mean	.353	.298	.298	.279	.307
Station 02					
E	.151	.223	.112	.272	.185
N	.173	.340	.190	.395	.274
S	.261	.252	.190	.274	.244
W	.319	.203	.316	.274	.278
Mean	.226	.254	.202	.303	.246
Station 03					
E	.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					
E	.281	.098	.114	.140	.171
N	.211	.121	.155	.119	.151
S	.425	.140	.119	.341	.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 0100	0500	1000	2000	Mean
Station 01					
E	12.230	9.580	6.120	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					
E	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	6.295
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	4.290	3.410	6.800	4.725
S	5.170	5.290	5.540	7.190	5.797
W	3.950	5.370	4.120	5.590	4.757
Mean	4.702	5.085	4.675	5.942	5.101
Station 04					
E	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	7.506

Summary for CU in Surficial Sediments PAGE 4

Transect	Distance 0100	0500	1000	2000	Mean
Station 01					
E	14.528	14.464	7.774	11.027	12.234
N	14.542	9.307	11.716	13.481	12.261
S	15.366	13.176	9.837	13.686	13.016
W	13.891	12.688	11.690	12.154	12.605
Mean	14.581	12.408	10.254	12.587	12.457
Station 02					
E	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	8.885	9.932	9.268	11.975	10.015
Station 03					
E	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					
E	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	10.925	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

Summary for FE in Surficial Sediments PAGE 5

Transect	Distance 0100	0500	1000	2000	Mean
Station 01					
E	.974	.831	.556	.674	.782
N	1.060	.577	.696	.943	.819
S	.743	.729	.761	.991	.806
W	.916	.921	.846	.606	.822
Mean	.923	.764	.714	.803	.801
Station 02					
E	.426	.654	.383	.455	.473
N	.432	.711	.568	.480	.547
S	.592	.601	.788	.520	.625
W	.530	.580	.807	.972	.722
Mean	.495	.636	.636	.606	.593
Station 03					
E	.352	.373	.366	.380	.366
N	.493	.441	.263	.621	.417
S	.327	.364	.396	.624	.427
W	.256	.486	.361	.538	.410
Mean	.319	.416	.346	.540	.405
Station 04					
E	.830	.746	.852	.577	.760
N	1.060	.825	.925	.782	.698
S	.733	.892	.846	.934	.651
W	.646	.734	.698	1.990	1.017
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 0100	0500	1000	2000	Mean
Station 01					
E	9.925	9.990	9.380	8.450	9.490
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	10.422
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	10.280	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	15.550	11.350	9.820	9.980	11.675
W	10.580	8.280	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 0100	0500	1000	2000	Mean
Station 01					
E	23.185	13.950	12.760	11.070	16.123
N	23.500	13.380	11.940	18.890	16.927
S	27.170	14.000	11.000	15.500	16.917
W	18.600	14.000	13.500	14.410	15.127
Mean	23.113	13.832	12.300	14.967	16.053
Station 02					
E	8.225	8.000	7.090	8.230	7.923
N	10.040	8.230	8.000	8.640	8.727
S	9.880	10.630	11.500	11.110	10.780
W	8.640	12.990	14.470	12.000	12.025
Mean	9.196	9.962	10.265	9.995	9.854
Station 03					
E	7.000	7.750	6.640	7.090	7.106
N	7.680	6.500	4.730	7.500	6.602
S	7.000	6.000	6.500	19.490	9.747
W	7.530	7.680	5.350	7.820	7.095
Mean	7.302	6.982	5.805	10.475	7.641
Station 04					
E	30.125	18.160	18.500	19.760	22.579
N	17.500	17.000	22.440	15.000	17.985
S	13.170	20.670	18.000	21.550	18.347
W	44.450	17.720	17.720	17.250	24.285
Mean	26.311	18.387	19.165	18.390	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 0100	0500	1000	2000	Mean
Station 01					
E	11.500	7.000	9.100	4.300	8.366
N	9.800	8.900	11.000	7.200	9.225
S	13.200	9.200	11.800	13.300	11.875
W	8.300	6.700	6.700	7.100	7.200
Mean	10.700	7.950	9.650	7.975	9.068
Station 02					
E	8.100	7.900	4.800	4.500	6.522
N	5.100	12.000	6.900	7.700	7.925
S	6.400	5.600	8.700	25.400	11.525
W	3.000	6.000	7.100	13.600	7.425
Mean	5.650	7.875	6.875	12.800	8.300
Station 03					
E	5.300	4.800	3.400	3.100	4.277
N	29.900	2.900	3.300	7.900	11.000
S	5.600	4.700	5.300	8.100	5.925
W		6.100	4.100	13.100	5.825
Mean	10.200	4.625	4.025	8.050	6.725
Station 04					
E	8.750	8.800	11.300	10.900	9.805
N	9.000	10.600	11.500	8.600	9.925
S	13.400	10.800	12.200	12.800	12.300
W	8.400	14.500	9.100	15.700	11.925
Mean	9.887	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

Summary for ZN in Surficial Sediments PAGE 9

Transect	Distance 0100	0500	1000	2000	Mean
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	60.037	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	25.300
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	24.000	19.625
S	19.700	18.200	19.400	32.000	22.325
W	18.200	25.000	21.600	25.700	22.625
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	99.000	33.900	30.200	37.000	50.025
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	.417	5.630	5.254	.437	7.840	5.230	23.400	103.400	4.600
0500	.556	5.510	8.760	.494	8.970	12.290	36.300	86.000	7.500
1000	.430	9.010	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	14.656	.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	.230	15.230	12.678	.818	15.430	27.310	54.700	46.200	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	.677	13.480	15.140	49.900	46.600	10.200
1000	.374	6.910	13.132	.500	9.060	17.530	49.100	60.600	10.700
2000	.235	11.140	12.827	.832	14.200	16.880	49.200	37.200	17.900
Station 09									
0100	.388	9.430	11.338	.762	9.750	13.600	44.400		13.400
0500	.347	9.390	13.206	.573	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	.899	13.030	6.690	32.300		10.900
1000	.366	5.830	11.214	.583	8.870	9.160	37.100	60.800	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	7.520	31.300	35.200	6.100
2000	.273	8.810	12.827	.745	14.710	10.430	42.000	13.000	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	9.300
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	10.800
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	.235	14.460	7.905	.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	6.900	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	.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

Sample Label	Core Seg cm	Cadmium ug/g	Chromium ug/g	Copper ug/g	Iron %	Nickel ug/g	Lead ug/g	Zinc ug/g
780501PN0500283	0.0-10.0	.386	14.2	14.8	1.50	13.5	10.6	43.9
780501PN0500283	10.0-20.0	.392	13.8	16.7	1.54	15.0	13.1	46.4
780501PN0500283	20.0-30.0	.390	13.8	16.6	1.18	15.0	12.6	44.9
780501PN0500283	30.0-40.0	.421	11.9	16.9	1.23	14.3	12.1	41.4
780501PN0500283	40.0-50.0	.415	13.5	17.6	1.50	15.2	13.5	46.9
780502PN0500283	0.0-10.0	.436	8.2	14.6	1.03	14.1	11.1	37.9
780502PN0500283	10.0-13.5	.459	8.6	14.2	1.06	14.5	10.1	40.4
780502PN0500283	13.5-16.0	.457	8.2	13.8	1.05	13.7	9.7	39.4
780502PN0500283	16.0-26.0	.449	8.0	14.1	1.02	13.9	8.7	38.4
780503PN0500283	0.0-10.0	.554	15.7	18.0	2.07	17.1	12.6	50.8
780503PN0500283	10.0-20.0	.644	15.4	19.8	1.05	18.4	13.5	54.3
780503PN0500283	20.0-30.0	.709	15.6	22.0	1.65	18.6	13.5	51.3
780503PN0500283	30.0-40.0	.696	14.9	22.2	1.47	19.0	13.5	53.3
780503PN0500283	40.0-50.0	.686	15.7	22.7	1.28	19.7	13.1	56.8
780504PN0500283	0.0-10.0	.411	10.7	16.8	1.24	15.0	11.6	49.4
780504PN0500283	10.0-12.0	.388	13.5	18.1	1.72	15.6	11.6	51.8
780504PN0500283	12.0-14.0	.395	11.4	18.1	1.39	17.1	14.5	53.8
780504PN0500283	14.0-22.0	.464	10.0	18.1	1.17	18.0	13.5	55.3
780521C 283	0.0-10.0	.561	10.1	18.5	1.19	15.0	13.5	46.4
780521C 283	10.0-20.0	.557	10.4	18.9	1.45	16.1	12.6	49.9
780521C 283	20.0-30.0	.535	9.5	18.9	1.23	15.2	13.5	48.9
780521C 283	30.0-40.0	.561	10.6	19.6	1.66	16.3	14.0	49.4
780521C 283	40.0-50.0	.605	9.7	19.8	1.63	14.8	14.0	47.4
780522C 283	0.0-10.0	.391	8.8	12.1	.93	12.3	9.7	39.9
780522C 283	10.0-20.0	.650	10.1	17.3	1.08	15.2	11.6	47.4
780522C 283	20.0-30.0	.641	8.6	16.6	.98	15.4	9.2	45.4
780522C 283	30.0-40.0	.632	7.4	11.7	.84	13.7	9.2	38.4
780522C 283	40.0-50.0	.623	9.7	16.6	1.59	15.3	12.6	44.9
780523C 283	0.0-10.0	.327	14.9	14.9	.54	14.5	14.0	48.4
780523C 283	10.0-20.0	.271	11.1	14.9	1.26	12.8	12.6	43.4
780523C 283	20.0-30.0	.260	11.7	15.4	1.30	13.6	12.6	47.4
780523C 283	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
(ug/gm, dry wt.)

Cruise: 7805

Species: Lutjanus campechanus

Tissue: L

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	Be	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.

Species: Chaetodipterus faber Tissue: F

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	5	.251	.200*	1.360	8.600	.601	.250	19.240	.000	.000
02P	5	.042	.290	1.330	12.600	.591	.110*	17.150	.000	.000
03P	5	.074	.200*	1.100	16.700	.581	.110	20.300	.000	.000
04P	5	.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	.593	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: Chaetodipterus faber

Tissue: G

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
(ug/gm, dry wt.)

Cruise: 7805

Species: Chaetodipterus faber Tissue: L

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	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	25.043	.637	14.750	3964.900	.842	.260*	102.760		4.100
04P	5	29.390	.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		29.390	.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	?1000000	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	.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	.914		13.840		
Maximum				.920	15.200	1.541		15.520		
Average				.805	13.900	1.228		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: 7808

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
15S	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	Be	V
15S	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
(ug/gm, dry wt.)

Cruise: 7808

Species: Coryphaena hippurus

Tissue: LIVER

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	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	Be	V
03P	5	.011*	1.510	.500*	28.500	.469	.110*	10.140	.000	
04P	5	.166	.848	.710	27.000	.381*	.340	11.320	.000	.000
07S	5	.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/gm, dry wt.)

Cruise: 7808

Species: Lutjanus campechanus

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	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	1.523	.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	209.500	.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		.673		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			?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: Archosargus probatocephalus — Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	5	.048	1.693	.840	35.700	1.139	.110*	18.080	.000	.000
05S	5	.011*	.200*	.790	14.000	2.327	.110*	14.700		.000
08S	5	.011*	.200*	1.670	12.400	.836	.110*	14.900		.000
10S	5	.011*	.398	.790	15.800	.914	.110*	14.050		.000
11S	5	.057	.439	2.180	12.500	.993	.110	12.380		
12S	5	.011*	.520	1.150	17.400	.381*	.110*	16.150		.000
14S	4	.011*	2.026	1.600	28.600	1.777	.110*	13.430	.000	.000
18S	5	.011*	.480	.570	13.400	.523	.110*	9.230	.000	.000
19S	5	.051	1.698	1.030	33.300	.913	.210	11.320	.000	.000
20S	5	.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/gm, dry wt.)

Cruise: 7808

Species: Archosargus probatocephalus

Tissue: GILLS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ha	V
01P	5	.125*	1.028	21.451	381.800	1.717	.272*	147.700	.000	.600
05S	5	.409	1.112	26.835	502.800	4.032	.608	129.720	.000	
08S	5	.510	1.031	65.570	664.600	1.473	.272*	157.090	139.200	
10S	5	.338	.866	7.529	302.300	2.964	.902	139.040	.000	.000
11S	5	.125*	1.110	4.288	261.100	2.954	1.502	144.600	.000	1.900
12S	5	.125*	2.679	9.672	281.900	3.706	.272*	144.970	.000	1.050
14S	4	.136	.659	3.222	201.200	1.885	.803	135.830	.000	
18S	5	.213	1.318	16.108	201.200	3.124	.433	172.020	.000	.000
19S	5	.151	12.981	9.670	583.800	20.742	.648	181.180	.000	.000
20S	5	.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	.659	3.222	201.200	1.220	.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	Ba	V
01P	5	.762	.508	179.290	1055.000	.332	.260*	429.220	.000	.000
05S	5	.977	.700	116.020	1850.600	1.285	.400	389.610	.000	
08S	5	.158	.181*	3.210	539.300	.251*	.380	22.880*	.000	.600
10S	5	1.506	.510	192.030	1890.700	.251*	5.320	440.820	.000	
11S	5	2.313	.510	285.910	1511.900	.926	5.820	490.400	.000	
12S	5	2.541	.382	256.330	1851.800	.588	.500	530.960	.000	
14S	4	2.135	.381	123.220	1282.300	.616	.700	274.500	.000	
18S	5	2.553	.763	198.340	1434.000	.251*	.260*	319.010		2.150
19S	5	1.835	.764	170.400	2342.600	.251*	.260*	535.640		6.760
20S	5	1.635	.181*	159.450	943.300	.251*	1.110	410.720		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	168.920	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	?1000000	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	Ba	V
05S	5	.046*	.280	2.670	89.170	.297*	1.781	11.460		6.090
08S	5	.046*	.186*	1.480	9.120	.297*	.189	5.380*		.000
10S	5	.139	.186*	2.530	26.660	.297*	.127	11.350		.000
11S	5	.046*	1.819	.800	11.890	.297*	.158	7.250		.070
14S	4	.046*	.186*	1.060	8.200*	.297*	.160	6.560		.050
18S	5	.046*	.186*	.860	8.200*	.297*	.147	7.760		.000
19S	5	.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	.680	22.100	.444	.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	.680	22.000	.444		11.340		.000
Maximum		.022	.785	5.200	22.100	2.873		22.030		1.450
Average		.022	.745	2.940	22.050	1.658		16.685		.725
Std.Dev.		.000	.057	3.196	.071	1.718		7.559		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	Be	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	.251*	.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		.614		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		.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 faber Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ha	V
01P	5	.024	3.121	1.490	34.200	.381*	.110*	11.310		.200
02P	5	.019	.200*	.840	20.800	1.250	.440	18.080	.000	.000
03P	5	.119	.266	.970	12.600	.381*	.260	20.260	.000	
04P	5	.034	1.648	1.870	18.800	.381*	.370	18.080	.000	.000
06S	5	.011*	.200*	.790	10.100	2.091	.110*	17.420		.000
08S	5	.022	.200*	.790	20.700	.381*	.110*	15.760		
10S	5	.011*	.200*	1.120	14.800	.523	.110*	13.230		.000
11S	5	.066	.200*	.920	20.100	.381*	.110*	17.220		.000
12S	5	.034	.200*	.920	18.100	1.229	.160	13.860		.000
13S	5	.043	.200*	.760	13.800	.574	.110*	15.030		.000
14S	5	.016	.200*	.920	13.900	.381*	.110*	17.010		.000
18S	5	.158	.200*	.920	16.200	2.324	.110*	21.400		.000
19S	12	.063	2.209	1.830	42.800	1.620	.110*	18.890	.000	.350
20S	5	.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	?1000000	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	Ba	V
01P	5	.738	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		
04P	5	.480	1.440	11.803	542.800	.809	.272*	90.460	.000	
05S	10									.000
08S	5									.400
10S	5	.125*	.658	10.728	502.500	1.635	.272*	99.490	.000	.000
11S	5	.125*	.617	7.512	321.700	.810	.272*	72.380	.000	.000
12S	5	.136	.990	2.149	322.000	.341*	.272*	60.380	.000	.000
13S	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	442.600	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.		.258	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	5	2.039	.678	9.390	1284.400	.291	.260*	76.500	.000	1.850
03P	5	1.807	.255	6.720	416.200	.251*	1.110	38.970	.000	.450
04P	5	2.818	.382	12.060	1018.700	.251*	.460	76.410	.000	1.100
06S	5	1.916	.181*	4.040	268.800	.251*	.260*	22.880*	.000	
08S	5	1.142	.181*	148.700	943.100	.251*	.260*	372.440	.000	.000
10S	5	1.815	.181*	4.020	226.200	.251*	.260*	23.370		.200
11S	5	14.133	.324	10.770	1061.300	.251*	.510	52.780	.000	1.910
12S	5	2.092	.181*	5.370	755.500	.251*	.260*	31.370		.400
13S	5	1.226	.311	5.640	675.400	.260	.400	44.740		
14S	5	7.393	.181*	2.580*	143.600	.251*	.260*	22.880*		.000
16S	5	10.516	.181*	10.750	719.200	.251*	.260*	67.080	.000	1.650
19S	12	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		.600
Number		14	6	13	14	3	6	12	9	12
Minimum		1.060	.255	4.020	143.600	.260	.400	23.370	.000	.000
Maximum		14.133	.678	148.700	1284.400	.459	1.110	372.440	.000	1.910
Average		4.007	.388	18.889	716.886	.337	.558	80.803	.000	.751
Std.Dev.		4.056	.150	39.131	341.007	.107	.273	93.980	.000	.721
Rel.S.D.		101.235	38.526	207.162	47.568	31.803	48.872	116.308	?1000000	96.094

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

Species: Chaetodipterus faber

Tissue: GONADS

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
01P	5									.200
06S	5	.378	.207	4.520	54.710	1.231	.478	79.180		
08S	5	.195	.186	4.320	50.220	.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	.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	Be	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.)

Cruise: 7805

Species: Etropus crossotus Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ha	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	Be	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		2	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
(ug/gm, 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	112.227	326.567	4.406	.443	1872.283		
Std.Dev.		8.031	.164	111.289	254.136	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	28.355	.160	.467	130.645		.000
Rel.S.D.		6.754	45.505	4.520	22.495	3.603	59.075	9.669		71000000

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: 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	
08SN0500	5	1.576	.799	28.170	548.300	22.263	1.960	130.700	.000	.000
13SN0500	10	.932	1.292	22.900	366.100	14.563	5.390	90.250	.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	16.330	2.540	105.722	37.825	.375
Std.Dev.		.496	.397	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	.120	.200*	24.390	34.200	.693	.540	54.220	.000	.000
06SN0500	9	.158	.355	25.580	95.300	.820	.190	60.780	.000	.250
07SN0500	5	.015	.200*	24.370	16.200	.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	1.124	.110*	60.820	.000	.000
14SN0500	4	.069	.215	24.970	18.800	.838	.110*	47.040	.000	.000
15SN0500	5	.087	.200*	29.290	46.400	.768	.140	60.840	.000	.000
16SN0500	5	.093	.480	17.980	59.500	2.621	.110*	55.030		
17SN0500	5	.175	.297	28.060	66.500	.381*	.110*	68.660		.000
23C	5	.069	.337	10.700	35.900	1.227	.110	33.770		.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	33.381	.629	.160	10.304	.000	.125
Rel.S.D.		69.349	51.488	24.067	71.518	53.235	70.680	19.215	?1000000	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
19SN0500	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
(ug/gm, dry wt.)

Cruise: 7808

Species: Callinectes similis Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
18SN0500	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	Be	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.		2.275	.258	14.411	5.940	.584		18.151		.000
Rel.S.D.		43.177	40.170	20.467	16.363	24.886		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: Centropristis philadelphica

Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	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	Ba	V
14SN0500	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		.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
(ug/gm, dry wt.)

Cruise: 7808

Species: Cynoscion arenarius — Tissue: FLESH

Platform	Ind.	Cd	Cr	Cu	Fe	Ni	Pb	Zn	Ba	V
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

Tissue: FLESH

Platform	Ind.	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	
06SN0500	6	.011*	.200*	.970	14.200	.895	.160	19.170	.000	.000
08SN0500	5	.021	.200*	1.350	22.700	.707	.110*	20.200	.000	.000
13SN0500	5	.063	.317	.900	25.400	.626	.110*	15.110		.000
16SN0500	4	.028	.200*	1.230	25.800	.381*	.110*	17.810		.000
21C	10	.022	.358	1.450	20.700	.522	.110*	26.840		.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	.338	1.289	18.975	.760	.333	20.331	.000	.000
Std.Dev.		.021	.029	.305	5.197	.319	.159	3.423	.000	.000
Rel.S.D.		48.537	8.590	23.687	27.390	41.996	47.956	16.834	?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 Cruise I	Columns Cruise II	Parameter	Units
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	μg Atoms/Kg sediment
			31-40	Ammonia-Nitrogen	μg Atoms/Kg sediment
			41-50	Nitrate-Nitrogen	μg Atoms/Kg sediment
			51-57	Nitrite-Nitrogen	μg Atoms/Kg sediment
			58-67	Total Nitrogen	μg Atoms/Kg sediment
			68-77	Total Phosphorus	μg 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	

[1]All NO_2-N figures are artificial: all concentrations were below detectable limits.

Process	Key (22-25)	Parameter (26-28)	Units
Nitrification	NIT.	NH4	Ammonia-Nitrogen in ng × 10^{-1}/ml sediment
		NO3	Nitrate-Nitrogen μg/ml sediment
		NO2	Nitrite-Nitrogen μg/ml sediment
Nitrogen Fixation	NFIX	TN	Total Nitrogen μg/ml sediment
		CO2	CO_2-C μg/ml sediment
Dentrification	DEN.	N_2	Gaseous Nitrogen μg/ml sediment
Sulfate Reduction	SOR.	SO4 or SOL	Water Soluble Sulfur μg/ml sediment
		RED or INS	Insoluble Sulfur μg/ml sediment
Sulfur Oxidation	SOX.	ELS or INS	Insoluble Sulfur μg/ml sediment
Photosynthesis	PHOTOSY or PHOTO.		Change in dissolved oxygen in 8 hours in μg/ml sediment
Metabolic Activity	ET.ACT or M.A.		Change in dissolved oxygen in 8 hours in μg/ml sediment
Heterotrophic Activity	HET.	CO2	CO_2-C from glucose μg/ml sediment
Phosphorus Uptake	PO4.	SOL	Soluble Phosphorus μg/ml sediment
		INS	Insoluble Phosphorus μg/ml sediment
Lipolysis	LIP.	CO2	CO_2-C from tripalmitin μg/ml sediment
Chitinolysis	CHI.	CO2	CO_2 in atmosphere μg/ml sediment (Cruise I ×10^{-2};Cruises II & III × 10^{-3})
		O2	O_2 in atmosphere μg/ml sediment (Cruise I, ×10^{-2};Cruises II & III,×10^{-3})
		N2	N_2 in atmosphere μg/ml sediment (Cruise I, ×10^{-2}; Cruises II & III × 10^{-3})
Cellulolysis	CEL.	CO2	Co_2-C from cellulose μg/ml sediment
Proteloysis	PRO.	CO2	CO_2-C from bovine serum albumin μg/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 (μg/ml sediment) based on the amount of n-C_{16}
		64-73	
		74-83	
		1-4	Date of Cruise
		5	Composite (P = Platform; C = Control)
			Test system
		8-9	Days of incubation
Oxygen Utilization		1-4	Date of Cruise
		5	Composite
		6	Test system
		7-8	Days of incubation
		11-16	O_2 uptake in μgO_2/ml sediment (replicates)
		19-24	
		27-32	
		35-40	
		43-48	
		51-56	
		59-6	
		67-72	
		75-80	

Any values of "-99.999" imply unavailable data

@MDG,P ****** CEL ******

SELT,L RF4L8C91.CEL

EL1237 SL73R1 05/29/79 11 53 03 (0)1

000001	00	780501PC0500285C1B.M0CEL.CO2	.0000	2192641.7500	1226611.9404	207090.9805	
000002	00	780501PC0500285C1B.M1CEL.CO2	3091404.8750	1250172.4531	2467491.9687	104425.4805	
000003	00	780501PC0500285C2B.M0CEL.CO2	.0000	493381.0625	14959.8301	79492.4297	
000004	00	780501PC0500285C2B.M2CEL.CO2	47519.4600	3619.9600	13813.2900	3670944.8750	
000005	00	780502PC0500285C1B.M1CEL.CO2	5644842.5000	1065381.2344	2495971.7500	8691954.5000	
000006	00	780502PC0500285C1B.M2CEL.CO2	5786227.5625	1268652.2500	1805872.1406	1606861.7500	
000007	00	780502PC0500285C1B.M3CEL.CO2	4545441.6875	122905.2705	4724373.0000	4972236.8125	
000008	00	780502PC0500285C2B.M0CEL.CO2	.0000	2192056.3937	.0000	777424.5000	
000009	00	780502PC0500285C2B.M1CEL.CO2	1759.9800	1514756.1250	1058 7213.2500	.0000	
000010	00	780502PC0500285C2B.M3CEL.CO2	3663105.0625	11496189.3750	137918.6602	3283829.3437	
000011	00	780503PC0500285C1B.M1CEL.CO2	5947265.7500	4579174.6250	2498398.7187	6757736.5625	
000012	00	780503PC0500285C1B.M3CEL.CO2	5870547.1875	1796507.2812	404887.7109	3889262.4687	
000013	00	780503PC0500285C2B.M3CEL.CO2	4867518.0000	12055276.3750	9051496.7500	1068894.5156	
000014	00	780504PC0500285C1B.M1CEL.CO2	4862531.4375	703992.0000	5342419.3125	17141325.2500	
000015	00	780504PC0500285C1B.M2CEL.CO2	11012488.2500	269570.2695	672312.3594	6323608.1250	
000016	00	780504PC0500285C2B.M0CEL.CO2	.0000	25519.7100	51332.7500	40479.5400	
000017	00	780504PC0500285C2B.M1CEL.CO2	.0000	.0000	1153373.5625	1273638.8594	
000018	00	780504PC0500285C2B.M2CEL.CO2	6728110.2500	.0000	5037592.3125	48106.1201	
000019	00	780521CC0500285C1B.M0CEL.CO2	.0000	129065.2002	4056753.9062	9089710.0000	
000020	00	780521CC0500285C1B.M2CEL.CO2	1476916.5469	7032500.0625	5781981.1875	1009859.5205	
000021	00	780521CC0500285C1B.M3CEL.CO2	8213.2400	11138913.3750	326769.6211	1058041.3125	
000022	00	780521CC0500285C2B.M0CEL.CO2	.0000	.0000	.0000	1870853.7500	
000023	00	780521CC0500285C2B.M1CEL.CO2	521540.7422	775657.8516	4925890.6875	.0000	
000024	00	780521CC0500285C2B.M2CEL.CO2	2761847.2620	11173.2305	1361277.9844	26176596.0000	
000025	00	780521CC0500285C2B.M3CEL.CO2	.0000	75972.4697	8205026.7500	3095218.1562	
000026	00	780522CC0500285C1B.M1CEL.CO2	126718.5605	601326.9000	408902.0195	109705.4199	
000027	00	780522CC0500285C1B.M2CEL.CO2	2817934.6562	774391.2031	136452.0098	9386.5601	
000028	00	780522CC0500285C1B.M3CEL.CO2	84772.3701	56612.6899	2022510.3594	2718289.1250	
000029	00	780522CC0500285C2B.M0CEL.CO2	.0000	.0000	.0000	1826859.2500	
000030	00	780522CC0500285C2B.M1CEL.CO2	649139.2891	1351664.5406	.0000	.0000	
000031	00	780522CC0500285C2B.M2CEL.CO2	.0000	623326.2500	4557468.1875	.0000	
000032	00	780522CC0500285C2B.M3CEL.CO2	538260.5468	57492.6802	4536355.1250	1298451.8062	
000033	00	780523CC0500285C1B.M0CEL.CO2	.0000	439701.6719	195064.4512	4693.2800	
000034	00	780523CC0500285C1B.M1CEL.CO2	439400.3398	937482.6797	1168040.0625	3109004.6875	
000035	00	780523CC0500285C1B.M2CEL.CO2	1122867.4844	150978.2891	101198.8506	26399.2000	
000036	00	780523CC0500285C1B.M3CEL.CO2	262530.3516	1719490.5469	2820661.2812	7074012.8750	
000037	00	780523CC0500285C2B.M0CEL.CO2	.0000	3429907.6875	.0000	21706.4199	
000038	00	780523CC0500285C2B.M1CEL.CO2	2933.3000	313569.7695	4038902.0195	8673474.7500	
000039	00	780523CC0500285C2B.M2CEL.CO2	2377146.3125	120556.6299	3590065.8750	7699912.5000	
000040	00	780523CC0500285C2B.M3CEL.CO2	.0000	1741130.8125	6271179.5391	1776166.4687	
000041	00	780524CC0500285C1B.M2CEL.CO2	1134013.7812	1505749.5469	670259.0469	23173.0701	
000042	00	780524CC0500285C1B.M3CEL.CO2	953909.1641	7300236.3750	7088612.8125	7164291.9375	
000043	00	780524CC0500285C2B.M0CEL.CO2	.0000	13119.8101	.0000	958309.1094	
000044	00	780524CC0500285C2B.M1CEL.CO2	16719.8105	.0000	9140322.3500	364859.5081	
000045	00	780524CC0500285C2B.M2CEL.CO2	2933.3000	1207639.6094	.0000	.0000	
000046	00	780501PC0500285C1B.M0CEL.INS	.0000	66683.3000	47046.7998	29424.6001	
000047	00	780501PC0500285C1B.M1CEL.INS	48403.0000	13528.8000	48290.6001	43972.3999	
000048	00	780501PC0500285C2B.M0CEL.INS	.0000	34033.2002	102883.0000	84425.2002	
000049	00	780501PC0500285C1B.M2CEL.INS	43172.2002	52184.0000	46887.3999	58787.0000	
000050	00	780502PC0500285C1B.M1CEL.INS	79552.2002	75209.6001	78185.7998	35418.4000	
000051	00	780502PC0500285C1B.M2CEL.INS	31736.4004	73834.7998	48117.6001	56627.2002	
000052	00	780502PC0500285C2B.M1CEL.INS	42080.3999	73834.7998	87716.2002	70178.4004	
000053	00	780502PC0500285C2B.M0CEL.INS	.0000	106293.6006	92892.2002	67633.2002	
000054	00	780502PC0500285C2B.M1CEL.INS	115317.7002	116799.6006	129124.7998	70853.4004	
000055	00	780502PC0500285C2B.M3CEL.INS	44473.0000	73421.7998	74913.0000	63169.6001	
000056	00	780503PC0500285C1B.M1CEL.INS	70450.2002	52609.3999	61659.3999	54942.2002	
000057	00	780503PC0500285C1B.M3CEL.INS	38662.6001	54762.3999	41522.6001	68034.7998	
000058	00	780503PC0500285C2B.M3CEL.INS	29111.2000	32086.8000	51898.3999	69792.0000	
000059	00	780504PC0500285C1B.M1CEL.INS	59839.0000	111721.4004	61030.3999	55546.2002	
000060	00	780504PC0500285C1B.M3CEL.INS	37255.0000	74148.7998	48915.3952	45904.7998	
000061	00	780504PC0500285C2B.M0CEL.INS	.0000	83334.3000	74449.4004	.0000	
000062	00	780504PC0500285C2B.M1CEL.INS	56654.3999	46639.3000	177089.4004	81276.2002	
000063	00	780504PC0500285C2B.M2CEL.INS	54835.2002	47546.3999	62259.3999	79044.5996	
000064	00	780521CC0500285C1B.M0CEL.INS	.0000	69647.2002	38427.6001	65743.2030	
000065	00	780521CC0500285C1B.M2CEL.INS	71910.7998	64701.0000	78495.7998	45545.2002	
000066	00	780521CC0500285C1B.M3CEL.INS	65733.3994	72775.2002	59228.3999	66510.2002	
000067	00	780521CC0500285C2B.M0CEL.INS	.0000	99286.2002	143947.4004	115704.2002	
000068	00	780521CC0500285C2B.M1CEL.INS	103719.2002	99350.7998	48459.4004	53492.6001	
000069	00	780521CC0500285C2B.M2CEL.INS	91827.4004	42951.3999	22619.3999	21706.2000	
000070	00	780521CC0500285C2B.M3CEL.INS	.0000	59730.2002	50428.2002	70287.7998	
000071	00	780522CC0500285C1B.M1CEL.INS	74602.2002	68280.5996	38195.6001	37389.2002	
000072	00	780522CC0500285C1B.M2CEL.INS	50784.0000	47416.7998	34827.3999	30410.2000	
000073	00	780522CC0500285C1B.M3CEL.INS	43638.0000	41365.3999	37858.6001	33048.0000	

000074	00	780522CC05002B5C2B.M0CEL.INS	.0000	19054.6001	87196.0000	45568.6001
000075	00	780522CC05002B5C2B.M1CEL.INS	44264.2998	64186.0000	85071.2000	37509.2002
000076	00	780522CC05002B5C2B.M2CEL.INS	35185.0000	61001.4001	35105.6000	20547.8000
000077	00	780522CC05002B5C2B.M3CEL.INS	22158.8000	32477.4001	26104.0000	30314.6001
000078	00	780523CC05002B5C1B.M0CEL.INS	.0000	69535.5996	151840.0000	57754.0000
000079	00	780523CC05002B5C1B.M1CEL.INS	65934.7998	76655.7998	56197.3999	44963.2002
000080	00	780523CC05002B5C1B.M2CEL.INS	31285.0000	16747.3999	26719.8000	27731.8000
000081	00	780523CC05002B5C1B.M3CEL.INS	16712.5999	42278.2002	26238.8000	27461.8000
000082	00	780523CC05002B5C2B.M0CEL.INS	.0000	68051.3000	68063.7998	85413.5996
000083	00	780523CC05002B5C2B.M1CEL.INS	57852.2002	37758.3999	60194.2002	79169.5996
000084	00	780523CC05002B5C2B.M2CEL.INS	35480.6000	36445.8000	50450.4003	52156.6001
000085	00	780524CC05002B5C1B.M0CEL.INS	.0000	86414.5996	60402.6001	91174.5996
000086	00	780524CC05002B5C1B.M2CEL.INS	50164.0000	51901.0000	32998.3999	37116.6001
000087	00	780524CC05002B5C1B.M3CEL.INS	34977.3999	58103.3999	31599.4001	11999.0000
000088	00	780524CC05002B5C2B.M0CEL.INS	.0000	112297.6006	91608.5996	81955.0000
000089	00	780524CC05002B5C2B.M1CEL.INS	53038.2002	49409.6001	40947.0000	48979.6001
000090	00	780524CC05002B5C2B.M2CEL.INS	39435.3999	32418.8000	33551.1997	51385.2002
000091	00	780501PC05002B5C1B.M0CEL.SOL	.0000	18376.3999	19412.6001	24785.4001
000092	00	780501PC05002B5C1B.M1CEL.SOL	4524.2000	26917.6001	4756.2000	7885.4000
000093	00	780501PC05002B5C2B.M0CEL.SOL	.0000	19816.3999	13419.0000	23781.8000
000094	00	780501PC05002B5C2B.M2CEL.SOL	11540.4000	22581.6000	7885.6000	8496.6000
000095	00	780502PC05002B5C1B.M1CEL.SOL	3378.2000	11351.2000	5383.4000	4703.2000
000096	00	780502PC05002B5C1B.M2CEL.SOL	1522.6000	15633.3000	1664.8000	2671.4000
000097	00	780502PC05002B5C1B.M3CEL.SOL	2662.6000	11234.0000	1928.6000	2785.0000
000098	00	780502PC05002B5C2B.M0CEL.SOL	.0000	17497.0000	22359.0000	18698.6001
000099	00	780502PC05002B5C2B.M1CEL.SOL	3968.2000	25202.6000	7803.6000	4131.4000
000100	00	780502PC05002B5C2B.M2CEL.SOL	4207.2000	14839.6001	1778.4000	2931.8000
000101	00	780503PC05002B5C1B.M0CEL.SOL	7917.2000	24263.8000	11479.2000	10065.6000
000102	00	780503PC05002B5C1B.M1CEL.SOL	3231.2000	22053.2000	2402.4000	4709.2000
000103	00	780503PC05002B5C1B.M2CEL.SOL	2627.4000	16909.2000	2645.6000	2354.0000
000104	00	780503PC05002B5C1B.M3CEL.SOL	3307.4000	19876.8000	4567.4000	5421.4000
000105	00	780504PC05002B5C1B.M2CEL.SOL	3909.2000	15886.8000	2477.2000	2794.2000
000106	00	780504PC05002B5C2B.M0CEL.SOL	.0000	23272.6001	11956.8000	.0000
000107	00	780504PC05002B5C2B.M1CEL.SOL	6747.0000	13650.8000	12092.4000	7627.6000
000108	00	780504PC05002B5C2B.M2CEL.SOL	5756.6000	23134.8000	4379.4000	6945.6000
000109	00	780521CC05002B5C1B.M0CEL.SOL	.0000	17979.2002	24154.3999	20249.2000
000110	00	780521CC05002B5C1B.M2CEL.SOL	4867.6000	13555.2000	6292.0000	5531.6000
000111	00	780521CC05002B5C1B.M3CEL.SOL	2129.0000	20272.6001	3337.2000	2936.8000
000112	00	780521CC05002B5C2B.M0CEL.SOL	.0000	16629.5996	27862.4001	21662.4001
000113	00	780521CC05002B5C2B.M1CEL.SOL	6845.8000	30114.9000	6445.4000	5411.6000
000114	00	780521CC05002B5C2B.M3CEL.SOL	4864.0000	16655.8000	4644.6000	2689.6000
000115	00	780522CC05002B5C1B.M0CEL.SOL	.0000	14300.6000	10824.8000	11416.0000
000116	00	780522CC05002B5C1B.M1CEL.SOL	3780.0000	21410.6001	1602.6000	2978.2000
000117	00	780522CC05002B5C1B.M2CEL.SOL	4170.0000	17122.2000	2517.4000	1749.4000
000118	00	780522CC05002B5C1B.M3CEL.SOL	3209.0000	11611.3000	1495.0000	1542.8000
000119	00	780522CC05002B5C2B.M0CEL.SOL	.0000	11599.8000	18945.8000	19788.8000
000120	00	780522CC05002B5C2B.M1CEL.SOL	2226.6000	13435.2003	1548.4000	3012.2000
000121	00	780522CC05002B5C2B.M2CEL.SOL	6228.2000	19318.3999	6239.0000	3753.6000
000122	00	780522CC05002B5C2B.M3CEL.SOL	751.2000	7996.8000	1107.2000	1080.0000
000123	00	780523CC05002B5C1B.M0CEL.SOL	.0000	15073.4000	8956.4000	10286.2000
000124	00	780523CC05002B5C1B.M1CEL.SOL	1305.4000	17242.2000	2428.4000	2378.2000
000125	00	780523CC05002B5C1B.M2CEL.SOL	1755.2000	12219.0000	2279.4000	2724.8000
000126	00	780523CC05002B5C1B.M3CEL.SOL	1585.2000	10349.6000	1298.2000	1485.0000
000127	00	780523CC05002B5C2B.M0CEL.SOL	.0000	12543.4000	10179.6000	17718.3999
000128	00	780523CC05002B5C2B.M1CEL.SOL	4328.0000	14351.2000	4684.8000	5711.2000
000129	00	780523CC05002B5C2B.M2CEL.SOL	1319.6000	7854.6000	2098.2000	2670.8000
000130	00	780523CC05002B5C2B.M3CEL.SOL	.0000	1411.2000	2068.8000	2678.0000
000131	00	780524CC05002B5C1B.M0CEL.SOL	6526.4000	2830.8000	3240.2000	3864.4000
000132	00	780524CC05002B5C1B.M1CEL.SOL	1476.4000	5091.6000	1141.8000	640.8000
000133	00	780524CC05002B5C2B.M0CEL.SOL	.0000	24219.2002	18520.6001	20836.2000
000134	00	780524CC05002B5C2B.M1CEL.SOL	3591.6000	16522.8000	3491.8000	4168.4000
000135	00	780524CC05002B5C2B.M2CEL.SOL	4479.6000	14530.0000	4364.8000	7331.2000

END ELT.

```
JHOG,P ****** CHEM-MIC ******

$ELT,L RFHLHCP1.CHEM-MIC                                    PO4   NH4   NO3        TN    TP
EL1307 SL7381 05/28/79 11 53 06 (0.)
000001  00  7805210  2851.B.M  025   200   125   5  2500  24000  4210   C
000002  00  7805210  2852.B.M  025   200  4500   5  2000  38000  5780   C
000003  00  7805210  2853.B.M  250  2200  3750   5   500  17000  6540   C
000004  00  7805210  2854.B.M  025  2200  3500   5  2000  45000  7200   C
000005  00  7805220  2851.B.M  025  2200  2150   5  2500  42000  6630   C
000006  00  7805220  2852.B.M  025   200  2500   5  1200  42000  6970   C
000007  00  7805220  2853.B.M  250   200  1750   5  3500  39000  5310   C
000008  00  7805220  2854.B.M  025   200  4850   5  6000  46000  6510   C
000009  00  7805230  2851.B.M   25  2200  8750   5  3000  32000  5350   C
000010  00  7805230  2852.B.M  250   200  7500   5  1200  36000  5330   C
000011  00  7805230  2853.B.M  025   200  7700   5  6000  36000  7080   C
000012  00  7805230  2854.B.M 3000   200  9300   5  1500  32000  6010   C
000013  00  7805240  2851.B.M  025   200  4100   5  3500  24000  5790   C
000014  00  7805240  2852.B.M  025  6200  4100   5  1200  22000  5130   C
000015  00  7805240  2853.B.M  025 20800  2750   5  1200  18000  4460   C
000016  00  7805240  2854.B.M  250  2200  3500   5  1500  25000  6150   C
000017  00  7805010PN05002851.B.M  250   200   750   5   500  39000 11440   C
000018  00  7805010PN05002852.B.M  250  2200  2750   5  1200  33000  9410   C
000019  00  7805010PN05002853.B.M  250  2200  4050   5  2500  34000 10110   C
000020  00  7805010PN05002854.B.M  250  4500  5450   5  1200  31000  8440   C
000021  00  7805010PE05002851.B.M  250   200  2500   5  1000  31000  6480   C
000022  00  7805010PE05002852.B.M 3900  2200  6000   5  5000  31000  6560   C
000023  00  7805010PE05002853.B.M  250  2200   850   5  1000  34000  7140   C
000024  00  7805010PE05002854.B.M  250  2200  3000   5  1200  31000  6710   C
000025  00  7805010PS05002851.B.M  250  2200  1750   5  2000  29000  6520   C
000026  00  7805010PS05002852.B.M  250  4400   750   5  3000  30000  5850   C
000027  00  7805010PS05002853.B.M  250  2200   250   5  5000  31000  5550   C
000028  00  7805010PS05002854.B.M  250  2200  3500   5  1000  24000  5470   C
000029  00  7805010PW05002851.B.M  250  2200  2000   5  1200  24000  4970   C
000030  00  7805010PW05002852.B.M  250  6400   120   5  2500  27000  5060   C
000031  00  7805010PW05002853.B.M  250  2200  2500   5  1200  27000  7160   C
000032  00  7805010PW05002854.B.M 2100  5400  2000   5  1200  32000  7440   C
000033  00  7805020PN05002851.B.M 2700   200  4650   5  2200  28000  8420   C
000034  00  7805020PN05002852.B.M 1900  2200  3150   5  4000  26000  7650   C
000035  00  7805020PN05002853.B.M 2300  2200  4000   5  2500  24000  7700   C
000036  00  7805020PN05002854.B.M 2500  2200  2750   5  1500  34000 10100   C
000037  00  7805020PE05002851.B.M 2500  2200  2750   5  4000  51000  9590   C
000038  00  7805020PE05002852.B.M 3900  2200  5900   5  1500  47000 10940   C
000039  00  7805020PE05002853.B.M 4100  2200  1750   5  5000  42000  3570   C
000040  00  7805020PE05002854.B.M 4100   200  2750   5  1000  47000  6410   C
000041  00  7805020PS05002851.B.M 3300   200  3150   5  2000  41000  6590   C
000042  00  7805020PS05002852.B.M 1800  2200   580   5  2000  39000  6550   C
000043  00  7805020PS05002853.B.M 2700   200  6250   5  1000  36000  7540   C
000044  00  7805020PS05002854.B.M 3300  2200  6100   5  1500  15000  6840   C
000045  00  7805020PW05002851.B.M 2700   200  2500   5   200  42000  5660   C
000046  00  7805020PW05002852.B.M 3300   200  3000   5  1500  42000  5040   C
000047  00  7805020PW05002853.B.M 4700   200  2500   5  1200  41000  5870   C
000048  00  7805020PW05002854.B.M 6100   200  3150   5  1500  41000  7800   C
000049  00  7805030PN05002851.B.M 1800   200  4000   5  3500  39000  7780   C
000050  00  7805030PN05002852.B.M 2700   200  2750   5  3500  39000  7780   C
000051  00  7805030PN05002853.B.M 2100   200  1850   5  1000  42000  6560   C
000052  00  7805030PN05002854.B.M 1600   200  1400   5   200  44000  6490   C
000053  00  7805030PE05002851.B.M 2700   200  3150   5  1500  46000  6180   C
000054  00  7805030PE05002852.B.M 3900   200  3700   5  2000  49000  2590   C
000055  00  7805030PE05002853.B.M  025   200  3150   5   500  49000  4620   C
000056  00  7805030PE05002854.B.M 2900  2200  2750   5   500  48000  7360   C
000057  00  7805030PS05002851.B.M 3100   200  2100   5  1500  24000  2340   C
000058  00  7805030PS05002852.B.M 4300   200  3000   5  2000  39000  3420   C
000059  00  7805030PS05002853.B.M 2900   200  1850   5  1000  40000  2450   C
000060  00  7805030PS05002854.B.M 3100  2200  2900   5  2000  34000  4490   C
000061  00  7805030PW05002851.B.M 3700   200  3000   5  2000  16000  3040   C
000062  00  7805030PW05002852.B.M 3300  2200  3000   5  2500  35000  4150   C
000063  00  7805030PW05002853.B.M 3300  2200  3000   5  1200  38000  3770   C
000064  00  7805030PW05002854.B.M 3300  2200  5800   5  2000  42000  2350   C
000065  00  7805040PN05002851.B.M 1900  4600  2500   5  2000  27000  4430   C
000066  00  7805040PN05002852.B.M 2100   200  1350   5  1500  29000  4880   C
000067  00  7805040PN05002853.B.M 3500   200  2500   5  4000  24000  4740   C
000068  00  7805040PN05002854.B.M 1900  2200  1400   5  2500  31000  5470   C
000069  00  7805040PE05002851.B.M 1600   200  5450   5  2500  29000  4500   C
000070  00  7805040PE05002852.B.M 1600  2200  1850   5  2000  31000  5150   C
000071  00  7805040PE05002853.B.M 1800  2200  6000   5  2500  25000  4910   C
000072  00  7805040PE05002854.B.M 2100  2200  5350   5  1000  31000  4410   C
000073  00  7805040PS05002851.B.M 1900   200  2500   5  3000  29000  5250   C
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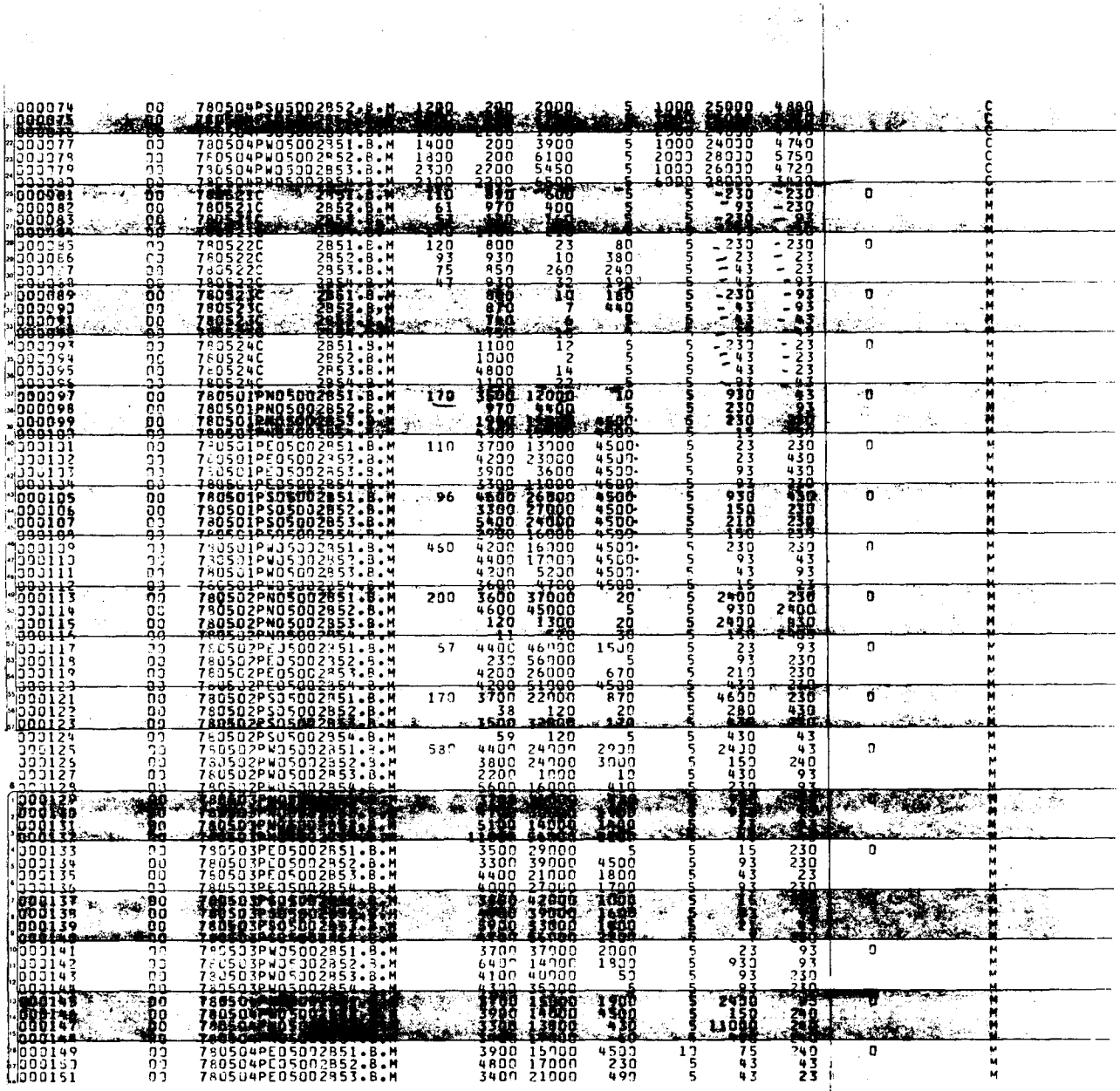

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000075	00	780504PS05002853.B.M	2300	2700	5450	5	1000	26000	4720			C
000076	00	780504PS05002854.B.M	2100	2300	6500	5	1000	28000	4420			C
000077	00	780504PW05002851.B.M	1400	200	3900	5	1000	24000	4740			C
000078	00	780504PW05002852.B.M	1800	200	6100	5	2000	28000	5750			C
000079	00	780504PW05002853.B.M	2300	2700	5450	5	1000	26000	4720			C
000080	00	780504PW05002854.B.M	2100	2300	6500	5	1000	28000	4420			C
000081	00	780521C 2851.B.M	110	110	800	5	5	-230	-230	0		M
000082	00	780521C 2852.B.M	61	970	400	5	5	-93	-230			M
000083	00	780521C 2853.B.M	67	970	400	5	5	-230	-93			M
000084	00	780521C 2854.B.M	67	970	400	5	5	-230	-93			M
000085	00	780522C 2851.B.M	120	800	23	80	5	-230	-230	0		M
000086	00	780522C 2852.B.M	93	930	10	380	5	-23	-23			M
000087	00	780522C 2853.B.M	75	850	260	240	5	-43	-23			M
000088	00	780522C 2854.B.M	47	930	52	190	5	-43	-93			M
000089	00	780523C 2851.B.M		800	10	180	5	-230	-93	0		M
000090	00	780523C 2852.B.M		970	7	440	5	-43	-93			M
000091	00	780523C 2853.B.M		780	6	5	5	-43	-43			M
000092	00	780523C 2854.B.M		930	10	5	5	-23	-43			M
000093	00	780524C 2851.B.M		1100	12	5	5	-230	-23	0		M
000094	00	780524C 2852.B.M		1000	2	5	5	-43	-23			M
000095	00	780524C 2853.B.M		4800	14	5	5	-43	-23			M
000096	00	780524C 2854.B.M		1100	22	5	5	-93	-43			M
000097	00	780501PN05002851.B.M	170	3600	12000	10	5	930	43	0		M
000098	00	780501PN05002852.B.M		970	4400	5	5	230	93			M
000099	00	780501PN05002853.B.M		1900	13000	4500	5	230	430			M
000100	00	780501PN05002854.B.M		4300	16000	4500	5	15	230			M
000101	00	780501PE05002851.B.M	110	3700	13000	4500	5	23	230	0		M
000102	00	780501PE05002852.B.M		4200	23000	4500	5	23	430			M
000103	00	780501PE05002853.B.M		5900	3600	4500	5	93	430			M
000104	00	780501PE05002854.B.M		3300	11000	4600	5	93	230			M
000105	00	780501PS05002851.B.M	96	4600	26000	4500	5	930	430	0		M
000106	00	780501PS05002852.B.M		3300	27000	4500	5	150	230			M
000107	00	780501PS05002853.B.M		5400	24000	4500	5	210	230			M
000108	00	780501PS05002854.B.M		3900	16000	4500	5	150	230			M
000109	00	780501PW05002851.B.M	460	4200	16000	4500	5	230	230	0		M
000110	00	780501PW05002852.B.M		4400	17000	4500	5	93	43			M
000111	00	780501PW05002853.B.M		4200	5200	4500	5	43	93			M
000112	00	780501PW05002854.B.M		3600	4700	4500	5	15	23			M
000113	00	780502PN05002851.B.M	200	3600	37000	20	5	2400	230	0		M
000114	00	780502PN05002852.B.M		4600	45000	5	5	930	2400			M
000115	00	780502PN05002853.B.M		120	1300	20	5	2400	430			M
000116	00	780502PN05002854.B.M		11	20	30	5	150	2400			M
000117	00	780502PE05002851.B.M	57	4400	46000	1500	5	23	93	0		M
000118	00	780502PE05002852.B.M		230	56000	5	5	93	230			M
000119	00	780502PE05002853.B.M		4200	26000	670	5	210	230			M
000120	00	780502PE05002854.B.M		4200	51000	4500	5	430	230			M
000121	00	780502PS05002851.B.M	170	3700	22000	870	5	4600	230	0		M
000122	00	780502PS05002852.B.M		38	120	20	5	280	430			M
000123	00	780502PS05002853.B.M		1500	32000	120	5	430	230			M
000124	00	780502PS05002854.B.M		59	120	5	5	430	43			M
000125	00	780502PW05002851.B.M	580	4400	24000	2900	5	2400	43	0		M
000126	00	780502PW05002852.B.M		3800	24000	3000	5	150	240			M
000127	00	780502PW05002853.B.M		2200	1000	10	5	430	93			M
000128	00	780502PW05002854.B.M		5600	16000	410	5	230	93			M
000129	00	780503PN05002851.B.M		3700	40000	500	5	15	43			M
000130	00	780503PN05002852.B.M		3900	39000	1400	5	93	43			M
000131	00	780503PN05002853.B.M		5100	14000	1400	5	23	43			M
000132	00	780503PN05002854.B.M		1100	64000	1400	5	23	43			M
000133	00	780503PE05002851.B.M		3500	29000	5	5	15	230	0		M
000134	00	780503PE05002852.B.M		3300	39000	4500	5	93	230			M
000135	00	780503PE05002853.B.M		4400	21000	1800	5	43	23			M
000136	00	780503PE05002854.B.M		4000	27000	1700	5	93	230			M
000137	00	780503PS05002851.B.M		3600	42000	1000	5	15	230			M
000138	00	780503PS05002852.B.M		3900	39000	1400	5	93	43			M
000139	00	780503PS05002853.B.M		5900	33000	1500	5	23	43			M
000140	00	780503PS05002854.B.M		4100	64000	1400	5	23	43			M
000141	00	780503PW05002851.B.M		3700	37000	2000	5	23	93	0		M
000142	00	780503PW05002852.B.M		6400	14000	1800	5	930	93			M
000143	00	780503PW05002853.B.M		4100	40000	50	5	93	230			M
000144	00	780503PW05002854.B.M		4300	36000	6	5	93	230			M
000145	00	780504PN05002851.B.M		1900	11000	1900	5	2400	93	0		M
000146	00	780504PN05002852.B.M		3900	18000	4500	5	150	230			M
000147	00	780504PN05002853.B.M		3300	13000	450	5	11000	230			M
000148	00	780504PN05002854.B.M		1100	15000	450	5	430	230			M
000149	00	780504PE05002851.B.M		3900	15000	4500	10	75	240	0		M
000150	00	780504PE05002852.B.M		4800	17000	230	5	43	43			M
000151	00	780504PE05002853.B.M		3400	21000	490	5	43	23			M

000152	00	780504PE05002854.B.M	4100	14000	4500	5	43	43		M
000153	00	780504PS05002851.B.M	3900	11000	80	5	43	93	D	M
000154	00	780504PS05002852.B.M	4200	11000	2700	5	23	93		M
000155	00	780504PS05002853.B.M	3600	14000	190	5	43	93		M
000156	00	780504PS05002854.B.M	3700	69000	500	5	43	240		M
000157	00	780504PW05002851.B.M	3800	13000	30	5	23	93	D	M
000158	00	780504PW05002852.B.M	3800	14000	4500	5	23	93		M
000159	00	780504PW05002853.B.M	3200	16000	4500	5	43	43		M
000160	00	780504PW05002854.B.M	3200	13000	20	5	23	23		M

END ELT.

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@HDG,P  ******  CHITIN  ******

@ELT,L  REHL3C31.CHITIN
EL7007 SL73R1 05/29/79 11 53 10 (0,)
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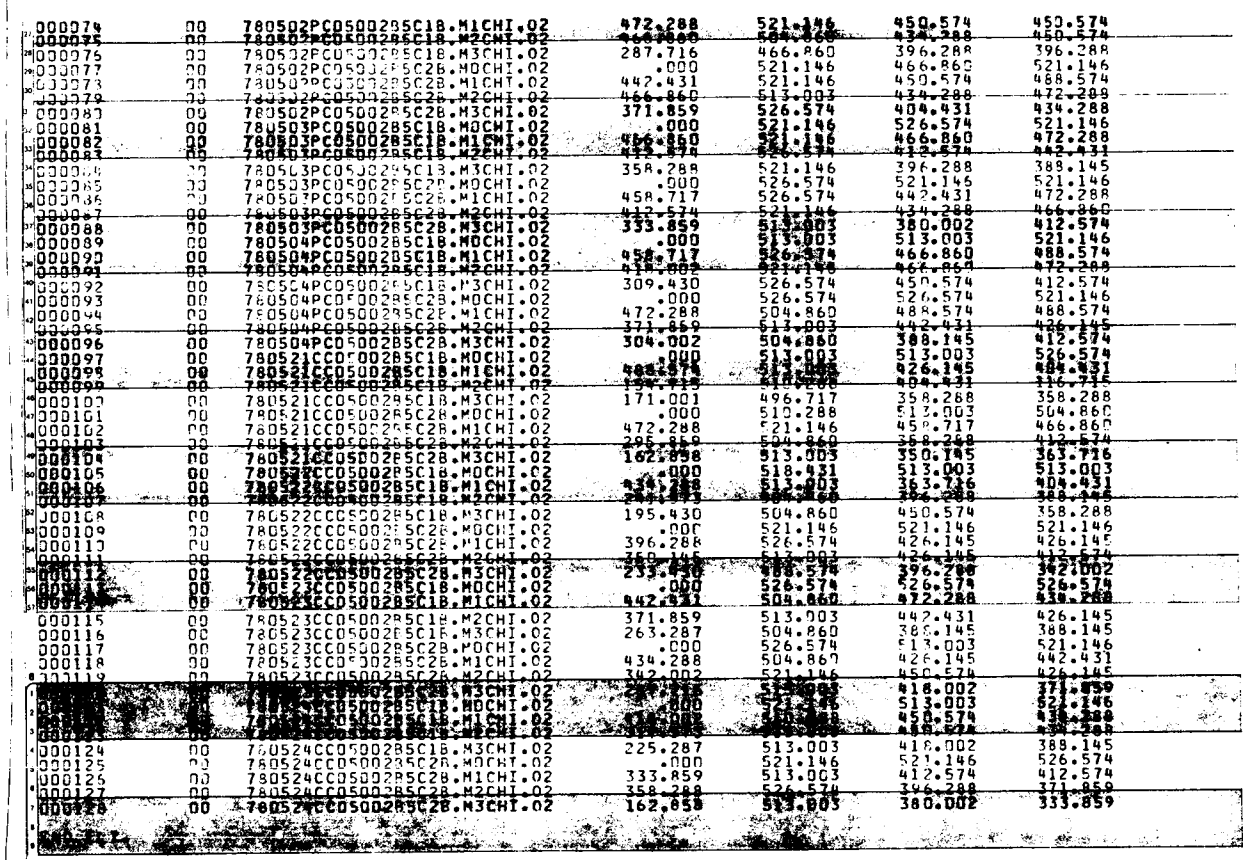
000001	00	780501PC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000002	00	780501PC0500285C1B.M1CHI.C02	399.345	14.929	365.746	332.166
000003	00	780501PC0500285C1B.M2CHI.C02	533.795	14.661	359.897	406.810
000004	00	780501PC0500285C1B.M3CHI.C02	589.688	26.125	295.271	339.630
000005	00	780501PC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000006	00	780501PC0500285C2B.M1CHI.C02	339.630	14.929	373.220	335.898
000007	00	780501PC0500285C2B.M2CHI.C02	399.345	14.929	380.684	466.525
000008	00	780501PC0500285C2B.M3CHI.C02	679.260	18.661	335.898	335.898
000009	00	780502PC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000010	00	780502PC0500285C1B.M1CHI.C02	111.966	14.929	175.413	119.430
000011	00	780502PC0500285C1B.M2CHI.C02	126.895	19.661	134.389	138.861
000012	00	780502PC0500285C1B.M3CHI.C02	507.579	26.125	220.200	205.271
000013	00	780502PC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000014	00	780502PC0500285C2B.M1CHI.C02	126.895	14.929	93.305	70.912
000015	00	780502PC0500285C2B.M2CHI.C02	119.430	14.929	186.610	78.376
000016	00	780502PC0500285C2B.M3CHI.C02	339.630	26.125	205.271	153.020
000017	00	780503PC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000018	00	780503PC0500285C1B.M1CHI.C02	153.020	7.464	93.305	111.966
000019	00	780503PC0500285C1B.M2CHI.C02	220.200	7.464	164.842	146.566
000020	00	780503PC0500285C1B.M3CHI.C02	339.630	14.929	153.020	220.200
000021	00	780503PC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000022	00	780503PC0500285C2B.M1CHI.C02	167.949	7.464	145.556	126.895
000023	00	780503PC0500285C2B.M2CHI.C02	212.736	7.464	212.736	119.430
000024	00	780503PC0500285C2B.M3CHI.C02	335.898	14.929	186.610	167.949
000025	00	780504PC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000026	00	780504PC0500285C1B.M1CHI.C02	153.020	14.929	160.485	134.258
000027	00	780504PC0500285C1B.M2CHI.C02	212.736	14.929	160.485	146.566
000028	00	780504PC0500285C1B.M3CHI.C02	488.918	19.661	160.485	246.325
000029	00	780504PC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000030	00	780504PC0500285C2B.M1CHI.C02	111.966	7.464	85.841	78.376
000031	00	780504PC0500285C2B.M2CHI.C02	186.610	7.464	149.288	111.966
000032	00	780504PC0500285C2B.M3CHI.C02	335.898	14.929	261.258	145.556
000033	00	780521CC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000034	00	780521CC0500285C1B.M1CHI.C02	67.180	14.929	212.736	212.736
000035	00	780521CC0500285C1B.M2CHI.C02	627.010	19.661	160.485	615.813
000036	00	780521CC0500285C1B.M3CHI.C02	585.955	13.661	220.200	294.844
000037	00	780521CC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000038	00	780521CC0500285C2B.M1CHI.C02	95.841	7.464	272.451	145.556
000039	00	780521CC0500285C2B.M2CHI.C02	380.684	14.929	235.128	212.736
000040	00	780521CC0500285C2B.M3CHI.C02	574.749	14.929	242.593	286.374
000041	00	780522CC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000042	00	780522CC0500285C1B.M1CHI.C02	261.254	7.464	354.801	212.451
000043	00	780522CC0500285C1B.M2CHI.C02	432.935	18.661	338.243	315.630
000044	00	780522CC0500285C1B.M3CHI.C02	593.420	18.661	33.590	227.664
000045	00	780522CC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000046	00	780522CC0500285C2B.M1CHI.C02	279.915	18.661	246.325	279.915
000047	00	780522CC0500285C2B.M2CHI.C02	429.203	18.661	218.861	257.790
000048	00	780522CC0500285C2B.M3CHI.C02	522.508	26.125	179.533	335.898
000049	00	780523CC0500285C1B.M1CHI.C02	205.271	7.464	160.485	220.200
000050	00	780523CC0500285C1B.M2CHI.C02	395.613	7.464	186.610	216.481
000051	00	780523CC0500285C1B.M3CHI.C02	580.145	14.929	216.481	216.481
000052	00	780523CC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000053	00	780523CC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000054	00	780523CC0500285C2B.M1CHI.C02	201.539	7.464	261.254	153.020
000055	00	780523CC0500285C2B.M2CHI.C02	425.471	7.464	216.481	216.610
000056	00	780523CC0500285C2B.M3CHI.C02	507.579	7.464	257.851	279.915
000057	00	780524CC0500285C1B.M0CHI.C02	3.732	3.732	3.732	3.732
000058	00	780524CC0500285C1B.M1CHI.C02	201.539	14.929	183.944	216.481
000059	00	780524CC0500285C1B.M2CHI.C02	421.739	14.929	179.533	216.481
000060	00	780524CC0500285C1B.M3CHI.C02	567.294	14.929	126.895	268.718
000061	00	780524CC0500285C2B.M0CHI.C02	3.732	3.732	3.732	3.732
000062	00	780524CC0500285C2B.M1CHI.C02	399.345	14.929	287.379	238.861
000063	00	780524CC0500285C2B.M2CHI.C02	373.220	18.661	313.506	313.605
000064	00	780524CC0500285C2B.M3CHI.C02	653.135	14.929	253.790	339.630
000065	00	780501PC0500285C1B.M0CHI.02	.000	524.574	526.574	521.146
000066	00	780501PC0500285C1B.M1CHI.02	333.859	504.860	350.165	358.288
000067	00	780501PC0500285C1B.M2CHI.02	241.577	521.146	371.859	304.882
000068	00	780501PC0500285C1B.M3CHI.02	217.144	513.003	380.002	333.959
000069	00	780501PC0500285C2B.M0CHI.02	.000	526.574	534.717	521.146
000070	00	780501PC0500285C2B.M1CHI.02	342.002	513.003	342.002	350.145
000071	00	780501PC0500285C2B.M2CHI.02	135.430	513.003	333.859	279.673
000072	00	780501PC0500285C2B.M3CHI.02	100.429	513.003	342.002	333.859
000073	00	780502PC0500285C1B.M0CHI.02	.000	526.574	513.003	521.146



000074	00	780502PCC0500285C1B.M1CHI.02	472.288	521.146	450.574	450.574
000075	00	780502PCC0500285C1B.M2CHI.02	466.860	504.860	434.288	450.574
000076	00	780502PCC0500285C1B.M3CHI.02	287.716	466.860	396.288	396.288
000077	00	780502PCC0500285C2B.M0CHI.02	.000	521.146	466.860	521.146
000078	00	780502PCC0500285C2B.M1CHI.02	442.431	521.146	450.574	488.574
000079	00	780502PCC0500285C2B.M2CHI.02	466.860	513.003	434.288	472.288
000080	00	780502PCC0500285C2B.M3CHI.02	371.859	526.574	404.431	434.288
000081	00	780503PCC0500285C1B.M0CHI.02	.000	521.146	526.574	521.146
000082	00	780503PCC0500285C1B.M1CHI.02	466.860	521.146	466.860	472.288
000083	00	780503PCC0500285C1B.M2CHI.02	412.574	526.574	413.574	442.431
000084	00	780503PCC0500285C1B.M3CHI.02	358.288	521.146	396.288	388.145
000085	00	780503PCC0500285C2B.M0CHI.02	.000	526.574	521.146	521.146
000086	00	780503PCC0500285C2B.M1CHI.02	458.717	526.574	442.431	472.288
000087	00	780503PCC0500285C2B.M2CHI.02	412.574	521.146	434.288	466.860
000088	00	780503PCC0500285C2B.M3CHI.02	333.859	513.003	380.002	412.574
000089	00	780504PCC0500285C1B.M0CHI.02	.000	513.003	513.003	521.146
000090	00	780504PCC0500285C1B.M1CHI.02	458.717	526.574	466.860	488.574
000091	00	780504PCC0500285C1B.M2CHI.02	416.002	521.146	466.860	472.288
000092	00	780504PCC0500285C1B.M3CHI.02	309.430	526.574	450.574	412.574
000093	00	780504PCC0500285C2B.M0CHI.02	.000	526.574	526.574	521.146
000094	00	780504PCC0500285C2B.M1CHI.02	472.288	504.860	488.574	488.574
000095	00	780504PCC0500285C2B.M2CHI.02	371.859	513.003	442.431	426.145
000096	00	780504PCC0500285C2B.M3CHI.02	304.002	504.860	388.145	412.574
000097	00	780521CCC0500285C1B.M0CHI.02	.000	513.003	513.003	526.574
000098	00	780521CCC0500285C1B.M1CHI.02	488.574	513.003	426.145	484.431
000099	00	780521CCC0500285C1B.M2CHI.02	434.288	513.003	404.431	416.715
000100	00	780521CCC0500285C1B.M3CHI.02	171.001	496.717	358.288	358.288
000101	00	780521CCC0500285C2B.M0CHI.02	.000	510.288	513.003	504.860
000102	00	780521CCC0500285C2B.M1CHI.02	472.288	521.146	458.717	466.860
000103	00	780521CCC0500285C2B.M2CHI.02	295.859	504.860	358.288	412.574
000104	00	780521CCC0500285C2B.M3CHI.02	162.858	513.003	350.145	363.716
000105	00	780522CCC0500285C1B.M0CHI.02	.000	518.431	513.003	513.003
000106	00	780522CCC0500285C1B.M1CHI.02	434.288	513.003	363.716	404.431
000107	00	780522CCC0500285C1B.M2CHI.02	288.431	504.860	396.288	388.145
000108	00	780522CCC0500285C1B.M3CHI.02	195.430	504.860	450.574	358.288
000109	00	780522CCC0500285C2B.M0CHI.02	.000	521.146	521.146	521.146
000110	00	780522CCC0500285C2B.M1CHI.02	396.288	526.574	426.145	426.145
000111	00	780522CCC0500285C2B.M2CHI.02	260.145	513.003	426.145	412.574
000112	00	780522CCC0500285C2B.M3CHI.02	233.430	488.574	396.288	342.002
000113	00	780523CCC0500285C1B.M0CHI.02	.000	526.574	526.574	526.574
000114	00	780523CCC0500285C1B.M1CHI.02	442.431	504.860	472.288	434.288
000115	00	780523CCC0500285C1B.M2CHI.02	371.859	513.003	442.431	426.145
000116	00	780523CCC0500285C1B.M3CHI.02	263.287	504.860	388.145	388.145
000117	00	780523CCC0500285C2B.M0CHI.02	.000	526.574	513.003	521.146
000118	00	780523CCC0500285C2B.M1CHI.02	434.288	504.860	426.145	442.431
000119	00	780523CCC0500285C2B.M2CHI.02	342.002	521.146	450.574	426.145
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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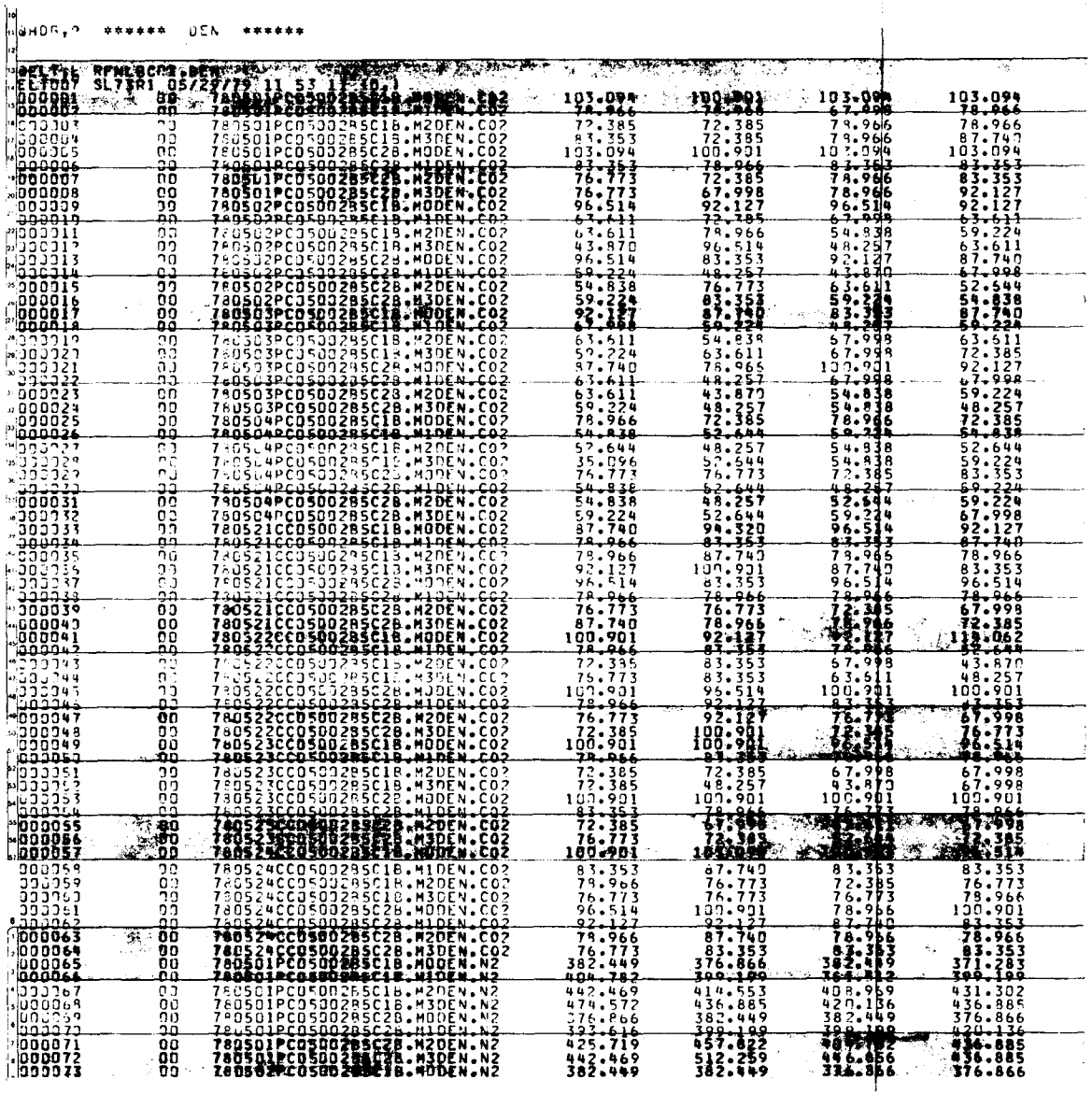
000125	00	780524CCC0500285C2B.M0CHI.02	.000	521.146	521.146	526.574
000126	00	780524CCC0500285C2B.M1CHI.02	333.859	513.003	412.574	412.574
000127	00	780524CCC0500285C2B.M2CHI.02	358.288	526.574	396.288	371.859
000128	00	780524CCC0500285C2B.M3CHI.02	162.858	513.003	380.002	333.859



WHOR,? ****** DEN ******

ELT*TL RFMLBCM1.DEN						
ELTOO7 SL7SR1 05/27/79 11 53 1[illegible]						
000001	00	[illegible]	103.094	100.901	103.094	103.094
000002	00	[illegible]	78.966	72.644	67.998	78.966
000003	00	780501PCO5002B5C1B.M2DEN.CO2	72.385	72.385	78.966	78.966
000004	00	780501PCO5002B5C1B.M3DEN.CO2	83.353	72.385	78.966	87.740
000005	00	780501PCO5002B5C2B.MODEN.CO2	103.094	100.901	103.094	103.094
000006	00	780501PCO5002B5C2B.M1DEN.CO2	83.353	78.966	83.353	83.353
000007	00	780501PCO5002B5C2B.M2DEN.CO2	76.773	72.385	78.966	83.353
000008	00	780501PCO5002B5C2B.M3DEN.CO2	76.773	67.998	78.966	92.127
000009	00	780502PCO5002B5C1B.MODEN.CO2	96.514	92.127	96.514	92.127
000010	00	780502PCO5002B5C1B.M1DEN.CO2	63.611	72.385	67.998	63.611
000011	00	780502PCO5002B5C1B.M2DEN.CO2	63.611	78.966	54.838	59.224
000012	00	780502PCO5002B5C1B.M3DEN.CO2	43.870	96.514	48.257	63.611
000013	00	780502PCO5002B5C2B.MODEN.CO2	96.514	83.353	92.127	87.740
000014	00	780502PCO5002B5C2B.M1DEN.CO2	59.224	48.257	43.870	67.998
000015	00	780502PCO5002B5C2B.M2DEN.CO2	54.838	76.773	63.611	52.644
000016	00	780502PCO5002B5C2B.M3DEN.CO2	59.224	83.353	59.224	54.838
000017	00	780503PCO5002B5C1B.MODEN.CO2	92.127	87.740	83.353	87.740
000018	00	780503PCO5002B5C1B.M1DEN.CO2	67.998	59.224	48.257	59.224
000019	00	780503PCO5002B5C1B.M2DEN.CO2	63.611	54.838	67.998	63.611
000020	00	780503PCO5002B5C1B.M3DEN.CO2	59.224	63.611	67.998	72.385
000021	00	780503PCO5002B5C2B.MODEN.CO2	87.740	78.966	100.901	92.127
000022	00	780503PCO5002B5C2B.M1DEN.CO2	63.611	48.257	67.998	67.998
000023	00	780503PCO5002B5C2B.M2DEN.CO2	63.611	43.870	54.838	59.224
000024	00	780503PCO5002B5C2B.M3DEN.CO2	59.224	48.257	54.838	48.257
000025	00	780504PCO5002B5C1B.MODEN.CO2	78.966	72.385	78.966	72.385
000026	00	780504PCO5002B5C1B.M1DEN.CO2	54.838	52.644	59.224	54.838
000027	00	780504PCO5002B5C1B.M2DEN.CO2	52.644	48.257	54.838	52.644
000028	00	780504PCO5002B5C1B.M3DEN.CO2	35.096	52.644	54.838	59.224
000029	00	780504PCO5002B5C2B.MODEN.CO2	76.773	76.773	72.385	83.353
000030	00	780504PCO5002B5C2B.M1DEN.CO2	54.838	52.644	48.257	59.224
000031	00	780504PCO5002B5C2B.M2DEN.CO2	54.838	48.257	52.644	59.224
000032	00	780504PCO5002B5C2B.M3DEN.CO2	59.224	52.644	59.224	67.998
000033	00	780521CCO5002B5C1B.MODEN.CO2	87.740	94.320	96.514	92.127
000034	00	780521CCO5002B5C1B.M1DEN.CO2	78.966	83.353	83.353	87.740
000035	00	780521CCO5002B5C1B.M2DEN.CO2	78.966	87.740	78.966	78.966
000036	00	780521CCO5002B5C1B.M3DEN.CO2	92.127	100.901	87.740	83.353
000037	00	780521CCO5002B5C2B.MODEN.CO2	96.514	83.353	96.514	96.514
000038	00	780521CCO5002B5C2B.M1DEN.CO2	78.966	78.966	78.966	78.966
000039	00	780521CCO5002B5C2B.M2DEN.CO2	76.773	76.773	72.385	67.998
000040	00	780521CCO5002B5C2B.M3DEN.CO2	87.740	78.966	78.966	72.385
000041	00	780522CCO5002B5C1B.MODEN.CO2	100.901	92.127	96.514	118.062
000042	00	780522CCO5002B5C1B.M1DEN.CO2	78.966	83.353	78.966	83.680
000043	00	780522CCO5002B5C1B.M2DEN.CO2	72.385	83.353	67.998	43.870
000044	00	780522CCO5002B5C1B.M3DEN.CO2	76.773	83.353	63.611	48.257
000045	00	780522CCO5002B5C2B.MODEN.CO2	100.901	96.514	100.901	100.901
000046	00	780522CCO5002B5C2B.M1DEN.CO2	78.966	92.127	83.353	87.740
000047	00	780522CCO5002B5C2B.M2DEN.CO2	76.773	92.127	76.773	67.998
000048	00	780522CCO5002B5C2B.M3DEN.CO2	72.385	100.901	72.385	76.773
000049	00	780523CCO5002B5C1B.MODEN.CO2	100.901	100.901	96.514	96.514
000050	00	780523CCO5002B5C1B.M1DEN.CO2	78.966	83.353	78.966	78.966
000051	00	780523CCO5002B5C1B.M2DEN.CO2	72.385	72.385	67.998	67.998
000052	00	780523CCO5002B5C1B.M3DEN.CO2	72.385	48.257	43.870	67.998
000053	00	780523CCO5002B5C2B.MODEN.CO2	100.901	100.901	100.901	100.901
000054	00	780523CCO5002B5C2B.M1DEN.CO2	83.353	78.966	76.773	78.966
000055	00	780523CCO5002B5C2B.M2DEN.CO2	72.385	67.998	72.385	67.998
000056	00	780523CCO5002B5C2B.M3DEN.CO2	76.773	72.385	72.385	72.385
000057	00	780523CCO5002B5C2B.MODEN.CO2	100.901	100.901	96.514	96.514
000058	00	780524CCO5002B5C1B.M1DEN.CO2	83.353	87.740	83.353	83.353
000059	00	780524CCO5002B5C1B.M2DEN.CO2	78.966	76.773	72.385	76.773
000060	00	780524CCO5002B5C1B.M3DEN.CO2	76.773	76.773	76.773	78.966
000061	00	780524CCO5002B5C2B.MODEN.CO2	96.514	100.901	78.966	100.901
000062	00	780524CCO5002B5C2B.M1DEN.CO2	92.127	92.127	87.740	83.353
000063	00	780524CCO5002B5C2B.M2DEN.CO2	78.966	87.740	78.966	78.966
000064	00	780524CCO5002B5C2B.M3DEN.CO2	76.773	83.353	83.353	83.353
000065	00	780501PCO5002B5C1B.MODEN.N2	382.449	376.866	382.449	371.283
000066	00	780501PCO5002B5C1B.M1DEN.N2	404.782	399.199	364.812	399.199
000067	00	780501PCO5002B5C1B.M2DEN.N2	442.469	414.553	408.969	431.302
000068	00	780501PCO5002B5C1B.M3DEN.N2	474.572	436.885	420.136	436.885
000069	00	780501PCO5002B5C2B.MODEN.N2	376.866	382.449	382.449	376.866
000070	00	780501PCO5002B5C2B.M1DEN.N2	393.616	399.199	399.199	420.136
000071	00	780501PCO5002B5C2B.M2DEN.N2	425.719	457.822	408.969	436.885
000072	00	780501PCO5002B5C2B.M3DEN.N2	442.469	512.259	446.666	436.885
000073	00	780502PCO5002B5C1B.MODEN.N2	382.449	382.449	376.866	376.866

000074	00	780502PCO5002B5C1B.M1DEN.N2	392.220	420.136	388.032	404.782
000075	00	780502PCO5002B5C1B.M2DEN.N2	393.616	436.885	446.656	431.302
000076	00	780502PCO5002B5C1B.M3DEN.N2	425.719	457.822	506.675	474.572
000077	00	780502PCO5002B5C2B.M0DEN.N2	382.449	404.782	376.866	382.449
000078	00	780502PCO5002B5C2B.M1DEN.N2	392.220	414.553	431.302	414.553
000079	00	780502PCO5002B5C2B.M2DEN.N2	399.199	420.136	452.239	404.782
000080	00	780502PCO5002B5C2B.M3DEN.N2	457.822	468.989	474.572	463.406
000081	00	780503PCO5002B5C1B.M0DEN.N2	376.866	399.199	376.866	388.032
000082	00	780503PCO5002B5C1B.M1DEN.N2	398.818	426.719	393.616	398.199
000083	00	780503PCO5002B5C1B.M2DEN.N2	414.553	399.199	409.969	399.199
000084	00	780503PCO5002B5C1B.M3DEN.N2	446.656	436.885	431.302	446.656
000085	00	780503PCO5002B5C2B.M0DEN.N2	393.616	420.136	442.469	376.866
000086	00	780503PCO5002B5C2B.M1DEN.N2	436.885	463.406	485.165	399.199
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000090	00	780504PCO5002B5C1B.M1DEN.N2	431.302	474.572	457.822	506.675
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000092	00	780504PCO5002B5C1B.M3DEN.N2	480.155	533.196	527.612	533.196
000093	00	780504PCO5002B5C2B.M0DEN.N2	431.302	463.406	468.989	410.365
000094	00	780504PCO5002B5C2B.M1DEN.N2	442.469	467.406	489.926	414.553
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000121	00	780524CCO5002B5C1B.M0DEN.N2	388.032	376.866	376.866	371.283
000122	00	780524CCO5002B5C1B.M1DEN.N2	393.616	408.969	404.782	404.782
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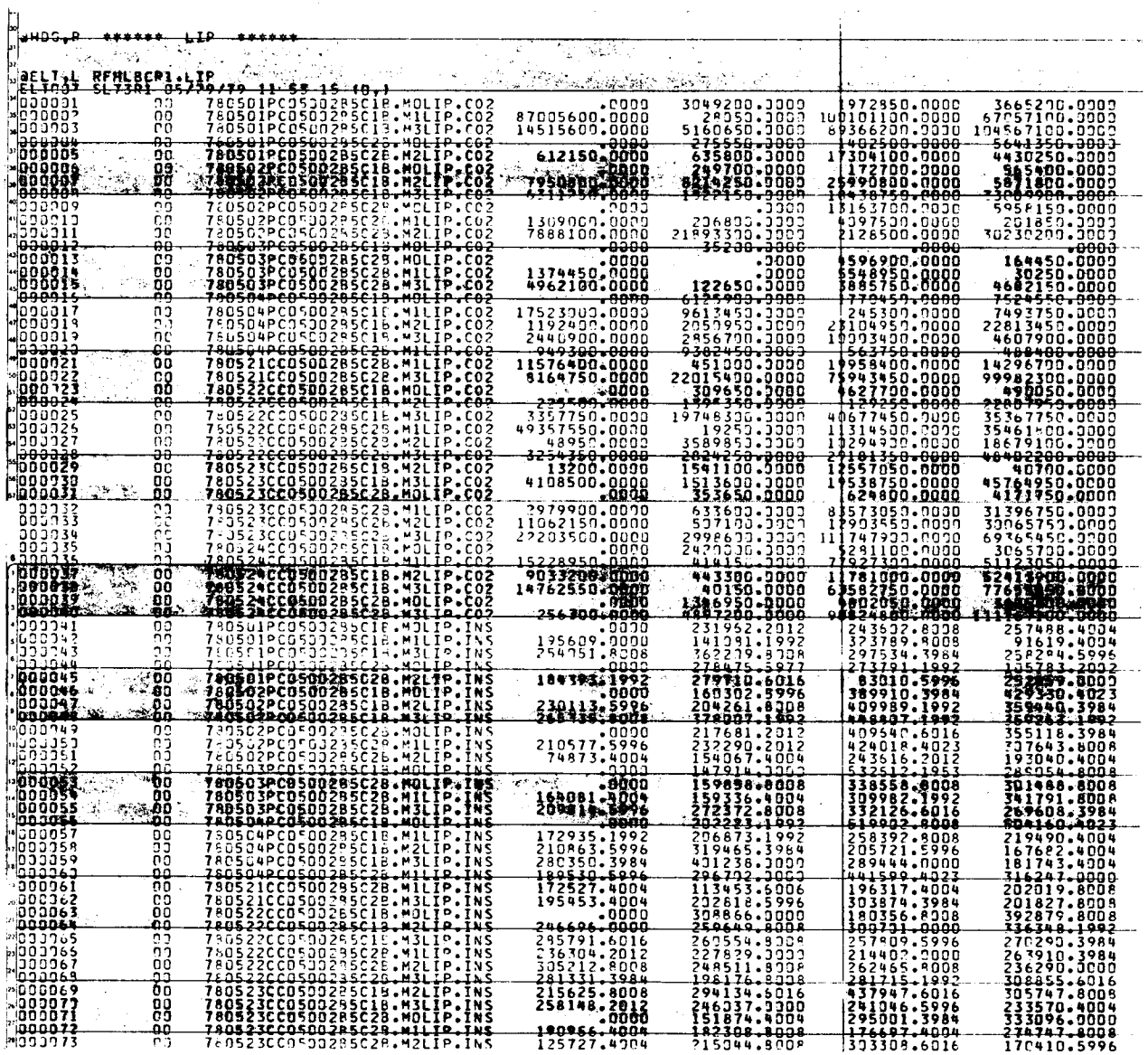

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000006	00	780502PC0500285C1B.MOLIP.CO2	.0000	249700.0000	172700.0000	965400.0000	
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000008	00	780502PC0500285C1B.M3LIP.CO2	4211550.0000	1922150.0000	10438750.0000	2300900.0000	
000009	00	780502PC0500285C2B.MOLIP.CO2	.0000	.0000	13163700.0000	5958150.0000	
000010	00	780502PC0500285C2B.M1LIP.CO2	1309000.0000	206800.0000	4097500.0000	201850.0000	
000011	00	780502PC0500285C2B.M2LIP.CO2	7888100.0000	21893300.0000	2126500.0000	30230200.0000	
000012	00	780502PC0500285C2B.M3LIP.CO2	.0000	35238.0000	.0000	.0000	
000013	00	780503PC0500285C1B.MOLIP.CO2	.0000	.0000	9596900.0000	164450.0000	
000014	00	780503PC0500285C2B.M1LIP.CO2	1374450.0000	.0000	6548950.0000	30250.0000	
000015	00	780503PC0500285C2B.M3LIP.CO2	4962100.0000	122650.0000	3885750.0000	4602150.0000	
000016	00	780504PC0500285C1B.MOLIP.CO2	.0000	6125900.0000	1770450.0000	7524550.0000	
000017	00	780504PC0500285C1B.M1LIP.CO2	17523000.0000	9613450.0000	245300.0000	7493750.0000	
000018	00	780504PC0500285C1B.M2LIP.CO2	1192400.0000	20550950.0000	23104950.0000	22813450.0000	
000019	00	780504PC0500285C1B.M3LIP.CO2	2440900.0000	2956700.0000	10003400.0000	4607900.0000	
000020	00	780504PC0500285C2B.M1LIP.CO2	949300.0000	9382450.0000	563750.0000	488400.0000	
000021	00	780521CC0500285C2B.M1LIP.CO2	11576400.0000	451000.0000	19958400.0000	14296700.0000	
000022	00	780521CC0500285C2B.M3LIP.CO2	8164750.0000	22015400.0000	75943450.0000	99982300.0000	
000023	00	780522CC0500285C1B.MOLIP.CO2	.0000	309650.0000	4627700.0000	4970050.0000	
000024	00	780522CC0500285C1B.M2LIP.CO2	234500.0000	1794350.0000	130250.0000	2280750.0000	
000025	00	780522CC0500285C1B.M3LIP.CO2	3357750.0000	19748300.0000	40677450.0000	35367750.0000	
000026	00	780522CC0500285C2B.M1LIP.CO2	49357550.0000	19250.0000	11314600.0000	35461400.0000	
000027	00	780522CC0500285C2B.M2LIP.CO2	48950.0000	3589850.0000	13294900.0000	18679100.0000	
000028	00	780522CC0500285C2B.M3LIP.CO2	3254350.0000	2824250.0000	2710350.0000	4842200.0000	
000029	00	780523CC0500285C1B.M2LIP.CO2	13200.0000	1541100.0000	12557050.0000	40700.0000	
000030	00	780523CC0500285C1B.M3LIP.CO2	4108500.0000	1513600.0000	19538750.0000	45764950.0000	
000031	00	780523CC0500285C2B.MOLIP.CO2	.0000	353650.0000	624800.0000	4171750.0000	
000032	00	780523CC0500285C2B.M1LIP.CO2	2979900.0000	6336000.0000	83573050.0000	31396750.0000	
000033	00	780523CC0500285C2B.M2LIP.CO2	11062150.0000	507100.0000	17903550.0000	30065750.0000	
000034	00	780523CC0500285C2B.M3LIP.CO2	22203500.0000	2998600.0000	111747900.0000	69365450.0000	
000035	00	780524CC0500285C1B.MOLIP.CO2	.0000	2420000.0000	5281100.0000	3065700.0000	
000036	00	780524CC0500285C1B.M1LIP.CO2	15228950.0000	414150.0000	77927300.0000	51123050.0000	
000037	00	780524CC0500285C1B.M2LIP.CO2	90332000.0000	443300.0000	11781000.0000	52413000.0000	
000038	00	780524CC0500285C1B.M3LIP.CO2	14762550.0000	40150.0000	63582750.0000	77691450.0000	
000039	00	780524CC0500285C2B.MOLIP.CO2	.0000	1386950.0000	9002050.0000	3005850.0000	
000040	00	780524CC0500285C2B.M3LIP.CO2	256300.0000	4487200.0000	9824800.0000	11174500.0000	
000041	00	780501PC0500285C1E.MOLIP.INS	.0000	231952.2012	243632.8008	257488.4004	
000042	00	780501PC0500285C1E.M1LIP.INS	135609.0000	141981.1992	323789.8008	91619.4004	
000043	00	780501PC0500285C1E.M3LIP.INS	254951.8008	362219.8008	2975334.3984	2582?4.5996	
000044	00	780501PC0500285C2E.MOLIP.INS	.0000	278475.5977	273791.1992	135783.2002	
000045	00	780501PC0500285C2E.M2LIP.INS	184393.1992	279310.6016	83010.5996	252889.8008	
000046	00	780502PC0500285C1B.MOLIP.INS	.0000	160302.5996	389910.3984	429430.4023	
000047	00	780502PC0500285C1B.M2LIP.INS	230113.5996	204261.8008	409989.1992	359440.3984	
000048	00	780502PC0500285C1B.M3LIP.INS	268336.8008	378007.1992	488807.1992	360282.1992	
000049	00	780502PC0500285C2B.MOLIP.INS	.0000	217681.2012	409540.6016	355118.3984	
000050	00	780502PC0500285C2B.M1LIP.INS	210577.5996	232290.2012	424018.4023	337643.8008	
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000052	00	780502PC0500285C2B.M3LIP.INS	.0000	147914.3008	532512.1953	285054.8008	
000053	00	780503PC0500285C2B.MOLIP.INS	.0000	159898.8008	338558.8008	301488.8008	
000054	00	780503PC0500285C2B.M1LIP.INS	164081.4004	159336.4004	309982.1992	341791.8008	
000055	00	780503PC0500285C2B.M3LIP.INS	204819.5996	272372.8008	332126.6016	269608.3984	
000056	00	780504PC0500285C1B.MOLIP.INS	.0000	202223.1992	619902.8008	604160.4023	
000057	00	780504PC0500285C1B.M1LIP.INS	172935.1992	206873.1992	258392.8008	219490.4004	
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000059	00	780504PC0500285C1B.M3LIP.INS	280350.3984	401238.3008	289444.0000	181743.4004	
000060	00	780504PC0500285C2B.M1LIP.INS	189530.5996	296702.3008	441599.4023	316247.0000	
000061	00	780521CC0500285C2B.M1LIP.INS	172527.4004	113453.6006	196317.4004	202019.8008	
000062	00	780521CC0500285C2B.M3LIP.INS	195453.4004	202618.5996	303874.3984	201827.8008	
000063	00	780522CC0500285C1B.MOLIP.INS	.0000	308866.0000	180356.8008	392879.8008	
000064	00	780522CC0500285C1B.M2LIP.INS	246696.0000	259649.8008	300731.0000	336348.1992	
000065	00	780522CC0500285C1B.M3LIP.INS	295791.6016	260554.8008	257809.5996	270290.3984	
000066	00	780522CC0500285C2B.M1LIP.INS	236304.2012	227829.3008	214402.0000	263910.3984	
000067	00	780522CC0500285C2B.M2LIP.INS	305212.8008	248511.8008	262465.8008	236290.0000	
000068	00	780522CC0500285C2B.M3LIP.INS	281331.3984	198176.8008	281715.1992	308855.6016	
000069	00	780523CC0500285C1B.M2LIP.INS	215625.8008	294134.6016	437947.6016	305747.8008	
000070	00	780523CC0500285C1B.M3LIP.INS	258148.2012	246337.3008	241046.5996	233570.4004	
000071	00	780523CC0500285C2B.MOLIP.INS	.0000	151874.4004	295001.3984	333096.0000	
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000073	00	780523CC0500285C2B.M2LIP.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.M0LIP.INS	.0000	83233.7998	261175.5996	226054.5996
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	162429.8008	290122.3984	215429.8008
000079	00	780524CC0500285C2B.M0LIP.INS	.0000	214840.4004	244729.5977	274334.8008
000080	00	780524CC0500285C2B.M1LIP.INS	188346.5996	211350.8008	280242.4008	250052.0000
000081	00	780501PC0500285C1B.M0LIP.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	1180.0000	1747.0000
000084	00	780501PC0500285C2B.M0LIP.SOL	.0000	90.4000	45.0000	56.0000
000085	00	780501PC0500285C2B.M2LIP.SOL	144.0000	42.8000	1179.4000	1976.6000
000086	00	780502PC0500285C1B.M0LIP.SOL	.0000	43.4000	39.2000	80.6000
000087	00	780502PC0500285C1B.M2LIP.SOL	456.4000	57.2000	1160.6000	2224.0000
000088	00	780502PC0500285C1B.M3LIP.SOL	397.6000	84.0000	682.2000	1041.2000
000089	00	780502PC0500285C2B.M0LIP.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.M0LIP.SOL	.0000	51.2000	136.6000	39.4000
000093	00	780503PC0500285C2B.M0LIP.SOL	.0000	193.8000	89.2000	87.8000
000094	00	780503PC0500285C2B.M1LIP.SOL	767.4000	94.8000	1367.2000	1135.6000
000095	00	780503PC0500285C2B.M3LIP.SOL	233.2000	56.4000	611.2000	1044.8000
000096	00	780504PC0500285C1B.M0LIP.SOL	.0000	100.8000	109.4000	146.2000
000097	00	780504PC0500285C1B.M1LIP.SOL	240.8000	91.6000	793.0000	1627.6000
000098	00	780504PC0500285C1B.M2LIP.SOL	334.8000	81.2000	676.4000	1504.8000
000099	00	780504PC0500285C1B.M3LIP.SOL	689.8000	68.8000	806.2000	2518.6000
000100	00	780504PC0500285C2B.M1LIP.SOL	447.4000	106.8000	1729.6000	1989.6000
000101	00	780521CC0500285C2B.M1LIP.SOL	384.2000	80.8000	1281.8000	399.2000
000102	00	780521CC0500285C2B.M3LIP.SOL	569.0000	59.8000	770.4000	2629.4000
000103	00	780522CC0500285C1B.M0LIP.SOL	.0000	56.2000	82.4000	69.8000
000104	00	780522CC0500285C1B.M3LIP.SOL	116.6000	65.4000	781.8000	645.8000
000105	00	780522CC0500285C1B.M3LIP.SOL	478.2000	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	24.6000	51.8000	820.8000
000109	00	780523CC0500285C1B.M2LIP.SOL	163.6000	30.4000	1035.0000	563.2000
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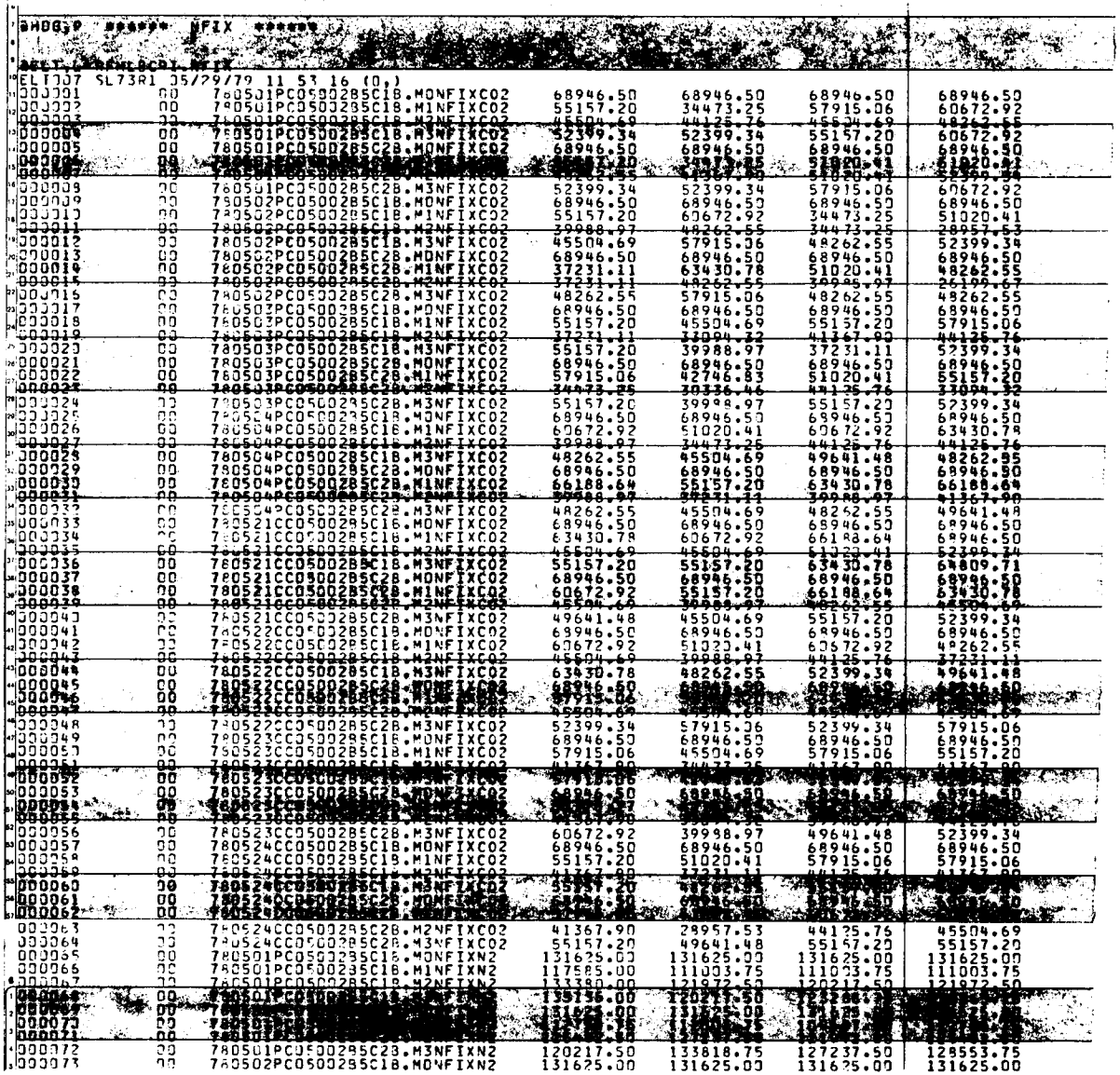
000111	00	780523CC0500285C2B.M0LIP.SOL	.0000	48.2000	1035.0000	595.6000
000112	00	780523CC0500285C2B.M1LIP.SOL	57.6000	48.2000	1035.0000	595.6000
000113	00	780523CC0500285C2B.M2LIP.SOL	44.6000	40.8000	1035.6000	258.6000
000114	00	780523CC0500285C2B.M3LIP.SOL	892.8000	72.2000	79.6000	951.0000
000115	00	780524CC0500285C1B.M0LIP.SOL	.0000	42.2000	41.6000	36.8000
000116	00	780524CC0500285C1B.M1LIP.SOL	68.6000	37.2000	1111.8000	1210.0000
000117	00	780524CC0500285C1B.M2LIP.SOL	156.6000	31.8000	1111.8000	1501.4000
000118	00	780524CC0500285C1B.M3LIP.SOL	250.0000	118.8000	1111.8000	255.8000
000119	00	780524CC0500285C2B.M0LIP.SOL	44.4000	47.6000	1111.8000	98.2000
000120	00	780524CC0500285C2B.M1LIP.SOL	444.0000	61.4000	1111.8000	1220.0000

END ELT.

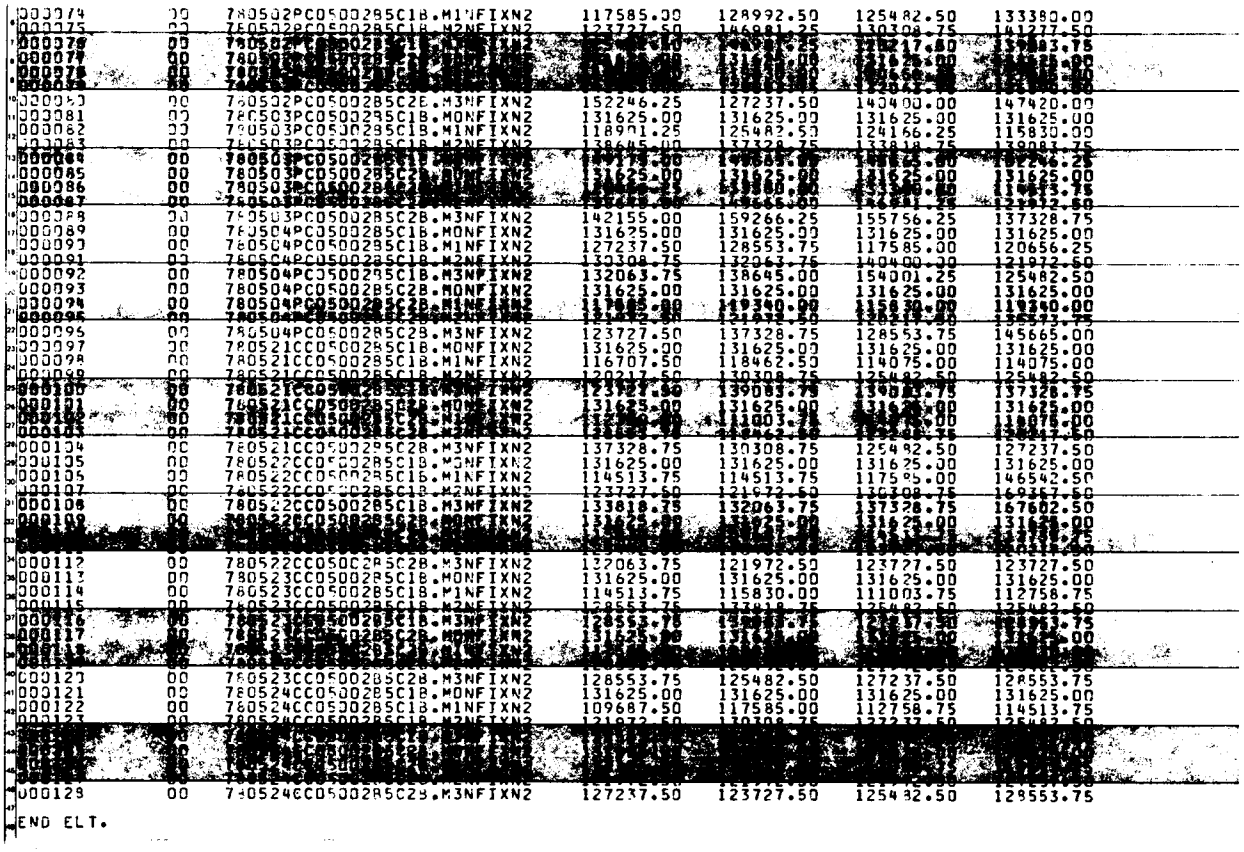


$HDB;P ***** NFIX *****

SELT.780501PC05002B5C1B.NFIX

ELT007 SL73R1 05/29/79 11 53 16 (0,)

000001	00	780501PC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000002	00	780501PC05002B5C1B.M1NFIXC02	55157.20	34473.25	57915.06	60672.92
000003	00	780501PC05002B5C1B.M2NFIXC02	41367.90	44125.76	45504.69	48262.55
000004	00	780501PC05002B5C1B.M3NFIXC02	52399.34	52399.34	55157.20	60672.92
000005	00	780501PC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000006	00	780501PC05002B5C2B.M1NFIXC02	55157.20	34473.25	51020.41	51020.41
000007	00	780501PC05002B5C2B.M2NFIXC02	41367.90	41367.90	51020.41	52399.34
000008	00	780501PC05002B5C2B.M3NFIXC02	52399.34	52399.34	57915.06	60672.92
000009	00	780502PC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000010	00	780502PC05002B5C1B.M1NFIXC02	55157.20	60672.92	34473.25	51020.41
000011	00	780502PC05002B5C1B.M2NFIXC02	39988.97	48262.55	34473.25	28957.53
000012	00	780502PC05002B5C1B.M3NFIXC02	45504.69	57915.06	48262.55	52399.34
000013	00	780502PC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000014	00	780502PC05002B5C2B.M1NFIXC02	37231.11	63430.78	51020.41	48262.55
000015	00	780502PC05002B5C2B.M2NFIXC02	37231.11	48262.55	30985.97	26199.67
000016	00	780502PC05002B5C2B.M3NFIXC02	48262.55	57915.06	48262.55	48262.55
000017	00	780503PC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000018	00	780503PC05002B5C1B.M1NFIXC02	55157.20	45504.69	55157.20	57915.06
000019	00	780503PC05002B5C1B.M2NFIXC02	37231.11	33094.32	41367.90	44125.76
000020	00	780503PC05002B5C1B.M3NFIXC02	55157.20	39988.97	37231.11	52399.34
000021	00	780503PC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000022	00	780503PC05002B5C2B.M1NFIXC02	57915.06	42746.83	51020.41	55157.20
000023	00	780503PC05002B5C2B.M2NFIXC02	34473.25	30336.46	44125.76	33094.32
000024	00	780503PC05002B5C2B.M3NFIXC02	55157.20	39988.97	55157.20	52399.34
000025	00	780504PC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000026	00	780504PC05002B5C1B.M1NFIXC02	60672.92	51020.41	60672.92	63430.78
000027	00	780504PC05002B5C1B.M2NFIXC02	39988.97	34473.25	44125.76	44125.76
000028	00	780504PC05002B5C1B.M3NFIXC02	48262.55	45504.69	49641.48	48262.55
000029	00	780504PC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000030	00	780504PC05002B5C2B.M1NFIXC02	66188.64	55157.20	63430.78	66188.64
000031	00	780504PC05002B5C2B.M2NFIXC02	39988.97	30985.97	30985.97	41367.90
000032	00	780504PC05002B5C2B.M3NFIXC02	48262.55	45504.69	48262.55	49641.48
000033	00	780521CC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000034	00	780521CC05002B5C1B.M1NFIXC02	63430.78	60672.92	66188.64	68946.50
000035	00	780521CC05002B5C1B.M2NFIXC02	45504.69	45504.69	51020.41	52399.34
000036	00	780521CC05002B5C1B.M3NFIXC02	55157.20	55157.20	63430.78	64809.71
000037	00	780521CC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000038	00	780521CC05002B5C2B.M1NFIXC02	60672.92	55157.20	66188.64	63430.78
000039	00	780521CC05002B5C2B.M2NFIXC02	45504.69	30985.97	48262.55	45504.69
000040	00	780521CC05002B5C2B.M3NFIXC02	49641.48	45504.69	55157.20	52399.34
000041	00	780522CC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000042	00	780522CC05002B5C1B.M1NFIXC02	60672.92	51020.41	60672.92	49262.55
000043	00	780522CC05002B5C1B.M2NFIXC02	45504.69	39988.97	44125.76	37231.11
000044	00	780522CC05002B5C1B.M3NFIXC02	63430.78	48262.55	52399.34	49641.48
000045	00	780522CC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000046	00	780522CC05002B5C2B.M1NFIXC02	57915.06	42746.83	51020.41	55157.20
000047	00	780522CC05002B5C2B.M2NFIXC02	45504.69	30985.97	48262.55	45504.69
000048	00	780522CC05002B5C2B.M3NFIXC02	52399.34	57915.06	52399.34	57915.06
000049	00	780523CC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000050	00	780523CC05002B5C1B.M1NFIXC02	57915.06	45504.69	57915.06	55157.20
000051	00	780523CC05002B5C1B.M2NFIXC02	41367.90	34473.25	41367.90	41367.90
000052	00	780523CC05002B5C1B.M3NFIXC02	57915.06	48262.55	51020.41	52399.34
000053	00	780523CC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000054	00	780523CC05002B5C2B.M1NFIXC02	60672.92	49641.48	60672.92	60672.92
000055	00	780523CC05002B5C2B.M2NFIXC02	45504.69	34473.25	45504.69	45504.69
000056	00	780523CC05002B5C2B.M3NFIXC02	60672.92	39988.97	49641.48	52399.34
000057	00	780524CC05002B5C1B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000058	00	780524CC05002B5C1B.M1NFIXC02	55157.20	51020.41	57915.06	57915.06
000059	00	780524CC05002B5C1B.M2NFIXC02	41367.90	37231.11	44125.76	41367.90
000060	00	780524CC05002B5C1B.M3NFIXC02	55157.20	42746.83	44125.76	44125.76
000061	00	780524CC05002B5C2B.M0NFIXC02	68946.50	68946.50	68946.50	68946.50
000062	00	780524CC05002B5C2B.M1NFIXC02	57915.06	49641.48	57915.06	57915.06
000063	00	780524CC05002B5C2B.M2NFIXC02	41367.90	28957.53	44125.76	45504.69
000064	00	780524CC05002B5C2B.M3NFIXC02	55157.20	49641.48	55157.20	55157.20
000065	00	780501PC05002B5C1B.M0NFIXN2	131625.00	131625.00	131625.00	131625.00
000066	00	780501PC05002B5C1B.M1NFIXN2	117585.00	111003.75	111003.75	111003.75
000067	00	780501PC05002B5C1B.M2NFIXN2	133380.00	121872.50	120217.50	121872.50
000068	00	780501PC05002B5C1B.M3NFIXN2	135136.00	120217.50	123382.50	123382.50
000069	00	780501PC05002B5C2B.M0NFIXN2	131625.00	131625.00	131625.00	131625.00
000070	00	780501PC05002B5C2B.M1NFIXN2	124767.75	111003.75	120217.50	117585.00
000071	00	780501PC05002B5C2B.M2NFIXN2	131625.00	131625.00	131625.00	131625.00
000072	00	780501PC05002B5C2B.M3NFIXN2	120217.50	133818.75	127237.50	128553.75
000073	00	780502PC05002B5C1B.M0NFIXN2	131625.00	131625.00	131625.00	131625.00



000074	00	780502PC050028SC1B.M1NFIXN2	117585.00	128992.50	125482.50	133380.00
000075	00	780502PC050028SC1B.M2NFIXN2	123727.50	145681.25	130308.75	141277.50
000078	00	780502PC050028SC1B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000077	00	780503PC050028SC1B.MONFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000078	00	780503PC050028SC1B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000079	00	780503PC050028SC1B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000080	00	780502PC050028SC2B.M3NFIXN2	152246.25	127237.50	140400.00	147420.00
000081	00	780503PC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000082	00	780503PC050028SC1B.M1NFIXN2	118901.25	125482.50	124166.25	115830.00
000083	00	780503PC050028SC1B.M2NFIXN2	138645.00	137328.75	133818.75	139083.75
000084	00	780503PC050028SC1B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000085	00	780503PC050028SC2B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000086	00	780503PC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000087	00	780503PC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000088	00	780503PC050028SC2B.M3NFIXN2	142155.00	159266.25	155756.25	137328.75
000089	00	780504PC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000090	00	780504PC050028SC1B.M1NFIXN2	127237.50	128553.75	117585.00	120656.25
000091	00	780504PC050028SC1B.M2NFIXN2	139308.75	132963.75	140400.00	121972.50
000092	00	780504PC050028SC1B.M3NFIXN2	132063.75	138645.00	154001.25	125482.50
000093	00	780504PC050028SC2B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000094	00	780504PC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000095	00	780504PC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000096	00	780504PC050028SC2B.M3NFIXN2	123727.50	137328.75	128553.75	145665.00
000097	00	780521CC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000098	00	780521CC050028SC1B.M1NFIXN2	116707.50	118462.50	114075.00	114075.00
000099	00	780521CC050028SC1B.M2NFIXN2	120217.50	130308.75	125482.50	125482.50
000100	00	780521CC050028SC1B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000101	00	780521CC050028SC2B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000102	00	780521CC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000103	00	780521CC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000104	00	780521CC050028SC2B.M3NFIXN2	137328.75	130308.75	125482.50	127237.50
000105	00	780522CC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000106	00	780522CC050028SC1B.M1NFIXN2	114513.75	114513.75	117585.00	146542.50
000107	00	780522CC050028SC1B.M2NFIXN2	123727.50	121972.50	116308.75	169367.50
000108	00	780522CC050028SC1B.M3NFIXN2	133818.75	132063.75	137328.75	167602.50
000109	00	780522CC050028SC2B.MONFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000110	00	780522CC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000111	00	780522CC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000112	00	780522CC050028SC2B.M3NFIXN2	132063.75	121972.50	123727.50	123727.50
000113	00	780523CC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000114	00	780523CC050028SC1B.M1NFIXN2	114513.75	115830.00	111003.75	112758.75
000115	00	780523CC050028SC1B.M2NFIXN2	128553.75	123818.75	125482.50	125482.50
000116	00	780523CC050028SC1B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000117	00	780523CC050028SC2B.MONFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000118	00	780523CC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000119	00	780523CC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000120	00	780523CC050028SC2B.M3NFIXN2	128553.75	125482.50	127237.50	128553.75
000121	00	780524CC050028SC1B.MONFIXN2	131625.00	131625.00	131625.00	131625.00
000122	00	780524CC050028SC1B.M1NFIXN2	109687.50	117585.00	112758.75	114513.75
000123	00	780524CC050028SC1B.M2NFIXN2	121972.50	130308.75	123727.50	125482.50
000124	00	780524CC050028SC1B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000125	00	780524CC050028SC2B.MONFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000126	00	780524CC050028SC2B.M1NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000127	00	780524CC050028SC2B.M2NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
000128	00	780524CC050028SC2B.M3NFIXN2	[illegible]	[illegible]	[illegible]	[illegible]
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END ELT.

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@HDG,P  ******  NFIXTN  ******

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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.      400.      100.
000005      00    780503PC0500285C18.M NFIX.TN       50.       50.       50.      100.
000006      00    780503PC0500285C28.M NFIX.TN     1000.      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      300.      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.
000016      00    780524CC0500285C28.M NFIX.TN      100.      100.     1000.      200.

END ELT.
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@MDS,P ****** NITRIF ******

@ELT,L PFHL3CP1.NITRIF
ELT037 SL7391 05/29/79 11 57 16 (C,)

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000002	00	780501PC05002B5C1B.M1NIT.NH4	13508.9999	11597.2000	13730.2001	13248.2999	
000003	00	780501PC05002B5C1B.M2NIT.NH4	14338.5000	11984.2999	11984.2999	11763.1000	
000004	00	780501PC05002B5C1B.M3NIT.NH4	11115.2999	12379.2999	13208.7999	12205.5000	
000005	00	780501PC05002B5C2B.MONIT.NH4	12418.7999	12418.7999	12453.1000	12461.2000	
000006	00	780501PC05002B5C2B.M1NIT.NH4	13469.4999	11549.7999	11944.7999	10246.2999	
000007	00	780501PC05002B5C2B.M2NIT.NH4	11249.6000	11510.2999	13508.9999	10633.4000	
000008	00	780501PC05002B5C2B.M3NIT.NH4	11549.7999	11857.8999	11549.7999	11897.3999	
000009	00	780502PC05002B5C1B.MONIT.NH4	13730.2001	13730.2001	11597.2000	13295.6998	
000010	00	780502PC05002B5C1B.M1NIT.NH4	13903.9999	12331.8999	13248.2999	14599.2000	
000011	00	780502PC05002B5C1B.M2NIT.NH4	11028.4000	11944.7999	11115.2999	11115.2999	
000012	00	780502PC05002B5C1B.M3NIT.NH4	12687.3999	15033.7000	13917.1000	15207.5000	
000013	00	780502PC05002B5C2B.MONIT.NH4	14251.5999	14251.5999	15081.0999	14125.2001	
000014	00	780502PC05002B5C2B.M1NIT.NH4	12205.5000	13769.7000	11162.7000	13422.1000	
000015	00	780502PC05002B5C2B.M2NIT.NH4	11336.5000	11423.4000	10854.6000	11289.0999	
000016	00	780502PC05002B5C2B.M3NIT.NH4	13682.7999	13027.1000	12987.6000	14954.7000	
000017	00	780503PC05002B5C1B.MONIT.NH4	14125.2001	14125.2001	13632.7999	14385.9000	
000018	00	780503PC05002B5C1B.M1NIT.NH4	11897.3999	12205.5000	12466.2000	12292.3999	
000019	00	780503PC05002B5C1B.M2NIT.NH4	11723.6000	14867.7999	9369.3999	11810.5000	
000020	00	780503PC05002B5C1B.M3NIT.NH4	12861.2000	15997.5000	14164.7000	14733.5000	
000021	00	780503PC05002B5C2B.MONIT.NH4	13730.2001	13730.2001	13756.2001	13556.4000	
000022	00	780503PC05002B5C2B.M1NIT.NH4	12418.7999	12813.7999	13382.6000	11723.6000	
000023	00	780503PC05002B5C2B.M2NIT.NH4	13730.2001	12205.5000	12118.6000	11462.8999	
000024	00	780503PC05002B5C2B.M3NIT.NH4	13656.5999	12861.2000	13121.8999	11423.4000	
000025	00	780504PC05002B5C1B.MONIT.NH4	13295.6998	13295.6998	13295.6998	13730.2001	
000026	00	780504PC05002B5C1B.M1NIT.NH4	14125.2001	14994.2000	13335.2001	15033.7000	
000027	00	780504PC05002B5C1B.M2NIT.NH4	14385.9000	14559.7000	13208.7999	11984.2999	
000028	00	780504PC05002B5C1B.M3NIT.NH4	11462.8999	10680.7999	11115.2999	11336.5000	
000029	00	780504PC05002B5C2B.MONIT.NH4	15033.7000	15033.7000	15341.8000	13295.6998	
000030	00	780504PC05002B5C2B.M1NIT.NH4	10333.2000	10680.7999	11984.2999	14646.5999	
000031	00	780504PC05002B5C2B.M2NIT.NH4	12418.7999	12071.2000	11115.2999	11115.2999	
000032	00	780504PC05002B5C2B.M3NIT.NH4	11549.7999	11167.7000	12156.1000	12553.1000	
000033	00	780521CC05002B5C1B.MONIT.NH4	12333.2000	12333.2000	12653.4000	11784.2999	
000034	00	780521CC05002B5C1B.M1NIT.NH4	13382.6000	12513.6000	10941.5000	12640.0000	
000035	00	780521CC05002B5C1B.M2NIT.NH4	11115.2999	10633.4000	11549.7999	11115.2999	
000036	00	780521CC05002B5C1B.M3NIT.NH4	11857.8999	12118.6000	11857.8999	12118.6000	
000037	00	780521CC05002B5C2B.MONIT.NH4	10111.8999	10111.8999	9543.2999	11562.4000	
000038	00	780521CC05002B5C2B.M1NIT.NH4	11984.2999	12205.5000	11336.5000	11115.2999	
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000040	00	780521CC05002B5C2B.M3NIT.NH4	12292.3999	11944.7999	12861.2000	11162.7000	
000041	00	780522CC05002B5C1B.MONIT.NH4	11249.6000	11249.6000	12517.6000	10720.2999	
000042	00	780522CC05002B5C1B.M1NIT.NH4	11462.8999	12117.6000	12918.7999	12461.2000	
000043	00	780522CC05002B5C1B.M2NIT.NH4	11462.8999	12434.7999	12118.6000	12861.2000	
000044	00	780522CC05002B5C1B.M3NIT.NH4	12553.1000	12861.2000	13730.2001	12118.6000	
000045	00	780522CC05002B5C2B.MONIT.NH4	11634.7000	11634.7000	12291.4999	11944.7999	
000046	00	780522CC05002B5C2B.M1NIT.NH4	12513.6000	11510.2999	12861.2000	14164.7000	
000047	00	780522CC05002B5C2B.M2NIT.NH4	11162.7000	11162.7000	11675.2000	11462.8999	
000048	00	780522CC05002B5C2B.M3NIT.NH4	14599.2000	11162.7000	11723.6000	11028.4000	
000049	00	780523CC05002E5C1B.MONIT.NH4	12726.8888	12726.8888	11984.2999	10680.7999	
000050	00	780523CC05002B5C1B.M1NIT.NH4	11984.2999	12513.6000	13208.7999	13074.4999	
000051	00	780523CC05002E5C1B.M2NIT.NH4	11549.7999	11336.5000	11423.4000	11249.6000	
000052	00	780523CC05002E5C1B.M3NIT.NH4	11549.7999	11028.4000	11810.5000	10894.0999	
000053	00	780523CC05002B5C2B.MONIT.NH4	12513.6000	12513.6000	10680.7999	11549.7999	
000054	00	780523CC05002B5C2B.M1NIT.NH4	12205.5000	11597.2000	11423.4000	11289.0999	
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000056	00	780523CC05002B5C2B.M3NIT.NH4	11763.1000	11763.1000	12071.2000	14599.2000	
000057	00	780524CC05002B5C1B.MONIT.NH4	12726.8888	12726.8888	12730.2001	12600.5826	
000058	00	780524CC05002B5C1B.M1NIT.NH4	13730.2001	12510.2999	11462.8999	11549.7999	
000059	00	780524CC05002B5C1B.M2NIT.NH4	11810.5000	11115.2999	11462.8999	12168.1000	
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000061	00	780524CC05002B5C2B.MONIT.NH4	11549.7999	11549.7999	12205.5000	11075.7999	
000062	00	780524CC05002B5C2B.M1NIT.NH4	13248.2999	10980.9999	12513.6000	11549.7999	
000063	00	780524CC05002B5C2B.M2NIT.NH4	11162.7000	11944.7999	11462.8999	11289.0999	
000064	00	780524CC05002B5C2B.M3NIT.NH4	11423.4000	11944.7999	12118.6000	11549.7999	
000065	00	780501PC05002B5C1B.MONIT.NO2	882.7500	882.7500	869.0000	750.5000	
000066	00	780501PC05002B5C1B.M1NIT.NO2	316.0000	316.0000	316.0000	316.0000	
000067	00	780501PC05002B5C1B.M2NIT.NO2	19.7500	395.0000	197.5000	98.7500	
000068	00	780501PC05002B5C1B.M3NIT.NO2	19.7500	750.5000	19.7500	1619.5000	
000069	00	780501PC05002B5C2B.MONIT.NO2	869.0000	869.0000	1185.0000	513.5000	
000070	00	780501PC05002B5C2B.M1NIT.NO2	19.7500	434.5000	19.7500	19.7500	
000071	00	780501PC05002B5C2B.M2NIT.NO2	19.7500	434.5000	19.7500	19.7500	
000072	00	780501PC05002B5C2B.M3NIT.NO2	19.7500	553.0000	19.7500	19.7500	
000073	00	780502PC05002B5C1B.MONIT.NO2	493.7500	493.7500	869.0000	908.5000	

000078	00	780502PC05002B5C1B.M1NIT.NO2	19.7500	266.7500	[illegible]	276.5000
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000078	00	780502PC05002B5C2B.M1NIT.NO2	19.7500	375.2500	19.7500	276.5000
000079	00	780502PC05002B5C2B.M2NIT.NO2	19.7500	256.7500	19.7500	59.2500
000080	00	780502PC05002B5C2B.M3NIT.NO2	19.7500	158.0000	19.7500	19.7500
000081	00	780502PC05002B5C2B.MONIT.NO2	788.0000	788.0000	691.2500	730.7500
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.7500	19.7500
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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000086	00	780503PC05002B5C2B.M1NIT.NO2	493.7500	987.5000	316.0000	513.5000
000087	00	780503PC05002B5C2B.M2NIT.NO2	572.7500	118.5000	197.5000	355.5000
000088	00	780503PC05002B5C2B.M3NIT.NO2	533.2500	19.7500	19.7500	19.7500
000089	00	780504PC05002B5C1B.MONIT.NO2	829.5000	829.5000	829.5000	1461.5000
000090	00	780504PC05002B5C1B.M1NIT.NO2	19.7500	809.7500	118.5000	237.0000
000091	00	780504PC05002B5C1B.M2NIT.NO2	19.7500	474.0000	79.0000	59.2500
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000144	00	780502PC05002B5C2B.M3NIT.NO3	16.8112	18.1384	18.7704	15.5156
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000170	00	780522CC05002B5C1B.M1NIT.N03	19.4340	18.7704	22.0568	27.3024
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000173	00	780522CC05002B5C2B.M0NIT.N03	16.1792	16.1792	15.5156	18.4340
000174	00	780522CC05002B5C2B.M1NIT.N03	18.7704	20.7612	19.4340	20.0976
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000189	00	780524CC05002B5C2B.M0NIT.N03	17.4748	17.4748	16.1792	16.1792
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000191	00	780524CC05002B5C2B.M2NIT.N03	19.4340	19.7704	19.4340	20.0976
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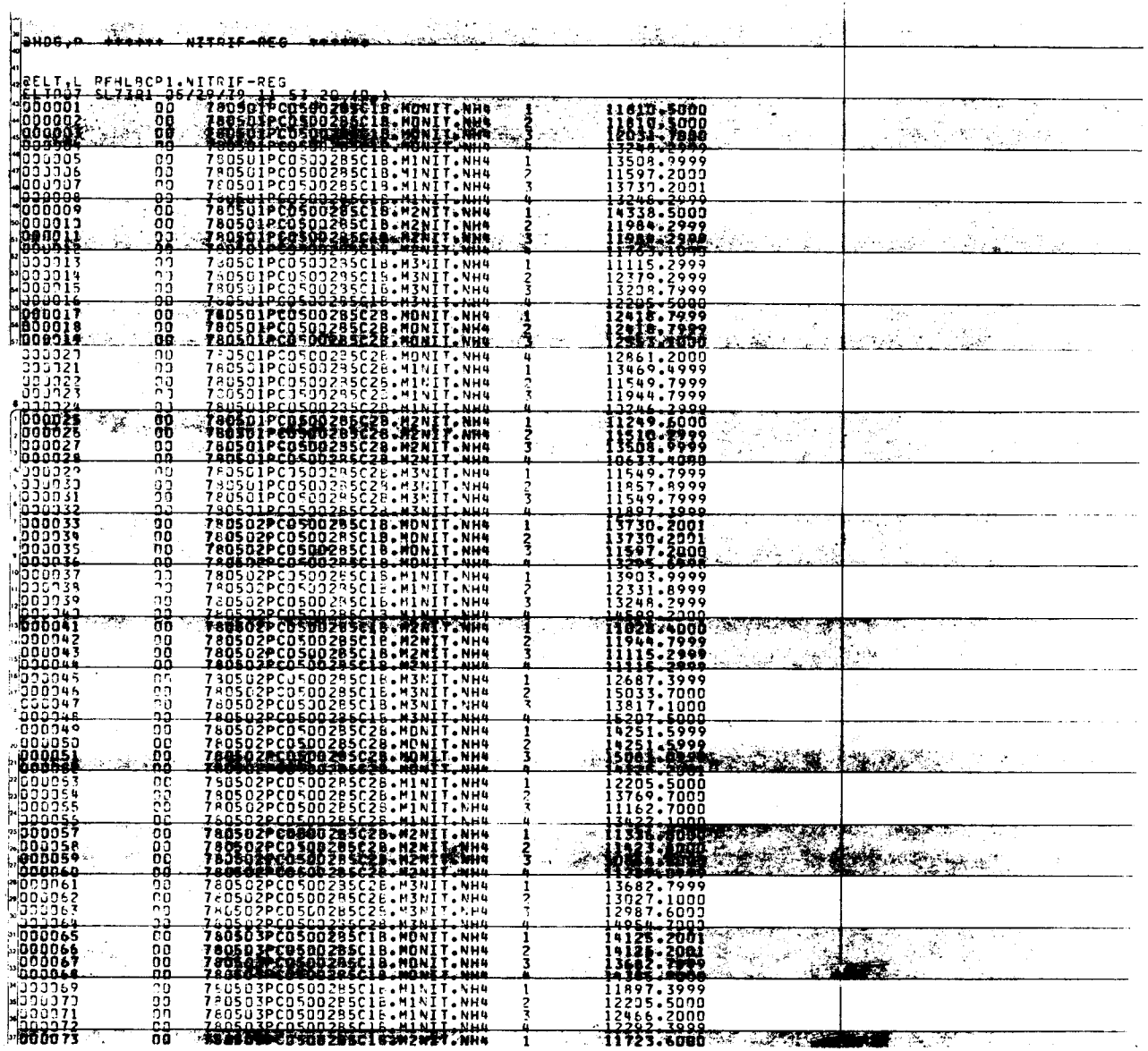

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000110	00	780504PC05002B5C1B.M3NIT.NH4	2	10680.7999
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000114	00	780504PC05002B5C2B.MONIT.NH4	2	15033.7000
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000121	00	780504PC05002B5C2B.M2NIT.NH4	1	12418.7999
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000138	00	780521CC05002B5C1B.M2NIT.NH4	2	10633.4000
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000144	00	780521CC05002B5C1B.M3NIT.NH4	4	12418.7999
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000147	00	780521CC05002B5C2B.MONIT.NH4	3	9816.2998
000148	00	780521CC05002B5C2B.MONIT.NH4	4	11203.1000
000149	00	780521CC05002B5C2B.M1NIT.NH4	1	11984.2999
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000158	00	780521CC05002B5C2B.M3NIT.NH4	2	11944.7999
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000181	00	780522CC05002B5C2B.M1NIT.NH4	1	12513.6000
000182	00	780522CC05002B5C2B.M1NIT.NH4	2	11510.2999
000183	00	780522CC05002B5C2B.M1NIT.NH4	3	12861.2000
000189	00	780522CC05002B5C2B.M3NIT.NH4	1	14599.2000
000190	00	780522CC05002B5C2B.M3NIT.NH4	2	11162.7000
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000197	00	780523CC05002B5C1B.M1NIT.NH4	1	11984.2999
000198	00	780523CC05002B5C1B.M1NIT.NH4	2	12513.6000
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000207	00	780523CC05002B5C1B.M3NIT.NH4	3	11810.5000
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000222	00	780523CC05002B5C2B.M3NIT.NH4	2	11763.1000
000223	00	780523CC05002B5C2B.M3NIT.NH4	3	12071.2000
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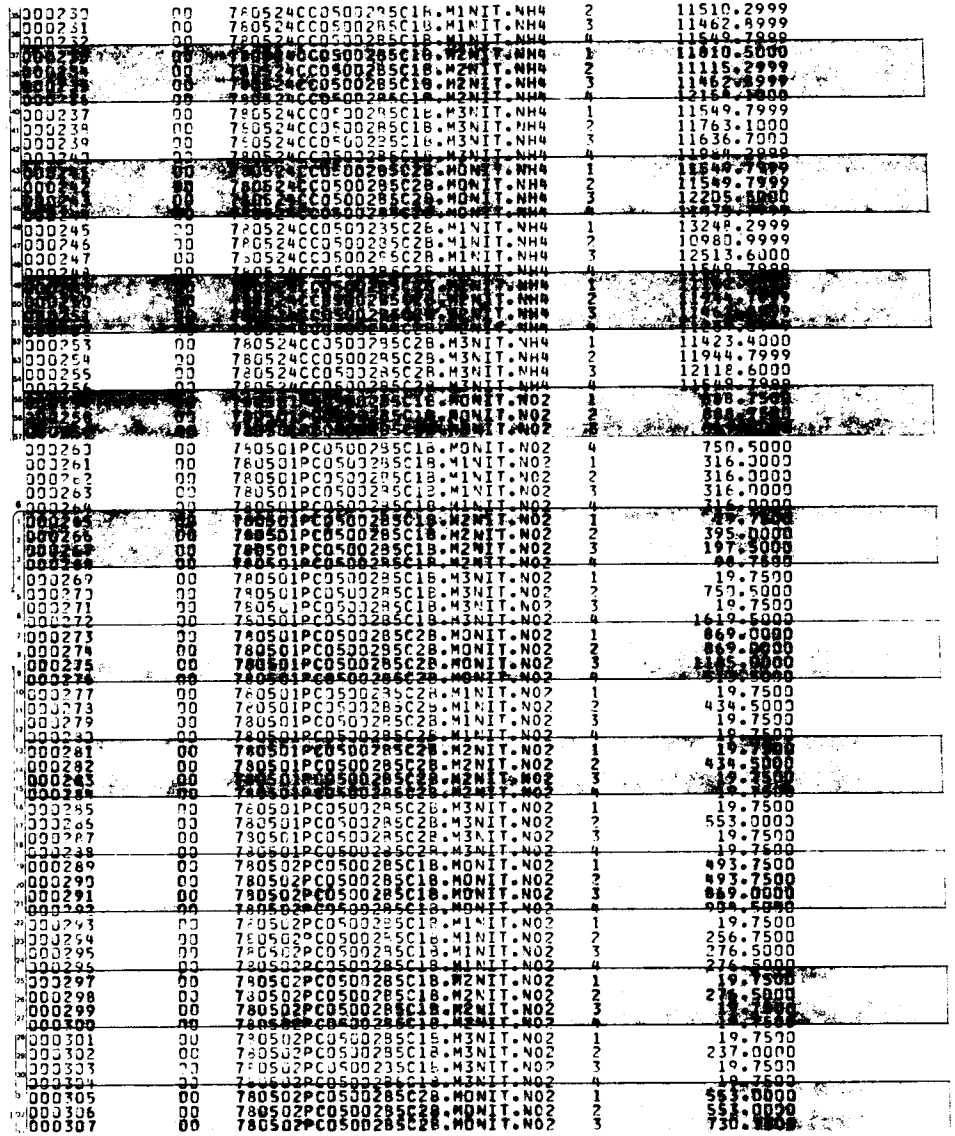

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000233	00	780524CC0500285C1B.M2NIT.NH4	1	11810.5000
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000238	00	780524CC0500285C1B.M3NIT.NH4	2	11763.1000
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000240	00	780524CC0500285C1B.M3NIT.NH4	4	11944.7999
000241	00	780524CC0500285C2B.MONIT.NH4	1	11549.7999
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000243	00	780524CC0500285C2B.MONIT.NH4	3	12205.6000
000244	00	780524CC0500285C2B.MONIT.NH4	4	11549.7999
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000246	00	780524CC0500285C2B.M1NIT.NH4	2	10980.9999
000247	00	780524CC0500285C2B.M1NIT.NH4	3	12513.6000
000248	00	780524CC0500285C2B.M1NIT.NH4	4	11549.7999
000249	00	780524CC0500285C1B.M2NIT.NH4	1	11549.7999
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000253	00	780524CC0500285C2B.M3NIT.NH4	1	11423.4000
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000264	00	780501PC0500285C1B.M1NIT.NO2	4	316.3000
000265	00	780501PC0500285C1B.M2NIT.NO2	1	197.7500
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000268	00	780501PC0500285C1B.M2NIT.NO2	4	98.7500
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000270	00	780501PC0500285C1B.M3NIT.NO2	2	750.5000
000271	00	780501PC0500285C1B.M3NIT.NO2	3	19.7500
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000273	00	780501PC0500285C2B.MONIT.NO2	1	869.0000
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000281	00	780501PC0500285C2B.M2NIT.NO2	1	19.7500
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000283	00	780501PC0500285C2B.M2NIT.NO2	3	19.7500
000284	00	780501PC0500285C2B.M2NIT.NO2	4	19.7500
000285	00	780501PC0500285C2B.M3NIT.NO2	1	19.7500
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000301	00	780502PC0500285C1B.M3NIT.NO2	1	19.7500
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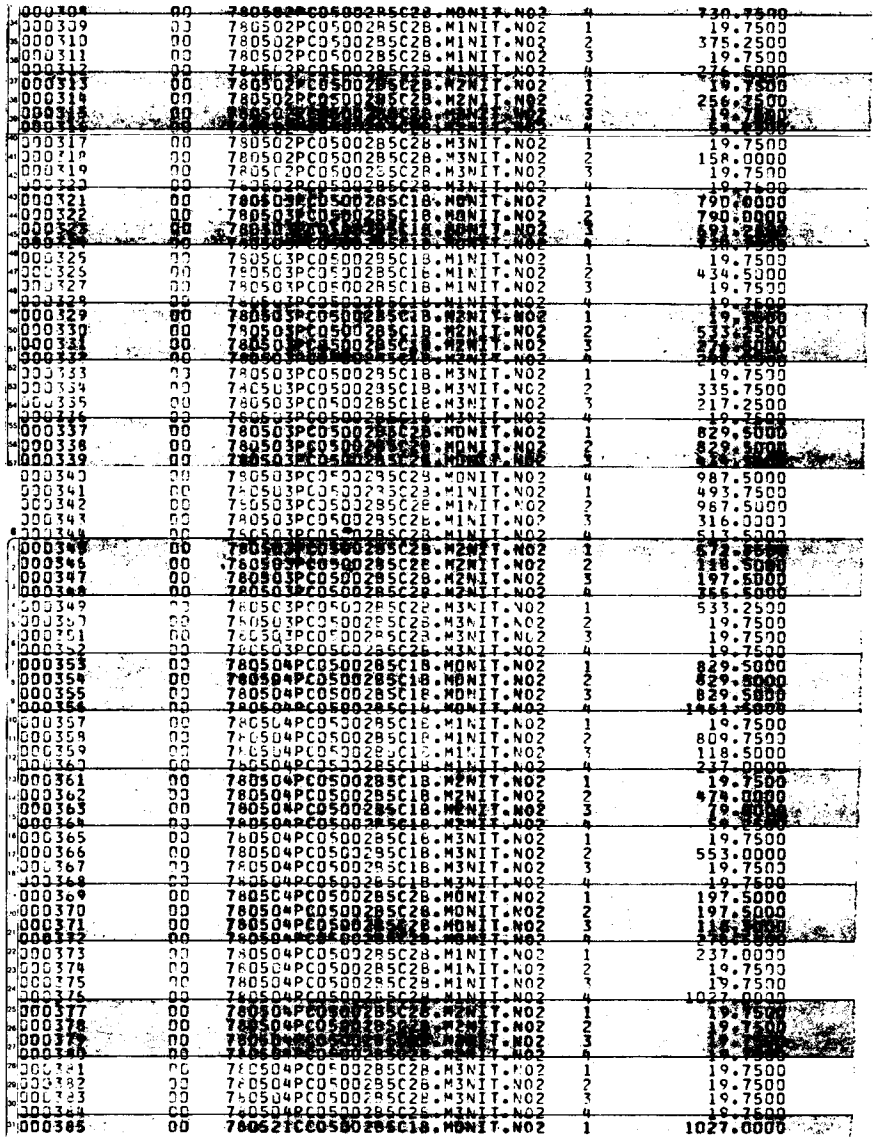

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000314	00	780502PC05002B5C2B.M2NIT.NO2	2	256.2500
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000331	00	780503PC05002B5C1B.M2NIT.NO2	3	276.5000
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000389	00	780521CC05002B5C1B.M1NIT.NO2	1	19.7500
000390	00	780521CC05002B5C1B.M1NIT.NO2	2	355.5000
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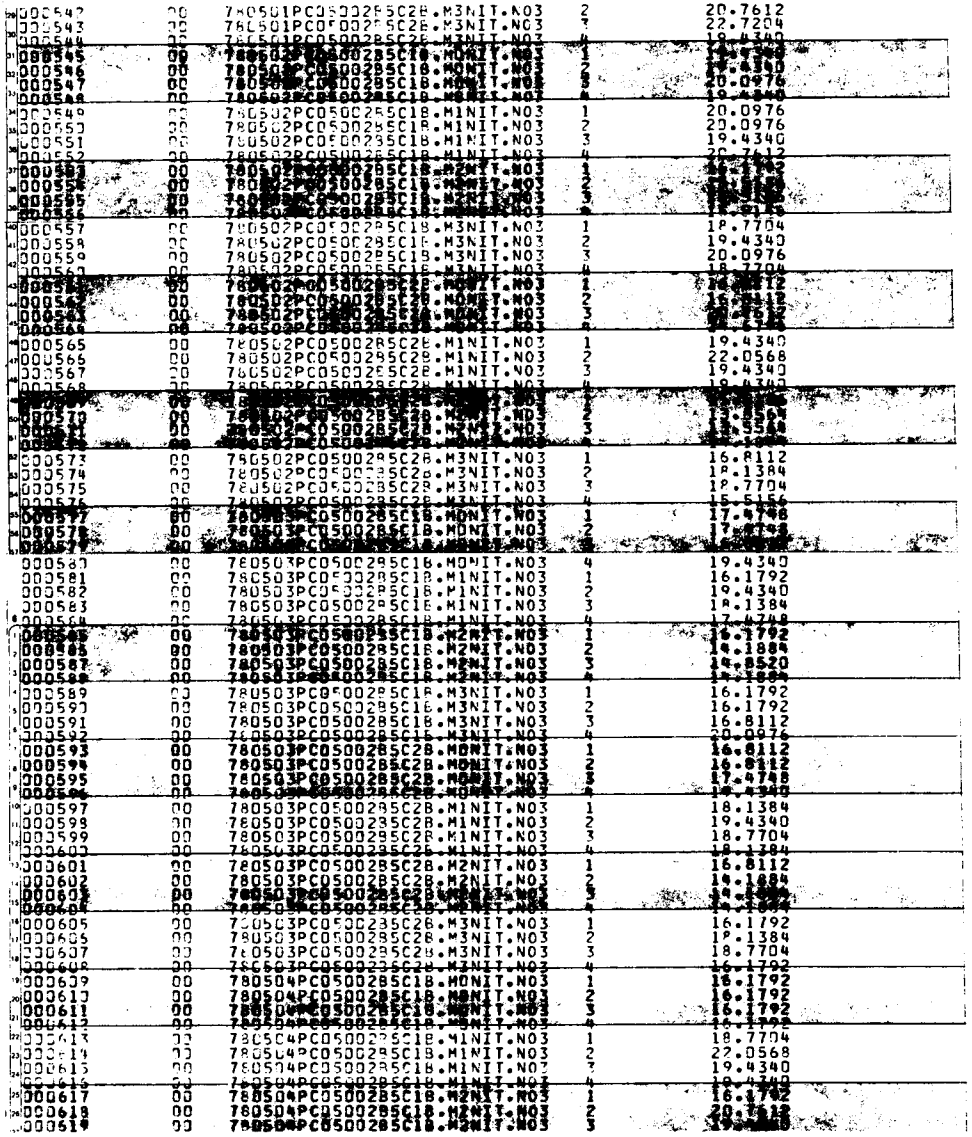
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000664	00	780521CCD500285C2B.M1NIT.NO3	4	19.4340
000665	00	780521CCD500285C2B.M2NIT.NO3	1	14.8520
000666	00	780521CCD500285C2B.M2NIT.NO3	2	14.8520
000667	00	780521CCD500285C2B.M2NIT.NO3	3	14.8520
000668	00	780521CCD500285C2B.M2NIT.NO3	4	16.8112
000669	00	780521CCD500285C2B.M3NIT.NO3	1	16.8112
000670	00	780521CCD500285C2B.M3NIT.NO3	2	17.4748
000671	00	780521CCD500285C2B.M3NIT.NO3	3	18.1384
000672	00	780521CCD500285C2B.M3NIT.NO3	4	18.1384
000673	00	780522CCD500285C1B.MONIT.NO3	1	17.4748
000674	00	780522CCD500285C1B.MONIT.NO3	2	17.4748
000675	00	780522CCD500285C1B.MONIT.NO3	3	16.8112
000676	00	780522CCD500285C1B.MONIT.NO3	4	18.1384
000677	00	780522CCD500285C1B.M1NIT.NO3	1	19.4340
000678	00	780522CCD500285C1B.M1NIT.NO3	2	18.7704
000679	00	780522CCD500285C1B.M1NIT.NO3	3	22.0568
000680	00	780522CCD500285C1B.M1NIT.NO3	4	27.3024
000681	00	780522CCD500285C1B.M2NIT.NO3	1	13.5564
000682	00	780522CCD500285C1B.M2NIT.NO3	2	14.1884
000683	00	780522CCD500285C1B.M2NIT.NO3	3	14.8520
000684	00	780522CCD500285C1B.M2NIT.NO3	4	14.8520
000685	00	780522CCD500285C1B.M3NIT.NO3	1	16.8112
000686	00	780522CCD500285C1B.M3NIT.NO3	2	18.1384
000687	00	780522CCD500285C1B.M3NIT.NO3	3	20.0976
000688	00	780522CCD500285C1B.M3NIT.NO3	4	16.8112
000689	00	780522CCD500285C2B.MONIT.NO3	1	16.1792
000690	00	780522CCD500285C2B.MONIT.NO3	2	16.1792
000691	00	780522CCD500285C2B.MONIT.NO3	3	15.5156
000692	00	780522CCD500285C2B.MONIT.NO3	4	19.4340
000693	00	780522CCD500285C2B.M1NIT.NO3	1	18.7704
000694	00	780522CCD500285C2B.M1NIT.NO3	2	20.7612
000695	00	780522CCD500285C2B.M1NIT.NO3	3	19.4340
000696	00	780522CCD500285C2B.M1NIT.NO3	4	20.0976
000697	00	780522CCD500285C2B.M2NIT.NO3	1	16.1792

000698	00	780522CC05002B5C2B.M2NIT.NO3	2	13.5564
000699	00	780522CC05002B5C2B.M2NIT.NO3	3	15.5156
000700	00	780522CC05002B5C2B.M2NIT.NO3	4	15.5156
000701	00	780522CC05002B5C2B.M3NIT.NO3	1	21.3932
000702	00	780522CC05002B5C2B.M3NIT.NO3	2	14.1884
000703	00	780522CC05002B5C2B.M3NIT.NO3	3	19.4340
000704	00	780522CC05002B5C2B.M3NIT.NO3	4	19.4340
000705	00	780523CC05002B5C1B.MONIT.NO3	1	16.1792
000706	00	780523CC05002B5C1B.MONIT.NO3	2	16.1792
000707	00	780523CC05002B5C1B.MONIT.NO3	3	18.1384
000708	00	780523CC05002B5C1B.MONIT.NO3	4	16.1792
000709	00	780523CC05002B5C1B.M1NIT.NO3	1	18.7704
000710	00	780523CC05002B5C1B.M1NIT.NO3	2	18.1384
000711	00	780523CC05002B5C1B.M1NIT.NO3	3	19.4340
000712	00	780523CC05002B5C1B.M1NIT.NO3	4	22.0568
000713	00	780523CC05002B5C1B.M2NIT.NO3	1	22.0568
000714	00	780523CC05002B5C1B.M2NIT.NO3	2	18.7704
000715	00	780523CC05002B5C1B.M2NIT.NO3	3	19.4340
000716	00	780523CC05002B5C1B.M2NIT.NO3	4	20.0976
000717	00	780523CC05002B5C1B.M3NIT.NO3	1	19.4340
000718	00	780523CC05002B5C1B.M3NIT.NO3	2	16.8112
000719	00	780523CC05002B5C1B.M3NIT.NO3	3	18.1384
000720	00	780523CC05002B5C1B.M3NIT.NO3	4	18.1384
000721	00	780523CC05002B5C2B.MONIT.NO3	1	16.1792
000722	00	780523CC05002B5C2B.MONIT.NO3	2	16.1792
000723	00	780523CC05002B5C2B.MONIT.NO3	3	24.6796
000724	00	780523CC05002B5C2B.MONIT.NO3	4	17.4748
000725	00	780523CC05002B5C2B.M1NIT.NO3	1	22.0568
000726	00	780523CC05002B5C2B.M1NIT.NO3	2	19.4340
000727	00	780523CC05002B5C2B.M1NIT.NO3	3	25.3432
000728	00	780523CC05002B5C2B.M1NIT.NO3	4	22.0568
000729	00	780523CC05002B5C2B.M2NIT.NO3	1	19.4340
000730	00	780523CC05002B5C2B.M2NIT.NO3	2	20.7612
000731	00	780523CC05002B5C2B.M2NIT.NO3	3	19.4340
000732	00	780523CC05002B5C2B.M2NIT.NO3	4	20.0976
000733	00	780523CC05002B5C2B.M3NIT.NO3	1	18.7704
000734	00	780523CC05002B5C2B.M3NIT.NO3	2	17.4748
000735	00	780523CC05002B5C2B.M3NIT.NO3	3	18.1384
000736	00	780523CC05002B5C2B.M3NIT.NO3	4	19.4340
000737	00	780524CC05002B5C1B.MONIT.NO3	1	16.8112
000738	00	780524CC05002B5C1B.MONIT.NO3	2	16.8112
000739	00	780524CC05002B5C1B.MONIT.NO3	3	16.1792
000740	00	780524CC05002B5C1B.MONIT.NO3	4	15.5156
000741	00	780524CC05002B5C1B.M1NIT.NO3	1	15.5156
000742	00	780524CC05002B5C1B.M1NIT.NO3	2	16.1792
000743	00	780524CC05002B5C1B.M1NIT.NO3	3	16.1792
000744	00	780524CC05002B5C1B.M1NIT.NO3	4	16.1792
000745	00	780524CC05002B5C1B.M2NIT.NO3	1	19.4340
000746	00	780524CC05002B5C1B.M2NIT.NO3	2	18.1384
000747	00	780524CC05002B5C1B.M2NIT.NO3	3	18.1384
000748	00	780524CC05002B5C1B.M2NIT.NO3	4	20.7612
000749	00	780524CC05002B5C1B.M3NIT.NO3	1	16.8112
000750	00	780524CC05002B5C1B.M3NIT.NO3	2	18.1384
000751	00	780524CC05002B5C1B.M3NIT.NO3	3	19.4340
000752	00	780524CC05002B5C1B.M3NIT.NO3	4	20.0976
000753	00	780524CC05002B5C2B.MONIT.NO3	1	17.4748
000754	00	780524CC05002B5C2B.MONIT.NO3	2	17.4748
000755	00	780524CC05002B5C2B.MONIT.NO3	3	16.1792
000756	00	780524CC05002B5C2B.MONIT.NO3	4	16.1792
000757	00	780524CC05002B5C2B.M1NIT.NO3	1	18.1384
000758	00	780524CC05002B5C2B.M1NIT.NO3	2	14.1884
000759	00	780524CC05002B5C2B.M1NIT.NO3	3	15.5156
000760	00	780524CC05002B5C2B.M1NIT.NO3	4	16.1792
000761	00	780524CC05002B5C2B.M2NIT.NO3	1	19.4340
000762	00	780524CC05002B5C2B.M2NIT.NO3	2	18.7704
000763	00	780524CC05002B5C2B.M2NIT.NO3	3	19.4340
000764	00	780524CC05002B5C2B.M2NIT.NO3	4	20.0976
000765	00	780524CC05002B5C2B.M3NIT.NO3	1	16.8112
000766	00	780524CC05002B5C2B.M3NIT.NO3	2	18.1384
000767	00	780524CC05002B5C2B.M3NIT.NO3	3	22.0568
000768	00	780524CC05002B5C2B.M3NIT.NO3	4	19.4340

END ELT.

@HDG,P ****** PPMA ******

@ELT,L RFMLBCR1.PPMA
ELT007 SL73R1 05/29/79 11.53.25. (07)

000001	00	780501PCC05002B5C1B.M	MET.ACT	-.28	-.20	-.20	-.12
000002	00	780501PCC05002B5C2B.M	MET.ACT	-.36	-.36	-.32	-.32
000003	00	780502PCC05002B5C1B.M	MET.ACT	-.60	-.32	-.56	-.32
000004	00	780502PCC05002B5C2B.M	MET.ACT	-.48	-.28	-.46	-.44
000005	00	780503PCC05002B5C1B.M	MET.ACT	-.16	-.12	-.16	-.16
000006	00	780503PCC05002B5C2B.M	MET.ACT	-.16	-.12	-.16	-.16
000007	00	780504PCC05002B5C1B.M	MET.ACT	-.38	-.28	-.32	-.28
000008	00	780504PCC05002B5C2B.M	MET.ACT	-.40	.00	-.44	-.40
000009	00	780521CCC05002B5C1B.M	MET.ACT	-.36	.00	-.32	-.36
000010	00	780521CCC05002B5C2B.M	MET.ACT	-.24	.00	-.24	-.20
000011	00	780522CCC05002B5C1B.M	MET.ACT	-.28	-.16	-.28	-.28
000012	00	780522CCC05002B5C2B.M	MET.ACT	-.36	-.36	-.28	-.20
000013	00	780523CCC05002B5C1B.M	MET.ACT	-.20	-.16	-.16	-.16
000014	00	780523CCC05002B5C2B.M	MET.ACT	-.24	-.24	-.24	-.24
000015	00	780524CCC05002B5C1B.M	MET.ACT	-.20	-.20	-.20	-.12
000016	00	780524CCC05002B5C2B.M	MET.ACT	-.22	-.26	-.24	-.24
000017	00	780501PCC05002B5C1B.M	PHOTOSY	.04	.00	.04	-.04
000018	00	780501PCC05002B5C2B.M	PHOTOSY	-.24	.00	.00	.00
000019	00	780502PCC05002B5C1B.M	PHOTOSY	-.30	.00	-.32	-.48
000020	00	780502PCC05002B5C2B.M	PHOTOSY	-.24	.40	-.22	-.30
000021	00	780503PCC05002B5C1B.M	PHOTOSY	.00	.00	.00	.00
000022	00	780503PCC05002B5C2B.M	PHOTOSY	.04	.00	.04	.04
000023	00	780504PCC05002B5C1B.M	PHOTOSY	.08	-.04	.02	-.04
000024	00	780504PCC05002B5C2B.M	PHOTOSY	.08	-.32	.08	-.04
000025	00	780521CCC05002B5C1B.M	PHOTOSY	-.04	.00	-.18	-.08
000026	00	780521CCC05002B5C2B.M	PHOTOSY	.00	.00	-.04	.00
000027	00	780522CCC05002B5C1B.M	PHOTOSY	-.04	.00	-.18	-.08
000028	00	780522CCC05002B5C2B.M	PHOTOSY	-.06	.12	-.04	.00
000029	00	780523CCC05002B5C1B.M	PHOTOSY	.04	-.04	-.04	.00
000030	00	780523CCC05002B5C2B.M	PHOTOSY	.00	.00	.00	.00
000031	00	780524CCC05002B5C1B.M	PHOTOSY	.04	.00	.02	.04
000032	00	780524CCC05002B5C2B.M	PHOTOSY	.00	.02	.00	.02

END ELT.

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SHOS,P ****** P04 ******

SELT,L PFWLRCR1.P04
ELT007 SL73R1 05/29/79 11 53 24 (0,)
000001    00   780501PC0500285C1B.MOP04.INS      .00000      .13357      .12798      .11118
000002    00   780501PC0500285C1B.MOP04.SOL      .00000    19.86643    19.87702    19.88882
000003    00   780501PC0500285C1B.M1P04.INS      .14467      .20734      .14483      .14286
000004    00   780501PC0500285C1B.M1P04.SOL    19.83133    19.79261    19.85597    19.85715
000005    00   780501PC0500285C1B.M2P04.INS      .20833      .20879      .16907      .11433
000006    00   780501PC0500285C1B.M2P04.SOL    19.79167    19.79121    19.83093    19.88567
000007    00   780501PC0500285C1B.M3P04.INS      .07518      .07413      .10599      .09402
000008    00   780501PC0500285C1B.M3P04.SOL    19.92482    19.92587    19.89401    19.90698
000009    00   780501PC0500285C2B.MOP04.INS      .00000      .15365      .17643      .12071
000010    00   780501PC0500285C2B.MOP04.SOL      .00000    19.84635    19.82357    19.87929
000011    00   780501PC0500285C2B.M1P04.INS      .19951      .12433      .13529      .14419
000012    00   780501PC0500285C2B.M1P04.SOL    19.85049    19.87367    19.86480    19.85281
000013    00   780501PC0500285C2B.M2P04.INS      .16928      .26390      .13827      .15146
000014    00   780501PC0500285C2B.M2P04.SOL    19.83072    19.73610    19.86173    19.84854
000015    00   780501PC0500285C2B.M3P04.INS      .10416      .08637      .08738      .07754
000016    00   780501PC0500285C2B.M3P04.SOL    19.89584    19.91363    19.91262    19.92246
000017    00   780502PC0500285C1B.MOP04.INS      .00000      .17824      .26088      .21361
000018    00   780502PC0500285C1B.MOP04.SOL      .00000    19.82176    19.73912    19.78639
000019    00   780502PC0500285C1B.M1P04.INS      .20844      .18701      .18941      .19888
000020    00   780502PC0500285C1B.M1P04.SOL    19.79756    19.81299    19.71059    19.81920
000021    00   780502PC0500285C1B.M2P04.INS      .20448      .20396      .42708      .23880
000022    00   780502PC0500285C1B.M2P04.SOL    19.79552    19.79604    19.57292    19.76120
000023    00   780502PC0500285C1B.M3P04.INS      .24179      .23782      .38265      .32259
000024    00   780502PC0500285C2B.M3P04.SOL    19.75861    19.76278    19.61735    19.67741
000025    00   780502PC0500285C2B.MOP04.INS      .00000      .14486      .16971      .10719
000026    00   780502PC0500285C2B.MOP04.SOL      .00000    19.85514    19.83029    19.89281
000027    00   780502PC0500285C2B.M1P04.INS      .16294      .15496      .21844      .16388
000028    00   780502PC0500285C2B.M1P04.SOL    19.83795    19.84424    19.78756    19.83617
000029    00   780502PC0500285C2B.M2P04.INS      .19267      .23326      .23013      .25768
000030    00   780502PC0500285C2B.M2P04.SOL    19.80733    19.76674    19.76987    19.74232
000031    00   780502PC0500285C2B.M3P04.INS      .24188      .19206      .26493      .26687
000032    00   780502PC0500285C2B.M3P04.SOL    19.75802    19.80794    19.74507    19.73313
000033    00   780503PC0500285C1B.MOP04.INS      .00000      .11984      .18173      .19253
000034    00   780503PC0500285C1B.MOP04.SOL      .00000    19.88016    19.81827    19.80747
000035    00   780503PC0500285C1B.M1P04.INS      .18488      .09582      .20892      .20513
000036    00   780503PC0500285C1B.M1P04.SOL    19.81100    19.90918    19.79108    19.71487
000037    00   780503PC0500285C1B.M2P04.INS      .17275      .28408      .17351      .12342
000038    00   780503PC0500285C1B.M2P04.SOL    19.82725    19.71592    19.82649    19.87658
000039    00   780503PC0500285C1B.M3P04.INS      .25866      .26042      .27473      .21712
000040    00   780503PC0500285C1B.M3P04.SOL    19.74134    19.73151    19.72527    19.78088
000041    00   780503PC0500285C2B.MOP04.INS      .00000      .28836      .08161      .17669
000042    00   780503PC0500285C2B.MOP04.SOL      .00000    19.71164    19.91839    19.82331
000043    00   780503PC0500285C2B.M1P04.INS      .14543      .11368      .20798      .14945
000044    00   780503PC0500285C2B.M1P04.SOL    19.85457    19.88632    19.79202    19.85055
000045    00   780503PC0500285C2B.M2P04.INS      .11355      .23240      .15413      .14197
000046    00   780503PC0500285C2B.M2P04.SOL    19.88645    19.76760    19.84587    19.85803
000047    00   780503PC0500285C2B.M3P04.INS      .18432      .23424      .23780      .26089
000048    00   780503PC0500285C2B.M3P04.SOL    19.81568    19.76576    19.76220    19.73911
000049    00   780504PC0500285C1B.MOP04.INS      .00000      .23273      .27864      .25488
000050    00   780504PC0500285C1B.MOP04.SOL      .00000    19.76727    19.72136    19.74516
000051    00   780504PC0500285C1B.M1P04.INS      .22668      .19237      .20984      .25829
000052    00   780504PC0500285C1B.M1P04.SOL    19.77332    19.80763    19.79016    19.74171
000053    00   780504PC0500285C1B.M2P04.INS      .24866      .25685      .22206      .18495
000054    00   780504PC0500285C1B.M2P04.SOL    19.75134    19.74115    19.77794    19.81505
000055    00   780504PC0500285C1B.M3P04.INS      .45666      .49298      .42448      .61447
000056    00   780504PC0500285C1B.M3P04.SOL    19.54334    19.50702    19.57511    19.38553
000057    00   780504PC0500285C2B.MOP04.INS      .00000      .21822      .29286      .23755
000058    00   780504PC0500285C2B.MOP04.SOL      .00000    19.78178    19.70714    19.76245
000059    00   780504PC0500285C2B.M1P04.INS      .16589      .17366      .26175      .24378
000060    00   780504PC0500285C2B.M1P04.SOL    19.83411    19.82634    19.73855    19.75324
000061    00   780504PC0500285C2B.M2P04.INS      .27291      .23840      .21504      .29579
000062    00   780504PC0500285C2B.M2P04.SOL    19.72709    19.76160    19.78496    19.70421
000063    00   780504PC0500285C2B.M3P04.INS      .42185      .32798      .52454      .45619
000064    00   780504PC0500285C2B.M3P04.SOL    19.50815    19.67202    19.47546    19.54381
000065    00   780521CC0500285C1B.MOP04.INS      .00000      .21919      .08353      .17199
000066    00   780521CC0500285C1B.MOP04.SOL      .00000    19.78081    19.91647    19.82801
000067    00   780521CC0500285C1B.M1P04.INS      .17691      .17411      .25183      .24480
000068    00   780521CC0500285C1B.M1P04.SOL    19.82309    19.82589    19.74817    19.75520
000069    00   780521CC0500285C1B.M2P04.INS      .03562      .14598      .03464      .03796
000070    00   780521CC0500285C1B.M2P04.SOL    19.91418    19.85402    19.96536    19.96204
000071    00   780521CC0500285C1B.M3P04.INS      .05081      .07493      .05908      .05065
000072    00   780521CC0500285C1B.M3P04.SOL    19.94919    19.92507    19.94092    19.94935
000073    00   780521CC0500285C2B.MOP04.INS      .00000      .04625      .03686      .07216
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0000074	00	780521CC0500285C2B.MOP04.SOL	.00000	19.26375	19.96214	19.92784
0000075	00	780521CC0500285C2B.M3P04.SOL	.03985	.03714	.03218	.03419
0000076	00	780521CC0500285C2B.M1P04.SOL	19.96616	19.96885	19.97022	19.97081
0000077	00	780521CC0500285C2B.M2P04.INS	.08965	.22583	.04006	.06764
0000078	00	780521CC0500285C2B.M2P04.SOL	19.91035	19.77417	19.95994	19.93236
0000079	00	780521CC0500285C2B.M3P04.INS	.03946	.04468	.06127	.03778
0000080	00	780521CC0500285C2B.M3P04.SOL	19.96054	19.95532	19.93873	19.96222
0000081	00	780522CC0500285C1B.MOP04.INS	.00000	.14580	.36171	.36130
0000082	00	780522CC0500285C1B.MOP04.SOL	.00000	.14580	.36171	.36130
0000083	00	780522CC0500285C1B.M1P04.INS	.17280	.23681	.38008	.39768
0000084	00	780522CC0500285C1B.M1P04.SOL	19.82720	19.76317	19.66992	19.69232
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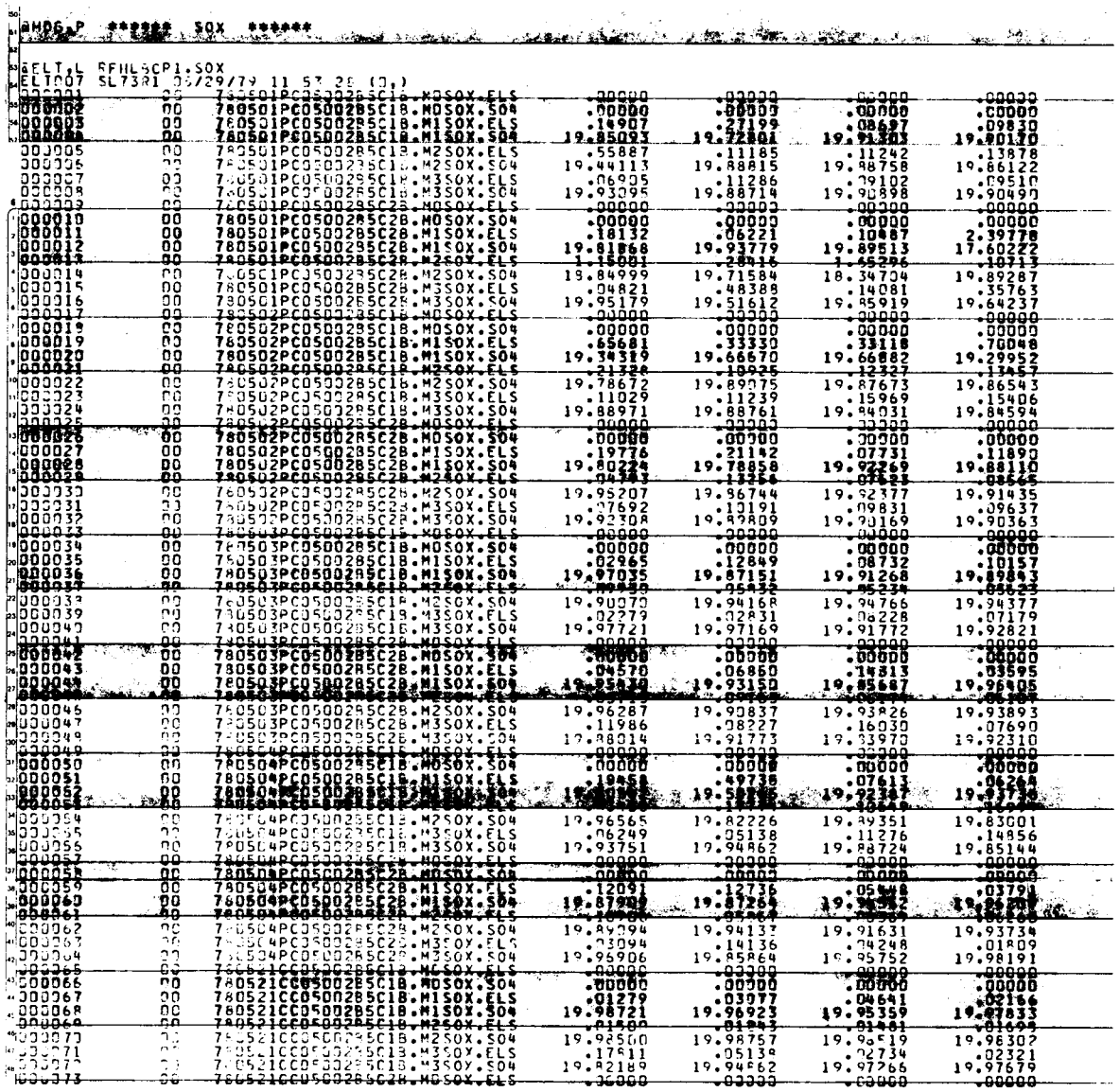

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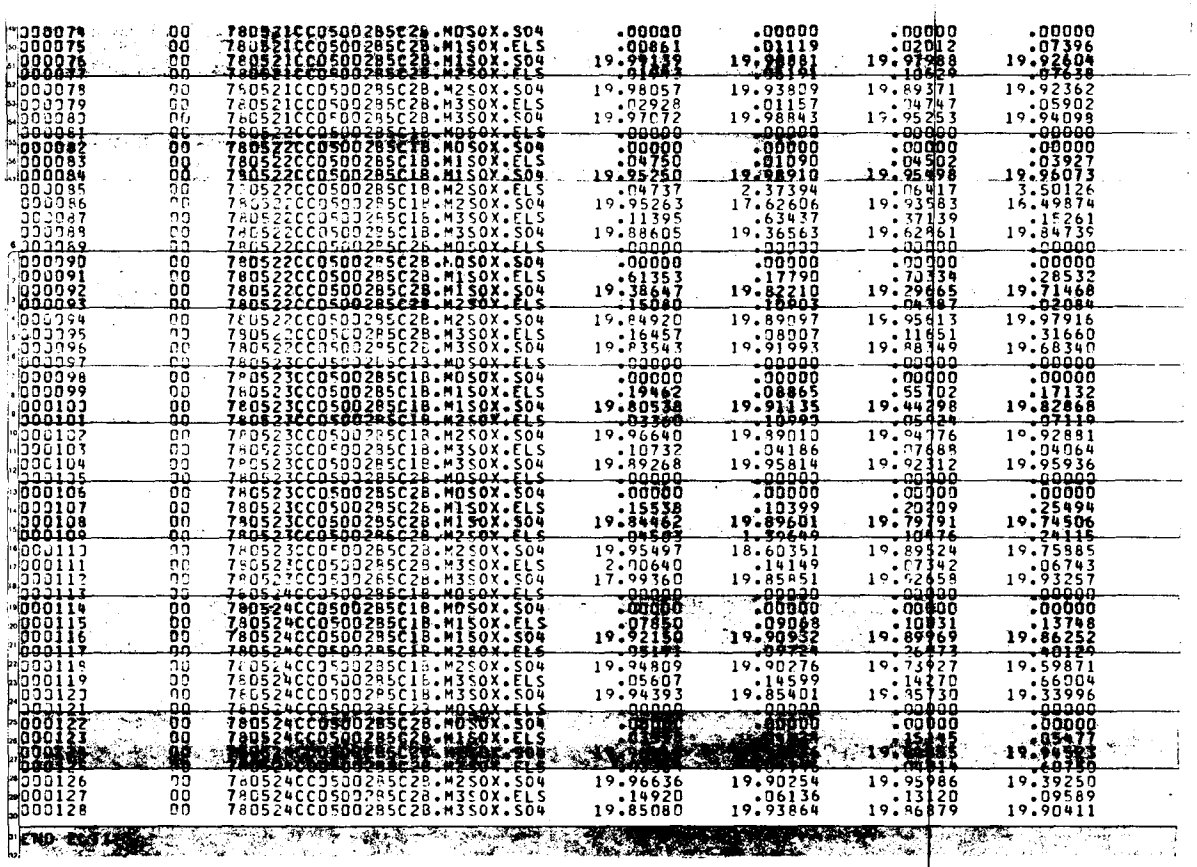

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000103	00	780523CC05002B5C1B.M3S0X.ELS	.10732	.04186	.07688	.04064
000104	00	780523CC05002B5C1B.M3S0X.S04	19.89268	19.95814	19.92312	19.95936
000105	00	780523CC05002B5C2B.M0S0X.ELS	.00000	.00000	.00000	.00000
000106	00	780523CC05002B5C2B.M0S0X.S04	.00000	.00000	.00000	.00000
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000110	00	780523CC05002B5C2B.M2S0X.S04	19.95497	18.60351	19.89524	19.75885
000111	00	780523CC05002B5C2B.M3S0X.ELS	2.00640	.14149	.07342	.06743
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000122	00	780524CC05002B5C2B.M0S0X.S04	.00000	.00000	.00000	.00000
000123	00	780524CC05002B5C2B.M1S0X.ELS	.01971	.05424	.15445	.40477
000124	00	780524CC05002B5C2B.M1S0X.S04	.98029	.94576	.84555	.59523
000125	00	780524CC05002B5C2B.M2S0X.ELS	.03360	.05424	.05714	.40119
000126	00	780524CC05002B5C2B.M2S0X.S04	19.96636	19.90254	19.95986	19.39250
000127	00	780524CC05002B5C2B.M3S0X.ELS	.14920	.06136	.13120	.09589
000128	00	780524CC05002B5C2B.M3S0X.S04	19.85080	19.93864	19.86879	19.90411

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.aHDG,P  ******  SOR  ******

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000011      00   780501PC05002B5C2B.M1SOR.RED      .05771      .05748      .09596      .05885
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000019      00   780502PC05002B5C1B.M1SOR.RED      .02254      .02740      .08183      .00328
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000036      00   780503PC05002B5C1B.M1SOR.S04    19.95161    19.96785    19.95047    19.96165
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000071      00   780521CC05002B5C1B.M3SOR.RED      .02922      .05154      .02361      .02543
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000073      00   780521CC05002B5C24.M0SOR.RED      .00000      .06973      .03679      .04245
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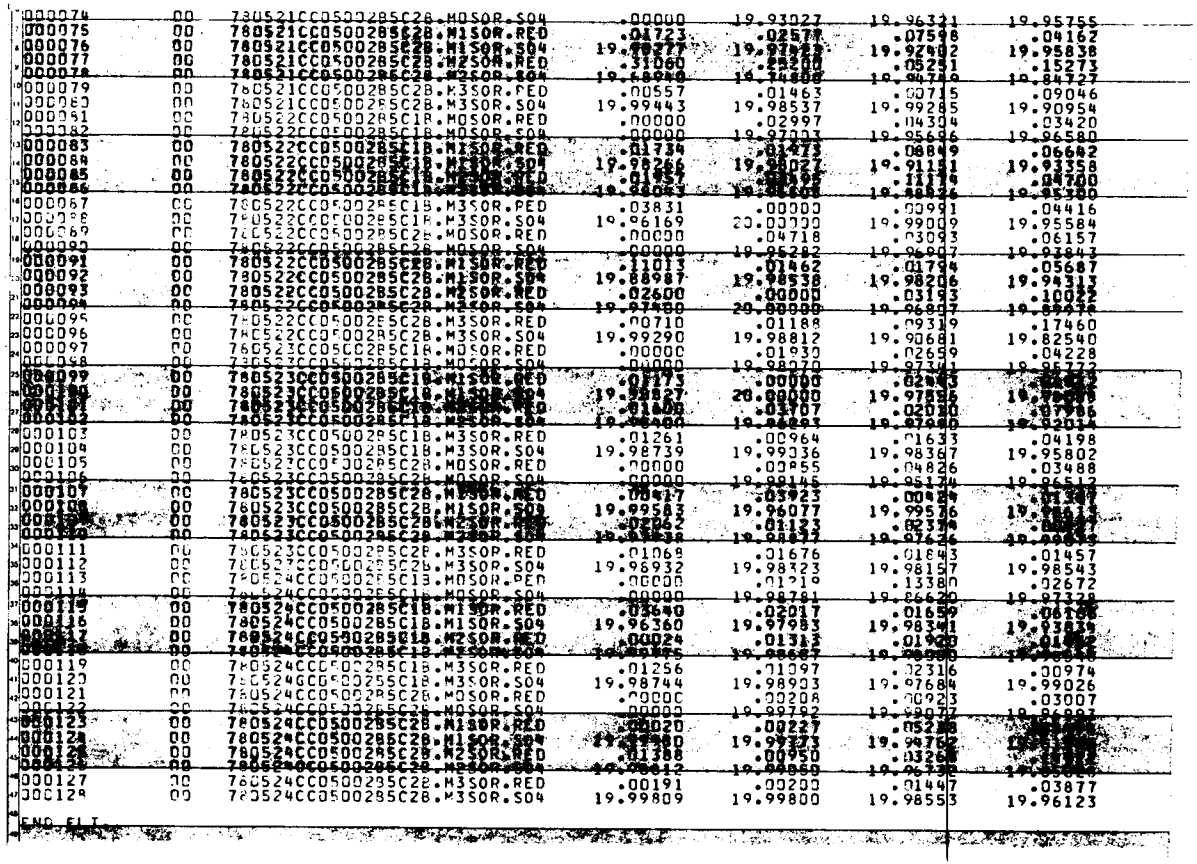

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000077	00	780521CC050028SC2B.M2SOR.RED	.31060	.22200	.05251	.15273
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000079	00	780521CC050028SC2B.M3SOR.RED	.00557	.01463	.00715	.09046
000080	00	780521CC050028SC2B.M3SOR.S04	19.99443	19.98537	19.99285	19.90954
000081	00	780522CC050028SC1B.M0SOR.RED	.00000	.02997	.04304	.03420
000082	00	780522CC050028SC1B.M0SOR.S04	.00000	19.97003	19.95696	19.96580
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000088	00	780522CC050028SC1B.M3SOR.S04	19.96169	20.00000	19.99009	19.95584
000089	00	780522CC050028SC2B.M0SOR.RED	.00000	.04718	.03093	.06157
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000101	00	780523CC050028SC1B.M2SOR.RED	.01408	.01707	.02030	.07706
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000105	00	780523CC050028SC2B.M0SOR.RED	.00000	.00855	.04826	.03488
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000107	00	780523CC050028SC2B.M1SOR.RED	.00417	.03923	.00429	.01343
000108	00	780523CC050028SC2B.M1SOR.S04	19.99583	19.96077	19.99576	19.98657
000109	00	780523CC050028SC2B.M2SOR.RED	.02262	.01123	.02374	.08447
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000111	00	780523CC050028SC2B.M3SOR.RED	.01068	.01676	.01843	.01457
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000115	00	780524CC050028SC1B.M1SOR.RED	.03640	.02017	.01659	.06186
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000126	00	780524CC050028SC2B.M2SOR.S04	19.98612	19.99050	19.96732	19.89837
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$HDG,P ****** CEL ******

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000018  00  780801PC0500285C2B.MOCEL.SOL          .00      2607.51      3273.33      3832.32
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000023  00  780801PC0500285C1B.M1CEL.INS     26666.26     25684.19    144413.00    128479.00
000024  00  780801PC0500285C1B.M1CEL.SOL      2414.44      4209.64     15229.00     13117.00
000025  00  780801PC0500285C1B.M1CEL.CO2      1348.30       155.71       256.47      6026.00
000026  00  780801PC0500285C1B.M1CEL.INS     26666.26     25684.19     26979.97    128479.00
000027  00  780801PC0500285C1B.M1CEL.SOL      2414.44      4209.64      2845.16     13117.00
000028  00  780801PC0500285C1B.M1CEL.CO2      1348.30       155.71       256.47      1796.10
000029  00  780801PC0500285C1B.M1CEL.INS     26666.26     25684.19     26979.97     26109.73
000030  00  780801PC0500285C1B.M1CEL.SOL      2414.44      4209.64      2845.16      2665.66
000031  00  780801PC0500285C2B.M1CEL.CO2       430.70       120.20      2416.00      7252.00
000032  00  780801PC0500285C2B.M1CEL.INS     27109.89    997006.00    119628.00    196742.00
000033  00  780801PC0500285C2B.M1CEL.SOL      2596.46     28576.00     45350.00     17785.00
000034  00  780801PC0500285C2B.M1CEL.CO2       430.70        51.51      2416.00      7252.00
000035  00  780801PC0500285C2B.M1CEL.INS     27109.89     29129.96    119628.00    196742.00
000036  00  780801PC0500285C2B.M1CEL.SOL      2596.46       834.92     45350.00     17785.00
000037  00  780801PC0500285C2B.M1CEL.CO2       430.70        51.51       635.05      7252.00
000038  00  780801PC0500285C2B.M1CEL.INS     27109.89     29129.96     21479.48    196742.00
000039  00  780801PC0500285C2B.M1CEL.SOL      2596.46       834.92      8127.53     17785.00
000040  00  780801PC0500295C2B.M1CEL.CO2       430.70        51.51       635.05      1938.77
000041  00  780801PC0500285C2B.M1CEL.INS     27109.89     29129.96     21479.48     26613.25
000042  00  780801PC0500285C2B.M1CEL.SOL      2596.46       834.92      8127.53      2406.77
000043  00  780801PC0500285C1B.M2CEL.CO2      2022.08       769.00      1404.00      4426.00
000044  00  780801PC0500285C1B.M2CEL.INS     26296.08    117755.00    140142.00    177785.00
000045  00  780801PC0500285C1B.M2CEL.SOL      2335.23     27540.00     11566.00     14494.00
000046  00  780801PC0500285C1B.M2CEL.CO2      2022.08       229.85      4004.00      8926.00
000047  00  780801PC0500285C1B.M2CEL.INS     26286.08     24186.62    140142.00    177785.00
000048  00  780801PC0500285C1B.M2CEL.SOL      2335.23      5656.66     11566.00     14494.00
000049  00  780801PC0500285C1B.M2CEL.CO2      2022.08       229.85      1131.42      8926.00
000050  00  780801PC0500285C1B.M2CEL.INS     26296.08     24186.62     27000.23     17778[illegible]
000051  00  780801PC0500285C1B.M2CEL.SOL      2335.23      5656.66      2228.34      1451.08
000052  00  780801PC0500285C1B.M2CEL.CO2      2022.08       229.85      1131.42      1951.96
000053  00  780801PC0500285C1B.M2CEL.INS     26296.08     24186.62     27000.23     26508.04
000054  00  780801PC0500285C1B.M2CEL.SOL      2335.23      5656.66      2228.34      2161.08
000055  00  780801PC0500285C2B.M2CEL.CO2       894.17       559.08      8893.00      5915.00
000056  00  780801PC0500285C2B.M2CEL.INS     29355.06    147645.00    161788.00    123819.00
000057  00  780801PC0500285C2B.M2CEL.SOL        35.28     31896.00     10346.00     10857.00
000058  00  780801PC0500285C2b.M2CEL.CO2       894.17       139.38      8893.00      5915.00
000059  00  780801PC0500285C2B.M2CEL.INS     29355.06     24595.07    161788.00    123819.00
000060  00  780801PC0500285C2B.M2CEL.SOL        35.28      5313.31     10346.00     10857.00
000061  00  780801PC0500285C2B.M2CEL.CO2       894.17       134.38      2161.51      5915.00
000062  00  780801PC0500285C2B.M2CEL.INS     29355.06     24595.07     26811.69    123819.00
000063  00  780801PC0500285C2B.M2CEL.SOL        35.28      5313.31      1714.55     10857.00
000064  00  780801PC0500285C2B.M2CEL.CO2       894.17       134.38      2161.51      1851.19
000065  00  780801PC0500285C2B.M2CEL.INS     29355.06     24595.07     26811.69     26421.11
000066  00  780801PC0500285C2B.M2CEL.SOL        35.28      5313.31      1714.55      2316.72
000067  00  780801PC0500285C1B.M3CEL.CO2      4635.93      1962.00     15456.00     17326.00
000068  00  780801PC0500285C1B.M3CEL.INS     23923.51    155210.00     71440.00    173416.00
000069  00  780801PC0500285C1B.M3CEL.SOL      2915.63     36416.00      9972.00     11717.00
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000071  00  780801PC0500285C1B.M3CEL.INS     23923.51     24052.63     71440.00    173416.00
000072  00  780801PC0500285C1B.M3CEL.SOL      2915.63      5643.32      9972.00     11717.00
000073  00  780801PC0500285C1B.M3CEL.CO2      4635.93       445.94      7018.23     17326.00
000074  00  780801PC0500285C1B.M3CEL.INS     23923.51     24052.63     22126.32    173416.00
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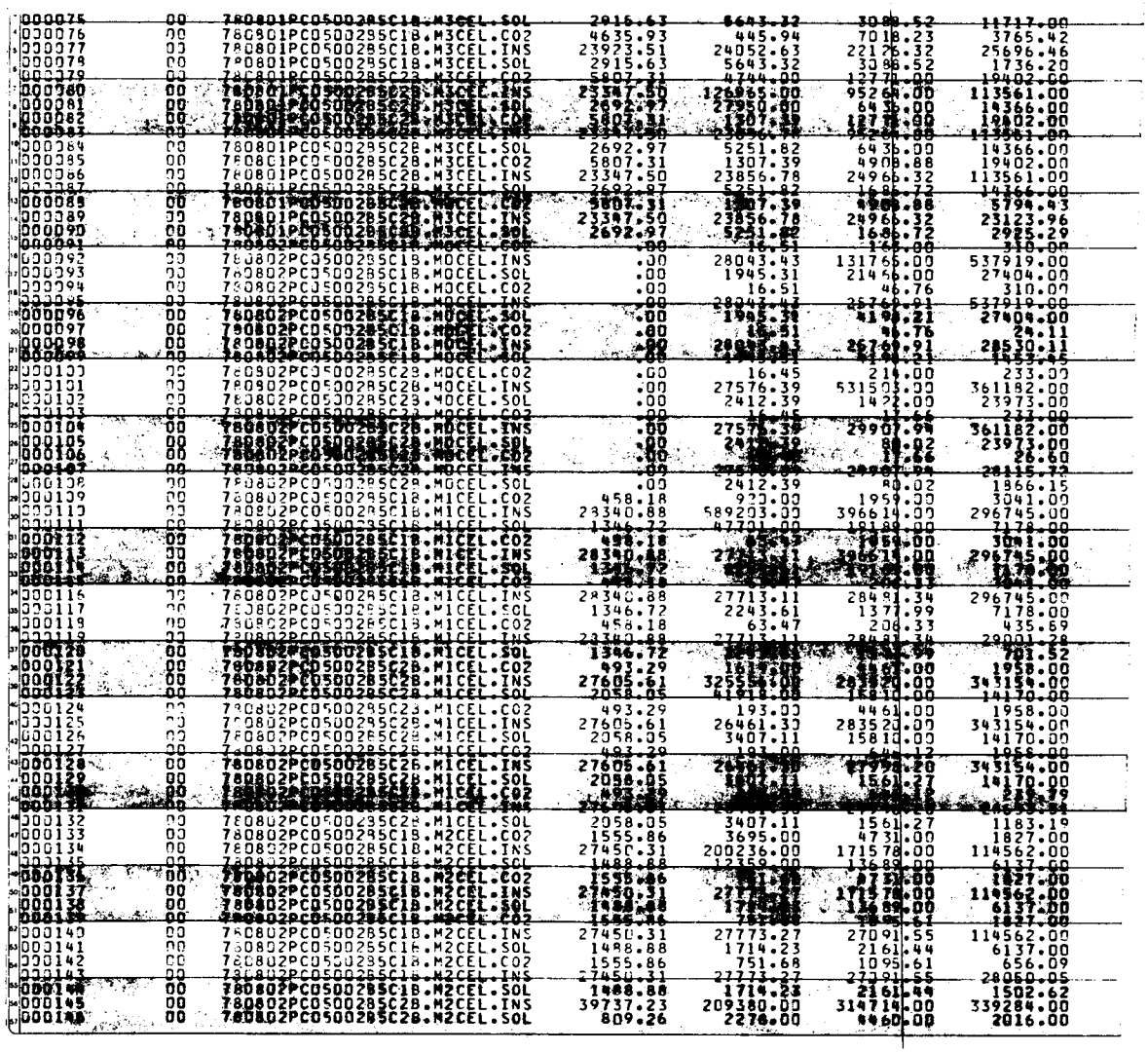

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000076	00	780801PC05002B5C1B.M3CEL.CO2	4635.93	445.94	7018.23	3765.42
000077	00	780801PC05002B5C1B.M3CEL.INS	23973.51	24052.63	22176.32	25696.46
000078	00	780801PC05002B5C1B.M3CEL.SOL	2915.63	5643.32	3088.52	11736.20
000079	00	780801PC05002B5C2B.M3CEL.CO2	5807.31	4744.00	12778.00	19402.00
000080	00	780801PC05002B5C2B.M3CEL.INS	23347.50	126965.00	95268.00	113561.00
000081	00	780801PC05002B5C2B.M3CEL.SOL	2692.97	27950.00	6436.00	14366.00
000082	00	780801PC05002B5C2B.M3CEL.CO2	5807.31	1307.39	12778.00	19402.00
000083	00	780801PC05002B5C2B.M3CEL.INS	23347.50	23856.78	24966.32	113561.00
000084	00	780801PC05002B5C2B.M3CEL.SOL	2692.97	5251.82	6436.00	14366.00
000085	00	780801PC05002B5C2B.M3CEL.CO2	5807.31	1307.39	4908.88	19402.00
000086	00	780801PC05002B5C2B.M3CEL.INS	23347.50	23856.78	24966.32	113561.00
000087	00	780801PC05002B5C2B.M3CEL.SOL	2692.97	5251.82	1686.72	14166.00
000088	00	780801PC05002B5C2B.M3CEL.CO2	5807.31	1307.39	4908.88	5794.43
000089	00	780801PC05002B5C2B.M3CEL.INS	23347.50	23856.78	24966.32	23123.96
000090	00	780801PC05002B5C2B.M3CEL.SOL	2692.97	5251.82	1686.72	2925.29
000091	00	780802PC05002B5C1B.M0CEL.CO2	.00	16.51	146.88	310.00
000092	00	780802PC05002B5C1B.M0CEL.INS	.00	28043.43	131766.00	537919.00
000093	00	780802PC05002B5C1B.M0CEL.SOL	.00	1945.31	21466.00	27404.00
000094	00	780802PC05002B5C1B.M0CEL.CO2	.00	16.51	46.76	310.00
000095	00	780802PC05002B5C1B.M0CEL.INS	.00	28043.43	25760.91	537919.00
000096	00	780802PC05002B5C1B.M0CEL.SOL	.00	1945.31	4198.21	27404.00
000097	00	780802PC05002B5C1B.M0CEL.CO2	.00	16.51	46.76	24.11
000098	00	780802PC05002B5C1B.M0CEL.INS	.00	28043.43	25760.91	28530.11
000099	00	780802PC05002B5C1B.M0CEL.SOL	.00	1945.31	4198.21	1552.45
000100	00	780802PC05002B5C2B.M0CEL.CO2	.00	16.45	216.00	233.00
000101	00	780802PC05002B5C2B.M0CEL.INS	.00	27576.39	531503.00	361182.00
000102	00	780802PC05002B5C2B.M0CEL.SOL	.00	2412.39	1422.00	23973.00
000103	00	780802PC05002B5C2B.M0CEL.CO2	.00	16.45	11.66	231.00
000104	00	780802PC05002B5C2B.M0CEL.INS	.00	27576.39	29907.99	361182.00
000105	00	780802PC05002B5C2B.M0CEL.SOL	.00	2412.39	80.02	23973.00
000106	00	780802PC05002B5C2B.M0CEL.CO2	.00	16.45	11.66	26.60
000107	00	780802PC05002B5C2B.M0CEL.INS	.00	27576.39	29907.99	28115.72
000108	00	780802PC05002B5C2B.M0CEL.SOL	.00	2412.39	80.02	1966.15
000109	00	780802PC05002B5C1B.M1CEL.CO2	458.18	920.00	1959.00	3041.00
000110	00	780802PC05002B5C1B.M1CEL.INS	23340.88	589203.00	396614.00	296745.00
000111	00	780802PC05002B5C1B.M1CEL.SOL	1346.72	4770[illegible]	[illegible]	7178.00
000112	00	780802PC05002B5C1B.M1CEL.CO2	458.18	[illegible]	[illegible]	3041.00
000113	00	780802PC05002B5C1B.M1CEL.INS	23340.88	[illegible]	[illegible]	296745.00
000114	00	780802PC05002B5C1B.M1CEL.SOL	1346.72	[illegible]	[illegible]	7178.00
000115	00	780802PC05002B5C1B.M1CEL.CO2	458.18	[illegible]	[illegible]	3041.00
000116	00	780802PC05002B5C1B.M1CEL.INS	23340.88	27713.11	28491.34	296745.00
000117	00	780802PC05002B5C1B.M1CEL.SOL	1346.72	2243.61	1377.99	7178.00
000118	00	780802PC05002B5C1B.M1CEL.CO2	458.18	63.47	208.33	435.69
000119	00	780802PC05002B5C1B.M1CEL.INS	23340.88	27713.11	28491.34	29001.28
000120	00	780802PC05002B5C1B.M1CEL.SOL	1346.72	[illegible]	[illegible]	701.52
000121	00	780802PC05002B5C2B.M1CEL.CO2	493.29	1617.00	4167.00	1958.00
000122	00	780802PC05002B5C2B.M1CEL.INS	27605.61	325554.00	291370.00	343154.00
000123	00	780802PC05002B5C2B.M1CEL.SOL	2058.05	41918.00	15810.00	14170.00
000124	00	780802PC05002B5C2B.M1CEL.CO2	493.29	193.00	4461.00	1958.00
000125	00	780802PC05002B5C2B.M1CEL.INS	27605.61	26461.30	28352[illegible]	343154.00
000126	00	780802PC05002B5C2B.M1CEL.SOL	2058.05	3407.11	15810.00	14170.00
000127	00	780802PC05002B5C2B.M1CEL.CO2	493.29	193.00	646.12	1958.00
000128	00	780802PC05002B5C2B.M1CEL.INS	27605.61	26461.30	27998.20	343154.00
000129	00	780802PC05002B5C2B.M1CEL.SOL	2058.05	3407.11	1561.27	14170.00
000130	00	780802PC05002B5C2B.M1CEL.CO2	493.29	[illegible]	[illegible]	231.79
000131	00	780802PC05002B5C2B.M1CEL.INS	[illegible]	[illegible]	[illegible]	[illegible]
000132	00	780802PC05002B5C2B.M2CEL.SOL	2058.05	3407.11	1561.27	1183.19
000133	00	780802PC05002B5C1B.M2CEL.CO2	1555.86	3695.00	4731.00	1827.00
000134	00	780802PC05002B5C1B.M2CEL.INS	27450.31	200236.00	171578.00	114562.00
000135	00	780802PC05002B5C1B.M2CEL.SOL	1488.88	12359.00	1368[illegible]	6137.00
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000140	00	780802PC05002B5C1B.M2CEL.INS	27450.31	27773.27	27091.55	114562.00
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000142	00	780802PC05002B5C1B.M2CEL.CO2	1555.86	751.68	1095.61	656.09
000143	00	780802PC05002B5C1B.M2CEL.INS	27450.31	27773.27	27191.55	28050.05
000144	00	780802PC05002B5C1B.M2CEL.SOL	1488.88	1714.23	2161.44	1502.62
000145	00	780802PC05002B5C2B.M2CEL.INS	39737.23	209380.00	314714.00	339284.00
000146	00	780802PC05002B5C2B.M2CEL.SOL	809.26	2276.00	4460.00	2016.00

000147	00	780802PC050028 5C28.M2CEL.SOL	2097.17	41485.00	33089.00	9679.00
000148	00	780802PC050028 5C28.M2CEL.INS	39737.23	36393.34	314714.00	339284.00
000149	00	780802PC050028 5C28.M2CEL.SOL	809.26	269.97	4460.00	2016.00
000150	00	780802PC050028 5C28.M2CEL.SOL	2097.17	4916.39	33089.00	9679.00
000151	00	780802PC050028 5C28.M2CEL.INS	39737.23	36393.34	39309.88	339284.00
000152	00	780802PC050028 5C28.M2CEL.SOL	809.26	269.97	379.83	2016.00
000153	00	780802PC050028 5C28.M2CEL.SOL	2097.17	4916.39	2817.98	9679.00
000154	00	780802PC050028 5C28.M2CEL.INS	39737.23	36393.34	39309.88	42533.87
000155	00	780802PC050028 5C28.M2CEL.SOL	809.26	269.97	379.83	172.32
000156	00	780802PC050028 5C28.M2CEL.SOL	2097.17	4916.39	2817.98	827.31
000157	00	780802PC050028 5C1B.M3CEL.CO2	2875.82	1870.00	17069.00	14295.00
000158	00	780802PC050028 5C1B.M3CEL.INS	25709.94	26912.92	236870.00	197456.00
000159	00	780802PC050028 5C1B.M3CEL.SOL	2329.28	30248.00	19534.00	10038.00
000160	00	780802PC050028 5C1B.M3CEL.CO2	2875.82	263.62	17069.00	14295.00
000161	00	780802PC050028 5C1B.M3CEL.INS	25709.94	26912.92	236870.00	197456.00
000162	00	780802PC050028 5C1B.M3CEL.SOL	2329.28	2907.34	19534.00	10038.00
000163	00	780802PC050028 5C1B.M3CEL.CO2	2875.82	263.62	2746.29	14295.00
000164	00	780802PC050028 5C1B.M3CEL.INS	25709.94	26912.92	25984.65	197456.00
000165	00	780802PC050028 5C1B.M3CEL.SOL	2329.28	2907.34	2142.88	10038.00
000166	00	780802PC050028 5C1B.M3CEL.CO2	2875.82	263.62	2746.29	2835.94
000167	00	780802PC050028 5C1B.M3CEL.INS	25709.94	26912.92	25984.65	26708.63
000168	00	780802PC050028 5C1B.M3CEL.SOL	2329.28	2907.34	2142.88	1357.78
000169	00	780802PC050028 5C26.M3CEL.CO2	1574.86	1841.00	13081.00	16048.00
000170	00	780802PC050028 5C28.M3CEL.INS	27773.99	170375.00	278343.00	412269.00
000171	00	780802PC050028 5C28.M3CEL.SOL	1152.24	41971.99	10301.00	13448.00
000172	00	780802PC050028 5C29.M3CEL.CO2	1574.86	578.19	13081.00	16048.00
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000174	00	780802PC050028 5C26.M3CEL.SOL	1152.24	5878.65	10301.00	13448.00
000175	00	780802PC050028 5C28.M3CEL.CO2	1574.86	378.19	1907.58	16048.00
000176	00	780802PC050028 5C28.M3CEL.INS	27773.99	23863.49	27675.17	412269.00
000177	00	780802PC050028 5C28.M3CEL.SOL	1152.24	5878.65	1024.21	13448.00
000178	00	780802PC050028 5C26.M3CEL.CO2	1574.86	378.19	1907.58	1598.39
000179	00	780802PC050028 5C28.M3CEL.INS	27773.99	23863.49	27675.17	27996.94
000180	00	780802PC050028 5C29.M3CEL.SOL	1152.24	5878.65	1024.21	913.25
000181	00	780803PC050028 5C1B.MOCEL.CO2	.00	31.97	110.00	83.00
000182	00	780803PC050028 5C1B.MOCEL.INS	.00	26865.55	575156.00	194282.00
000183	00	780803PC050028 5C1B.MOCEL.SOL	.00	3112.65	34428.00	37372.00
000184	00	780803PC050028 5C1B.MOCEL.CO2	.00	31.97	7.94	83.00
000185	00	780803PC050028 5C1B.MOCEL.INS	.00	26865.55	28300.56	194282.00
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000187	00	780803PC050028 5C1B.MOCEL.CO2	.00	31.97	7.94	15.76
000188	00	780803PC050028 5C1B.MOCEL.INS	.00	26865.55	28300.56	25151.18
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000191	00	780803PC050028 5C29.MOCEL.INS	.00	26859.92	213296.00	412847.00
000192	00	780803PC050028 5C28.MOCEL.SOL	.00	3125.28	29604.00	34540.00
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000194	00	780803PC050028 5C28.MOCEL.INS	.00	26859.92	26333.27	412847.00
000195	00	780803PC050028 5C28.MOCEL.SOL	.00	3125.28	3654.87	34540.00
000196	00	780803PC050028 5C26.MOCEL.CO2	.00	21.71	17.38	15.24
000197	00	780803PC050028 5C26.MOCEL.INS	.00	26859.92	26333.27	27674.30
000198	00	780803PC050028 5C26.MOCEL.SOL	.00	3125.28	3654.87	2315.31
000199	00	780803PC050028 5C1B.MOCEL.CO2	154.87	1995.00	1489.00	4236.00
000200	00	780803PC050028 5C1B.M1CEL.INS	28198.51	331775.00	402179.00	570626.00
000201	00	780803PC050028 5C1B.M1CEL.SOL	1695.89	38535.00	23058.00	22649.00
000202	00	780803PC050028 5C1B.M1CEL.CO2	154.87	129.72	1489.00	8236.00
000203	00	780803PC050028 5C1B.M1CEL.INS	28198.51	26798.91	402179.00	570626.00
000204	00	780803PC050028 5C1B.M1CEL.SOL	1695.89	3112.64	23058.00	22649.00
000205	00	780803PC050028 5C1B.M1CEL.CO2	154.87	129.72	153.55	4236.00
000206	00	780803PC050028 5C1B.M1CEL.INS	28198.51	26798.91	28274.04	570626.00
000207	00	780803PC050028 5C1B.M1CEL.SOL	1695.89	3112.64	1621.27	22649.00
000208	00	780803PC050028 5C1B.M1CEL.CO2	154.87	129.72	153.55	311.93
000209	00	780803PC050028 5C1B.M1CEL.INS	28198.51	26798.91	28274.04	28650.15
000210	00	780803PC050028 5C1B.M1CEL.SOL	1695.89	3112.64	1621.27	1137.17
000211	00	780803PC050028 5C28.M1CEL.CO2	237.27	1141.99	4476.00	2259.00
000212	00	780803PC050028 5C28.M1CEL.INS	28277.31	979115.00	214555.00	337528.00
000213	00	780803PC050028 5C28.M1CEL.SOL	1560.91	31042.00	19603.00	14000.00
000214	00	780803PC050028 5C28.M1CEL.CO2	237.27	51.38	4476.00	2259.00
000215	00	780803PC050028 5C28.M1CEL.INS	28277.31	29044.15	214555.00	337526.00
000216	00	780803PC050028 5C28.M1CEL.SOL	1560.91	920.82	19603.00	14000.00
000217	00	780803PC050028 5C28.M1CEL.CO2	237.27	51.38	825.30	2259.00
000218	00	780803PC050028 5C28.M1CEL.INS	28277.31	29044.15	26972.90	337528.00
000219	00	780803PC050028 5C28.M1CEL.SOL	1560.91	920.82	2464.48	14000.00
000220	00	780803PC050028 5C28.M1CEL.CO2	237.27	51.38	825.30	280.95
000221	00	780803PC050028 5C28.M1CEL.INS	28277.31	29044.15	26972.90	28621.29
000222	00	780803PC050028 5C28.M1CEL.SOL	1560.91	920.82	2464.48	1167.15

000223	00	78C803PC050028SC1B.M2CEL.CO2	948.32	3257.00	4132.00	2296.00
000224	00	78C803PC050028SC1B.M2CEL.INS	26171.04	194117.00	90390.00	258341.00
000225	00	78C803PC050028SC1B.M2CEL.SOL	3182.38	34081.00	16402.00	12006.00
000226	00	78C803PC050028SC1B.M2CEL.CO2	948.32	619.16	4132.00	2296.00
000227	00	78C803PC050028SC1B.M2CEL.INS	26171.04	25160.44	90390.00	258341.00
000228	00	78C803PC050028SC1B.M2CEL.SOL	3182.38	4417.40	16402.00	12006.00
000229	00	78C803PC050028SC1B.M2CEL.CO2	948.32	619.16	1639.03	2296.00
000230	00	78C803PC050028SC1B.M2CEL.INS	26171.04	25160.44	24446.47	258341.00
000231	00	78C803PC050028SC1B.M2CEL.SOL	3182.38	4417.40	4436.01	12006.00
000232	00	78C803PC050028SC1B.M2CEL.CO2	948.32	619.16	1639.03	370.54
000233	00	78C803PC050028SC1B.M2CEL.INS	26171.04	25160.44	24446.47	28426.29
000234	00	78C803PC050028SC1B.M2CEL.SOL	3182.38	4417.40	4436.01	1321.07
000235	00	78C803PC050028SC2B.M2CEL.CO2	1787.40	2806.20	4222.00	2911.00
000236	00	78C803PC050028SC2B.M2CEL.INS	26216.86	269494.00	244075.00	607387.00
000237	00	78C803PC050028SC2B.M2CEL.SOL	2564.45	33634.00	33468.00	25253.00
000238	00	78C803PC050028SC2B.M2CEL.CO2	1787.40	403.56	4222.00	2911.00
000239	00	78C803PC050028SC2B.M2CEL.INS	26216.86	26426.68	244075.00	607387.00
000240	00	78C803PC050028SC2B.M2CEL.SOL	2564.45	3298.16	33468.00	25253.00
000241	00	78C803PC050028SC2B.M2CEL.CO2	1787.40	403.56	669.30	2911.00
000242	00	78C803PC050028SC2B.M2CEL.INS	26216.86	26426.68	25987.08	607387.00
000243	00	78C803PC050028SC2B.M2CEL.SOL	2564.45	3298.16	3563.40	26263.00
000244	00	78C803PC050028SC2B.M2CEL.CO2	1787.40	403.56	669.30	201.53
000245	00	78C803PC050028SC2B.M2CEL.INS	26216.86	26426.68	25987.08	28670.57
000246	00	78C803PC050028SC2B.M2CEL.SOL	2564.45	3298.16	3563.40	1192.02
000247	00	78C803PC050028SC1B.M3CEL.CO2	1948.74	4202.33	6023.00	9052.00
000248	00	78C803PC050028SC1B.M3CEL.INS	24168.05	217958.00	371826.00	153188.00
000249	00	78C803PC050028SC1B.M3CEL.SOL	4503.26	43854.00	6265.00	48139.00
000250	00	78C803PC050028SC1B.M3CEL.CO2	1948.74	695.03	8073.00	9052.00
000251	00	78C803PC050028SC1B.M3CEL.INS	24168.05	24580.44	371826.00	153188.00
000252	00	78C803PC050028SC1B.M3CEL.SOL	4503.26	4945.68	6265.00	48139.00
000253	00	78C803PC050028SC1B.M3CEL.CO2	1948.74	695.03	922.10	9052.00
000254	00	78C803PC050028SC1B.M3CEL.INS	24168.05	24580.44	28885.37	153188.00
000255	00	78C803PC050028SC1B.M3CEL.SOL	4503.26	4945.68	6265.00	48139.00
000256	00	78C803PC050028SC1B.M3CEL.CO2	1948.74	695.03	922.10	1893.19
000257	00	78C803PC050028SC1B.M3CEL.INS	24168.05	24580.44	28885.37	21844.58
000258	00	78C803PC050028SC1B.M3CEL.SOL	4503.26	4945.68	6265.00	6864.61
000259	00	78C803PC050028SC2B.M3CEL.CO2	2000.94	1427.00	10229.00	10571.00
000260	00	78C803PC050028SC2B.M3CEL.INS	26156.74	228081.00	255032.00	444228.00
000261	00	78C803PC050028SC2B.M3CEL.SOL	2478.98	41894.00	12685.00	13113.00
000262	00	78C803PC050028SC2B.M3CEL.CO2	2000.94	231.35	10229.00	10571.00
000263	00	78C803PC050028SC2B.M3CEL.INS	26156.74	25211.42	255032.00	444228.00
000264	00	78C803PC050028SC2B.M3CEL.SOL	2478.98	4630.84	12685.00	13113.00
000265	00	78C803PC050028SC2B.M3CEL.CO2	2000.94	231.35	1619.18	10571.00
000266	00	78C803PC050028SC2B.M3CEL.INS	26156.74	25211.42	27526.96	444228.00
000267	00	78C803PC050028SC2B.M3CEL.SOL	2478.98	4630.84	1349.05	13113.00
000268	00	78C803PC050028SC2B.M3CEL.CO2	2000.94	231.35	1619.18	994.04
000269	00	78C803PC050028SC2B.M3CEL.INS	26156.74	25211.42	27526.96	28481.51
000270	00	78C803PC050028SC2B.M3CEL.SOL	2478.98	4630.84	1349.05	840.74
000271	00	78C804PC050028SC1B.M0CEL.CO2	.00	16.48	103.00	186.00
000272	00	78C804PC050028SC1B.M0CEL.INS	.00	27412.53	337102.00	355519.00
000273	00	78C804PC050028SC1B.M0CEL.SOL	.00	2576.23	26640.00	23546.00
000274	00	78C804PC050028SC1B.M0CEL.CO2	.00	16.48	12.45	186.00
000275	00	78C804PC050028SC1B.M0CEL.INS	.00	27412.53	27791.91	355519.00
000275	00	78C804PC050028SC1B.M0CEL.SOL	.00	2576.23	2199.60	23546.00
000277	00	78C804PC050028SC1B.M0CEL.CO2	.00	16.48	12.45	21.58
000278	00	78C804PC050028SC1B.M0CEL.INS	.00	27412.53	27791.91	28122.72
000278	00	78C804PC050028SC1B.M0CEL.SOL	.00	2576.23	2199.60	1662.57
000280	00	78C804PC050028SC2B.M0CEL.CO2	.00	20.68	139.00	254.00
000281	00	78C804PC050028SC2B.M0CEL.INS	.00	25543.68	1339.00	335581.00
000282	00	78C804PC050028SC2B.M0CEL.SOL	.00	4442.22	2146.00	49907.00
000283	00	78C804PC050028SC2B.M0CEL.CO2	.00	20.68	37.90	254.00
000284	00	78C804PC050028SC2B.M0CEL.INS	.00	25543.68	25833.97	335581.00
000285	00	78C804PC050028SC2B.M0CEL.SOL	.00	4442.22	4140.19	49907.00
000286	00	78C804PC050028SC2B.M0CEL.CO2	.00	20.68	37.90	28.97
000287	00	78C804PC050028SC2B.M0CEL.INS	.00	25543.68	25833.97	26098.67
000288	00	78C804PC050028SC2B.M0CEL.SOL	.00	4442.22	4140.19	3881.38
000289	00	78C804PC050028SC1B.M1CEL.CO2	533.36	1476.00	2547.00	5698.00
000290	00	78C804PC050028SC1B.M1CEL.INS	27708.90	148743.00	212990.00	181120.00
000291	00	78C804PC050028SC1B.M1CEL.SOL	1927.44	29714.00	18968.00	16455.00
000292	00	78C804PC050028SC1B.M1CEL.CO2	533.36	360.93	2547.00	5698.00
000293	00	78C804PC050028SC1B.M1CEL.INS	27708.90	24799.73	212990.00	181120.00
000294	00	78C804PC050028SC1B.M1CEL.SOL	1927.44	4954.18	18968.00	16455.00
000295	00	78C804PC050028SC1B.M1CEL.CO2	533.36	360.93	477.89	5698.00
000296	00	78C804PC050028SC1B.M1CEL.INS	27708.90	24799.73	27247.61	181120.00
000297	00	78C804PC050028SC1B.M1CEL.SOL	1927.44	4954.18	2426.56	16455.00
000298	00	78C804PC050028SC1B.M1CEL.CO2	533.36	360.93	477.89	1233.38
000299	00	78C804PC050028SC1B.M1CEL.INS	27708.90	24799.73	27247.61	26730.55
000300	00	78C804PC050028SC1B.M1CEL.SOL	1927.44	4954.18	2426.56	2428.51

0000301	00	78C804PCO5002B5C2B.M1CEL.CO2	337.51	951.00	1198.00	6919.00
0000302	00	78C804PCO5002B5C2B.M1CEL.INS	28327.35	169380.00	124307.00	338624.00
0000303	00	78C804PCO5002B5C2B.M1CEL.SOL	1442.53	23746.00	13781.00	28462.00
0000304	00	78D804PCO50C285C2B.M1CEL.CO2	337.51	215.61	1198.00	6919.00
0000305	00	78D804PCO5002B5C2B.M1CEL.INS	28327.35	26182.39	124307.00	338624.00
0000306	00	78C804PCO5002B5C2B.M1CEL.SOL	1442.53	3670.60	13781.00	28462.00
0000307	00	78C804PCO5002B5C2B.M1CEL.CO2	337.51	215.61	378.44	6919.00
0000308	00	78C804PCO5002B5C2B.M1CEL.INS	28327.35	26182.39	26773.76	338624.00
0000309	00	78D804PCO5002B5C2B.M1CEL.SOL	1442.53	3670.60	2968.21	28462.00
0000310	00	78C804PCO5002B5C2B.M1CEL.CO2	337.51	215.61	378.44	813.99
0000311	00	78C804PCO5002B5C2B.M1CEL.INS	28327.35	26182.39	26773.76	27161.99
0000312	00	78D804PCO5002B5C2B.M1CEL.SOL	1442.53	3670.60	2968.21	2283.02
0000313	00	78C804PCO5002B5C1B.M2CEL.CO2	1291.13	2468.00	6102.00	3423.00
0000314	00	78C804PCO5002B5C1B.M2CEL.INS	27798.37	140511.00	199876.00	131063.00
0000315	00	78D804PCO5002B5C1B.M2CEL.SOL	1321.31	20236.00	14285.00	10151.00
0000316	00	78C804PCO5002B5C1B.M2CEL.CO2	1291.13	665.34	6102.00	3423.00
0000317	00	78D804PCO5002B5C1B.M2CEL.INS	27798.37	25827.01	199876.00	131063.00
0000318	00	78D804PCO5002B5C1B.M2CEL.SOL	1321.31	3719.35	14285.00	10151.00
0000319	00	78C804PCO5002B5C1B.M2CEL.CO2	1291.13	665.34	1218.94	3423.00
0000320	00	78C804PCO5002B5C1B.M2CEL.INS	27798.37	25827.01	27223.27	131063.00
0000321	00	78D804PCO5002B5C1B.M2CEL.SOL	1321.31	3719.35	1945.63	10151.00
0000322	00	78D804PCO5002B5C1B.M2CEL.CO2	1291.13	665.34	1218.94	1041.31
0000323	00	78D804PCO5002B5C1B.M2CEL.INS	27798.37	25827.01	27223.27	27194.54
0000324	00	78C804PCO5002B5C1B.M2CEL.SOL	1321.31	3719.35	1945.63	2105.48
0000325	00	78D804PCO5002B5C2B.M2CEL.CO2	767.34	1730.00	2648.00	5219.00
0000326	00	78D804PCO5002B5C2B.M2CEL.INS	27912.02	132090.00	118885.00	104889.00
0000327	00	78D804PCO5002B5C2B.M2CEL.SOL	1564.79	26171.90	10065.00	10304.00
0000328	00	78D804PCO5002B5C2B.M2CEL.CO2	767.34	475.78	2648.00	5219.00
0000329	00	78D804PCO5002B5C2B.M2CEL.INS	27912.02	24766.27	118885.00	104889.00
0000330	00	78D804PCO5002B5C2B.M2CEL.SOL	1564.79	4907.34	10065.00	10304.00
0000331	00	78D804PCO5002B5C2B.M2CEL.CO2	767.34	475.78	845.36	4219.00
0000332	00	78D804PCO5002B5C2B.M2CEL.INS	27912.02	24769.27	27101.86	104889.00
0000333	00	78C804PCO5002B5C2B.M2CEL.SOL	1564.79	4907.34	2294.49	10304.00
0000334	00	78C804PCO5002B5C2B.M2CEL.CO2	767.34	475.78	885.36	1907.09
0000335	00	78C804PCO5002B5C2B.M2CEL.INS	27912.02	24768.27	27101.86	26132.53
0000336	00	78D804PCO5002B5C2B.M2CEL.SOL	1564.79	4907.34	2294.49	2567.19
0000337	00	78D804PCO5002B5C1B.M3CEL.CO2	4897.42	2475.00	15203.00	16534.00
0000338	00	78D804PCO5002B5C1B.M3CEL.INS	24262.12	140807.00	160794.00	181039.00
0000339	00	78D804PCO5002B5C1B.M3CEL.SOL	2398.73	23395.00	13049.00	19334.00
0000340	00	78D804PCO5002B5C1B.M3CEL.CO2	4897.42	653.52	15203.00	16534.00
0000341	00	78D804PCO5002B5C1B.M3CEL.INS	24262.12	25349.77	160794.00	181039.00
0000342	00	78D804PCO5002B5C1B.M3CEL.SOL	2398.73	4204.65	13049.00	19334.00
0000343	00	78D804PCO5002B5C1B.M3CEL.CO2	4897.42	653.52	3539.21	16534.00
0000344	00	78D804PCO5002B5C1B.M3CEL.INS	24262.12	25349.77	25522.05	181039.00
0000345	00	78D804PCO5002B5C1B.M3CEL.SOL	2398.73	4204.65	2064.86	19334.00
0000346	00	78D804PCO5002B5C1B.M3CEL.CO2	4897.42	653.52	3539.21	3353.05
0000347	00	78D804PCO5002B5C1B.M3CEL.INS	24262.12	25349.77	25522.05	28894.18
0000348	00	78D804PCO5002B5C1B.M3CEL.SOL	2398.73	4204.65	2064.86	2674.05
0000349	00	78D804PCO5002B5C2B.M3CEL.CO2	3025.36	2524.00	3567.00	12208.00
0000350	00	78D804PCO5002B5C2B.M3CEL.INS	27903.33	279801.00	119148.00	129141.00
0000351	00	78D804PCO5002B5C2B.M3CEL.SOL	33.92	26414.00	11244.00	15349.00
0000352	00	78D804PCO5002B5C2B.M3CEL.CO2	3025.36	359.71	3567.00	12208.00
0000353	00	78D804PCO5002B5C2B.M3CEL.INS	27903.33	27188.11	119148.00	129141.00
0000354	00	78D804PCO5002B5C2B.M3CEL.SOL	33.92	2566.63	11244.00	15349.00
0000355	00	78D804PCO5002B5C2B.M3CEL.CO2	3025.36	359.71	1176.01	12208.00
0000356	00	78D804PCO5002B5C2B.M3CEL.INS	27903.33	27188.11	26679.11	129141.00
0000357	00	78D804PCO5002B5C2B.M3CEL.SOL	33.92	2566.63	2517.71	15349.00
0000358	00	78D804PCO5002B5C2B.M3CEL.CO2	3025.36	359.71	1178.01	3427.94
0000359	00	78D804PCO5002B5C2B.M3CEL.INS	27903.33	27188.11	26679.11	24724.18
0000360	00	78D804PCO5002B5C2B.M3CEL.SOL	33.92	2566.63	2517.71	2938.58
0000361	00	78DB21CCO5002B5C1B.MOCEL.CO2	.00	22.20	161.00	475.00
0000362	00	78DB21CCO5002B5C1B.MOCEL.INS	.00	27668.59	32484.00	209163.00
0000363	00	78DB21CCO5002B5C1B.MOCEL.SOL	.00	2316.27	5192.00	41686.00
0000364	00	78DB21CCO5002B5C1B.MOCEL.CO2	.00	22.20	16.84	475.00
0000365	00	78DB21CCO5002B5C1B.MOCEL.INS	.00	27668.59	25914.44	209163.00
0000366	00	78DB21CCO5002B5C1B.MOCEL.SOL	.00	2316.27	4072.71	41686.00
0000367	00	78DB21CCO5002B5C1B.MOCEL.CO2	.00	22.20	16.84	83.16
0000368	00	78DB21CCO5002B5C1B.MOCEL.INS	.00	27668.59	25914.44	24967.33
0000369	00	78DB21CCO5002B5C1B.MOCEL.SOL	.00	2316.27	4072.71	4975.97
0000370	00	78DB21CCO5002B5C2B.MOCEL.CO2	.00	16.64	353.00	224.00
0000371	00	78DB21CCO5002B5C2B.MOCEL.INS	.00	27322.20	272640.00	265122.00
0000372	00	78DB21CCO5002B5C2B.MOCEL.SOL	.00	2666.46	40617.00	40126.00
0000373	00	78DB21CCO5002B5C2B.MOCEL.CO2	.00	16.64	49.52	224.00
0000374	00	78DB21CCO5002B5C2B.MOCEL.INS	.00	27322.20	26081.05	265122.00
0000375	00	78DB21CCO5002B5C2B.MOCEL.SOL	.00	2666.46	3885.18	40126.00
0000376	00	78DB21CCO5002B5C2B.MOCEL.CO2	.00	16.64	49.52	32.26
0000377	00	78DB21CCO5002B5C2B.MOCEL.INS	.00	27322.20	26081.05	26037.28
0000378	00	78DB21CCO5002B5C2B.MOCEL.SOL	.00	2666.46	3885.18	3940.72

000378	00	780821CC05002B5C1B.M1CEL.CO2	493.97	416.00	2548.00	5972.00
000380	00	780821CC05002B5C1B.M1CEL.INS	26311.13	116781.00	223167.00	183295.00
000381	00	780821CC05002B5C1B.M1CEL.SOL	3352.07	34112.00	10882.00	16897.00
000382	00	780821CC05002B5C1B.M1CEL.CO2	493.97	120.97	2548.00	5972.00
000383	00	780821CC05002B5C1B.M1CEL.INS	26311.13	23154.14	223167.00	183295.00
000384	00	780821CC05002B5C1B.M1CEL.SOL	3352.07	6763.38	10882.00	16897.00
000385	00	780821CC05002B5C1B.M1CEL.CO2	493.97	120.97	473.85	5972.00
000386	00	780821CC05002B5C1B.M1CEL.INS	26311.13	23154.14	28297.10	183295.00
000387	00	780821CC05002B5C1B.M1CEL.SOL	3352.07	6763.38	1379.81	16897.00
000388	00	780821CC05002B5C1B.M1CEL.CO2	493.97	120.97	473.85	1274.56
000389	00	780821CC05002B5C1B.M1CEL.INS	26311.13	23154.14	28297.10	26672.21
000390	00	780821CC05002B5C1B.M1CEL.SOL	3352.07	6763.38	1379.81	2458.77
000391	00	780821CC05002B5C2B.M1CEL.CO2	701.55	352.00	1287.00	7122.00
000392	00	780821CC05002B5C2B.M1CEL.INS	28759.32	170487.00	185809.00	160506.00
000393	00	780821CC05002B5C2B.M1CEL.SOL	762.35	33348.00	14768.00	12926.00
000394	00	780821CC05002B5C2B.M1CEL.CO2	701.55	75.85	1287.00	7122.00
000395	00	780821CC05002B5C2B.M1CEL.INS	28759.32	25048.66	185809.00	160506.00
000396	00	780821CC05002B5C2B.M1CEL.SOL	762.35	4899.63	14768.00	12926.00
000397	00	780821CC05002B5C2B.M1CEL.CO2	701.55	75.85	280.53	7122.00
000398	00	780821CC05002B5C2B.M1CEL.INS	28759.32	25048.66	27613.99	160506.00
000399	00	780821CC05002B5C2B.M1CEL.SOL	762.35	4899.63	2194.74	12926.00
000400	00	780821CC05002B5C2B.M1CEL.CO2	701.55	75.85	280.53	1735.59
000401	00	780821CC05002B5C2B.M1CEL.INS	28759.32	25048.66	27613.99	26668.92
000402	00	780821CC05002B5C2B.M1CEL.SOL	762.35	4899.63	2194.74	2147.72
000403	00	780821CC05002B5C1B.M2CEL.CO2	518.63	1089.00	2487.00	1365.00
000404	00	780821CC05002B5C1B.M2CEL.INS	27267.80	1500016.00	129777.00	118602.00
000405	00	780821CC05002B5C1B.M2CEL.SOL	2378.59	32276.00	9511.00	10309.00
000406	00	780821CC05002B5C1B.M2CEL.CO2	518.63	474.91	2487.00	1365.00
000407	00	780821CC05002B5C1B.M2CEL.INS	27267.80	24421.83	129777.00	118602.00
000408	00	780821CC05002B5C1B.M2CEL.SOL	2378.59	5254.37	9511.00	10309.00
000409	00	780821CC05002B5C1B.M2CEL.CO2	518.63	474.91	762.69	1365.00
000410	00	780821CC05002B5C1B.M2CEL.INS	27267.80	24421.83	27467.00	118602.00
000411	00	780821CC05002B5C1B.M2CEL.SOL	2378.59	5254.37	2012.98	10309.00
000412	00	780821CC05002B5C1B.M2CEL.CO2	518.63	474.91	762.69	461.02
000413	00	780821CC05002B5C1B.M2CEL.INS	27267.80	24421.83	27467.00	27311.71
000414	00	780821CC05002B5C1B.M2CEL.SOL	2378.59	5254.37	2012.98	2373.96
000415	00	780821CC05002B5C2B.M2CEL.CO2	477.01	4276.30	4077.00	3343.00
000416	00	780821CC05002B5C2B.M2CEL.INS	28208.69	567627.00	177558.00	200836.00
000417	00	780821CC05002B5C2B.M2CEL.SOL	1466.08	71621.00	11571.00	9074.00
000418	00	780821CC05002B5C2B.M2CEL.CO2	477.01	292.37	4077.00	3343.00
000419	00	780821CC05002B5C2B.M2CEL.INS	28208.69	26461.81	177558.00	200836.00
000420	00	780821CC05002B5C2B.M2CEL.SOL	1466.08	3338.85	11571.00	9074.00
000421	00	780821CC05002B5C2B.M2CEL.CO2	477.01	292.37	928.48	3343.00
000422	00	780821CC05002B5C2B.M2CEL.INS	28208.69	26461.81	27570.26	200836.00
000423	00	780821CC05002B5C2B.M2CEL.SOL	1466.08	3338.85	1796.68	9074.00
000424	00	780821CC05002B5C2B.M2CEL.CO2	477.01	292.37	928.48	689.75
000425	00	780821CC05002B5C2B.M2CEL.INS	28208.69	26461.81	27570.26	28263.20
000426	00	780821CC05002B5C2B.M2CEL.SOL	1466.08	3338.85	1796.68	1276.51
000427	00	780821CC05002B5C1B.M3CEL.CO2	4862.77	3340.00	14134.00	20088.00
000428	00	780821CC05002B5C1B.M3CEL.INS	24585.81	129049.00	119358.00	109267.00
000429	00	780821CC05002B5C1B.M3CEL.SOL	2098.66	31533.00	7792.00	7888.00
000430	00	780821CC05002B5C1B.M3CEL.CO2	4862.77	581.32	14134.00	20088.00
000431	00	780821CC05002B5C1B.M3CEL.INS	24585.81	23790.47	119358.00	109267.00
000432	00	780821CC05002B5C1B.M3CEL.SOL	2098.66	5813.18	7792.00	7888.00
000433	00	780821CC05002B5C1B.M3CEL.CO2	4862.77	581.32	4401.74	20088.00
000434	00	780821CC05002B5C1B.M3CEL.INS	24585.81	23790.47	25344.27	109267.00
000435	00	780821CC05002B5C1B.M3CEL.SOL	2098.66	5813.18	1654.54	7888.00
000436	00	780821CC05002B5C1B.M3CEL.CO2	4862.77	581.32	4401.74	6440.20
000437	00	780821CC05002B5C1B.M3CEL.INS	24585.81	23790.47	25344.27	23884.72
000438	00	780821CC05002B5C1B.M3CEL.SOL	2098.66	5813.18	1654.54	1724.24
000439	00	780821CC05002B5C2B.M3CEL.CO2	2870.34	4849.00	15378.00	43379.00
000440	00	780821CC05002B5C2B.M3CEL.INS	27158.46	166457.00	172295.00	307147.00
000441	00	780821CC05002B5C2B.M3CEL.SOL	884.49	32988.00	12999.00	23052.00
000442	00	780821CC05002B5C2B.M3CEL.CO2	2870.34	989.62	15378.00	43379.00
000443	00	780821CC05002B5C2B.M3CEL.INS	27158.46	24474.89	172295.00	307147.00
000444	00	780821CC05002B5C2B.M3CEL.SOL	884.49	4850.37	12999.00	23052.00
000445	00	780821CC05002B5C2B.M3CEL.CO2	2870.34	989.62	3373.34	43379.00
000446	00	780821CC05002B5C2B.M3CEL.INS	27158.46	24474.89	25755.80	307147.00
000447	00	780821CC05002B5C2B.M3CEL.SOL	884.49	4850.37	1944.19	23052.00
000448	00	780821CC05002B5C2B.M3CEL.CO2	2870.34	989.62	3373.34	5139.18
000449	00	780821CC05002B5C2B.M3CEL.INS	27158.46	24474.89	25755.80	24665.29
000450	00	780821CC05002B5C2B.M3CEL.SOL	884.49	4850.37	1944.19	1851.18
000451	00	780822CC05002B5C1B.M0CEL.CO2	.00	142.47	3037.00	1666.00
000452	00	780822CC05002B5C1B.M0CEL.INS	.00	20393.34	219935.00	144202.00
000453	00	780822CC05002B5C2B.M0CEL.CO2	.00	9482.25	229800.00	184200.00
000454	00	780822CC05002B5C1B.M0CEL.CO2	.00	182.47	295.13	3666.00
000455	00	780822CC05002B5C1B.M0CEL.INS	.00	20393.34	14572.67	144202.00
000456	00	780822CC05002B5C2B.M0CEL.CO2	.00	9482.26	15226.23	184200.00

0000457	00	7808822CC05002B5C1B.MOCEL.CO2	.00	1892.47	295.13	485.76
0000458	00	7808822CC05002B5C1B.MOCEL.INS	.00	20113.36	14572.57	13027.63
0000459	00	7808822CC05002B5C2B.MOCEL.CO2	.00	9485.25	1527G.21	10641.17
0000460	00	7808822CC05002B5C2B.MOCEL.INS	.00	29839.49	106166.00	144699.00
0000461	00	7808822CC05002B5C1B.MOCEL.SOL	.00	5261.39	12257.00	20808.00
0000462	00	7808822CC05002B5C2B.MOCEL.SOL	.00	4393.51	7774.00	15786.00
0000463	00	7808822CC05002B5C2B.MOCEL.INS	.00	29839.49	37015.97	144699.00
0000464	00	7808822CC05002B5C1B.MOCEL.SOL	.00	5261.39	2913.78	20808.00
0000465	00	7808822CC05002B5C2B.MOCEL.SOL	.00	4393.51	1848.06	15786.00
0000466	00	7808822CC05002B5C2B.MOCEL.INS	.00	29839.49	37015.97	35118.60
0000467	00	7808822CC05002B5C1B.MOCEL.SOL	.00	5261.39	2913.78	3443.27
0000468	00	7808822CC05002B5C2B.MOCEL.SOL	.00	4393.51	1848.06	2612.24
0000469	00	7808822CC05002B5C1B.M1CEL.CO2	2237.70	3958.30	10574.00	7026.00
0000470	00	7808822CC05002B5C1B.M1CEL.INS	27056.87	232062.00	227067.00	159123.00
0000471	00	7808822CC05002B5C2B.M1CEL.CO2	1417.42	6546.00	10519.00	8671.00
0000472	00	7808822CC05002B5C1B.M1CEL.CO2	2237.70	717.96	10574.00	7026.00
0000473	00	7808822CC05002B5C1B.M1CEL.INS	27056.87	28701.01	227067.00	159123.00
0000474	00	7808822CC05002B5C2B.M1CEL.CO2	1417.42	809.47	10519.00	8671.00
0000475	00	7808822CC05002B5C1B.M1CEL.CO2	2237.70	717.96	1874.82	7026.00
0000476	00	7808822CC05002B5C1B.M1CEL.INS	27056.87	28701.01	27450.07	159123.00
0000477	00	7808822CC05002B5C2B.M1CEL.CO2	1417.42	809.47	1271.64	8671.00
0000478	00	7808822CC05002B5C1B.M1CEL.CO2	2237.70	717.96	1874.82	1768.36
0000479	00	7808822CC05002B5C1B.M1CEL.INS	27056.87	28701.01	27450.07	27306.31
0000480	00	7808822CC05002B5C2B.M1CEL.CO2	1417.42	809.47	1271.64	1487.99
0000481	00	7808822CC05002B5C2B.M1CEL.INS	36587.09	150443.00	130654.00	122609.00
0000482	00	7808822CC05002B5C1B.M1CEL.SOL	2541.59	5379.12	28824.00	15418.00
0000483	00	7808822CC05002B5C2B.M1CEL.SOL	2512.67	4274.16	15532.00	15651.00
0000484	00	7808822CC05002B5C2B.M1CEL.INS	36587.09	29841.86	130654.00	122609.00
0000485	00	7808822CC05002B5C1B.M1CEL.SOL	2541.59	5379.12	28824.00	15418.00
0000486	00	7808822CC05002B5C2B.M1CEL.SOL	2512.67	4274.16	15532.00	15651.00
0000487	00	7808822CC05002B5C2B.M1CEL.INS	36587.09	29841.86	32848.27	122609.00
0000488	00	7808822CC05002B5C1B.M1CEL.SOL	2541.59	5379.12	4940.97	15418.00
0000489	00	7808822CC05002B5C2B.M1CEL.SOL	2512.67	4274.16	2662.48	15651.00
0000490	00	7808822CC05002B5C2B.M1CEL.INS	36587.09	29841.86	32848.27	35104.54
0000491	00	7808822CC05002B5C1B.M1CEL.SOL	2541.59	5379.12	4940.97	3089.80
0000492	00	7808822CC05002B5C2B.M1CEL.SOL	2512.67	4274.16	2662.48	3055.28
0000493	00	7808822CC05002B5C1B.M2CEL.CO2	1841.23	1392.00	1925.00	7384.00
0000494	00	7808822CC05002B5C1B.M2CEL.INS	26806.99	150938.00	151540.00	107375.00
0000495	00	7808822CC05002B5C2B.M2CEL.CO2	1937.63	1232.00	10003.00	5498.00
0000496	00	7808822CC05002B5C1B.M2CEL.CO2	1841.23	398.85	1925.00	7384.00
0000497	00	7808822CC05002B5C1B.M2CEL.INS	26806.99	29487.37	151540.00	107375.00
0000498	00	7808822CC05002B5C2B.M2CEL.CO2	1937.63	240.68	10003.00	5498.00
0000499	00	7808822CC05002B5C1B.M2CEL.CO2	1841.23	398.85	518.14	7384.00
0000500	00	7808822CC05002B5C1B.M2CEL.INS	26806.99	29487.37	27810.95	107375.00
0000501	00	7808822CC05002B5C2B.M2CEL.CO2	1937.63	240.68	1835.77	5498.00
0000502	00	7808822CC05002B5C1B.M2CEL.CO2	1841.23	398.85	518.14	2701.68
0000503	00	7808822CC05002B5C1B.M2CEL.INS	26806.99	29487.37	27810.95	26784.78
0000504	00	7808822CC05002B5C2B.M2CEL.CO2	1937.63	240.68	1835.77	1371.86
0000505	00	7808822CC05002B5C2B.M2CEL.INS	41600.75	111871.00	176497.00	126224.00
0000506	00	7808822CC05002B5C1B.M2CEL.SOL	1290.98	33953.00	12691.00	6598.00
0000507	00	7808822CC05002B5C2B.M2CEL.SOL	344.87	32024.00	22483.00	31809.00
0000508	00	7808822CC05002B5C2B.M2CEL.INS	41600.75	27677.14	176497.00	126224.00
0000509	00	7808822CC05002B5C1B.M2CEL.SOL	1290.98	5727.31	12691.00	6598.00
0000510	00	7808822CC05002B5C2B.M2CEL.SOL	344.87	5401.92	22483.00	31809.00
0000511	00	7808822CC05002B5C2B.M2CEL.INS	41600.75	27677.14	36688.39	126224.00
0000512	00	7808822CC05002B5C1B.M2CEL.SOL	1290.98	5727.31	1798.69	6598.00
0000513	00	7808822CC05002B5C2B.M2CEL.SOL	344.87	5401.92	3186.50	31809.00
0000514	00	7808822CC05002B5C2B.M2CEL.INS	41600.75	27677.14	36688.39	33335.18
0000515	00	7808822CC05002B5C1B.M2CEL.SOL	1290.98	5727.31	1798.69	1502.33
0000516	00	7808822CC05002B5C2B.M2CEL.SOL	344.87	5401.92	3186.50	5796.42
0000517	00	7808822CC05002B5C1B.M3CEL.CO2	4674.51	6375.00	24312.00	19054.00
0000518	00	7808822CC05002B5C1B.M3CEL.INS	21651.75	302298.00	172603.00	407447.00
0000519	00	7808822CC05002B5C1B.M3CEL.SOL	5161.08	33210.00	16279.00	9886.00
0000520	00	7808822CC05002B5C1B.M3CEL.CO2	4674.51	820.46	24312.00	19054.00
0000521	00	7808822CC05002B5C1B.M3CEL.INS	21651.75	26526.44	172603.00	407447.00
0000522	00	7808822CC05002B5C1B.M3CEL.SOL	5161.08	2914.15	16279.00	9886.00
0000523	00	7808822CC05002B5C1B.M3CEL.CO2	4674.51	820.46	5017.63	1921.18
0000524	00	7808822CC05002B5C1B.M3CEL.INS	21651.75	26526.44	24288.16	407447.00
0000525	00	7808823CC05002B5C1B.M3CEL.SOL	5161.08	2914.15	2290.73	9886.00
0000526	00	7808822CC05002B5C1B.M3CEL.CO2	4674.51	820.46	5017.63	1921.18
0000527	00	7808823CC05002B5C1B.M3CEL.INS	21651.75	26526.44	24288.16	28010.48
0000528	00	7808823CC05002B5C1B.M3CEL.SOL	5161.08	2914.15	2290.73	679.63
0000529	00	7808822CC05002B5C2B.M3CEL.CO2	4469.79	2113.00	17782.00	12481.00
0000530	00	7808822CC05002B5C2B.M3CEL.INS	25210.09	125146.00	131233.00	123314.00
0000531	00	7808822CC05002B5C1B.M3CEL.SOL	1742.33	22816.00	13400.00	11872.00
0000532	00	7808822CC05002B5C2B.M3CEL.CO2	4469.79	622.85	17782.00	12481.00
0000533	00	7808822CC05002B5C2B.M3CEL.INS	25210.09	25151.77	131233.00	123314.00
0000534	00	7808822CC05002B5C1B.M3CEL.SOL	1742.33	4423.56	13400.00	11872.00

000535	00	780822CC0500285C2B.M3CEL.CO2	4469.79	622.85	4817.34	12481.00
000536	00	780822CC0500285C2B.M3CEL.INS	25210.09	25151.77	24240.31	123314.00
000537	00	780822CC0500295C1B.M3CEL.SOL	1742.33	4423.56	2475.14	11872.00
000538	00	780822CC0500285C2B.M3CEL.CO2	4469.79	622.85	4817.34	3718.94
000539	00	780822CC0500285C2B.M3CEL.INS	25210.09	25151.77	24240.31	25052.45
000540	00	780822CC0500295C1B.M3CEL.SOL	1742.33	4423.56	2475.14	2411.91
000541	00	780822CC0500295C2B.M3CEL.SOL	44000.00	13028.30	9471.00	8713.00
000542	00	780823CC0500285C1B.M0CEL.CO2	.00	297.00	143.00	112.00
000543	00	780823CC0500285C1B.M0CEL.INS	.00	105763.00	318457.00	393764.00
000544	00	780822CC0500285C2B.M3CEL.SOL	44000.00	4813.52	9471.00	8713.00
000545	00	780823CC0500285C1B.M0CEL.CO2	.00	74.82	143.00	112.00
000546	00	780823CC0500285C1B.M0CEL.INS	.00	26643.24	318457.00	393764.00
000547	00	780822CC0500285C2B.M3CEL.SOL	44000.00	4813.52	1270.23	9713.00
000548	00	780823CC0500295C1B.M0CEL.CO2	.00	74.82	13.08	112.00
000549	00	780823CC0500285C1B.M0CEL.INS	.00	26643.24	29120.86	393764.00
000550	00	780822CC0500285C2B.M3CEL.SOL	44000.00	4813.52	1270.23	952.27
000551	00	780823CC0500285C1B.M0CEL.CO2	.00	74.82	13.08	8.35
000552	00	780823CC0500285C1B.M0CEL.INS	.00	26643.24	29120.86	29342.38
000553	00	780823CC0500285C1B.M0CEL.SOL	.00	3227.00	30601.00	34106.00
000554	00	780823CC0500285C2B.M0CEL.CO2	.00	9.78	99.00	248.00
000555	00	780823CC0500285C2B.M0CEL.INS	.00	27789.99	281141.00	304116.00
000556	00	780823CC0500295C1B.M0CEL.SOL	.00	3227.00	5807.62	34106.00
000557	00	780823CC0500235C2B.M0CEL.CO2	.00	9.78	12.81	248.00
000558	00	780823CC0500285C2B.M0CEL.INS	.00	27789.99	26027.45	304116.00
000559	00	780823CC0500285C1B.M0CEL.SOL	.00	3227.00	5807.62	4431.67
000560	00	780823CC0500285C2B.M0CEL.CO2	.00	9.78	12.81	21.98
000561	00	780823CC0500285C2B.M0CEL.INS	.00	27789.99	26027.45	26955.06
000562	00	780823CC0500285C2B.M0CEL.SOL	.00	27789.99	26027.45	32349.00
000563	00	780823CC0500285C1B.M1CEL.CO2	81.15	86.58	2217.00	1682.00
000564	00	780823CC0500285C1B.M1CEL.INS	29918.85	187114.00	153913.00	177312.00
000565	00	780823CC0500285C2B.M0CEL.SOL	.00	5609.28	27195.00	32349.00
000566	00	780823CC0500295C1B.M1CEL.CO2	81.15	86.58	2217.00	1682.00
000567	00	780823CC0500285C1B.M1CEL.INS	29918.85	26088.91	153913.00	177312.00
000568	00	780823CC0500285C2B.M0CEL.SOL	.00	5609.28	6527.10	32349.00
000569	00	780823CC0500285C1B.M1CEL.CO2	81.15	86.58	362.80	1682.00
000570	00	780823CC0500285C1B.M1CEL.INS	29918.85	26088.91	25196.91	177312.00
000571	00	780823CC0500285C2B.M0CEL.SOL	.00	5609.28	6527.10	32349.00
000572	00	780823CC0500285C1B.M1CEL.CO2	81.15	86.58	362.80	238.76
000573	00	780823CC0500285C1B.M1CEL.INS	29918.85	26088.91	25196.91	25169.32
000574	00	780823CC0500285C1B.M1CEL.SOL	6541.43	28698.30	16486.00	12766.00
000575	00	780823CC0500285C2B.M1CEL.CO2	284.45	444.30	1994.00	3040.00
000576	00	780823CC0500285C2B.M1CEL.INS	25255.48	149068.00	109554.00	114375.00
000577	00	780823CC0500285C1B.M1CEL.SOL	6541.43	7085.53	16486.00	12766.00
000578	00	780823CC0500285C2B.M1CEL.CO2	284.45	74.74	1994.00	3040.00
000579	00	780823CC0500285C2B.M1CEL.INS	25255.48	25094.21	109554.00	114375.00
000580	00	780823CC0500295C1B.M1CEL.SOL	6541.43	7085.53	5579.01	12766.00
000581	00	780823CC0500235C2B.M1CEL.CO2	284.45	74.74	921.44	3040.00
000582	00	780823CC0500285C2B.M1CEL.INS	25255.48	25094.21	25274.69	114375.00
000583	00	780823CC0500285C1B.M1CEL.SOL	6541.43	7085.53	5579.01	4318.78
000584	00	780823CC0500285C2B.M1CEL.CO2	284.45	74.74	921.44	709.86
000585	00	780823CC0500285C2B.M1CEL.INS	25255.48	25094.21	25274.69	26367.53
000586	00	780823CC0500285C2B.M1CEL.SOL	3135.95	5413.25	16979.00	14169.00
000587	00	780823CC0500285C1B.M2CEL.CO2	1175.49	316.43	2773.00	3077.00
000588	00	780823CC0500285C1B.M2CEL.INS	26686.36	159195.00	184470.00	146166.00
000589	00	780823CC0500295C2B.M1CEL.SOL	3135.95	5413.25	16979.00	14169.00
000590	00	780823CC0500285C1B.M2CEL.CO2	1175.49	316.43	2773.00	3077.00
000591	00	780823CC0500285C1B.M2CEL.INS	26686.36	25992.72	184470.00	146166.00
000592	00	780823CC0500285C2B.M1CEL.SOL	3135.95	5413.25	16979.00	14169.00
000593	00	780823CC0500285C1B.M2CEL.CO2	1175.49	316.43	407.35	3077.00
000594	00	780823CC0500285C1B.M2CEL.INS	26686.36	25992.72	27098.45	146166.00
000595	00	780823CC0500285C2B.M1CEL.SOL	3135.95	5413.25	16979.00	3077.00
000596	00	780823CC0500285C1B.M2CEL.CO2	1175.49	316.43	407.35	564.69
000597	00	780823CC0500285C1B.M2CEL.INS	26686.36	25992.72	27098.45	26833.89
000598	00	780823CC0500285C1B.M2CEL.SOL	6062.04	35320.00	17763.00	21762.00
000599	00	780823CC0500285C2B.M2CEL.CO2	1192.88	97.00	3476.00	1682.00
000600	00	780823CC0500285C2B.M2CEL.INS	24673.91	149219.00	106997.00	138240.00
000601	00	780823CC0500295C1B.M2CEL.SOL	6062.04	8416.99	17763.00	21762.00
000602	00	780823CC0500285C2B.M2CEL.CO2	1192.88	15.76	3476.00	1682.00
000603	00	780823CC0500285C2B.M2CEL.INS	24673.91	24245.38	106997.00	138240.00
000604	00	780823CC0500285C1B.M2CEL.SOL	6062.04	8416.99	6094.79	21762.00
000605	00	780823CC0500295C2B.M2CEL.CO2	1192.88	15.76	813.19	1682.00
000606	00	780823CC0500285C2B.M2CEL.INS	24673.91	24245.38	25031.27	138240.00
000607	00	780823CC0500285C1B.M2CEL.SOL	6062.04	8416.99	6094.79	5922.22
000608	00	780823CC0500285C2B.M2CEL.CO2	1192.88	15.76	813.19	312.09
000609	00	780823CC0500285C2B.M2CEL.INS	24673.91	24245.38	25031.27	25660.03
000610	00	780823CC0500285C2B.M2CEL.SOL	5641.71	8403.08	6179.00	14857.00
000611	00	780823CC0500285C1B.M1CEL.CO2	284.45	444.30	1994.00	10063.00
000612	00	780823CC0500285C1B.M3CEL.INS	24074.12	94752.00	146850.00	77926.00

000613	00	780823CC05002B5C2B.M2CEL.SOL	5645.15	11708.29	11794.00	14057.00
000614	00	780823CC05002B5C1B.M3CEL.CO2	2076.91	407.55	10528.00	10663.00
000615	00	780823CC05002B5C1B.M3CEL.INS	24074.12	21609.52	146850.00	77926.00
000616	00	780823CC05002B5C2B.M2CEL.SOL	5645.15	11708.29	3067.51	14087.00
000617	00	780823CC05002B5C1B.M3CEL.CO2	2076.91	407.55	1866.98	10663.00
000618	00	780823CC05002B5C1B.M3CEL.INS	24074.12	21609.52	26841.54	77926.00
000619	00	780823CC05002B5C2B.M2CEL.SOL	5645.15	11708.29	3067.51	6026.64
000620	00	780823CC05002B5C1B.M3CEL.CO2	2076.91	407.55	1866.98	3116.44
000621	00	780823CC05002B5C1B.M3CEL.INS	24074.12	21609.52	26041.54	22775.17
000622	00	780823CC05002B5C2B.M3CEL.CO2	2101.66	2265.00	15846.00	17710.00
000623	00	780823CC05002B5C2B.M3CEL.INS	26375.53	271555.00	169081.00	189781.00
000624	00	780823CC05002B5C2B.M3CEL.SOL	2191.52	34359.00	16759.00	18548.00
000625	00	780823CC05002B5C2B.M3CEL.CO2	2101.66	323.38	15846.00	17710.00
000626	00	780823CC05002B5C2B.M3CEL.INS	26375.53	26434.80	169081.00	189781.00
000627	00	780823CC05002B5C2B.M3CEL.SOL	2191.52	3344.71	16759.00	18548.00
000628	00	780823CC05002B5C2B.M3CEL.CO2	2101.66	323.38	3456.98	17710.00
000629	00	780823CC05002B5C2B.M3CEL.INS	26375.53	26434.80	25150.13	189781.00
000630	00	780823CC05002B5C2B.M3CEL.SOL	2191.52	3344.71	2492.84	18548.00
000631	00	780823CC05002B5C2B.M3CEL.CO2	2101.66	323.38	3456.98	3447.37
000632	00	780823CC05002B5C2B.M3CEL.INS	26375.53	26434.80	25150.13	25107.62
000633	00	780823CC05002B5C2B.M3CEL.SOL	2191.52	3344.71	2492.84	2461.70
000634	00	780824CC05002B5C1B.M0CEL.CO2	.00	253.22	476.36	3759.00
000635	00	780824CC05002B5C1B.M0CEL.INS	.00	25733.69	26827.27	234450.00
000636	00	780824CC05002B5C1B.M0CEL.SOL	.00	4093.66	25350.00	41460.00
000637	00	780824CC05002B5C1B.M0CEL.CO2	.00	253.22	476.36	3759.00
000638	00	780824CC05002B5C1B.M0CEL.INS	.00	25733.69	26827.27	234450.00
000639	00	780824CC05002B5C1B.M0CEL.SOL	.00	4093.66	2847.94	41460.00
000640	00	780824CC05002B5C1B.M0CEL.CO2	.00	253.22	476.36	591.40
000641	00	780824CC05002B5C1B.M0CEL.INS	.00	25733.69	26827.27	25149.37
000642	00	780824CC05002B5C1B.M0CEL.SOL	.00	4093.66	2847.94	4447.40
000643	00	780824CC05002B5C2B.M0CEL.CO2	.00	184.33	1243.00	1639.00
000644	00	780824CC05002B5C2B.M0CEL.INS	.00	29664.56	232853.00	42530.00
000645	00	780824CC05002B5C2B.M0CEL.SOL	.00	209.76	33919.00	7856.00
000646	00	780824CC05002B5C2B.M0CEL.CO2	.00	184.33	210.60	1639.00
000647	00	780824CC05002B5C2B.M0CEL.INS	.00	29664.56	26060.29	42530.00
000648	00	780824CC05002B5C2B.M0CEL.SOL	.00	209.76	3796.12	7856.00
000649	00	780824CC05002B5C2B.M0CEL.CO2	.00	184.33	210.60	1386.18
000650	00	780824CC05002B5C2B.M0CEL.INS2	.00	29664.56	26060.29	25629.75
000651	00	780824CC05002B5C2B.M0CEL.SOL	.00	209.76	3796.12	4439.13
000652	00	780824CC05002B5C1B.M1CEL.CO2	1695.77	975.00	6022.00	8769.00
000653	00	780824CC05002B5C1B.M1CEL.INS	27613.40	99825.00	236375.00	137554.00
000654	00	780824CC05002B5C1B.M1CEL.SOL	1230.39	26513.00	16295.00	4652.00
000655	00	780824CC05002B5C1B.M1CEL.CO2	1695.77	336.96	6022.00	8769.00
000656	00	780824CC05002B5C1B.M1CEL.INS	27613.40	23522.74	236375.00	137554.00
000657	00	780824CC05002B5C1B.M1CEL.SOL	1230.39	6247.52	1689.70	4652.00
000658	00	780824CC05002B5C1B.M1CEL.CO2	1695.77	336.96	1024.26	2555.63
000659	00	780824CC05002B5C1B.M1CEL.INS	27613.40	23522.74	27411.94	27333.13
000660	00	780824CC05002B5C1B.M1CEL.SOL	1230.39	6247.52	1689.70	4652.00
000661	00	780824CC05002B5C2B.M1CEL.CO2	1695.77	336.96	1024.26	2555.63
000662	00	780824CC05002B5C2B.M1CEL.INS	27613.40	23522.74	27411.94	27333.13
000663	00	780824CC05002B5C2B.M1CEL.SOL	1230.39	6247.52	1689.70	4652.00
000664	00	780824CC05002B5C2B.M1CEL.CO2	1181.90	3254.00	9668.00	5688.00
000665	00	780824CC05002B5C2B.M1CEL.INS	24361.49	102829.00	140938.00	166206.00
000666	00	780824CC05002B5C2B.M1CEL.SOL	4832.67	29479.00	31393.00	26300.00
000667	00	780824CC05002B5C2B.M1CEL.CO2	1181.90	1054.61	9668.00	5688.00
000668	00	780824CC05002B5C2B.M1CEL.INS	24361.49	22722.63	140938.00	166206.00
000669	00	780824CC05002B5C2B.M1CEL.SOL	4832.67	6558.32	31393.00	26300.00
000670	00	780824CC05002B5C2B.M1CEL.CO2	1181.90	1054.61	2337.33	5688.00
000671	00	780824CC05002B5C2B.M1CEL.INS	24361.49	22722.63	23231.67	166206.00
000672	00	780824CC05002B5C2B.M1CEL.SOL	4832.67	6558.32	5174.70	26300.00
000673	00	780824CC05002B5C2B.M1CEL.CO2	1181.90	1054.61	2337.33	1262.76
000674	00	780824CC05002B5C2B.M1CEL.INS	24361.49	22722.63	23231.67	25158.08
000675	00	780824CC05002B5C2B.M1CEL.SOL	4832.67	6558.32	5174.70	3480.95
000676	00	780824CC05002B5C1B.M2CEL.CO2	1703.86	1515.00	7332.00	10854.00
000677	00	780824CC05002B5C1B.M2CEL.INS	27051.23	113358.00	170336.00	136321.00
000678	00	780824CC05002B5C1B.M2CEL.SOL	1787.04	18332.00	1256.00	19341.00
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000680	00	780824CC05002B5C1B.M2CEL.INS	27051.23	25530.12	170336.00	136321.00
000681	00	780824CC05002B5C1B.M2CEL.SOL	1787.04	4128.67	1256.00	19341.00
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000683	00	780824CC05002B5C1B.M2CEL.INS	27051.23	25530.12	24560.06	136321.00
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000686	00	780824CC05002B5C1B.M2CEL.INS	27051.23	25530.12	24560.06	24559.98
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000688	00	780824CC05002B5C2B.M2CEL.CO2	1791.37	1437.00	7572.00	8697.00
000689	00	780824CC05002B5C2B.M2CEL.INS	26004.20	136209.00	179799.00	136084.00
000690	00	780824CC05002B5C2B.M2CEL.SOL	2774.41	26006.00	14411.00	10326.00

000691	00	78D824CCD5002B5C2B.M2CEL.CO2	1791.37	385.41	7572.00	8697.00
000692	00	78D824CCD5002B5C2B.M2CEL.INS	26004.20	24908.38	179799.00	136084.00
000693	00	78D824CCD5002B5C2B.M2CEL.SOL	2774.41	4828.83	14411.00	10326.00
000694	00	78D824CCD5002B5C2B.M2CEL.CO2	1791.37	385.41	1651.13	8697.00
000695	00	78D824CCD5002B5C2B.M2CEL.INS	26004.20	24908.38	26731.67	136084.00
000696	00	78D824CCD5002B5C2B.M2CEL.SOL	2774.41	4828.83	2142.56	10326.00
000697	00	78D824CCD5002B5C2B.M2CEL.CO2	1791.37	385.41	1651.13	2467.12
000698	00	78D824CCD5002B5C2B.M2CEL.INS	26004.20	24908.38	26731.67	26320.67
000699	00	78D824CCD5002B5C2B.M2CEL.SOL	2774.41	4828.83	2142.56	1997.20
000700	00	78D824CCD5002B5C1B.M3CEL.CO2	615.99	1028.00	9470.00	13403.00
000701	00	78D824CCD5002B5C1B.M3CEL.INS	27811.05	126665.00	177122.00	132796.00
000702	00	78D824CCD5002B5C1B.M3CEL.SOL	1768.96	6015.00	13112.00	14900.00
000703	00	78D824CCD5002B5C1B.M3CEL.CO2	615.99	338.29	9470.00	13403.00
000704	00	78D824CCD5002B5C1B.M3CEL.INS	27811.05	28419.77	177122.00	132796.00
000705	00	78D824CCD5002B5C1B.M3CEL.SOL	1768.96	1349.58	13112.00	14900.00
000706	00	78D824CCD5002B5C1B.M3CEL.CO2	615.99	338.29	2086.49	13403.00
000707	00	78D824CCD5002B5C1B.M3CEL.INS	27811.05	28419.77	26607.68	132796.00
000708	00	78D824CCD5002B5C1B.M3CEL.SOL	1768.96	1349.58	1969.72	14900.00
000709	00	78D824CCD5002B5C1B.M3CEL.CO2	615.99	338.29	2086.49	7660.68
000710	00	78D824CCD5002B5C1B.M3CEL.INS	27811.05	28419.77	26607.68	24729.39
000711	00	78D824CCD5002B5C1B.M3CEL.SOL	1768.96	1349.58	1969.72	2774.69
000712	00	78D824CCD5002B5C2B.M3CEL.CO2	2897.79	1122.00	5260.00	10043.00
000713	00	78D824CCD5002B5C2B.M3CEL.INS	25025.51	132400.00	96764.00	142689.00
000714	00	78D824CCD5002B5C2B.M3CEL.SOL	2998.72	38073.00	6464.00	4772.00
000715	00	78D824CCD5002B5C2B.M3CEL.CO2	2897.79	287.70	5260.00	10043.00
000716	00	78D824CCD5002B5C2B.M3CEL.INS	25025.51	23147.53	96764.00	142689.00
000717	00	78D824CCD5002B5C2B.M3CEL.SOL	2998.72	6656.31	6464.00	4772.00
000718	00	78D824CCD5002B5C2B.M3CEL.CO2	2897.79	287.70	2133.32	10043.00
000719	00	78D824CCD5002B5C2B.M3CEL.INS	25025.51	23147.53	26757.98	142689.00
000720	00	78D824CCD5002B5C2B.M3CEL.SOL	2998.72	6656.31	1787.48	4772.00
000721	00	78D824CCD5002B5C2B.M3CEL.CO2	2897.79	287.70	2133.32	2805.59
000722	00	78D824CCD5002B5C2B.M3CEL.INS	25025.51	23147.53	26757.98	27178.17
000723	00	78D824CCD5002B5C2B.M3CEL.SOL	2998.72	6656.31	1787.48	708.33

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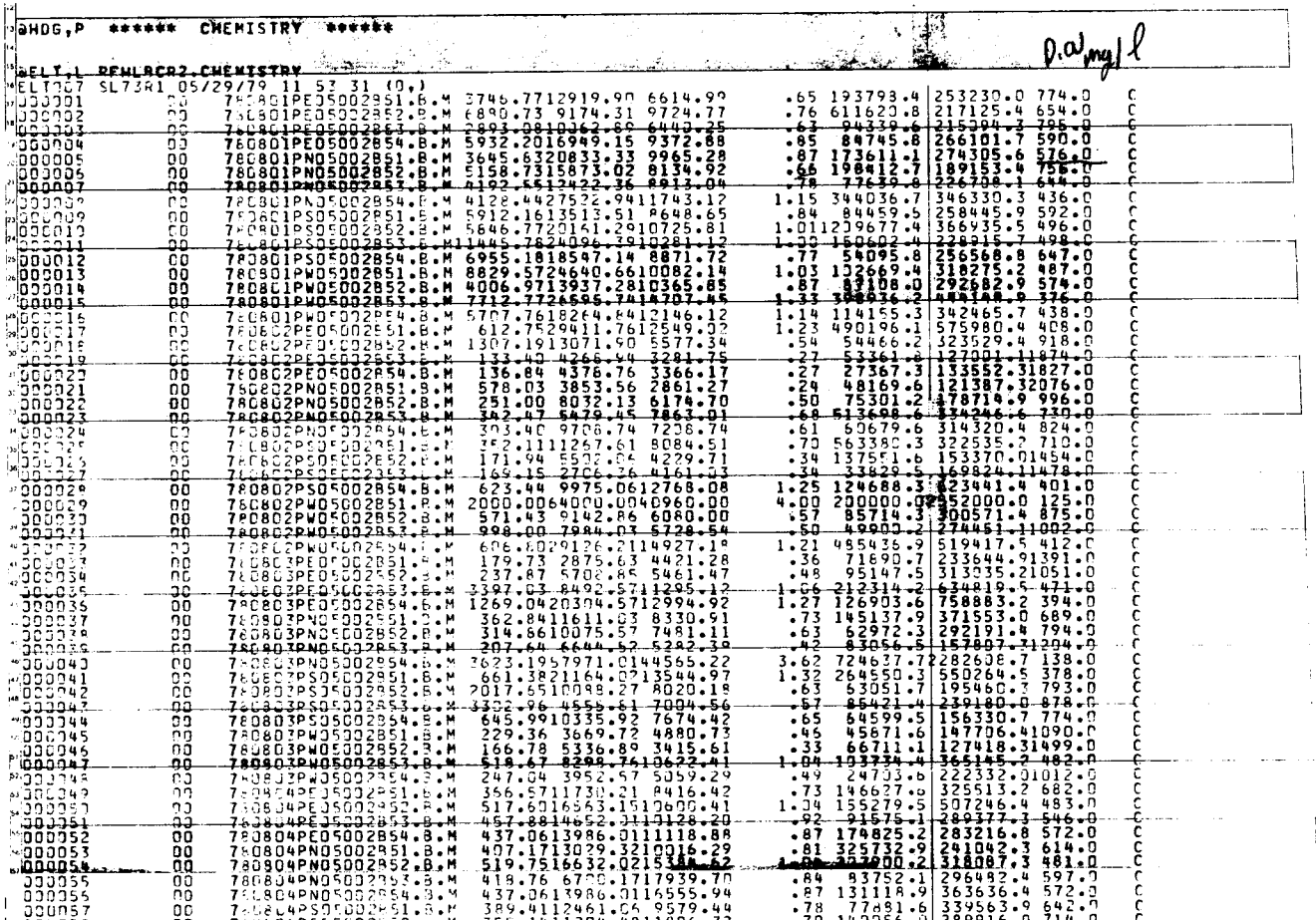

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000005	00	780801PND5002851.B.M	3645.6320833.33	9965.28	.87	173611.1	274305.6	576.0	C	
000006	00	780801PND5002852.B.M	5158.7315873.02	8134.92	.66	198812.7	189153.4	756.0	C	
000007	00	780801PND5002853.B.M	4192.5512422.36	8913.04	.78	77639.8	226708.1	644.0	C	
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000009	00	780801PSD5002851.B.M	5912.1613513.51	8648.65	.84	84459.5	258445.9	502.0	C	
000010	00	780801PSD5002852.B.M	5846.7720141.29	10725.81	1.01	209677.4	366935.5	496.0	C	
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000015	00	780801PWD5002853.B.M	7712.7726595.74	14707.45	1.33	308036.2	449148.9	376.0	C	
000016	00	780801PWD5002854.B.M	5707.7618264.84	12146.12	1.14	114155.3	342465.7	438.0	C	
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000019	00	780802PED5002853.B.M	133.40 4266.94	3281.75	.27	53361.8	127001.1	1874.0	C	
000020	00	780802PED5002854.B.M	136.84 4376.76	3366.17	.27	27367.3	133552.3	1827.0	C	
000021	00	780802PND5002851.B.M	578.03 3853.56	2861.27	.24	48169.6	121387.3	2076.0	C	
000022	00	780802PND5002852.B.M	251.00 8032.13	6174.70	.50	75301.2	478714.9	996.0	C	
000023	00	780802PND5002853.B.M	342.47 5479.45	7863.01	.68	513698.6	334246.6	730.0	C	
000024	00	780802PND5002854.B.M	303.40 9706.74	7208.74	.61	60679.6	314320.4	824.0	C	
000025	00	780802PSD5002851.B.M	352.1111267.61	8084.51	.70	563380.3	322535.2	710.0	C	
000026	00	780802PSD5002852.B.M	171.94 5502.06	4229.71	.34	137551.6	153370.0	1454.0	C	
000027	00	780802PSD5002853.B.M	169.15 2706.36	4161.03	.34	33829.5	169824.1	1478.0	C	
000028	00	780802PSD5002854.B.M	623.44 9975.06	12768.08	1.25	124688.3	323441.4	401.0	C	
000029	00	780802PWD5002851.B.M	2000.0064000.00	40960.00	4.00	200000.0	2552000.0	125.0	C	
000030	00	780802PWD5002852.B.M	571.43 9142.86	6080.00	.57	85714.3	300571.4	875.0	C	
000031	00	780802PWD5002853.B.M	998.00 7984.03	5728.54	.50	49900.2	274451.1	1002.0	C	
000032	00	780802PWD5002854.B.M	606.8029126.21	14927.18	1.21	485436.9	519417.5	412.0	C	
000033	00	780803PED5002851.B.M	179.73 2875.63	4421.28	.36	71890.7	233644.9	1391.0	C	
000034	00	780803PED5002852.B.M	237.87 5708.85	5461.47	.48	95147.5	313035.2	1051.0	C	
000035	00	780803PED5002853.B.M	3397.03 8492.57	11295.12	1.06	212314.2	634819.5	471.0	C	
000036	00	780803PED5002854.B.M	1269.0420304.57	12994.92	1.27	126903.6	758883.2	394.0	C	
000037	00	780803PND5002851.B.M	362.8411611.03	8330.91	.73	145137.9	371553.0	689.0	C	
000038	00	780803PND5002852.B.M	314.8610075.57	7481.11	.63	62972.3	292191.4	794.0	C	
000039	00	780803PND5002853.B.M	207.64 6644.52	5282.39	.42	83056.5	157807.7	1204.0	C	
000040	00	780803PND5002854.B.M	3623.1957971.01	44565.22	3.62	724637.7	2282608.7	138.0	C	
000041	00	780803PSD5002851.B.M	661.3821164.02	13544.97	1.32	264550.3	550264.5	378.0	C	
000042	00	780803PSD5002852.B.M	2017.6510098.27	8020.18	.63	63051.7	195460.3	793.0	C	
000043	00	780803PSD5002853.B.M	3302.96 4555.61	7004.56	.57	85421.4	239180.0	878.0	C	
000044	00	780803PSD5002854.B.M	645.9910335.92	7674.42	.65	64599.5	156330.7	774.0	C	
000045	00	780803PWD5002851.B.M	229.36 3669.72	4880.73	.46	45871.6	147706.4	1090.0	C	
000046	00	780803PWD5002852.B.M	166.78 5336.89	3415.61	.33	66711.1	127418.3	1499.0	C	
000047	00	780803PWD5002853.B.M	518.67 8298.76	10622.41	1.04	103734.4	365145.2	482.0	C	
000048	00	780803PWD5002854.B.M	247.04 3952.67	5059.29	.49	24703.6	222332.0	1012.0	C	
000049	00	780804PED5002851.B.M	366.5711730.21	8416.42	.73	146627.6	325513.2	682.0	C	
000050	00	780804PED5002852.B.M	517.6016563.19	10600.41	1.04	155279.5	507246.4	483.0	C	
000051	00	780804PED5002853.B.M	457.8814652.31	10128.20	.92	91575.1	289377.3	546.0	C	
000052	00	780804PED5002854.B.M	437.0613986.01	11118.88	.87	174825.2	283216.8	572.0	C	
000053	00	780804PND5002851.B.M	407.1713029.32	10016.29	.81	325732.9	241042.3	614.0	C	
000054	00	780804PND5002852.B.M	519.7516632.02	15388.62	1.04	207900.2	318087.3	481.0	C	
000055	00	780804PND5002853.B.M	418.76 6700.17	17939.70	.84	83752.1	296482.4	597.0	C	
000056	00	780804PND5002854.B.M	437.0613986.01	16555.94	.87	131118.9	363636.4	572.0	C	
000057	00	780804PSD5002851.B.M	389.4112461.06	9579.44	.78	77681.6	339563.9	642.0	C	
000058	00	780804PSD5002852.B.M	350.1411274.48	11806.72	.70	140056.0	299916.0	714.0	C	
000059	00	780804PSD5002853.B.M	471.7215294.34	10433.96	.94	47169.8	367324.5	530.0	C	
000060	00	780804PSD5002854.B.M	434.0313888.89	9236.11	.87	86805.6	368055.6	576.0	C	
000061	00	780804PWD5002851.B.M	420.8813468.01	9309.76	.84	126262.6	316498.3	594.0	C	
000062	00	780804PWD5002852.B.M	479.8515355.09	14990.40	.96	191938.6	347408.8	521.0	C	
000063	00	780804PWD5002853.B.M	514.4016460.91	13086.42	1.03	51448.3	407407.4	486.0	C	
000064	00	780804PWD5002854.B.M	437.8314010.51	14045.53	.88	43782.8	373329.8	571.0	C	
000065	00	780805SND5002851.B.M	4401.99 6644.52	4252.49	.42	20764.1	151162.8	1204.0	C	
000066	00	780805SND5002852.B.M	4536.70 9174.31	7052.75	.57	28669.7	213302.8	972.0	C	
000067	00	780805SND5002853.B.M	4264.70 4848.48	6206.06	.61	121212.1	272727.3	825.0	C	
000068	00	780805SND5002854.B.M	3846.15 9925.56	6600.50	.62	62034.7	290322.8	806.0	C	
000069	00	780806SND5002851.B.M	7563.0328011.20	17226.89	1.40	560224.1	266106.4	357.0	C	
000070	00	780806SND5002852.B.M	3076.9224615.38	15753.85	1.54	615384.6	504615.4	325.0	C	
000071	00	780806SND5002853.B.M	8750.0025000.00	16000.00	1.56	468750.0	293750.0	320.0	C	
000072	00	780806SND5002854.B.M	7568.8118348.62	12201.83	1.15	229357.8	167431.2	436.0	C	
000073	00	780807SND5002851.B.M	15296.37 7648.18	11357.55	.96	143403.4	304015.3	523.0	C	

000074	00	780807SN05002852.B.M	541.17	8658.01	4632.03	1.08	216450.2	309523.8	462.0	C	
000075	00	780807SN05002853.B.M	581.40	9302.3313348.84		1.16	581325.6	316279.1	430.0	C	
000076	00	780807SN05002854.B.M	523.01	8368.2015481.17		1.05	209205.0	261506.3	478.0	C	
000077	00	780808SN05002851.B.M	432.53	6920.4213148.79		.87	86505.2	304498.3	578.0	C	
000078	00	780808SN05002852.B.M	456.72	7339.4510532.11		.92	91743.1	282568.8	545.0	C	
000079	00	780808SN05002853.B.M	3591.68	9561.4614744.31		.95	94518.0	866431.0	520.0	C	
000080	00	780808SN05002854.B.M	2603.04	17353.58	12885.03	1.08	54229.9	331887.2	461.0	C	
000081	00	780809SN05002851.B.M	3444.28	11494.25	18879.21	1.44	287356.3	442528.7	348.0	C	
000082	00	780809SN05002852.B.M	7416.88	10230.18	13094.63	1.28	511508.9	314579.0	391.0	C	
000083	00	780809SN05002853.B.M	728.66	11661.41	17930.03	1.46	728663.6	358600.6	343.0	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	.00	24242.42	6484.85	1.52	606060.6	539393.9	330.0	C	
000086	00	780810SN05002852.B.M	.00	26666.67	7133.33	1.67	250000.0	656666.7	300.0	C	
000087	00	780810SN05002853.B.M	.00	24308.24	9105.69	2.83	639756.1	893374.9	246.0	C	
000088	00	780810SN05002854.B.M	.00	40000.00	7466.67	1.67	250000.0	510000.0	300.0	C	
000089	00	780811SN05002851.B.M	.00	29590.30	7896.68	1.85	369003.7	698036.9	271.0	C	
000090	00	780811SN05002852.B.M	.00	29850.75	7965.87	1.87	559701.5	820895.5	268.0	C	
000091	00	780811SN05002853.B.M	.00	20276.27	7229.13	1.68	526756.8	726351.3	296.0	C	
000092	00	780811SN05002854.B.M	.00	29197.08	7810.22	1.82	1824817.5	602189.8	274.0	C	
000093	00	780812SN05002851.B.M	1234.39	6191.95	9195.05	.77	116099.1	260061.9	646.0	C	
000094	00	780812SN05002852.B.M	457.04	7312.61	10109.69	.91	45703.8	215722.1	547.0	C	
000095	00	780812SN05002853.B.M	5945.85	7241.24	9228.23	.90	45045.0	257657.7	555.0	C	
000096	00	780812SN05002854.B.M	2931.60	6514.66	9348.53	.61	40716.6	203583.1	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	968.99	31007.75	19844.96	1.94	1162790.7	379845.0	258.0	C	
000099	00	780813SN05002853.B.M	1121.08	35874.44	9196.41	2.24	448430.5	633632.3	223.0	C	
000100	00	780813SN05002854.B.M	865.05	27681.66	24152.25	1.73	173010.4	377162.6	289.0	C	
000101	00	780814SN05002851.B.M	2257.34	13944.02	4830.70	1.13	225733.6	422121.9	443.0	C	
000102	00	780814SN05002852.B.M	2307.89	11536.46	9442.31	.96	288461.5	384615.4	520.0	C	
000103	00	780814SN05002853.B.M	3818.18	7272.77	3890.91	.91	136363.6	369099.9	550.0	C	
000104	00	780814SN05002854.B.M	3007.52	15037.59	8439.85	.94	187969.9	392857.1	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	6706.74	10386.35	2.43	121369.2	310679.6	206.0	C	
000108	00	780815SN05002854.B.M	1805.05	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	12656.23	22088.61	1.58	79113.9	500000.0	316.0	C	
000111	00	780816SN05002853.B.M	865.05	20741.25	34186.05	1.73	86505.2	657439.4	289.0	C	
000112	00	780816SN05002854.B.M	716.33	22922.64	22979.94	1.43	143266.5	561604.6	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	13544.97	1.32	33068.8	441798.9	378.0	C	
000115	00	780817SN05002853.B.M	1168.22	28037.38	28738.32	2.34	116822.4	967289.7	214.0	C	
000116	00	780817SN05002854.B.M	5660.38	12576.62	19339.62	729.56	78616.4	839622.6	318.0	C	
000117	00	780818SN05002851.B.M	3278.69	14571.95	4080.15	.91	273224.0	409836.1	549.0	C	
000118	00	780818SN05002852.B.M	2222.22	19047.62	7460.32	.79	158730.2	377777.8	630.0	C	
000119	00	780818SN05002853.B.M	1968.28	9900.99	7531.35	.83	247524.8	499240.9	606.0	C	
000120	00	780818SN05002854.B.M	471.70	15094.34	4037.74	.94	188679.2	409434.0	530.0	C	
000121	00	780819SN05002851.B.M	661.38	10582.01	5661.38	1.32	34391.5	1055555.5	378.0	C	
000122	00	780819SN05002852.B.M	651.04	10416.67	5572.92	1.30	65104.2	755208.3	384.0	C	
000123	00	780819SN05002853.B.M	622.91	4746.84	1772.15	.40	19778.5	222310.1	1264.0	C	
000124	00	780819SN05002854.B.M	306.00	3671.97	3255.81	.31	15299.9	16523.9	1634.0	C	
000125	00	780820SN05002851.B.M	1300.81	13008.13	3642.28	.81	162601.6	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	68119.9	365127.6	734.0	C	
000128	00	780820SN05002854.B.M	2238.81	7462.69	6616.92	.62	31094.5	393034.8	804.0	C	
000129	00	780821C 05002851.B.M	24344.57	22471.91	13464.42	18727.53	280898.9	387640.4	534.0	C	
000130	00	780821C 05002852.B.M	8202.44	20942.41	10732.98	.67	130890.1	465968.6	573.0	C	
000131	00	780821C 05002853.B.M	7930.37	23210.83	13907.16	.97	145067.7	208897.5	517.0	C	
000132	00	780821C 05002854.B.M	7704.40	16867.92	9339.62	.79	157232.7	166666.7	636.0	C	
000133	00	780822C 05002851.B.M	5708.66	11811.02	9665.35	.98	196850.4	303149.6	508.0	C	
000134	00	780822C 05002852.B.M	11			.84	167328.4	826464.0	596.0	C	
000135	00	780822C 05002853.B.M	4570.38	21937.84	9360.15	.91	182815.4	341864.7	547.0	C	
000136	00	780822C 05002854.B.M	4005.93	23736.87	7284.87	.74	74184.0	287833.8	674.0	C	
000137	00	780823C 05002851.B.M	21370.31	13050.57	10032.63	.82	163132.1	208909.1	613.0	C	
000138	00	780823C 05002852.B.M	527.43	25316.46	14725.74	1.05	105495.2	257384.0	474.0	C	
000139	00	780823C 05002853.B.M	468.16	14381.27	13464.42	.94	374531.8	260289.6	534.0	C	
000140	00	780823C 05002854.B.M	11409.80	26845.64	16615.21	1.12	223715.6	340179.0	447.0	C	
000141	00	780824C 05002851.B.M	6455.66	29891.36	10538.98	1.03	309642.0	389794.2	486.0	C	
000142	00	780824C 05002852.B.M	7956.30	20568.55	5771.21	.64	128534.7	282776.3	778.0	C	
000143	00	780824C 05002853.B.M	6324.42	15048.34	9037.71	.94	177358.6	833962.3	530.0	C	
000144	00	780824C 05002854.B.M	3346.86	12170.39	2271.81	.51	152129.8	237322.5	986.0	C	

END ELT.

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$HDG,P ****** CHI ******

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000002	00	780801PC050028SC1B.M0CHI.N2	177.000	180.000	189.000	178.000
000003	00	780801PC050028SC1B.M0CHI.02	70.000	71.000	72.000	70.000
000004	00	780801PC050028SC1B.M1CHI.C02	132.570	29.460	162.030	132.570
000005	00	780801PC050028SC1B.M1CHI.N2	15.424	14.833	1.452	15.927
000006	00	780801PC050028SC1B.M1CHI.02	41.635	42.256	40.479	37.062
000007	00	780801PC050028SC1B.M2CHI.C02	1561.380	44.190	382.980	309.330
000008	00	780801PC050028SC1B.M2CHI.N2	15.932	14.833	1.492	15.843
000009	00	780801PC050028SC1B.M2CHI.02	10.409	41.049	34.526	37.349
000010	00	780801PC050028SC1B.M3CHI.C02	559.740	58.920	589.200	456.630
000011	00	780801PC050028SC1B.M3CHI.N2	15.678	14.667	1.476	15.421
000012	00	780801PC050028SC1B.M3CHI.02	31.227	41.049	30.359	32.451
000013	00	780801PC050028SC2B.M0CHI.C02	1.000	1.000	1.000	1.000
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000015	00	780801PC050028SC2B.M0CHI.02	75.000	74.000	70.000	74.000
000016	00	780801PC050028SC2B.M1CHI.C02	117.840	29.460	147.300	147.300
000017	00	780801PC050028SC2B.M1CHI.N2	14.758	14.751	15.580	14.282
000018	00	780801PC050028SC2B.M1CHI.02	39.431	42.543	41.023	37.647
000019	00	780801PC050028SC2B.M2CHI.C02	334.790	44.190	235.680	382.980
000020	00	780801PC050028SC2B.M2CHI.N2	15.081	14.254	15.414	14.521
000021	00	780801PC050028SC2B.M2CHI.02	33.145	38.806	39.186	33.014
000022	00	780801PC050028SC2B.M3CHI.C02	471.360	44.190	368.250	368.250
000023	00	780801PC050028SC2B.M3CHI.N2	14.355	14.834	15.497	14.601
000024	00	780801PC050028SC2B.M3CHI.02	28.002	38.806	35.513	34.172
000025	00	780802PC050023SC1B.M0CHI.C02	1.000	2.000	1.000	2.000
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000027	00	780802PC050028SC1B.M0CHI.02	74.000	72.000	72.000	70.000
000028	00	780802PC050028SC1B.M1CHI.C02	88.380	22.095	147.300	58.920
000029	00	780802PC050023SC1B.M1CHI.N2	14.919	14.917	15.083	15.253
000030	00	780802PC050023SC1B.M1CHI.02	40.543	42.265	38.697	39.799
000031	00	780802PC050028SC1B.M2CHI.C02	413.440	29.460	397.710	88.380
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000033	00	780802PC050028SC1B.M2CHI.02	34.751	41.669	35.717	36.125
000034	00	780802PC050023SC1B.M3CHI.C02	1222.590	29.460	176.760	213.585
000035	00	780802PC050028SC1B.M3CHI.N2	15.081	14.917	15.583	15.253
000036	00	780802PC050028SC1B.M3CHI.02	17.955	41.669	35.717	35.513
000037	00	780802PC050028SC2B.M0CHI.C02	1.000	1.000	1.000	2.000
000038	00	780802PC050028SC2B.M0CHI.N2	181.000	178.000	179.000	183.000
000039	00	780802PC050028SC2B.M0CHI.02	72.000	71.000	71.000	72.000
000040	00	780802PC050028SC2B.M1CHI.C02	73.650	29.460	88.380	44.190
000041	00	780802PC050028SC2B.M1CHI.N2	14.917	14.747	15.251	14.508
000042	00	780802PC050028SC2B.M1CHI.02	39.844	41.653	40.445	39.288
000043	00	780802PC050028SC2B.M2CHI.C02	235.680	29.460	176.760	626.025
000044	00	780802PC050028SC2B.M2CHI.N2	15.083	15.084	14.749	15.082
000045	00	780802PC050028SC2B.M2CHI.02	37.502	42.256	33.805	19.049
000046	00	780802PC050028SC2B.M3CHI.C02	456.630	44.190	456.630	235.680
000047	00	780802PC050028SC2B.M3CHI.N2	15.497	15.169	15.084	14.836
000048	00	780802PC050028SC2B.M3CHI.02	35.121	42.860	33.201	35.121
000049	00	780803PC050028SC1B.M0CHI.C02	1.000	1.000	1.000	1.000
000050	00	780803PC050028SC1B.M0CHI.N2	185.000	185.000	184.000	185.000
000051	00	780803PC050028SC1B.M0CHI.02	75.000	75.000	73.000	75.000
000052	00	780803PC050028SC1B.M1CHI.C02	103.110	14.730	58.920	103.110
000053	00	780803PC050028SC1B.M1CHI.N2	14.676	14.595	14.857	15.000
000054	00	780803PC050028SC1B.M1CHI.02	103.435	104.578	103.095	104.578
000055	00	780803PC050028SC1B.M2CHI.C02	1031.640	1045.830	1031.100	1016.370
000056	00	780803PC050028SC1B.M2CHI.N2	1.764	.162	.326	.811
000057	00	780803PC050028SC1B.M2CHI.02	104.578	102.293	110.379	108.007
000058	00	780803PC050028SC1B.M3CHI.C02	927.990	1031.100	1016.370	1001.640
000059	00	780803PC050028SC1B.M3CHI.N2	4.216	.081	2.935	2.027
000060	00	780803PC050028SC1B.M3CHI.02	104.007	105.150	108.031	108.007
000061	00	780803PC050028SC2B.M0CHI.C02	52.000	72.000	53.000	61.000
000062	00	780803PC050028SC2B.M0CHI.N2	1.000	1.000	1.000	1.000
000063	00	780803PC050028SC2B.M0CHI.02	179.000	182.000	177.000	178.000
000064	00	780803PC050028SC2B.M1CHI.C02	19.829	14.935	18.747	17.145
000065	00	780803PC050028SC2B.M1CHI.N2	810.000	30.000	300.000	540.000
000066	00	780803PC050028SC2B.M1CHI.02	11.733	16.956	15.013	11.317
000067	00	780803PC050028SC2B.M2CHI.C02	36.542	.809	27.067	5.900
000068	00	780803PC050028SC2B.M2CHI.N2	2820.000	2700.000	2850.000	2790.000
000069	00	780803PC050028SC2B.M2CHI.02	3.831	16.956	3.390	13.002
000070	00	780803PC050028SC2B.M3CHI.C02	44.767	.81	27.067	35.946
000071	00	780803PC050028SC2B.M3CHI.N2	2820.000	2865.000	2850.000	2790.000
000072	00	780803PC050028SC2B.M3CHI.02	4.310	17.427	15.013	3.853
000073	00	780804PC050028SC1B.M0CHI.C02	1.000	1.000	1.000	1.000

000074	00	780804PC05002B5C1B.M0CHI.N2	177.000	176.000	180.000	143.000
000075	00	780804PC05002B5C1B.M0CHI.02	71.000	71.000	73.000	72.000
000076	00	780804PC05002B5C1B.M1CHI.C02	147.300	14.730	117.840	103.110
000077	00	780804PC05002B5C1B.M1CHI.N2	15.085	15.085	15.333	14.508
000078	00	780804PC05002B5C1B.M1CHI.02	38.892	41.653	40.512	39.884
000079	00	780804PC05002B5C1B.M2CHI.C02	1487.730	29.460	1045.830	324.060
000080	00	780804PC05002B5C1B.M2CHI.N2	16.610	15.179	15.000	15.246
000081	00	780804PC05002B5C1B.M2CHI.02	14.488	42.256	17.027	37.502
000082	00	780804PC05002B5C1B.M3CHI.C02	765.960	29.460	368.260	471.760
000083	00	780804PC05002B5C1B.M3CHI.N2	15.847	15.511	15.917	14.836
000084	00	780804PC05002B5C1B.M3CHI.02	32.598	43.464	36.402	35.121
000085	00	780804PC05002B5C2B.M0CHI.C02	1.000	1.000	1.000	1.000
000086	00	780804PC05002B5C2B.M0CHI.N2	187.000	191.000	183.000	185.000
000087	00	780804PC05002B5C2B.M0CHI.02	73.000	73.000	73.000	72.000
000088	00	780804PC05002B5C2B.M1CHI.C02	117.840	14.730	220.950	279.870
000089	00	780804PC05002B5C2B.M1CHI.N2	15.328	15.000	15.165	15.162
000090	00	780804PC05002B5C2B.M1CHI.02	35.815	35.815	36.989	36.693
000091	00	780804PC05002B5C2B.M2CHI.C02	648.120	29.460	1222.590	721.770
000092	00	780804PC05002B5C2B.M2CHI.N2	14.754	14.426	15.330	15.000
000093	00	780804PC05002B5C2B.M2CHI.02	31.118	40.577	20.549	32.747
000094	00	780804PC05002B5C2B.M3CHI.C02	1502.460	29.460	1811.790	795.420
000095	00	780804PC05002B5C2B.M3CHI.N2	15.328	15.656	15.742	14.757
000096	00	780804PC05002B5C2B.M3CHI.02	16.439	46.383	9.981	27.978
000097	00	780821CC05002B5C1B.M0CHI.C02	1.000	1.000	1.000	2.000
000098	00	780821CC05002B5C1B.M0CHI.N2	186.000	180.000	186.000	186.000
000099	00	780821CC05002B5C1B.M0CHI.02	73.000	72.000	75.000	75.000
000100	00	780821CC05002B5C1B.M1CHI.C02	147.300	29.460	132.570	66.285
000101	00	780821CC05002B5C1B.M1CHI.N2	14.577	15.000	15.080	14.597
000102	00	780821CC05002B5C1B.M1CHI.02	37.576	42.949	34.959	37.717
000103	00	780821CC05002B5C1B.M2CHI.C02	338.790	29.460	353.520	176.760
000104	00	780821CC05002B5C1B.M2CHI.N2	15.081	14.667	14.761	14.919
000105	00	780821CC05002B5C1B.M2CHI.02	30.530	41.074	33.145	33.145
000106	00	780821CC05002B5C1B.M3CHI.C02	574.470	29.460	456.630	324.060
000107	00	780821CC05002B5C1B.M3CHI.N2	15.161	15.750	15.080	15.403
000108	00	780821CC05002B5C1B.M3CHI.02	29.943	41.074	29.145	27.430
000109	00	780821CC05002B5C2B.M0CHI.C02	1.000	1.000	1.000	2.000
000110	00	780821CC05002B5C2B.M0CHI.N2	182.000	175.000	176.000	180.000
000111	00	780821CC05002B5C2B.M0CHI.02	72.000	70.000	72.000	72.000
000112	00	780821CC05002B5C2B.M1CHI.C02	220.950	29.460	147.300	110.475
000113	00	780821CC05002B5C2B.M1CHI.N2	15.082	15.257	15.503	15.417
000114	00	780821CC05002B5C2B.M1CHI.02	38.693	42.860	39.288	38.693
000115	00	780821CC05002B5C2B.M2CHI.C02	44.190	44.190	412.440	198.855
000116	00	780821CC05002B5C2B.M2CHI.N2	15.000	15.171	15.419	15.083
000117	00	780821CC05002B5C2B.M2CHI.02	38.359	42.248	32.145	32.740
000118	00	780821CC05002B5C2B.M3CHI.C02	441.900	29.460	427.170	266.250
000119	00	780821CC05002B5C2B.M3CHI.N2	15.330	16.286	15.251	15.083
000120	00	780821CC05002B5C2B.M3CHI.02	32.740	39.186	30.954	24.406
000121	00	780822CC05002B5C1B.M0CHI.C02	13.000	3.000	3.000	3.000
000122	00	780822CC05002B5C1B.M0CHI.N2	185.000	188.000	186.000	187.000
000123	00	780822CC05002B5C1B.M0CHI.02	65.000	77.000	74.000	76.000
000124	00	780822CC05002B5C1B.M1CHI.C02	13.597	14.730	83.470	83.470
000125	00	780822CC05002B5C1B.M1CHI.N2	15.405	14.362	15.403	15.281
000126	00	780822CC05002B5C1B.M1CHI.02	45.498	40.054	39.964	38.349
000127	00	780822CC05002B5C1B.M2CHI.C02	45.323	14.730	245.500	353.520
000128	00	780822CC05002B5C1B.M2CHI.N2	14.108	14.202	14.032	14.198
000129	00	780822CC05002B5C1B.M2CHI.02	29.672	40.077	21.430	14.099
000130	00	780822CC05002B5C1B.M3CHI.C02	37.392	19.640	83.470	126.400
000131	00	780822CC05002B5C1B.M3CHI.N2	14.838	15.000	15.565	14.118
000132	00	780822CC05002B5C1B.M3CHI.02	36.266	41.747	9.846	27.049
000133	00	780822CC05002B5C2B.M0CHI.C02	9.000	9.000	3.000	3.000
000134	00	780822CC05002B5C2B.M0CHI.N2	186.000	191.000	191.000	191.000
000135	00	780822CC05002B5C2B.M0CHI.02	70.000	78.000	74.000	78.000
000136	00	780822CC05002B5C2B.M1CHI.C02	19.640	14.730	73.650	88.380
000137	00	780822CC05002B5C2B.M1CHI.N2	14.677	13.901	14.764	14.058
000138	00	780822CC05002B5C2B.M1CHI.02	42.248	39.562	38.464	34.618
000139	00	780822CC05002B5C2B.M2CHI.C02	26.187	14.730	363.340	137.480
000140	00	780822CC05002B5C2B.M2CHI.N2	14.355	13.508	14.743	11.780
000141	00	780822CC05002B5C2B.M2CHI.02	36.737	38.215	17.184	22.529
000142	00	780822CC05002B5C2B.M3CHI.C02	26.187	11.048	589.200	284.780
000143	00	780822CC05002B5C2B.M3CHI.N2	14.758	13.272	13.822	13.979
000144	00	780822CC05002B5C2B.M3CHI.02	37.349	36.266	8.792	23.628
000145	00	780823CC05002B5C1B.M0CHI.C02	1.000	1.000	1.000	1.000
000146	00	780823CC05002B5C1B.M0CHI.N2	187.000	182.000	183.000	188.000
000147	00	780823CC05002B5C1B.M0CHI.02	72.000	74.000	73.000	75.000
000148	00	780823CC05002B5C1B.M1CHI.C02	294.600	14.730	73.650	441.900
000149	00	780823CC05002B5C1B.M1CHI.N2	15.082	14.735	15.082	15.083
000150	00	780823CC05002B5C1B.M1CHI.02	41.464	40.577	40.577	40.577
000151	00	780823CC05002B5C1B.M1CHI.02	1001.640	1045.830	986.910	751.230

000152	00	780823CC05002B5C1B.M2CHI.C02	6.639	.165	4.672	2.713
000153	00	780823CC05002B5C1B.M2CHI.N2	109.531	101.358	105.682	107.436
000154	00	780823CC05002B5C1B.M2CHI.O2	515.550	1016.370	677.580	883.800
000155	00	780823CC05002B5C1B.M3CHI.C02	10.656	.082	9.836	5.665
000156	00	780823CC05002B5C1B.M3CHI.N2	113.103	110.046	110.379	108.579
000157	00	780823CC05002B5C1B.M3CHI.O2	17.000	72.000	17.000	46.000
000158	00	780823CC05002B5C2B.M0CHI.C02	1.000	1.000	1.000	1.000
000159	00	780823CC05002B5C2B.M0CHI.N2	180.000	182.000	177.000	179.000
000160	00	780823CC05002B5C2B.M0CHI.O2	63.252	14.935	61.519	23.056
000161	00	780823CC05002B5C2B.M1CHI.C02	480.000	.000	135.000	180.000
000162	00	780823CC05002B5C2B.M1CHI.O2	14.049	15.272	16.224	16.043
000163	00	780823CC05002B5C2B.M2CHI.C02	68.451	.409	68.451	27.539
000164	00	780823CC05002B5C2B.M2CHI.N2	2670.000	2640.000	2790.000	2700.000
000165	00	780823CC05002B5C2B.M2CHI.O2	8.096	16.249	9.044	8.141
000166	00	780823CC05002B5C2B.M3CHI.C02	97.911	.409	70.184	48.027
000167	00	780823CC05002B5C2B.M3CHI.N2	2850.000	2700.000	2850.000	2790.000
000168	00	780823CC05002B5C2B.M3CHI.O2	7.619	15.720	9.202	4.310
000169	00	780824CC05002B5C1B.M0CHI.C02	51.000	2.000	2.000	1.000
000170	00	780824CC05002B5C1B.M0CHI.N2	191.000	182.000	185.000	182.000
000171	00	780824CC05002B5C1B.M0CHI.O2	44.000	72.000	74.000	72.000
000172	00	780824CC05002B5C1B.M1CHI.C02	6.643	14.730	88.380	176.760
000173	00	780824CC05002B5C1B.M1CHI.N2	14.686	15.247	15.162	15.247
000174	00	780824CC05002B5C1B.M1CHI.O2	60.394	48.951	39.964	39.884
000175	00	780824CC05002B5C1B.M2CHI.C02	13.864	14.730	552.375	1549.760
000176	00	780824CC05002B5C1B.M2CHI.N2	17.565	14.011	14.595	14.588
000177	00	780824CC05002B5C1B.M2CHI.O2	34.093	38.693	13.901	8.334
000178	00	780824CC05002B5C1B.M3CHI.C02	33.504	14.730	913.260	1016.370
000179	00	780824CC05002B5C1B.M3CHI.N2	14.921	15.247	15.243	15.577
000180	00	780824CC05002B5C1B.M3CHI.O2	15.585	41.669	7.529	22.025
000181	00	780824CC05002B5C2B.M0CHI.C02	26.000	2.000	2.000	2.000
000182	00	780824CC05002B5C2B.M0CHI.N2	181.000	182.000	180.000	178.000
000183	00	780824CC05002B5C2B.M0CHI.O2	54.000	73.000	73.000	72.000
000184	00	780824CC05002B5C2B.M1CHI.C02	6.232	14.730	110.475	125.205
000185	00	780824CC05002B5C2B.M1CHI.N2	14.337	15.495	14.206	15.506
000186	00	780824CC05002B5C2B.M1CHI.O2	43.416	44.621	36.402	37.962
000187	00	780824CC05002B5C2B.M2CHI.C02	30.027	7.365	272.505	360.885
000188	00	780824CC05002B5C2B.M2CHI.N2	15.414	15.247	14.286	15.000
000189	00	780824CC05002B5C2B.M2CHI.O2	30.161	42.860	27.595	21.430
000190	00	780824CC05002B5C2B.M3CHI.C02	44.190	14.730	314.695	331.425
000191	00	780824CC05002B5C2B.M3CHI.N2	14.669	15.082	14.286	14.667
000192	00	780824CC05002B5C2B.M3CHI.O2	19.049	42.860	26.421	26.941

END ELI.

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$HDG,P  ******  DEN  ******

$ELT,L  RFHLBCP2.DEN
ELT307 SL73R1 05/29/79 11 53 33 (0,)
000001    00    780801PC050D2B5C1B.MODEN.CO2      18.000      18.000      28.000      27.000
000002    00    780801PC050D2B5C1B.MODEN.N2       78.000      79.000      79.000      82.000
000003    00    780801PC050D2B5C1B.MODEN.O2      229.000     225.000     224.000     224.000
000004    00    780801PC050D2B5C1B.M1DEN.CO2      16.367      17.185      10.521      11.457
000005    00    780801PC050D2B5C1B.M1DEN.N2       14.808      15.000      15.380      14.817
000006    00    780801PC050D2B5C1B.M1DEN.O2       40.988      42.289      41.138      41.712
000007    00    780801PC050D2B5C1B.M2DEN.CO2      11.457      14.730       7.891       8.729
000008    00    780801PC050D2B5C1B.M2DEN.N2       14.615      14.620      14.813      14.817
000009    00    780801PC050D2B5C1B.M2DEN.O2       37.619      37.907      37.885      38.268
000010    00    780801CC050D2B5C1B.M3DEN.CO2      12.275      16.367       9.469       8.183
000011    00    780801CC050D2B5C1B.M3DEN.N2       15.385      14.620      15.190      15.183
000012    00    780801CC050D2B5C1B.M3DEN.O2       38.368      38.669      39.033      38.651
000013    00    780801PC050D2B5C2B.M0DEN.CO2      28.000      25.000      27.000      26.000
000014    00    780801PC050D2B5C2B.M0DEN.N2       82.000      80.000      82.000      77.000
000015    00    780801PC050D2B5C2B.M0DEN.O2      222.000     224.000     225.000     218.000
000016    00    780801PC050D2B5C2B.M1DEN.CO2      11.047      11.784      11.457      12.464
000017    00    780801PC050D2B5C2B.M1DEN.N2       14.630      15.750      14.817      15.584
000018    00    780801PC050D2B5C2B.M1DEN.O2       41.895      41.712      42.479      43.057
000019    00    780801PC050D2B5C2B.M2DEN.CO2       7.891      11.195       8.183       9.631
000020    00    780801PC050D2B5C2B.M2DEN.N2       14.881      15.937      14.817      15.974
000021    00    780801PC050D2B5C2B.M2DEN.O2       37.840      39.033      39.050      40.108
000022    00    780801CC050D2B5C2B.M3DEN.CO2       7.891      11.195       9.183      10.198
000023    00    780801CC050D2B5C2B.M3DEN.N2       16.098      16.312      15.000      17.143
000024    00    780801CC050D2B5C2B.M3DEN.O2       39.578      38.651      39.431      40.501
000025    00    780802PC050D2B5C1B.M0DEN.CO2      30.000      28.000      28.000      28.000
000026    00    780802PC050D2B5C1B.M0DEN.N2       78.000      77.000      78.000      76.000
000027    00    780802PC050D2B5C1B.M0DEN.O2      229.000     227.000     229.000     228.000
000028    00    780802PC050D2B5C1B.M1DEN.CO2      11.293      11.574      11.574      11.574
000029    00    780802PC050D2B5C1B.M1DEN.N2       14.515      15.190      14.808      14.223
000030    00    780802PC050D2B5C1B.M1DEN.O2       41.176      40.972      41.176      40.980
000031    00    780802PC050D2B5C1B.M2DEN.CO2       8.838      10.521       7.891       8.943
000032    00    780802PC050D2B5C1B.M2DEN.N2       14.808      14.416      15.000      15.192
000033    00    780802PC050D2B5C1B.M2DEN.O2       37.619      37.762      37.894      38.912
000034    00    780802CC050D2B5C1B.M3DEN.CO2       9.329      11.047       8.417       8.943
000035    00    780802CC050D2B5C1B.M3DEN.N2       15.577      14.805      17.385      15.385
000036    00    780802CC050D2B5C1B.M3DEN.O2       38.417      38.517      37.894      37.748
000037    00    780802PC050D2B5C2B.M0DEN.CO2      29.000      29.000      28.000      28.000
000038    00    780802PC050D2B5C2B.M0DEN.N2       78.000      80.000      79.000      79.000
000039    00    780802PC050D2B5C2B.M0DEN.O2      226.000     228.000     227.000     224.000
000040    00    780802PC050D2B5C2B.M1DEN.CO2      11.174      11.574      11.682      11.047
000041    00    780802PC050D2B5C2B.M1DEN.N2       16.154      14.625      14.620      14.810
000042    00    780802PC050D2B5C2B.M1DEN.O2       41.722      41.732      40.783      41.712
000043    00    780802PC050D2B5C2B.M2DEN.CO2       9.143      10.521       9.143       8.417
000044    00    780802PC050D2B5C2B.M2DEN.N2       17.300      15.524      15.000      15.190
000045    00    780802PC050D2B5C2B.M2DEN.O2       39.297      38.348      38.329      37.694
000046    00    780802CC050D2B5C2B.M3DEN.CO2       9.143      10.521       9.143       7.365
000047    00    780802CC050D2B5C2B.M3DEN.N2       17.692      14.437      16.899      15.570
000048    00    780802CC050D2B5C2B.M3DEN.O2       36.981      38.348      38.329      37.694
000049    00    780803PC050D2B5C1B.M0DEN.CO2      29.000      28.000      28.000      27.000
000050    00    780803PC050D2B5C1B.M0DEN.N2       78.000      77.000      77.000      77.000
000051    00    780803PC050D2B5C1B.M0DEN.O2      225.000     224.000     225.000     220.000
000052    00    780803PC050D2B5C1B.M1DEN.CO2      10.667       9.469      10.521      10.364
000053    00    780803PC050D2B5C1B.M1DEN.N2       14.615      14.145      15.000      15.000
000054    00    780803PC050D2B5C1B.M1DEN.O2       41.527      42.286      41.908      42.276
000055    00    780803PC050D2B5C1B.M2DEN.CO2       7.619       7.891       7.891       8.183
000056    00    780803PC050D2B5C1B.M2DEN.N2       15.192      17.338      15.390      15.195
000057    00    780803PC050D2B5C1B.M2DEN.O2       38.860      39.225      38.860      39.938
000058    00    780803CC050D2B5C1B.M3DEN.CO2       7.619       7.365       7.365       8.183
000059    00    780803CC050D2B5C1B.M3DEN.N2       16.923      17.532      15.588      15.000
000060    00    780803CC050D2B5C1B.M3DEN.O2       38.479      38.924      39.060      37.453
000061    00    780803PC050D2B5C2B.M0DEN.CO2      28.000      28.000      28.000      27.000
000062    00    780803PC050D2B5C2B.M0DEN.N2       79.000      78.000      75.000      77.000
000063    00    780803PC050D2B5C2B.M0DEN.O2      223.000     225.000     222.000     222.000
000064    00    780803PC050D2B5C2B.M1DEN.CO2      10.159       9.143      17.360       9.995
000065    00    780803PC050D2B5C2B.M1DEN.N2       14.620      15.000      15.600      16.763
000066    00    780803PC050D2B5C2B.M1DEN.O2       41.322      41.527      42.088      40.736
000067    00    780803PC050D2B5C2B.M2DEN.CO2       7.619       8.127       9.995       7.891
000068    00    780803PC050D2B5C2B.M2DEN.N2       16.139      15.000      15.200      18.312
000069    00    780803PC050D2B5C2B.M2DEN.O2       38.824      38.479      39.478      38.613
000070    00    780803CC050D2B5C2B.M3DEN.CO2       7.619       8.635       8.943       7.365
000071    00    780803CC050D2B5C2B.M3DEN.N2       17.278      17.115      18.600      19.481
000072    00    780803CC050D2B5C2B.M3DEN.O2       39.785      39.050      38.999      38.226
000073    00    780804PC050D2B5C1B.M0DEN.CO2      28.000      22.000      21.000      26.000
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000074	00	780804PC05002B5C1B.MODEN.N2	79.000	79.000	78.000	81.000
000075	00	780804PC05002B5C1B.MODEN.O2	227.000	229.000	215.000	222.000
000076	00	780804PC05002B5C1B.M1DEN.CO2	9.417	9.374	12.626	8.498
000077	00	780804PC05002B5C1B.M1DEN.N2	14.810	14.241	15.192	15.000
000078	00	780804PC05002B5C1B.M1DEN.O2	40.405	40.053	41.465	40.350
000079	00	780804PC05002B5C1B.M2DEN.CO2	7.365	8.035	9.822	7.365
000080	00	780804PC05002B5C1B.M2DEN.N2	14.241	14.241	15.365	14.815
000081	00	780804PC05002B5C1B.M2DEN.O2	37.573	37.619	39.870	38.033
000082	00	780804CC05002B5C1B.M3DEN.CO2	7.365	8.704	9.119	7.365
000083	00	780804CC05002B5C1B.M3DEN.N2	14.810	14.430	16.538	15.185
000084	00	780804CC05002B5C1B.M3DEN.O2	38.706	37.619	40.868	38.999
000085	00	780804PC05002B5C2B.MODEN.CO2	23.000	22.000	22.000	23.000
000086	00	780804PC05002B5C2B.MODEN.N2	80.000	80.000	82.000	80.000
000087	00	780804PC05002B5C2B.MODEN.O2	222.000	229.000	226.000	226.000
000088	00	780804PC05002B5C2B.M1DEN.CO2	10.713	10.943	12.052	10.247
000089	00	780804PC05002B5C2B.M1DEN.N2	15.562	16.312	15.000	14.625
000090	00	780804PC05002B5C2B.M1DEN.O2	42.281	41.737	41.153	40.416
000091	00	780804PC05002B5C2B.M2DEN.CO2	8.704	8.335	9.374	8.966
000092	00	780804PC05002B5C2B.M2DEN.N2	14.625	15.937	14.451	15.562
000093	00	780804PC05002B5C2B.M2DEN.O2	39.226	37.245	37.559	37.972
000094	00	780804CC05002B5C2B.M3DEN.CO2	8.035	8.704	9.374	8.966
000095	00	780804CC05002B5C2B.M3DEN.N2	17.062	17.437	14.817	16.125
000096	00	780804CC05002B5C2B.M3DEN.O2	39.578	38.742	39.308	38.160
000097	00	780821CC05002B5C1B.MODEN.CO2	28.000	28.000	28.000	29.000
000098	00	780821CC05002B5C1B.MODEN.N2	79.000	78.000	78.000	77.000
000099	00	780821CC05002B5C1B.MODEN.O2	228.000	228.000	228.000	228.000
000100	00	780821CC05002B5C1B.M1DEN.CO2	9.469	9.469	11.047	10.159
000101	00	780821CC05002B5C1B.M1DEN.N2	15.759	15.962	15.000	15.000
000102	00	780821CC05002B5C1B.M1DEN.O2	40.416	40.960	41.168	41.732
000103	00	780821CC05002B5C1B.M2DEN.CO2	8.417	8.417	8.995	8.127
000104	00	780821CC05002B5C1B.M2DEN.N2	16.329	16.346	14.615	14.805
000105	00	780821CC05002B5C1B.M2DEN.O2	37.221	38.160	38.912	38.348
000106	00	780821CC05002B5C1B.M3DEN.CO2	8.417	8.417	10.521	8.635
000107	00	780821CC05002B5C1B.M3DEN.N2	16.709	17.308	15.000	15.000
000108	00	780821CC05002B5C1B.M3DEN.O2	38.160	37.596	39.476	38.912
000109	00	780821CC05002B5C2B.MODEN.CO2	27.000	29.000	29.000	28.000
000110	00	780821CC05002B5C2B.MODEN.N2	80.000	80.000	77.000	78.000
000111	00	780821CC05002B5C2B.MODEN.O2	219.000	228.000	227.000	228.000
000112	00	780821CC05002B5C2B.M1DEN.CO2	9.820	11.682	9.651	9.995
000113	00	780821CC05002B5C2B.M1DEN.N2	15.562	15.167	15.390	17.308
000114	00	780821CC05002B5C2B.M1DEN.O2	41.490	41.544	41.916	41.920
000115	00	780821CC05002B5C2B.M2DEN.CO2	8.183	10.159	7.619	7.891
000116	00	780821CC05002B5C2B.M2DEN.N2	15.000	16.187	14.805	17.308
000117	00	780821CC05002B5C2B.M2DEN.O2	38.954	39.833	37.951	36.845
000118	00	780821CC05002B5C2B.M3DEN.CO2	8.183	10.667	7.619	9.417
000119	00	780821CC05002B5C2B.M3DEN.N2	16.125	16.500	15.195	18.269
000120	00	780821CC05002B5C2B.M3DEN.O2	40.512	38.160	38.517	36.845
000121	00	780822CC05002B5C1B.MODEN.CO2	23.000	22.000	23.000	23.000
000122	00	780822CC05002B5C1B.MODEN.N2	85.000	91.000	86.000	88.000
000123	00	780822CC05002B5C1B.MODEN.O2	210.000	208.000	209.000	212.000
000124	00	780822CC05002B5C1B.M1DEN.CO2	9.607	9.374	9.348	9.607
000125	00	780822CC05002B5C1B.M1DEN.N2	14.700	13.195	14.805	13.125
000126	00	780822CC05002B5C1B.M1DEN.O2	43.064	43.490	37.119	37.401
000127	00	780822CC05002B5C1B.M2DEN.CO2	9.326	11.784	9.404	8.326
000128	00	780822CC05002B5C1B.M2DEN.N2	16.765	13.516	13.081	15.000
000129	00	780822CC05002B5C1B.M2DEN.O2	43.064	37.818	39.272	40.636
000130	00	780822CC05002B5C1B.M3DEN.CO2	7.045	12.520	7.045	8.326
000131	00	780822CC05002B5C1B.M3DEN.N2	15.353	14.176	15.523	15.511
000132	00	780822CC05002B5C1B.M3DEN.O2	37.145	38.238	38.348	39.423
000133	00	780822CC05002B5C2B.MODEN.CO2	23.000	21.000	24.000	22.000
000134	00	780822CC05002B5C2B.MODEN.N2	88.000	88.000	86.000	88.000
000135	00	780822CC05002B5C2B.MODEN.O2	209.000	210.000	212.000	209.000
000136	00	780822CC05002B5C2B.M1DEN.CO2	9.607	13.327	9.592	9.374
000137	00	780822CC05002B5C2B.M1DEN.N2	13.466	13.295	13.430	13.295
000138	00	780822CC05002B5C2B.M1DEN.O2	37.938	37.349	37.806	37.915
000139	00	780822CC05002B5C2B.M2DEN.CO2	8.326	14.029	7.365	8.035
000140	00	780822CC05002B5C2B.M2DEN.N2	15.170	16.705	14.826	14.489
000141	00	780822CC05002B5C2B.M2DEN.O2	41.630	42.656	41.243	38.739
000142	00	780822CC05002B5C2B.M3DEN.CO2	7.685	11.223	11.661	8.035
000143	00	780822CC05002B5C2B.M3DEN.N2	15.511	14.318	16.744	15.852
000144	00	780822CC05002B5C2B.M3DEN.O2	40.604	33.676	37.806	39.975
000145	00	780823CC05002B5C1B.MODEN.CO2	30.000	28.000	28.000	29.000
000146	00	780823CC05002B5C1B.MODEN.N2	79.000	77.000	72.000	72.000
000147	00	780823CC05002B5C1B.MODEN.O2	228.000	225.000	222.000	226.000
000148	00	780823CC05002B5C1B.M1DEN.CO2	8.397	7.891	8.943	9.651
000149	00	780823CC05002B5C1B.M1DEN.N2	15.088	15.779	16.259	16.458
000150	00	780823CC05002B5C1B.M1DEN.O2	40.604	41.336	41.895	41.912
000151	00	780823CC05002B5C1B.M2DEN.CO2	6.874	7.365	7.365	7.619

000152	00	780823CC05002B5C1B.M2DEN.N2	17.089	17.143	16.667	16.667
000153	00	780823CC05002B5C1B.M2DEN.O2	39.536	39.050	38.999	39.067
000154	00	780823CC05002B5C1B.M3DEN.CO2	6.874	6.839	6.839	7.111
000155	00	780823CC05002B5C1B.M3DEN.N2	18.228	17.338	17.083	17.500
000156	00	780823CC05002B5C1B.M3DEN.O2	37.596	38.860	39.385	39.636
000157	00	780823CC05002B5C2B.M0DEN.CO2	29.000	29.000	31.000	28.000
000158	00	780823CC05002B5C2B.M0DEN.N2	79.000	79.000	77.000	78.000
000159	00	780823CC05002B5C2B.M0DEN.O2	223.000	220.000	228.000	228.000
000160	00	780823CC05002B5C2B.M1DEN.CO2	8.635	7.891	7.603	8.417
000161	00	780823CC05002B5C2B.M1DEN.N2	14.608	14.810	14.835	14.423
000162	00	780823CC05002B5C2B.M1DEN.O2	42.091	41.691	40.228	39.664
000163	00	780823CC05002B5C2B.M2DEN.CO2	6.603	6.313	6.652	6.839
000164	00	780823CC05002B5C2B.M2DEN.N2	16.154	16.139	16.753	15.577
000165	00	780823CC05002B5C2B.M2DEN.O2	38.247	38.769	37.596	37.784
000166	00	780823CC05002B5C2B.M3DEN.CO2	7.111	6.313	7.127	6.839
000167	00	780823CC05002B5C2B.M3DEN.N2	17.985	18.228	17.338	17.308
000168	00	780823CC05002B5C2B.M3DEN.O2	39.400	38.574	39.724	38.348
000169	00	780824CC05002B5C1B.M0DEN.CO2	33.000	22.000	21.000	21.000
000170	00	780824CC05002B5C1B.M0DEN.N2	81.000	84.000	88.000	84.000
000171	00	780824CC05002B5C1B.M0DEN.O2	228.000	212.000	207.000	215.000
000172	00	780824CC05002B5C1B.M1DEN.CO2	8.927	[illegible]	9.820	11.223
000173	00	780824CC05002B5C1B.M1DEN.N2	13.704	[illegible]	13.636	13.750
000174	00	780824CC05002B5C1B.M1DEN.O2	37.409	38.210	38.098	38.275
000175	00	780824CC05002B5C1B.M2DEN.CO2	8.035	10.043	9.119	9.820
000176	00	780824CC05002B5C1B.M3DEN.CO2	2.778	2.679	2.216	2.500
000177	00	780824CC05002B5C1B.M3DEN.N2	12.971	18.195	18.842	16.147
000178	00	780824CC05002B5C1B.M3DEN.N2	35.263	55.572	[illegible]	[illegible]
000179	00	780824CC05002B5C1B.M3DEN.O2	33.889	37.679	[illegible]	35.893
000180	00	780824CC05002B5C2B.M3DEN.O2	[illegible]	[illegible]	[illegible]	[illegible]
000181	00	780824CC05002B5C2B.M0DEN.CO2	20.000	21.000	21.000	22.000
000182	00	780824CC05002B5C2B.M0DEN.N2	94.000	93.000	86.000	85.000
000183	00	780824CC05002B5C2B.M0DEN.O2	200.000	204.000	214.000	217.000
000184	00	780824CC05002B5C2B.M1DEN.CO2	8.101	9.119	8.417	8.704
000185	00	780824CC05002B5C2B.M1DEN.N2	13.723	13.387	13.430	15.176
000186	00	780824CC05002B5C2B.M1DEN.O2	37.717	37.187	37.052	[illegible]
000187	00	780824CC05002B5C2B.M2DEN.CO2	7.365	9.119	7.014	[illegible]
000188	00	780824CC05002B5C2B.M2DEN.N2	14.521	12.742	[illegible]	[illegible]
000189	00	780824CC05002B5C2B.M2DEN.O2	39.645	34.660	[illegible]	[illegible]
000190	00	780824CC05002B5C2B.M3DEN.CO2	7.365	11.223	7.716	7.365
000191	00	780824CC05002B5C2B.M3DEN.N2	15.479	15.806	15.698	14.647
000192	00	780824CC05002B5C2B.M3DEN.O2	40.931	42.020	40.657	38.910

END ELT.

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2405,P ****** MET ******

2ELT,L RFHL8CR2.HET
ELTO-7 SL7381 05/29/79 11 57 33 (0,)
000001   00   7808U1PC0500285C1B.MOHET.CO2          .00        10.33        6.93        139.52
000002   00   7808U1CC0500285C1B.MOHET.INS          .00      1733.34     2028.44       1991.17
000003   00   7808U1PC0500285C1B.MOHET.SOL          .00     28259.62    27966.83      27913.70
000004   00   7808U1PC0500285C2B.MOHET.CO2          .00         5.56        5.33         11.70
000005   00   7808U1PC0500285C2B.MOHET.INS          .00      2213.67     2546.73       2279.03
000006   00   7808U1PC0500285C2B.MOHET.SOL          .00     27782.66    27449.64      27712.99
000007   00   7808U1PC0500285C1B.M1HET.CO2       176.33         3.34      126.68         18.53
000008   00   7808U1PC0500285C1B.M1HET.INS      3223.90      1562.61     1986.03       1903.54
000009   00   7808U1PC0500285C1B.M1HET.SOL     26655.88     28435.12    27927.60      28083.83
000010   00   7808U1PC0500285C2B.M1HET.CO2        20.26        10.27      108.67       2720.24
000011   00   7808U1PC0500285C2B.M1HET.INS      2195.82      1182.45     3000.87       8478.35
000012   00   7808U1PC0500285C2B.M1HET.SOL     27748.37     28818.54    26925.04      19666.94
000013   00   7808U1PC0500285C1B.M2HET.CO2        620.37       156.11      777.72       1853.96
000014   00   7808U1PC0500285C1B.M2HET.INS      3750.51      2851.19     3760.37       5225.77
000015   00   7808U1PC0500285C1B.M2HET.SOL     25826.51     27042.37    25709.37      23510.17
000016   00   7808U1PC0500285C2B.M2HET.CO2        779.62        86.53      920.35        786.08
000017   00   7808U1PC0500285C2B.M2HET.INS      2566.66      1769.60     3603.09       2636.00
000018   00   7808U1PC0500285C2B.M2HET.SOL     26901.85     28171.40    25769.40      26828.03
000019   00   7808U1PC0500285C1B.M3HET.CO2      5536.89       254.97     4823.75       6351.81
000020   00   7808U1PC0500285C1B.M3HET.INS      5444.89      1887.76     6338.68       4388.07
000021   00   7808U1PC0500285C1B.M3HET.SOL     20779.95     26538.40    20372.39      21271.42
000022   00   7808U1PC0500285C2B.M3HET.CO2      3250.14        74.65     3974.73       4196.07
000023   00   7808U1PC0500285C2B.M3HET.INS      2766.07      1204.88     2909.09       2778.48
000024   00   7808U1PC0500285C2B.M3HET.SOL     25017.93     28744.22    24389.87      24660.57
000025   00   7808U2PC0500285C1B.M0HET.CO2        .00        11.68       46.91         71.23
000026   00   7808U2PC0500285C1B.M0HET.INS        .00      1684.01      745.60       2074.79
000027   00   7808U2PC0500285C1B.M0HET.SOL        .00     28308.02    29222.42      27876.65
000028   00   7808U2PC0500285C2B.M0HET.CO2        .00         5.48       68.24         6.58
000029   00   7808U2PC0500285C2B.M0HET.INS        .00      1246.69     3049.53       4453.16
000030   00   7808U2PC0500285C2B.M0HET.SOL        .00     28749.57    26903.94      25542.36
000031   00   7808U2PC0500285C1B.M1HET.CO2      25.52       132.61       6.79         19.11
000032   00   7808U2PC0500285C1B.M1HET.INS    1994.18      1225.78     2450.80       1967.76
000033   00   7808U2PC0500285C1B.M1HET.SOL    27988.42     28649.72    27544.57      28019.21
000034   00   7808U2PC0500285C2B.M1HET.CO2        7.94         1.42       65.15         12.74
000035   00   7808U2PC0500285C2B.M1HET.INS    1678.40      1502.94     2907.67       4705.50
000036   00   7808U2PC0500285C2B.M1HET.SOL    24318.19     28496.99    27047.91      25285.81
000037   00   7808U2PC0500285C1B.M2HET.CO2      261.55        10.00      320.78         78.43
000038   00   7808U2PC0500285C1B.M2HET.INS      2668.70      2069.79     2921.37       3381.71
000039   00   7808U2PC0500285C1B.M2HET.SOL     27152.97     27923.39    26859.92      26554.81
000040   00   7808U2PC0500285C2B.M2HET.CO2      210.21       113.99      196.41        136.32
000041   00   7808U2PC0500285C2B.M2HET.INS      1875.25      1515.62     2964.01       4219.42
000042   00   7808U2PC0500285C2B.M2HET.SOL     27981.43     28406.65    26902.08      25687.64
000043   00   7808U2PC0500285C1B.M3HET.CO2      1083.45        56.00     1658.48       2092.96
000044   00   7808U2PC0500285C1B.M3HET.INS      6877.93      2949.87     3145.68       3449.44
000045   00   7808U2PC0500285C1B.M3HET.SOL     22633.36     27011.95    25703.54      25123.54
000046   00   7808U2PC0500285C2B.M3HET.CO2       592.38       172.24      670.83       1300.27
000047   00   7808U2PC0500285C2B.M3HET.INS      1966.81      2027.94     2931.93       4136.49
000048   00   7808U2PC0500285C2B.M3HET.SOL     27629.29     27854.62    26610.69      24976.96
000049   00   7808U3PC0500285C1B.M0HET.CO2        .00         4.90         .44         10.75
000050   00   7808U3PC0500285C1B.M0HET.INS        .00      1599.56     3082.27       1889.90
000051   00   7808U3PC0500285C1B.M0HET.SOL        .00     28397.10    26917.43      28102.77
000052   00   7808U3PC0500285C2B.M0HET.CO2        .00         8.00         .00          .03
000053   00   7808U3PC0500285C2B.M0HET.INS        .00      1055.73     2140.69       4588.91
000054   00   7808U3PC0500285C2B.M0HET.SOL        .00     28938.82    27859.31      25408.35
000055   00   7808U3PC0500285C1B.M1HET.CO2      36.06         5.51        6.91          4.06
000056   00   7808U3PC0500285C1B.M1HET.INS    2586.84      2026.56     3699.51       2245.81
000057   00   7808U3PC0500285C1B.M1HET.SOL    27388.57     27969.68    26304.78      27751.42
000058   00   7808U3PC0500285C2B.M1HET.CO2       17.07        40.94       17.09         11.84
000059   00   7808U3PC0500285C2B.M1HET.INS      5857.69      2028.08     1748.38       2036.81
000060   00   7808U3PC0500285C2B.M1HET.SOL     24130.67     27944.31    28239.97      27955.11
000061   00   7808U3PC0500285C1B.M2HET.CO2       149.63         3.50       196.18        156.45
000062   00   7808U3PC0500285C1B.M2HET.INS      2557.20      1314.31     2901.05       4102.48
000063   00   7808U3PC0500285C1B.M2HET.SOL     27340.78     28683.31    26965.19      25790.85
000064   00   7808U3PC0500285C2B.M2HET.CO2       340.46        85.22      375.14        406.89
000065   00   7808U3PC0500285C2B.M2HET.INS      6068.54      2570.15     2936.99       3441.42
000066   00   7808U3PC0500285C2B.M2HET.SOL     22679.23     27571.78    26807.23      26281.15
000067   00   7808U3PC0500285C1B.M3HET.CO2      1221.97        82.90      917.16       1145.38
000068   00   7808U3PC0500285C1B.M3HET.INS      4111.11      2006.77     2560.67       3030.46
000069   00   7808U3PC0500285C1B.M3HET.SOL     26033.79     26987.70    26813.98      25388.60
000070   00   7808U3PC0500285C2B.M3HET.CO2      1943.13        32.99     2699.10       2089.36
000071   00   7808U3PC0500285C2B.M3HET.INS      4866.04      2419.02     3033.30       2569.53
000072   00   7808U3PC0500285C2B.M3HET.SOL     23809.10     27558.49    25133.23      26005.90
000073   00   7808U4PC0500285C1B.M0HET.CO2        .00        60.23        4.30          2.43
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000074	00	780804PC050028SC1B.MOHET.INS	.00	2225.85	2425.86	3377.59
000075	00	780804PC050028SC1B.MOHET.SOL	.00	27733.09	27571.20	26620.77
000076	00	780804PC050028SC1B.MOHET.CO2	.00	77.65	51.55	3.26
000077	00	780804PC050028SC2B.M0HET.INS	.00	2496.47	2093.36	2369.41
000078	00	780804PC050028SC2B.M0HET.SOL	.00	27503.08	27871.71	27628.36
000079	00	780804PC050028SC1B.M1HET.CO2	18.21	.87	14.47	50.14
000080	00	780804PC050028SC1B.M1HET.INS	1530.47	1951.12	1273.13	1760.22
000081	00	780804PC050028SC1B.M1HET.SOL	28456.71	28048.29	28717.00	28205.59
000082	00	780804PC050028SC2B.M1HET.CO2	13.37	12.95	60.49	17.40
000083	00	780804PC050028SC2B.M1HET.INS	3137.18	3722.88	3110.98	3244.89
000084	00	780804PC050028SC2B.M1HET.SOL	26853.70	26256.29	26848.27	26743.54
000085	00	780804PC050028SC1B.M2HET.CO2	316.87	12.50	497.85	236.55
000086	00	780804PC050028SC1B.M2HET.INS	4023.11	1509.99	2449.39	2801.13
000087	00	780804PC050028SC1B.M2HET.SOL	25760.84	28491.49	27211.16	27037.59
000088	00	780804PC050028SC2B.M2HET.CO2	845.08	68.88	478.24	609.90
000089	00	780804PC050028SC2B.M2HET.INS	2555.14	1074.73	3078.40	2775.04
000090	00	780804PC050028SC2B.M2HET.SOL	26868.68	28878.31	26595.53	26809.12
000091	00	780804PC050028SC1B.M3HET.CO2	4105.66	86.71	4953.09	5075.51
000092	00	780804PC050028SC1B.M3HET.INS	4535.79	1648.04	5685.13	5489.22
000093	00	780804PC050028SC1B.M3HET.SOL	22674.90	29292.84	20937.77	21130.20
000094	00	780804PC050028SC2B.M3HET.CO2	4246.56	58.12	4142.74	4510.29
000095	00	780804PC050028SC2B.M3HET.INS	4514.18	1581.77	4206.44	4382.81
000096	00	780804PC050028SC2B.M3HET.SOL	22563.17	28378.60	22966.96	22541.99
000097	00	780821CC050028SC1B.M0HET.CO2	.00	57.28	4.20	24.84
000098	00	780821CC050028SC1B.M0HET.INS	.00	810.15	723.05	687.25
000099	00	780821CC050028SC1B.M0HET.SOL	.00	29150.80	29274.09	29295.81
000100	00	780821CC050028SC2B.M0HET.CO2	.00	23.66	121.98	11.73
000101	00	780821CC050028SC2B.M0HET.INS	.00	1182.90	1079.98	1230.68
000102	00	780821CC050028SC2B.M0HET.SOL	.00	28800.97	28836.85	28761.32
000103	00	780821CC050028SC1B.M1HET.CO2	620.92	23.14	5.78	34.80
000104	00	780821CC050028SC1B.M1HET.INS	3000.30	974.30	947.87	900.95
000105	00	780821CC050028SC1B.M1HET.SOL	26576.34	29009.93	29048.19	29075.32
000106	00	780821CC050028SC2B.M1HET.CO2	15.98	10.41	11.29	178.76
000107	00	780821CC050028SC2B.M1HET.INS	1123.37	1350.94	1066.30	1471.21
000108	00	780821CC050028SC2B.M1HET.SOL	28865.74	28641.96	28926.00	28406.90
000109	00	780821CC050028SC1B.M2HET.CO2	1446.72	4.42	450.41	831.23
000110	00	780821CC050028SC1B.M2HET.INS	3414.17	698.07	2465.27	1642.94
000111	00	780821CC050028SC1B.M2HET.SOL	25599.43	29308.91	27227.63	27790.31
000112	00	780821CC050028SC2B.M2HET.CO2	769.91	137.11	3889.38	509.68
000113	00	780821CC050028SC2B.M2HET.INS	2086.62	1352.74	3558.75	1618.11
000114	00	780821CC050028SC2B.M2HET.SOL	27388.44	28553.64	23789.40	28034.37
000115	00	780821CC050028SC1B.M3HET.CO2	5290.71	97.92	2757.01	3512.81
000116	00	780821CC050028SC1B.M3HET.INS	2611.71	763.40	1654.04	1827.72
000117	00	780821CC050028SC1B.M3HET.SOL	23790.98	29170.17	26466.18	25777.19
000118	00	780821CC050028SC2B.M3HET.CO2	5556.44	33.01	5239.53	5269.33
000119	00	780821CC050028SC2B.M3HET.INS	3835.94	1545.61	3897.19	3566.37
000120	00	780821CC050028SC2B.M3HET.SOL	22375.58	28431.89	22537.24	22840.90
000121	00	780822CC050028SC1B.M0HET.CO2	.00	1033.28	569.37	213.70
000122	00	780822CC050028SC1B.M0HET.INS	.00	2418.65	2937.31	3224.51
000123	00	780822CC050028SC1B.M0HET.SOL	.00	26876.84	26674.45	26629.49
000124	00	780822CC050028SC2B.M0HET.CO2	.00	474.74	149.38	64.76
000125	00	780822CC050028SC2B.M0HET.INS	.00	1783.17	1836.71	1493.71
000126	00	780822CC050028SC2B.M0HET.SOL	.00	27893.15	28061.44	28462.13
000127	00	780822CC050028SC1B.M1HET.CO2	1477.24	321.82	1102.40	1745.25
000128	00	780822CC050028SC1B.M1HET.INS	3843.00	2680.49	3986.33	4644.12
000129	00	780822CC050028SC1B.M1HET.SOL	25149.79	27100.09	25262.06	24165.94
000130	00	780822CC050028SC2B.M1HET.CO2	1208.69	117.10	1212.03	1127.57
000131	00	780822CC050028SC2B.M1HET.INS	2246.44	2358.44	2526.47	2488.98
000132	00	780822CC050028SC2B.M1HET.SOL	26880.76	27477.68	27261.81	27384.38
000133	00	780822CC050028SC1B.M2HET.CO2	1776.98	876.56	1357.97	1636.80
000134	00	780822CC050028SC1B.M2HET.INS	3427.76	2778.48	4904.18	4532.38
000135	00	780822CC050028SC1B.M2HET.SOL	25360.67	26623.87	24169.94	24351.62
000136	00	780822CC050028SC2B.M2HET.CO2	1526.11	717.17	1267.78	1287.93
000137	00	780822CC050028SC2B.M2HET.INS	2376.74	1684.96	2032.22	1957.47
000138	00	780822CC050028SC2B.M2HET.SOL	26582.73	27925.95	26736.99	26644.31
000139	00	780822CC050028SC1B.M3HET.CO2	5026.47	1210.48	4966.57	4982.87
000140	00	780822CC050028SC1B.M3HET.INS	4791.93	2638.43	5810.99	4358.59
000141	00	780822CC050028SC1B.M3HET.SOL	22464.11	26961.15	22089.51	23059.15
000142	00	780822CC050028SC2B.M3HET.CO2	7447.09	718.51	4840.14	5307.69
000143	00	780822CC050028SC2B.M3HET.INS	2067.34	2016.47	2993.27	2204.46
000144	00	780822CC050028SC2B.M3HET.SOL	22855.10	27491.64	23706.63	24176.66
000145	00	780823CC050028SC1B.M0HET.CO2	.00	19.52	103.98	7.97
000146	00	780823CC050028SC1B.M0HET.INS	.00	2341.87	2771.45	3494.64
000147	00	780823CC050028SC1B.M0HET.SOL	.00	27644.83	27157.66	26699.92
000148	00	780823CC050028SC2B.M0HET.CO2	.00	114.38	54.17	13.88
000149	00	780823CC050028SC2B.M0HET.INS	.00	1939.71	2373.19	2596.78
000150	00	780823CC050028SC2B.M0HET.SOL	.00	27980.26	27622.88	27393.76
000151	00	780823CC050028SC1B.M1HET.CO2	11.67	102.98	18.15	86.18

000152	00	780823CC05002B5C1B.M1HET.INS	436.27	1738.50	4353.26	2392.80
000153	00	780823CC05002B5C1B.M1HET.SOL	29555.77	28191.28	25634.36	27548.44
000154	00	780823CC05002B5C2B.M1HET.CO2	15.75	98.39	23.80	25.07
000155	00	780823CC05002B5C2B.M1HET.INS	2825.13	2634.51	2162.87	2593.42
000156	00	780823CC05002B5C2B.M1HET.SOL	27464.19	27298.90	27820.90	27389.49
000157	00	780823CC05002B5C1B.M2HET.CO2	765.86	102.94	1273.60	824.12
000158	00	780823CC05002B5C1B.M2HET.INS	3790.89	1966.86	5629.94	4528.56
000159	00	780823CC05002B5C1B.M2HET.SOL	25696.93	27962.95	23501.70	24909.54
000160	00	780823CC05002B5C2B.M2HET.CO2	860.27	10.51	917.65	685.63
000161	00	780823CC05002B5C2B.M2HET.INS	3840.92	1498.00	4971.18	5259.54
000162	00	780823CC05002B5C2B.M2HET.SOL	25572.56	28494.83	24403.15	24272.99
000163	00	780823CC05002B5C1B.M3HET.CO2	2013.04	157.33	3396.51	4619.17
000164	00	780823CC05002B5C1B.M3HET.INS	1918.55	1199.48	4894.47	4513.34
000165	00	780823CC05002B5C1B.M3HET.SOL	26708.92	28693.25	22769.72	22337.22
000166	00	780823CC05002B5C2B.M3HET.CO2	4244.97	75.13	3991.71	4723.01
000167	00	780823CC05002B5C2B.M3HET.INS	4316.45	2351.21	5929.55	5024.88
000168	00	780823CC05002B5C2B.M3HET.SOL	22789.25	27697.57	21348.83	21754.88
000169	00	780824CC05002B5C1B.M0HET.CO2	.00	372.91	87.52	167.62
000170	00	780824CC05002B5C1B.M0HET.INS	.00	2605.69	2482.33	2548.70
000171	00	780824CC05002B5C1B.M0HET.SOL	.00	27140.05	27457.99	27337.01
000172	00	780824CC05002B5C2B.M0HET.CO2	.00	746.49	71.51	180.29
000173	00	780824CC05002B5C2B.M0HET.INS	.00	2001.58	2336.70	2353.07
000174	00	780824CC05002B5C2B.M0HET.SOL	.00	27489.45	27615.54	27524.01
000175	00	780824CC05002B5C1B.M1HET.CO2	336.06	67.40	555.69	315.30
000176	00	780824CC05002B5C1B.M1HET.INS	3635.50	2944.37	4463.13	3972.13
000177	00	780824CC05002B5C1B.M1HET.SOL	26134.00	27009.67	25157.85	25812.89
000178	00	780824CC05002B5C2B.M1HET.CO2	1510.86	104.85	442.56	442.18
000179	00	780824CC05002B5C2B.M1HET.INS	6560.99	2286.53	2840.44	3154.31
000180	00	780824CC05002B5C2B.M1HET.SOL	22408.88	27641.99	26857.81	26544.20
000181	00	780824CC05002B5C1B.M2HET.CO2	512.97	173.03	539.36	761.09
000182	00	780824CC05002B5C1B.M2HET.INS	3297.15	2355.45	4360.92	3689.48
000183	00	780824CC05002B5C1B.M2HET.SOL	26353.09	27526.57	25271.33	25791.59
000184	00	780824CC05002B5C2B.M2HET.CO2	3022.58	146.35	2594.43	687.05
000185	00	780824CC05002B5C2B.M2HET.INS	2953.44	2100.67	4297.75	3575.44
000186	00	780824CC05002B5C2B.M2HET.SOL	24985.71	27799.54	23933.32	25956.11
000187	00	780824CC05002B5C1B.M3HET.CO2	1361.93	504.16	2356.49	1334.57
000188	00	780824CC05002B5C1B.M3HET.INS	5494.80	2816.49	5371.31	4716.70
000189	00	780824CC05002B5C1B.M3HET.SOL	23576.52	26839.77	23021.99	24373.37
000190	00	780824CC05002B5C2B.M3HET.CO2	2229.42	195.51	2093.67	7217.24
000191	00	780824CC05002B5C2B.M3HET.INS	3416.65	1831.07	3406.08	4615.18
000192	00	780824CC05002B5C2B.M3HET.SOL	25063.29	28035.63	25175.24	20463.99

*END ELT.

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SHOS,P  ******  LIP  ******

*ELT,L RFHLBGR2.LIP
ELT007  SL73R1  05/29/79  11 53 3% (0,)
000001    00   780801PC05002B5C1B.MOLIP.CO2          .00          3.76          .32          1.94
000002    00   780801PC05002B5C1B.MOLIP.INS          .00      29990.85      29998.41      29985.73
000003    00   780801PC05002B5C1B.MOLIP.SOL          .00          7.89          1.34         13.57
000004    00   780801PC05002B5C2B.MOLIP.CO2          .00          9.55          2.14          2.85
000005    00   780801PC05002B5C2B.MOLIP.INS          .00      29981.83      29979.22      29982.32
000006    00   780801PC05002B5C2B.MOLIP.SOL          .00         14.74         20.01         16.65
000007    00   780801PC05002B5C1B.M1LIP.CO2         4991.63        457.23       1723.66          .00
000008    00   780801PC05002B5C1B.M1LIP.INS        27712.63      29786.38      28658.89      29854.68
000009    00   780801PC05002B5C1B.M1LIP.SOL          494.49         49.39        722.00        145.32
000010    00   780801PC05002B5C2B.M1LIP.CO2         2623.26          .75       1551.88       7362.25
000011    00   780801PC05002B5C2B.M1LIP.INS        28528.97      29944.95      28423.05      26557.30
000012    00   780801PC05002B5C2B.M1LIP.SOL          528.61         14.78         519.58        796.34
000013    00   780801PC05002B5C1B.M2LIP.CO2         8757.01         47.96       48780.95         10.56
000014    00   780801PC05002B5C1B.M2LIP.INS        26027.32      29960.64      11421.97      29727.37
000015    00   780801PC05002B5C1B.M2LIP.SOL          827.35         23.14        1356.08        260.84
000016    00   780801PC05002B5C2B.M2LIP.CO2        17245.97        151.63         69.43        317.36
000017    00   780801PC05002B5C2B.M2LIP.INS        23329.79      29879.29      29899.11      29703.20
000018    00   780801PC05002B5C2B.M2LIP.SOL          475.84         61.78         279.46        182.81
000019    00   780801PC05002B5C1B.M3LIP.CO2        14615.43        917.69       9141.70      17946.55
000020    00   780801PC05002B5C1B.M3LIP.INS        23949.94      29649.84      26572.97      22500.21
000021    00   780801PC05002B5C1B.M3LIP.SOL          800.52         20.55         143.52        1053.78
000022    00   780801PC05002B5C2B.M3LIP.CO2        17296.93       1359.20      12440.43      23183.29
000023    00   780801PC05002B5C2B.M3LIP.INS        22279.26      29607.41      25129.76      18775.26
000024    00   780801PC05002B5C2B.M3LIP.SOL         1508.26         21.95         484.91        2897.81
000025    00   780802PC05002B5C1B.MOLIP.CO2          .00          11.61          7.15          3.20
000026    00   780802PC05002B5C1B.MOLIP.INS          .00      29884.12      29980.49      29990.14
000027    00   780802PC05002B5C1B.MOLIP.SOL          .00         115.41          3.85          6.81
000028    00   780803PC05002B5C2B.MOLIP.CO2          .00          1.74          5.33          4.35
000029    00   780803PC05002B5C2B.MOLIP.INS          .00      29983.82      29992.73      29980.41
000030    00   780802PC05002B5C2B.MOLIP.SOL          .00         15.56          5.35         18.03
000031    00   780803PC05002B5C1B.M1LIP.CO2        1516.93        177.61       1675.02         47.78
000032    00   780802PC05002B5C1B.M1LIP.INS        29182.62      29851.73      29066.35      29481.73
000033    00   780802PC05002B5C1B.M1LIP.SOL          271.82         14.48         332.98        522.90
000034    00   780802PC05002B5C2B.M1LIP.CO2           38.88          8.90         758.58        170.44
000035    00   780803PC05002B5C2B.M1LIP.INS        29004.03      29851.74      28490.87      29450.87
000036    00   780802PC05002B5C2B.M1LIP.SOL          182.00         25.40         122.55        116.87
000037    00   780802PC05002B5C1B.M2LIP.CO2          949.64        125.24          43.70        792.45
000038    00   780802PC05002B5C1B.M2LIP.INS        29417.85      29934.94      29812.86      29057.83
000039    00   780802PC05002B5C1B.M2LIP.SOL          241.06         20.08         171.45        657.64
000040    00   780802PC05002B5C2B.M2LIP.CO2         1471.79          6.41        2161.74        703.43
000041    00   780802PC05002B5C2B.M2LIP.INS        29271.12      29991.34      29108.11      29640.68
000042    00   780802PC05002B5C2B.M2LIP.SOL          200.25          5.28         129.48        356.78
000043    00   780803PC05002B5C1B.M3LIP.CO2         3381.38        469.09       1778.81       1744.40
000044    00   780802PC05002B5C1B.M3LIP.INS        28513.46      29118.44      24244.13      22828.64
000045    00   780802PC05002B5C1B.M3LIP.SOL          171.02         17.02         806.15        816.81
000046    00   780802PC05002B5C2B.M3LIP.CO2         4654.96       3129.52       1562.59       3260.50
000047    00   780802PC05002B5C2B.M3LIP.INS        29282.91      28658.46      29108.70      28606.91
000048    00   780802PC05002B5C2B.M3LIP.SOL           45.13        218.21        130.05        322.98
000049    00   780803PC05002B5C1B.MOLIP.CO2          .00           .53           .94          3.15
000050    00   780803PC05002B5C1B.MOLIP.INS          .00      29995.93      29995.92      29994.88
000051    00   780803PC05002B5C1B.MOLIP.SOL          .00          3.88          3.14          3.99
000052    00   780803PC05002B5C2B.MOLIP.CO2          .00          1.82           .25          6.08
000053    00   780803PC05002B5C2B.MOLIP.INS          .00      29985.00      29997.44      29981.95
000054    00   780803PC05002B5C2B.MOLIP.SOL          .00         14.34          2.47         15.86
000055    00   780803PC05002B5C1B.M1LIP.CO2          .00          2.00          1.00          1.41
000056    00   780803PC05002B5C1B.M1LIP.INS        29875.12      29990.89      29984.20      29984.06
000057    00   780803PC05002B5C1B.M1LIP.SOL           42.75          5.85          9.11          8.25
000058    00   780803PC05002B5C2B.M1LIP.CO2         1060.32        186.59       1427.24       1781.60
000059    00   780803PC05002B5C2B.M1LIP.INS        29013.18      29928.23      29139.44      28636.78
000060    00   780803PC05002B5C2B.M1LIP.SOL          605.98          4.75         357.10        724.30
000061    00   780803PC05002B5C1B.M2LIP.CO2         1013.08        279.16         898.66       1297.61
000062    00   780803PC05002B5C1B.M2LIP.INS        29355.06      29873.18      29204.08      28404.92
000063    00   780803PC05002B5C1B.M2LIP.SOL          281.06         26.56         471.14       1129.01
000064    00   780803PC05002B5C2B.M2LIP.CO2          292.29       1135.14       1707.63        397.05
000065    00   780803PC05002B5C2B.M2LIP.INS        29554.09      29574.97      29176.56      29713.87
000066    00   780803PC05002B5C2B.M2LIP.SOL          340.92        174.81        210.09        143.52
000067    00   780803PC05002B5C1B.M3LIP.CO2         7113.62        580.33       2644.35       4371.17
000068    00   780803PC05002B5C1B.M3LIP.INS        27296.60      29775.64      28370.58      23715.41
000069    00   780803PC05002B5C1B.M3LIP.SOL          126.79         15.86         666.03       1122.77
000070    00   780803PC05002B5C2B.M3LIP.CO2         2934.86        289.00       2800.29        954.00
000071    00   780803PC05002B5C2B.M3LIP.INS        28520.77      29870.16      28431.81      29499.15
000072    00   780803PC05002B5C2B.M3LIP.SOL          425.09         26.88         562.25        158.19
000073    00   780804PC05002B5C1B.MOLIP.CO2          .00          3.38           .08          5.17
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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	29982.68	29986.19
000078	00	780804PC0500285C2B.MOLIP.SOL	.00	24.65	15.62	13.63
000079	00	780804PC0500285C1B.M1LIP.CO2	1355.47	229.32	831.79	2187.20
000080	00	780804PC0500285C1B.M1LIP.INS	29139.64	29905.15	29050.26	26751.65
000081	00	780804PC0500285C1B.M1LIP.SOL	373.50	12.59	650.97	2462.76
000082	00	780804PC0500285C2B.M1LIP.CO2	2682.17	598.18	3215.03	3395.38
000083	00	780804PC0500285C2B.M1LIP.INS	28044.62	29750.73	28156.93	27677.45
000084	00	780804PC0500285C2B.M1LIP.SOL	972.01	34.41	689.20	1103.00
000085	00	780804PC0500285C1B.M2LIP.CO2	663.96	121.46	337.79	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	1360.47
000088	00	780804PC0500285C2B.M2LIP.CO2	7097.39	574.63	1445.56	1270.60
000089	00	780804PC0500285C2B.M2LIP.INS	24560.28	29734.96	28845.68	29152.38
000090	00	780804PC0500285C2B.M2LIP.SOL	2890.49	58.65	635.11	391.25
000091	00	780804PC0500285C1B.M3LIP.CO2	5846.58	420.75	11905.23	8042.12
000092	00	780804PC0500285C1B.M3LIP.INS	27197.41	29820.65	25356.73	25603.92
000093	00	780804PC0500285C1B.M3LIP.SOL	712.62	28.23	367.12	1507.52
000094	00	780804PC0500285C2B.M3LIP.CO2	3460.06	306.35	1440.75	8141.47
000095	00	780804PC0500285C2B.M3LIP.INS	23692.68	29859.26	22360.82	25637.46
000096	00	780804PC0500285C2B.M3LIP.SOL	64.55	30.71	2466.75	1438.31
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	780821CC0500285C2B.MOLIP.CO2	.00	6.80	5.98	26.01
000101	00	780821CC0500285C2B.MOLIP.INS	.00	29924.85	29945.41	29950.42
000102	00	780821CC0500285C2B.MOLIP.SOL	.00	72.71	52.45	40.24
000103	00	780821CC0500285C1B.M1LIP.CO2	11625.30	159.06	2381.48	1489.22
000104	00	780821CC0500285C1B.M1LIP.INS	20381.42	29719.18	27999.40	27874.38
000105	00	780821CC0500285C1B.M1LIP.SOL	5443.03	223.69	1145.04	1590.73
000106	00	780821CC0500285C2B.M1LIP.CO2	1195.06	234.69	196.37	6503.22
000107	00	780821CC0500285C2B.M1LIP.INS	29150.16	29862.55	29475.22	27007.69
000108	00	780821CC0500285C2B.M1LIP.SOL	411.60	53.15	454.25	656.50
000109	00	780821CC0500285C1B.M2LIP.CO2	7227.33	362.79	1983.15	6950.53
000110	00	780821CC0500285C1B.M2LIP.INS	26116.24	29767.09	28556.57	26215.35
000111	00	780821CC0500285C1B.M2LIP.SOL	1287.86	102.69	731.13	1288.17
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	26947.25	2226.02	4311.05	11303.42
000116	00	780821CC0500285C1B.M3LIP.INS	19974.69	29152.75	26991.14	24924.33
000117	00	780821CC0500285C1B.M3LIP.SOL	1332.07	47.71	360.42	1015.73
000118	00	780821CC0500285C2B.M3LIP.CO2	23035.02	1878.16	1687.06	14112.99
000119	00	780821CC0500285C2B.M3LIP.INS	20927.43	29290.98	29014.84	24897.18
000120	00	780821CC0500285C2B.M3LIP.SOL	798.69	38.42	379.50	333.74
000121	00	780822CC0500285C1B.MOLIP.CO2	.00	90.38	585.71	71.68
000122	00	780822CC0500285C1B.MOLIP.INS	.00	28847.98	28891.02	28064.83
000123	00	780822CC0500285C1B.MOLIP.SOL	.00	1114.56	808.61	1009.42
000124	00	780822CC0500285C2B.MOLIP.CO2	.00	64.53	24.88	204.02
000125	00	780822CC0500285C2B.MOLIP.INS	.00	29932.91	29979.11	29893.92
000126	00	780822CC0500285C2B.MOLIP.SOL	.00	43.91	11.96	32.80
000127	00	780822CC0500285C1B.M1LIP.CO2	2727.69	5641.90	2256.85	4193.55
000128	00	780822CC0500285C1B.M1LIP.INS	28459.78	26021.88	28396.40	26795.03
000129	00	780822CC0500285C1B.M1LIP.SOL	567.68	1951.67	792.99	1698.73
000130	00	780822CC0500285C2B.M1LIP.CO2	7431.84	137.05	2799.23	5465.03
000131	00	780822CC0500285C2B.M1LIP.INS	25540.87	29897.25	28485.82	27477.43
000132	00	780822CC0500285C2B.M1LIP.SOL	1790.57	53.53	508.76	559.65
000133	00	780822CC0500285C1B.M2LIP.CO2	7115.21	2949.55	7124.26	20505.84
000134	00	780822CC0500285C1B.M2LIP.INS	27074.90	28607.16	26829.15	20919.83
000135	00	780822CC0500285C1B.M2LIP.SOL	369.47	333.42	611.97	1714.62
000136	00	780822CC0500285C2B.M2LIP.CO2	7455.61	6461.23	4053.09	11239.20
000137	00	780822CC0500285C2B.M2LIP.INS	26563.91	27540.29	28302.19	25115.19
000138	00	780822CC0500285C2B.M2LIP.SOL	758.20	139.07	242.02	847.93
000139	00	780822CC0500285C1B.M3LIP.CO2	13191.83	8449.59	19226.93	19326.77
000140	00	780822CC0500285C1B.M3LIP.INS	24572.32	26428.03	25768.12	21733.47
000141	00	780822CC0500285C1B.M3LIP.SOL	689.47	537.06	558.91	1324.78
000142	00	780822CC0500285C2B.M3LIP.CO2	2117.48	64.54	12350.17	20489.31
000143	00	780822CC0500285C2B.M3LIP.INS	29142.91	29915.34	25289.81	21860.34
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	29977.41	29981.78	29985.35
000147	00	780823CC0500285C1B.MOLIP.SOL	.00	29.72	15.42	14.66
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	31.89	28.93	25.09
000151	00	780823CC0500285C1B.M1LIP.CO2	11218.38	278.37	168.18	79.86

000152	00	780823CC050028SC1B.M1LIP.INS	23842.55	29841.18	27898.40	27263.64
000153	00	780823CC050028SC1B.M1LIP.SOL	2128.06	58.84	2041.20	2707.68
000154	00	780823CC050028SC2B.M1LIP.CO2	257.64	284.55	466.56	11.21
000155	00	780823CC050028SC2B.M1LIP.INS	28477.35	28451.79	29874.29	29247.63
000156	00	23CC050028SC2B.M1LIP.SOL	1430.11	1446.09	798.13	748.34
000157	00	780823CC050028SC1B.M2LIP.CO2	709.59	24.04	1464.04	844.55
000158	00	780823CC050028SC1B.M2LIP.INS	28015.16	29924.17	28506.01	26719.61
000159	00	780823CC050028SC1B.M2LIP.SOL	1729.97	67.20	968.14	2977.05
000160	00	780823CC050028SC2B.M2LIP.CO2	3535.08	2.53	50.01	8047.12
000161	00	780823CC050028SC2B.M2LIP.INS	21346.62	29961.57	28351.57	24724.96
000162	00	780823CC050028SC2B.M2LIP.SOL	7381.65	37.52	1630.47	2384.69
000163	00	780823CC050028SC1B.M3LIP.CO2	12921.58	429.16	18642.98	25928.58
000164	00	780823CC050028SC1B.M3LIP.INS	22936.61	29767.88	25346.56	19361.93
000165	00	780823CC050028SC1B.M3LIP.SOL	2432.25	81.21	830.74	1325.09
000166	00	780823CC050028SC2B.M3LIP.CO2	18493.75	1170.21	26315.41	16061.74
000167	00	780823CC050028SC2B.M3LIP.INS	23758.12	29434.74	18372.16	22748.86
000168	00	780823CC050028SC2B.M3LIP.SOL	2599.33	144.94	2175.92	1482.93
000169	00	780824CC050028SC1B.M0LIP.CO2	.00	154.55	65.78	33.55
000170	00	780824CC050028SC1B.M0LIP.INS	.00	28828.75	29933.52	29961.38
000171	00	780824CC050028SC1B.M0LIP.SOL	.00	1115.74	42.86	26.57
000172	00	780824CC050028SC2B.M0LIP.CO2	.00	106.74	233.01	604.90
000173	00	780824CC050028SC2B.M0LIP.INS	.00	29934.22	29846.77	29586.95
000174	00	780824CC050028SC2B.M0LIP.SOL	.00	27.44	69.54	195.79
000175	00	780824CC050028SC1B.M1LIP.CO2	2372.95	36.02	3924.22	1848.24
000176	00	780824CC050028SC1B.M1LIP.INS	28580.13	29959.83	27981.45	28965.17
000177	00	780824CC050028SC1B.M1LIP.SOL	567.56	26.91	609.06	370.99
000178	00	780824CC050028SC2B.M1LIP.CO2	1579.28	51.03	1742.72	2840.57
000179	00	780824CC050028SC2B.M1LIP.INS	29140.32	29895.79	29261.82	28026.60
000180	00	780824CC050028SC2B.M1LIP.SOL	292.43	85.60	112.23	953.13
000181	00	780824CC050028SC1B.M2LIP.CO2	2894.59	926.63	2839.36	8659.90
000182	00	780824CC050028SC1B.M2LIP.INS	28454.87	29534.96	28478.65	26089.48
000183	00	780824CC050028SC1B.M2LIP.SOL	505.46	132.21	501.51	800.07
000184	00	780824CC050028SC2B.M2LIP.CO2	7208.59	176.53	1802.19	2905.90
000185	00	780824CC050028SC2B.M2LIP.INS	26588.38	29921.77	29485.45	28799.18
000186	00	780824CC050028SC2B.M2LIP.SOL	822.45	14.32	154.59	128.35
000187	00	780824CC050028SC1B.M3LIP.CO2	7082.87	442.76	7128.16	18206.76
000188	00	780824CC050028SC1B.M3LIP.INS	27119.65	29800.53	26940.12	22306.65
000189	00	780824CC050028SC1B.M3LIP.SOL	365.03	137.63	499.61	1153.68
000190	00	780824CC050028SC2B.M3LIP.CO2	9500.09	23.64	12140.92	18370.93
000191	00	780824CC050028SC2B.M3LIP.INS	26132.03	29962.48	24719.49	22800.78
000192	00	780824CC050028SC2B.M3LIP.SOL	955.75	29.86	919.76	600.78

END ELI.

SHOS,P ****** MICROBIAL ******

ELT,L RFHLBCR2,MICROBIAL												
ELT007 SL73R1 05/29/79 11 53 35 (0,)												
000001	00	780801PED5002B51.B.M	89000.	4000.	900.	100.	.045	2.3-	2.3-	0.	M	
000002	00	780801PED5002B52.B.M	47000.	3300.	100.	100.	.070	9.3-	2.3-	0.	M	
000003	00	780801PED5002B53.B.M	83000.	4300.	2600.	500.	.052	4.3-	24.0-	0.	M	
000004	00	780801PED5002B54.B.M	75000.	7300.	1600.	400.	.097	4.3-	2.3-	0.	M	
000005	00	780801PND5002B51.B.M	76000.	2000.	500.	200.	.026	24.0	2.3-	0.	M	
000006	00	780801PND5002B52.B.M	63000.	7700.	200.	50.	.122	4.3-	2.3-	0.	M	
000007	00	780801PND5002B53.B.M	77000.	3000.	400.	50.	.039	9.3-	4.3-	0.	M	
000008	00	780801PND5002B54.B.M	48000.	2000.	500.	200.	.042	2.3-	2.3-	0.	M	
000009	00	780801PSD5002B51.B.M	59000.	7300.	1300.	200.	.124	4.3-	2.3-	0.	M	
000010	00	780801PSD5002B52.B.M	63000.	2700.	300.	50.	.043	2.3-	2.3-	0.	M	
000011	00	780801PSD5002B53.B.M	1200000.	3100.	800.	100.	.003	2.3-	9.3-	0.	M	
000012	00	780801PSD5002B54.B.M	94000.	5700.	700.	200.	.061	2.3-	2.3-	0.	M	
000013	00	780801PWD5002B51.B.M	72000.	3000.	2400.	200.	.042	9.3-	2.3-	0.	M	
000014	00	780801PWD5002B52.B.M	61000.	5300.	900.	600.	.065	9.3-	4.3-	0.	M	
000015	00	780801PWD5002B53.B.M	69000.	7300.	600.	200.	.106	4.3-	2.3-	0.	M	
000016	00	780801PWD5002B54.B.M	86000.	8700.	1200.	100.	.101	2.3-	4.3-	0.	M	
000017	00	780802PED5002B51.B.M	110000.	9300.	400.	50.	.085	9.3-	4.3-	0.	M	
000018	00	780802PED5002B52.B.M	67000.	3300.	700.	200.	.049	9.3-	2.3-	0.	M	
000019	00	780802PED5002B53.B.M	96000.	4300.	200.	50.	.045	2.3-	.9	0.	M	
000020	00	780802PED5002B54.B.M	62000.	7700.	1600.	50.	.124	2.3-	.9	0.	M	
000021	00	780802PND5002B51.B.M	74000.	16000.	2000.	200.	.216	110.0	4.3-	0.	M	
000022	00	780802PND5002B52.B.M	93000.	4700.	2300.	200.	.051	4.3-	2.3-	0.	M	
000023	00	780802PND5002B53.B.M	96000.	28000.	1200.	200.	.292	9.3-	4.3-	0.	M	
000024	00	780802PND5002B54.B.M	110000.	28000.	1700.	300.	.255	9.3-	4.3-	0.	M	
000025	00	780802PSD5002B51.B.M	48000.	7300.	100.	50.	.152	2.3-	2.3-	0.	M	
000026	00	780802PSD5002B52.B.M	71000.	17000.	300.	50.	.239	9.3-	2.3-	0.	M	
000027	00	780802PSD5002B53.B.M	73000.	17000.	100.	50.	.233	4.3-	4.3-	0.	M	
000028	00	780802PSD5002B54.B.M	72000.	9300.	100.	50.	.129	4.3-	2.3-	0.	M	
000029	00	780802PWD5002B51.B.M	72000.	6300.	500.	200.	.087	4.3-	2.3-	0.	M	
000030	00	780802PWD5002B52.B.M	130000.	4700.	700.	300.	.036	4.3-	2.3-	0.	M	
000031	00	780802PWD5002B53.B.M	78000.	9700.	300.	100.	.124	2.3-	2.3-	0.	M	
000032	00	780802PWD5002B54.B.M	60000.	13000.	700.	200.	.217	2.3-	9.3-	0.	M	
000033	00	780803PED5002B51.B.M	38000.	1000.	300.	50.	.026	4.3-	2.3-	0.	M	
000034	00	780803PED5002B52.B.M	45000.	1700.	1600.	200.	.038	110.0	4.3-	0.	M	
000035	00	780803PED5002B53.B.M	54000.	3300.	200.	50.	.061	4.3-	2.3-	0.	M	
000036	00	780803PED5002B54.B.M	35000.	11000.	1000.	50.	.314	460.0	2.3-	0.	M	
000037	00	780803PND5002B51.B.M	170000.	5700.	800.	100.	.034	4.3-	2.3-	0.	M	
000038	00	780803PND5002B52.B.M	310000.	3700.	3000.	500.	.012	9.3-	2.3-	0.	M	
000039	00	780803PND5002B53.B.M	43000.	2700.	1600.	300.	.063	9.3-	9.3-	0.	M	
000040	00	780803PND5002B54.B.M	52000.	1700.	1600.	200.	.033	4.3-	4.3-	0.	M	
000041	00	780803PSD5002B51.B.M	47000.	4700.	600.	50.	.100	9.3-	4.3-	0.	M	
000042	00	780803PSD5002B52.B.M	52000.	1900.	50.	200.	.019	46.0	9.3-	0.	M	
000043	00	780803PSD5002B53.B.M	56000.	3000.	1600.	300.	.054	9.3-	2.3-	0.	M	
000044	00	780803PSD5002B54.B.M	54000.	2300.	800.	100.	.043	4.3-	.9	0.	M	
000045	00	780803PSD5002B54.B.M	52000.	3700.	1100.	100.	.071	4.3-	.9	0.	M	
000046	00	780803PWD5002B51.B.M	60000.	1700.	1100.	400.	.028	9.3-	2.3-	0.	M	
000047	00	780803PWD5002B52.B.M	75000.	1700.	900.	300.	.023	2.3-	4.3-	0.	M	
000048	00	780803PWD5002B53.B.M	48000.	8000.	900.	100.	.167	2.4	2.3-	0.	M	
000049	00	780804PED5002B51.B.M	61000.	3300.	600.	400.	.054	9.3-	2.3-	0.	M	
000050	00	780804PED5002B52.B.M	43000.	1300.	400.	400.	.030	9.3-	2.3-	0.	M	
000051	00	780804PED5002B53.B.M	32000.	1000.	600.	50.	.031	9.3-	2.3-	0.	M	
000052	00	780804PED5002B54.B.M	33000.	3300.	1000.	200.	.100	2.3-	2.3-	0.	M	
000053	00	780804PND5002B51.B.M	36000.	1700.	1500.	700.	.047	4.3-	2.3-	0.	M	
000054	00	780804PND5002B52.B.M	34000.	3400.	100.	50.	.079	4.3-	2.3-	0.	M	
000055	00	780804PND5002B53.B.M	38000.	700.	300.	500.	.018	4.3-	4.3-	0.	M	
000056	00	780804PND5002B54.B.M	56000.	2300.	400.	6200.	.041	9.3-	24.0-	0.	M	
000057	00	780804PSD5002B51.B.M	26000.	8700.	1100.	50.	.181	2.3-	9.3-	0.	M	
000058	00	780804PSD5002B52.B.M	31000.	700.	200.	400.	.023	4.3-	2.3-	0.	M	
000059	00	780804PSD5002B53.B.M	35000.	2700.	1600.	100.	.077	4.3	4.3-	0.	M	
000060	00	780804PSD5002B54.B.M	30000.	2300.	300.	700.	.077	1100.0	2.3-	0.	M	
000061	00	780804PWD5002B51.B.M	28000.	3700.	700.	300.	.132	2.3-	4.3-	0.	M	
000062	00	780804PWD5002B52.B.M	41000.	3000.	200.	50.	.073	9.3-	2.3-	0.	M	
000063	00	780804PWD5002B53.B.M	36000.	3300.	300.	500.	.092	4.3	2.3-	0.	M	
000064	00	780804PWD5002B54.B.M	41000.	1300.	500.	100.	.032	4.3-	2.3-	0.	M	
000065	00	780805SND5002B51.B.M	120000.	64000.	400.	200.	.542	-9.3	9.3-	0.	M	
000066	00	780805SND5002B52.B.M	370000.	81000.	700.	200.	.222	-9.3	21.0	0.	M	
000067	00	780805SND5002B53.B.M	310000.	72000.	1700.	200.	.232	-9.3	9.3-	0.	M	
000068	00	780805SND5002B54.B.M	470000.	66000.	500.	200.	.140	-9.3	4.3-	0.	M	
000069	00	780806SND5002B51.B.M	140000.	9000.	1100.	200.	.064	-9.3	24.0-	0.	M	
000070	00	780806SND5002B52.B.M	290000.	7000.	1200.	50.	.024	-9.3	4.3-	0.	M	
000071	00	780806SND5002B53.B.M	260000.	7000.	1000.	50.	.027	-46.0	9.3-	0.	M	
000072	00	780806SND5002B54.B.M	90000.	7000.	300.	50.	.078	-9.3	4.3-	0.	M	
000073	00	780807SND5002B51.B.M	110000.	15000.	500.	500.	.136	-9.3	4.3-	0.	M	

000074	00	780807SN05002853.8.M	120000.	17000.	600.	200.	.142	-46.0	24.0-	0.	M
000075	00	780807SN05002854.8.M	90000.	8000.	400.	50.	.089	-2.3	24.0-	0.	M
000076	00	780807SN05002851.8.M	84000.	10000.	1500.	100.	.119	-4.3	2.3-	0.	M
000077	00	780808SN05002851.8.M	62000.	11000.	1000.	300.	.177	-.9	4.3-	0.	M
000078	00	780808SN05002852.8.M	120000.	11000.	900.	2100.	.092	-4.3	4.3-	0.	M
000079	00	780808SN05002853.8.M	60000.	5000.	700.	50.	.100	-9.3	4.3-	0.	M
000080	00	780808SN05002854.8.M	53000.	9000.	1700.	300.	.170	-110.0	9.3-	0.	M
000081	00	780809SN05002851.8.M	70000.	20000.	600.	200.	.286	-24.0	4.3-	0.	M
000082	00	780809SN05002852.8.M	46000.	14000.	1500.	200.	.163	-9.3	9.3-	0.	M
000083	00	780809SN05002853.8.M	72000.	12000.	3400.	300.	.167	-9.3	4.3-	0.	M
000084	00	780809SN05002854.8.M	70000.	13000.	1200.	50.	.186	-110.0	15.0-	0.	M
000085	00	780810SN05002851.8.M	54000.	3200.	900.	1030.	.059	46.0	2.3-	100.	M
000086	00	780810SN05002852.8.M	12000.	3200.	2400.	2400.	.267	-24.0	2.3-	0.	M
000087	00	780810SN05002853.8.M	11000.	2200.	370.	700.	.200	-24.0	2.3-	0.	M
000088	00	780810SN05002854.8.M	58000.	10000.	870.	1000.	.172	-9.3	2.3-	0.	M
000089	00	780811SN05002851.8.M	71000.	3000.	4500.	2200.	.042	-24.0	4.3-	230.	M
000090	00	780811SN05002852.8.M	48000.	3500.	800.	1600.	.041	-9.3	2.3-	0.	M
000091	00	780811SN05002853.8.M	44000.	5100.	1100.	700.	.116	-9.3	4.3-	0.	M
000092	00	780811SN05002854.8.M	110000.	3800.	600.	700.	.035	-9.3	2.3-	0.	M
000093	00	780812SN05002851.8.M	53000.	18000.	1200.	50.	.340	-9.3	4.3-	0.	M
000094	00	780812SN05002852.8.M	58000.	17000.	1000.	50.	.293	-9.3	9.3-	0.	M
000095	00	780812SN05002853.8.M	51000.	12000.	1000.	50.	.235	-4.3	24.0-	0.	M
000096	00	780812SN05002854.8.M	48000.	11000.	400.	50.	.229	-110.0	2.3-	0.	M
000097	00	780813SN05002851.8.M	67000.	32000.	2100.	50.	.478	-110.0	4.3-	0.	M
000098	00	780813SN05002852.8.M	90000.	30000.	5300.	100.	.333	-110.0	4.3-	0.	M
000099	00	780813SN05002853.8.M	98000.	10000.	1000.	50.	.102	-4.3	9.3-	0.	M
000100	00	780813SN05002854.8.M	90000.	15000.	500.	50.	.167	-9.3	24.0-	0.	M
000101	00	780814SN05002851.8.M	13000.	1100.	1300.	600.	.085	2.4	2.3-	420.	M
000102	00	780814SN05002852.8.M	16000.	1700.	2500.	2500.	.106	-9.3	2.3-	0.	M
000103	00	780814SN05002853.8.M	8000.	4400.	700.	700.	.550	-9.3	2.3-	0.	M
000104	00	780814SN05002854.8.M	33000.	700.	2300.	2000.	.021	-9.3	2.3-	0.	M
000105	00	780815SN05002851.8.M	7000.	8000.	1300.	400.	1.143	-2.3	2.3-	0.	M
000106	00	780815SN05002852.8.M	13000.	10000.	1100.	50.	.769	-.4	2.3-	0.	M
000107	00	780815SN05002853.8.M	15000.	10000.	900.	300.	.667	-2.3	2.3-	0.	M
000108	00	780815SN05002854.8.M	16000.	5000.	400.	50.	.333	-2.3	2.3-	0.	M
000109	00	780816SN05002851.8.M	37000.	15000.	400.	100.	.405	.9	2.3-	0.	M
000110	00	780816SN05002852.8.M	52000.	8000.	600.	200.	.154	.9	2.3-	0.	M
000111	00	780816SN05002853.8.M	44000.	16000.	400.	100.	.364	.4	2.3-	0.	M
000112	00	780816SN05002854.8.M	35000.	7000.	300.	100.	.200	-4.3	2.3-	0.	M
000113	00	780817SN05002851.8.M	27000.	13000.	1800.	700.	.481	.9	2.3-	0.	M
000114	00	780817SN05002852.8.M	32000.	21000.	3400.	900.	.656	-2.3	2.3-	0.	M
000115	00	780817SN05002853.8.M	19000.	9000.	1300.	200.	.474	.4	2.3-	0.	M
000116	00	780817SN05002854.8.M	22000.	18000.	900.	50.	.818	.4	2.3-	0.	M
000117	00	780818SN05002851.8.M	32000.	700.	700.	500.	.022	-9.3	2.3-	85.	M
000118	00	780818SN05002852.8.M	24000.	4100.	70.	70.	.154	-4.3	2.3-	0.	M
000119	00	780818SN05002853.8.M	220000.	900.	1100.	500.	.004	-9.3	2.3-	0.	M
000120	00	780818SN05002854.8.M	4000.	1700.	1500.	1300.	.425	2.3	2.3-	0.	M
000121	00	780819SN05002851.8.M	3000.	500.	700.	500.	.167	.9	.0	520.	M
000122	00	780819SN05002852.8.M	6000.	600.	300.	200.	.100	2.3	.0	0.	M
000123	00	780819SN05002853.8.M	7000.	700.	500.	600.	.100	2.3	.0	0.	M
000124	00	780819SN05002854.8.M	3000.	500.	800.	400.	.167	2.3	.0	0.	M
000125	00	780820SN05002851.8.M	30000.	3900.	130.	200.	.130	4.3	2.3-	33.	M
000126	00	780820SN05002852.8.M	37000.	2400.	400.	300.	.065	7.5	2.3-	0.	M
000127	00	780820SN05002853.8.M	170000.	3300.	600.	400.	.019	7.5	2.3-	0.	M
000128	00	780820SN05002854.8.M	59000.	4500.	300.	200.	.076	-4.3	2.3-	0.	M
000129	00	780821C 05002851.8.M	120000.	3000.	400.	200.	.025	2.3	9.3-	0.	M
000130	00	780821C 05002852.8.M	1400000.	13000.	2900.	600.	.031	2.3	4.3-	0.	M
000131	00	780821C 05002853.8.M	51000.	7000.	700.	800.	.137	.7	2.3-	0.	M
000132	00	780821C 05002854.8.M	84000.	33000.	200.	100.	.393	1.5	4.3-	0.	M
000133	00	780822C 05002852.8.M	51000.	300.	430.	300.	.006	24.0	2.3-	330.	M
000134	00	780822C 05002853.8.M	46000.	200.	170.	230.	.004	43.0	2.3-	0.	M
000135	00	780822C 05002853.8.M	52000.	1700.	1300.	1100.	.033	24.0	2.3-	0.	M
000136	00	780822C 05002854.8.M	54000.	9000.	3400.	3600.	.167	110.0	4.3-	0.	M
000137	00	780823C 05002851.8.M	34000.	3300.	3200.	580.	.097	4.3	4.3-	0.	M
000138	00	780823C 05002852.8.M	38000.	4300.	200.	100.	.113	9.3	2.3-	0.	M
000139	00	780823C 05002853.8.M	30000.	3300.	1700.	500.	.110	9.3	2.3-	0.	M
000140	00	780823C 05002854.8.M	60000.	1300.	800.	400.	.022	2.3	4.3-	0.	M
000141	00	780824C 05002851.8.M	48000.	1900.	1100.	1300.	.040	24.0	2.3-	30.	M
000142	00	780824C 05002852.8.M	5300.	1400.	1300.	700.	.283	46.0	2.3-	30.	M
000143	00	780824C 05002853.8.M	77000.	15000.	2100.	1800.	.195	110.0	2.3-	30.	M
000144	00	780824C 05002854.8.M	48000.	1100.	1300.	1200.	.023	24.0	2.3-	30.	M

END ELT.

&HDG,? ****** NFIx ******

ELT,L RFNLBCK2,NOPT.						
ELTDO7 SL73RL 06/28/89.11.43.24/001						
000001	00	780801CC0500285C1B.MONFIXCO2	22.000	23.000	22.000	20.000
000002	00	780801PC0500285C1B.MONFIXCO2	22.000	23.000	22.000	20.000
000003	00	780801PC0500285C1B.MONFIXN2	79.000	79.000	78.000	84.000
000004	00	780801PC0500285C1B.M1NFIXAR	13.951	13.888	14.438	14.123
000005	00	780801PC0500285C1B.M1NFIXCO2	13.636	13.696	13.636	15.000
000006	00	780801PC0500285C1B.M1NFIXN2	43.849	44.488	47.256	42.860
000007	00	780801PC0500285C1B.M2NFIXAR	13.668	14.520	14.876	14.047
000008	00	780801CC0500285C2B.M2NFIXCO2	15.000	15.000	15.682	17.250
000009	00	780801PC0500285C2B.M2NFIXN2	47.745	47.743	52.781	50.803
000010	00	780801PC0500285C1B.M3NFIXAR	13.809	13.958	13.928	13.743
000011	00	780801CC0500285C1B.M3NFIXCO2	15.682	14.348	15.000	18.000
000012	00	780801PC0500285C1B.M3NFIXN2	49.370	49.370	52.751	53.065
000013	00	780801PC0500285C2B.MONFIXAR	204.000	204.000	203.000	202.000
000014	00	780801CC0500285C2B.MONFIXCO2	22.000	23.000	23.000	22.000
000015	00	780801PC0500285C2B.MONFIXN2	76.000	76.000	79.000	75.000
000016	00	780801PC0500285C2B.M1NFIXAR	14.287	14.586	14.657	14.799
000017	00	780801CC0500285C2B.M1NFIXCO2	13.636	13.696	13.636	14.318
000018	00	780801PC0500285C2B.M1NFIXN2	99.819	43.988	46.658	44.574
000019	00	780801PC0500285C2B.M2NFIXAR	14.441	14.730	14.367	14.730
000020	00	780801CC0500285C2B.M2NFIXCO2	15.000	15.000	14.348	16.364
000021	00	780801PC0500285C2B.M2NFIXN2	51.318	49.063	48.285	51.146
000022	00	780801PC0500285C2B.M3NFIXAR	13.575	14.297	14.367	14.220
000023	00	780801CC0500285C2B.M3NFIXCO2	15.000	14.348	15.000	16.364
000024	00	780801PC0500285C2B.M3NFIXN2	54.183	51.883	49.811	54.040
000025	00	780802CC0500285C1B.MONFIXAR	204.000	201.000	193.000	198.000
000026	00	780802CC0500285C1B.MONFIXCO2	25.000	25.000	23.000	23.000
000027	00	780802PC0500285C1B.MONFIXN2	75.000	77.000	79.000	74.000
000028	00	780802PC0500285C1B.M1NFIXAR	14.447	15.020	14.883	14.878
000029	00	780802CC0500285C1B.M1NFIXCO2	12.600	13.200	13.043	13.696
000030	00	780802PC0500285C1B.M1NFIXN2	42.289	47.313	43.403	46.335
000031	00	780802PC0500285C1B.M2NFIXAR	14.447	14.585	14.806	14.952
000032	00	780802CC0500285C1B.M2NFIXCO2	13.200	13.200	13.696	14.348
000033	00	780802PC0500285C1B.M2NFIXN2	47.668	48.426	47.403	51.948
000034	00	780802PC0500285C1B.M3NFIXAR	14.376	14.657	15.112	14.730
000035	00	780802CC0500285C1B.M3NFIXCO2	13.200	13.200	14.348	15.000
000036	00	780802PC0500285C1B.M3NFIXN2	42.860	52.323	47.200	52.127
000037	00	780802PC0500285C2B.MONFIXAR	205.000	195.000	203.000	208.000
000038	00	780802CC0500285C2B.MONFIXCO2	24.000	24.000	24.000	24.000
000039	00	780802PC0500285C2B.MONFIXN2	78.000	78.000	76.000	78.000
000040	00	780802PC0500285C2B.M1NFIXAR	14.601	14.951	14.731	14.731
000041	00	780802CC0500285C2B.M1NFIXCO2	13.200	13.200	13.696	14.348
000042	00	780802PC0500285C2B.M1NFIXN2	45.058	42.860	43.988	42.311
000043	00	780802PC0500285C2B.M2NFIXAR	14.371	15.334	14.803	14.659
000044	00	780802CC0500285C2B.M2NFIXCO2	13.750	14.375	13.750	13.750
000045	00	780802PC0500285C2B.M2NFIXN2	45.058	47.805	49.627	46.706
000046	00	780802PC0500285C2B.M3NFIXAR	14.145	14.881	14.883	14.586
000047	00	780802CC0500285C2B.M3NFIXCO2	13.750	13.750	13.750	14.375
000048	00	780802PC0500285C2B.M3NFIXN2	53.544	51.102	51.102	51.102
000049	00	780803PC0500285C1B.MONFIXAR	194.000	201.000	201.000	201.000
000050	00	780803CC0500285C1B.MONFIXCO2	21.000	23.000	22.000	24.000
000051	00	780803PC0500285C1B.MONFIXN2	85.000	77.000	78.000	77.000
000052	00	780803PC0500285C1B.M1NFIXAR	14.730	14.959	14.802	14.448
000053	00	780803CC0500285C1B.M1NFIXCO2	12.857	11.087	12.865	11.875
000054	00	780803PC0500285C1B.M1NFIXN2	47.344	46.200	44.385	44.808
000055	00	780803PC0500285C1B.M2NFIXAR	14.212	14.730	14.366	14.659
000056	00	780803CC0500285C1B.M2NFIXCO2	13.571	11.087	12.273	11.875
000057	00	780803PC0500285C1B.M2NFIXN2	59.429	48.825	44.354	47.008
000058	00	780803PC0500285C1B.M3NFIXAR	13.472	14.977	13.940	14.378
000059	00	780803CC0500285C1B.M3NFIXCO2	12.143	11.087	12.273	11.875
000060	00	780803PC0500285C1B.M3NFIXN2	51.936	51.209	51.652	45.086
000061	00	780803PC0500285C2B.MONFIXAR	205.000	204.000	201.000	210.000
000062	00	780803CC0500285C2B.MONFIXCO2	23.000	21.000	22.000	24.000
000063	00	780803PC0500285C2B.MONFIXN2	75.000	77.000	82.000	81.000
000064	00	780803PC0500285C2B.M1NFIXAR	14.883	14.730	15.118	14.659
000065	00	780803CC0500285C2B.M1NFIXCO2	11.739	13.571	12.955	12.000
000066	00	780803PC0500285C2B.M1NFIXN2	43.431	43.417	49.610	43.409
000067	00	780803PC0500285C2B.M2NFIXAR	14.658	14.874	14.657	14.449
000068	00	780803CC0500285C2B.M2NFIXCO2	11.739	13.571	11.591	12.600
000069	00	780803PC0500285C2B.M2NFIXN2	44.003	44.530	50.700	43.409
000070	00	780803PC0500285C2B.M3NFIXAR	14.730	14.441	14.511	14.299
000071	00	780803CC0500285C2B.M3NFIXCO2	11.087	13.571	12.273	12.600
000072	00	780803PC0500285C2B.M3NFIXN2	49.574	43.417	50.700	43.409
000073	00	780804PC0500285C1B.MONFIXAR	204.000	204.000	207.000	202.000

000074	00	780804CC05002B5C1B.M0NFIXC02	21.000	21.000	22.000	21.000
000075	00	780804PC05002B5C1B.M0NFIXN2	76.000	76.000	76.000	82.000
000076	00	780804PC05002B5C1B.M1NFIXAR	14.730	15.091	14.588	14.365
000077	00	780804PC05002B5C1B.M1NFIXC02	13.571	10.714	13.636	12.857
000078	00	780804PC05002B5C1B.M1NFIXN2	46.244	45.680	49.146	43.905
000079	00	780804PC05002B5C1B.M2NFIXAR	14.587	15.019	14.090	14.438
000080	00	780804CC05002B5C1B.M2NFIXC02	13.571	11.429	13.636	12.857
000081	00	780804PC05002B5C1B.M2NFIXN2	50.191	45.680	50.861	44.428
000082	00	780804PC05002B5C1B.M3NFIXAR	14.802	14.730	14.232	14.584
000083	00	780804CC05002B5C1B.M3NFIXC02	14.286	11.429	14.318	14.286
000084	00	780804PC05002B5C1B.M3NFIXN2	51.319	45.116	55.432	49.655
000085	00	780804PC05002B5C2B.M0NFIXAR	197.000	206.000	213.000	210.000
000086	00	780804CC05002B5C2B.M0NFIXC02	22.000	21.000	23.000	22.000
000087	00	780804PC05002B5C2B.M0NFIXN2	82.000	80.000	79.000	79.000
000088	00	780804PC05002B5C2B.M1NFIXAR	15.029	14.515	14.661	14.379
000089	00	780804CC05002B5C2B.M1NFIXC02	12.955	10.714	13.043	12.555
000090	00	780804PC05002B5C2B.M1NFIXN2	46.519	43.396	46.115	42.317
000091	00	780804PC05002B5C2B.M2NFIXAR	14.805	14.372	14.246	14.840
000092	00	780804CC05002B5C2B.M2NFIXC02	13.956	10.714	13.391	13.636
000093	00	780804PC05002B5C2B.M2NFIXN2	47.041	43.396	44.488	48.828
000094	00	780804PC05002B5C2B.M3NFIXAR	14.880	14.658	14.523	14.520
000095	00	780804CC05002B5C2B.M3NFIXC02	13.636	10.714	12.391	13.636
000096	00	780804PC05002B5C2B.M3NFIXN2	47.041	48.217	46.115	50.998
000097	00	780821CC05002B5C1B.M0NFIXAR	209.000	206.000	206.000	203.000
000098	00	780821PC05002B5C1B.M0NFIXC02	23.000	23.000	25.000	22.000
000099	00	780821PC05002B5C1B.M0NFIXN2	77.000	77.000	77.000	82.000
000100	00	780821CC05002B5C1B.M1NFIXAR	14.448	14.587	14.802	14.512
000101	00	780821PC05002B5C1B.M1NFIXC02	13.043	12.391	13.200	15.000
000102	00	780821CC05002B5C1B.M1NFIXN2	44.530	43.417	47.313	43.905
000103	00	780821CC05002B5C1B.M2NFIXAR	14.660	15.316	14.587	14.803
000104	00	780821PC05002B5C1B.M2NFIXC02	13.696	12.391	15.000	15.000
000105	00	780821CC05002B5C1B.M2NFIXN2	48.426	45.643	48.426	48.087
000106	00	780821CC05002B5C1B.M3NFIXAR	14.307	14.802	15.159	14.657
000107	00	780821PC05002B5C1B.M3NFIXC02	13.696	12.391	15.000	12.955
000108	00	780821CC05002B5C1B.M3NFIXN2	51.209	46.200	49.539	49.132
000109	00	780821CC05002B5C2B.M0NFIXAR	205.000	204.000	208.000	207.000
000110	00	780821PC05002B5C2B.M0NFIXC02	23.000	23.000	23.000	22.000
000111	00	780821CC05002B5C2B.M0NFIXN2	77.000	76.000	77.000	77.000
000112	00	780821CC05002B5C2B.M1NFIXAR	14.586	14.874	14.447	14.588
000113	00	780821PC05002B5C2B.M1NFIXC02	14.348	15.000	14.348	15.000
000114	00	780821CC05002B5C2B.M1NFIXN2	43.417	45.116	43.417	45.086
000115	00	780821CC05002B5C2B.M2NFIXAR	14.730	14.802	14.447	14.445
000116	00	780821PC05002B5C2B.M2NFIXC02	14.348	15.000	14.348	16.364
000117	00	780821CC05002B5C2B.M2NFIXN2	45.086	50.755	45.643	49.539
000118	00	780821CC05002B5C2B.M3NFIXAR	14.730	14.297	14.518	13.805
000119	00	780821PC05002B5C2B.M3NFIXC02	14.348	14.348	15.000	15.682
000120	00	780821CC05002B5C2B.M3NFIXN2	48.426	53.011	48.983	48.983
000121	00	780822CC05003B5C1B.M0NFIXAR	214.000	212.999	218.000	188.000
000122	00	780822CC05002E5C1B.M0NFIXC02	23.000	23.000	22.000	19.000
000123	00	780822CC05002B5C1B.M0NFIXN2	84.000	87.000	92.000	118.000
000124	00	780822CC05002B5C1B.M1NFIXAR	14.592	14.730	13.852	14.495
000125	00	780822CC05003B5C1B.M1NFIXC02	11.739	14.348	8.182	11.842
000126	00	780822CC05002B5C1B.M1NFIXN2	44.391	43.353	42.394	39.591
000127	00	780822CC05002B5C1B.M2NFIXAR	14.455	13.618	13.108	13.633
000128	00	780822CC05002B5C1B.M2NFIXC02	11.087	13.696	10.909	11.842
000129	00	780822CC05002B5C1B.M2NFIXN2	46.433	48.889	42.394	38.501
000130	00	780822CC05002B5C1B.M3NFIXAR	14.111	14.105	12.027	13.711
000131	00	780822CC05002B5C1B.M3NFIXC02	11.087	14.348	10.227	12.632
000132	00	780822CC05002B5C1B.M3NFIXN2	51.534	42.860	40.531	37.775
000133	00	780822CC05002B5C2B.M0NFIXAR	211.000	206.000	202.000	189.000
000134	00	780822CC05002B5C2B.M0NFIXC02	24.000	22.000	21.000	20.000
000135	00	780822CC05002B5C2B.M0NFIXN2	86.000	87.000	94.000	107.000
000136	00	780822CC05002B5C2B.M1NFIXAR	14.661	14.658	14.730	14.340
000137	00	780822CC05002B5C2B.M1NFIXC02	11.875	14.318	12.143	12.000
000138	00	780822CC05003B5C2B.M1NFIXN2	43.359	44.338	43.316	42.059
000139	00	780822CC05002B5C2B.M2NFIXAR	8.091	12.227	12.688	11.768
000140	00	780822CC05003B5C2B.M2NFIXAR	116.250	122.727	114.285	108.000
000141	00	780822CC05002B5C2B.M2NFIXC02	7.974	9.853	5.927	5.207
000142	00	780822CC05002B5C2B.M2NFIXN2	5.394	6.006	5.688	6.547
000143	00	780822CC05002B5C2B.M3NFIXAR	118.125	132.955	140.714	138.000
000144	00	780822CC05002B5C2B.M3NFIXC02	8.472	10.838	7.751	7.210
000145	00	780822CC05002B5C2B.M3NFIXN2	80.000	93.000	100.000	120.000
000146	00	780823CC05002B5C1B.M0NFIXAR	203.000	209.000	207.000	209.000
000147	00	780823PC05002B5C1B.M0NFIXC02	23.000	22.000	24.000	23.000
000148	00	780823CC05002B5C1B.M0NFIXN2	14.914	12.354	11.489	9.574
000149	00	780823CC05002B5C1B.M1NFIXAR	15.000	14.785	14.783	14.713
000150	00	780823PC05002B5C1B.M1NFIXC02	37.270	33.119	35.717	37.270
000151	00	780823CC05002B5C1B.M1NFIXN2	16.019	12.354	13.110	9.697

000152	00	780823CC0500285C18.M2NFIXAR	15.517	13.893	15.217	14.569
000153	00	780823PC0500285C18.M2NFIXC02	37.270	32.655	35.717	35.406
000154	00	780823CC0500285C18.M2NFIXN2	16.939	12.354	13.846	10.311
000155	00	780823CC0500285C16.M3NFIXAR	14.926	15.215	14.203	14.569
000156	00	780823PC0500285C19.M3NFIXC02	39.133	33.119	33.931	35.406
000157	00	780823CC0500285C19.M3NFIXN2	94.000	84.000	99.000	91.000
000158	00	780823CC0500285C28.M0NFIXAR	205.000	205.000	207.000	210.000
000159	00	780823PC0500285C28.M0NFIXC02	23.000	21.000	24.000	23.000
000160	00	780823CC0500285C28.M0NFIXN2	12.379	13.502	11.159	13.111
000161	00	780823CC0500285C28.M1NFIXAR	15.000	14.927	15.000	14.571
000162	00	780823PC0500285C28.M1NFIXC02	37.270	32.655	35.717	37.270
000163	00	780823CC0500285C26.M1NFIXN2	12.379	13.678	12.647	13.111
000164	00	780823CC0500285C26.M2NFIXAR	14.854	14.954	14.710	14.500
000165	00	780823PC0500285C28.M2NFIXC02	35.406	32.614	35.717	39.133
000166	00	780823CC0500285C28.M2NFIXN2	12.223	13.502	13.688	13.273
000167	00	780823CC0500285C26.M3NFIXAR	14.927	15.000	14.058	14.500
000168	00	780823PC0500285C28.M3NFIXC02	33.643	32.655	37.802	39.133
000169	00	780823CC0500285C28.M3NFIXN2	79.000	78.000	98.000	84.000
000170	00	780824CC0500285C19.M0NFIXAR	212.000	212.000	204.000	204.000
000171	00	780824CC0500285C15.M0NFIXC02	22.000	22.000	20.000	22.000
000172	00	780824CC0500285C13.M0NFIXN2	16.595	16.807	13.828	16.133
000173	00	780824CC0500285C18.M1NFIXAR	14.788	14.292	14.779	15.074
000174	00	780824CC0500285C18.M1NFIXC02	37.015	31.171	36.431	35.067
000175	00	780824CC0500285C16.M1NFIXN2	16.595	17.563	14.129	16.484
000176	00	780824CC0500285C16.M2NFIXAR	10.896	13.160	11.103	11.397
000177	00	780824CC0500285C18.M2NFIXC02	25.326	27.275	25.716	27.275
000178	00	780824CC0500285C19.M2NFIXN2	12.679	17.185	10.521	12.801
000179	00	780824CC0500285C16.M3NFIXAR	14.080	13.231	13.721	13.456
000180	00	780824CC0500285C16.M3NFIXC02	33.119	29.223	30.002	33.119
000181	00	780824CC0500285C13.M3NFIXN2	86.000	69.000	81.000	82.000
000182	00	780824CC0500285C28.M0NFIXAR	212.000	205.000	219.000	209.000
000183	00	780824CC0500285C28.M0NFIXC02	22.000	20.000	23.000	21.000
000184	00	780824CC0500285C28.M0NFIXN2	14.901	15.061	15.094	14.730
000185	00	780824CC0500285C28.M1NFIXAR	14.788	14.854	14.726	14.641
000186	00	780824CC0500285C26.M1NFIXC02	35.067	34.288	33.543	34.696
000187	00	780824CC0500285C28.M1NFIXN2	14.901	14.896	14.912	14.570
000188	00	780824CC0500285C28.M2NFIXC02	.778	1.024	1.027	.933
000189	00	780824CC0500285C26.M2NFIXN2	107.150	167.154	126.717	142.867
000190	00	780824CC0500285C28.M3NFIXAR	16.100	31.943	54.188	31.541
000191	00	780824CC0500285C28.M3NFIXC02	1.132	1.244	1.027	1.292
000192	00	780824CC0500285C25.M3NFIXN2	163.647	188.584	136.034	185.727

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000072   00   780801PC0500285C2B.M3NIT.NO2      .030      .030      .030      .030
000073   00   780802PC0500285C1B.MONIT.NO2      .000      .030      .030      .030
000074   00   780802PC0500285C1B.M1NIT.NO2      .870      .870      .030      .030
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0000075	00	760802PC050028 5C1B.M2NIT.NO2	.030	.030	.030	.030
0000076	00	760802PC050028 5C1B.M3NIT.NO2	.030	.030	.030	.030
0000077	00	760602PC050028 5C2B.MONIT.NO2	.000	.030	.870	.030
0000078	00	760802PC050028 5C2B.M1NIT.NO2	.030	.030	.870	.030
0000079	00	760802PC050028 5C2B.M2NIT.NO2	.030	.870	.870	.030
0000080	00	760802PC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000081	00	760603PC050028 5C1B.MONIT.NO2	.000	.030	.030	.030
0000082	00	760803PC050028 5C1B.M1NIT.NO2	.870	.870	.030	.030
0000083	00	760803PC050028 5C1B.M2NIT.NO2	.870	.870	.870	.030
0000084	00	760803PC050028 5C1B.M3NIT.NO2	.030	.030	.030	.030
0000085	00	760803PC050028 5C2B.MONIT.NO2	.000	.030	.030	.030
0000086	00	760803PC050028 5C2B.M1NIT.NO2	.030	.030	.030	.030
0000087	00	760803PC050028 5C2B.M2NIT.NO2	.030	.030	.030	.030
0000088	00	760803PC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000089	00	760804PC050028 5C1B.MONIT.NO2	.000	.870	.030	.870
0000090	00	760804PC050028 5C1B.M1NIT.NO2	.030	.030	.030	.030
0000091	00	760804PC050028 5C1B.M2NIT.NO2	.030	.030	.030	.870
0000092	00	760804PC050028 5C1B.M3NIT.NO2	.030	.030	.030	.030
0000093	00	760604PC050028 5C2B.MONIT.NO2	.000	.030	.870	.030
0000094	00	760804PC050028 5C2B.M1NIT.NO2	.030	.870	.030	.030
0000095	00	760804PC050028 5C2B.M2NIT.NO2	.030	.030	.030	.030
0000096	00	760804PC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000097	00	760821CC050028 5C1B.MONIT.NO2	.000	.030	.030	.030
0000098	00	760821CC050028 5C1B.M1NIT.NO2	.870	.030	.030	.030
0000099	00	760821CC050028 5C1B.M2NIT.NO2	.030	.030	.870	.030
0000100	00	760821CC050028 5C1B.M3NIT.NO2	.030	.030	.030	.030
0000101	00	760821CC050028 5C2B.MONIT.NO2	.000	.030	.030	.030
0000102	00	760821CC050028 5C2B.M1NIT.NO2	.030	.870	.030	.870
0000103	00	760821CC050028 5C2B.M2NIT.NO2	.030	.030	.870	.030
0000104	00	760821CC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000105	00	760822CC050028 5C1B.MONIT.NO2	.000	.030	.030	.030
0000106	00	760822CC050028 5C1B.M1NIT.NO2	.030	.870	.030	.030
0000107	00	760822CC050028 5C1B.M2NIT.NO2	.030	.870	.030	.030
0000108	00	760822CC050028 5C1B.M3NIT.NO2	.030	.870	.030	.030
0000109	00	760822CC050028 5C2B.MONIT.NO2	.000	.030	.870	.030
0000110	00	760822CC050028 5C2B.M1NIT.NO2	.030	.030	.030	.030
0000111	00	760822CC050028 5C2B.M2NIT.NO2	.030	.870	.030	.030
0000112	00	760822CC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000113	00	760823CC050028 5C1B.MONIT.NO2	.000	.870	.870	.030
0000114	00	760823CC050028 5C1B.M1NIT.NO2	.030	.030	.870	.030
0000115	00	760823CC050028 5C1B.M2NIT.NO2	.030	.870	.870	.030
0000116	00	760823CC050028 5C1B.M3NIT.NO2	.030	.030	.030	.030
0000117	00	760823CC050028 5C2B.MONIT.NO2	.000	.870	.870	.870
0000118	00	760823CC050028 5C2B.M1NIT.NO2	.030	.870	.030	.030
0000119	00	760823CC050028 5C2B.M2NIT.NO2	.870	.870	.870	.030
0000120	00	760823CC050028 5C2B.M3NIT.NO2	.030	.030	.030	.030
0000121	00	760824CC050028 5C1B.MONIT.NO2	.000	.030	.030	.870
0000122	00	760824CC050028 5C1B.M1NIT.NO2	.870	.870	.030	.870
0000123	00	760824CC050028 5C1B.M2NIT.NO2	.870	.870	.870	.870
0000124	00	760824CC050028 5C1B.M3NIT.NO2	.030	.870	.870	.870
0000125	00	760824CC050028 5C2B.M3NIT.NO2	.000	.030	.030	.030
0000126	00	760824CC050028 5C2B.M1NIT.NO2	.030	.030	.030	.030
0000127	00	760824CC050028 5C2B.M2NIT.NO2	.030	.030	.030	.030
0000128	00	760824CC050028 5C2B.M3NIT.NO2	.030	.870	.030	.870
0000129	00	760901PC050028 5C1B.MONIT.NO3	.000	17.750	19.390	8.870
0000130	00	760901PC050028 5C1B.M1NIT.NO3	8.870	8.870	8.870	20.220
0000131	00	760801PC050028 5C1B.M2NIT.NO3	17.750	17.750	8.870	19.390
0000132	00	760801PC050028 5C1B.M3NIT.NO3	8.870	17.750	20.220	24.310
0000133	00	760801PC050028 5C2B.MONIT.NO3	.000	17.750	20.220	21.030
0000134	00	760801PC050028 5C2B.M1NIT.NO3	19.390	21.030	22.670	20.220
0000135	00	760801PC050028 5C2B.M2NIT.NO3	17.750	17.750	8.870	17.750
0000136	00	760801PC050028 5C2B.M3NIT.NO3	20.220	22.670	27.590	8.870
0000137	00	760802PC050028 5C1B.MONIT.NO3	.000	17.750	17.750	23.480
0000138	00	760802PC050028 5C1B.M1NIT.NO3	8.470	8.470	8.470	8.470
0000139	00	760802PC050028 5C1B.M2NIT.NO3	19.390	22.670	20.220	21.030
0000140	00	760802PC050028 5C1B.M3NIT.NO3	21.030	17.750	17.750	18.580
0000141	00	760802PC050028 5C2B.MONIT.NO3	.000	21.030	20.220	20.220
0000142	00	760802PC050028 5C2B.M1NIT.NO3	8.470	8.470	17.750	8.870
0000143	00	760802PC050028 5C2B.M2NIT.NO3	19.390	22.670	25.950	20.220
0000144	00	760803PC050028 5C2B.M3NIT.NO3	26.760	30.040	22.670	28.400
0000145	00	760803PC050028 5C1B.MONIT.NO3	.000	19.390	19.390	19.390
0000146	00	760803PC050028 5C1B.M1NIT.NO3	18.580	18.580	17.750	8.870
0000147	00	760803PC050028 5C1B.M2NIT.NO3	20.220	21.840	21.030	20.220
0000148	00	760803PC050028 5C1B.M3NIT.NO3	24.360	27.650	21.030	8.870
0000149	00	760803PC050028 5C2B.MONIT.NO3	.000	17.750	20.220	25.950
0000150	00	760803PC050028 5C2B.M1NIT.NO3	8.870	8.870	8.870	8.870
0000151	00	760803PC050028 5C2B.M2NIT.NO3	25.950	8.870	8.870	8.870
0000152	00	760803PC050028 5C2B.M3NIT.NO3	25.950	8.470	21.030	22.670

000153	00	780804PC05002B5C1B.M0NIT.N03	.000	18.580	8.470	18.580
000154	00	780804PC05002B5C1B.M1NIT.N03	8.470	8.470	18.580	8.870
000155	00	780804PC05002B5C1B.M2NIT.N03	8.470	8.470	8.470	8.470
000156	00	780804PC05002B5C1B.M3NIT.N03	17.750	21.030	17.750	27.590
000157	00	780804PC05002B5C2B.M0NIT.N03	.000	20.220	19.390	22.670
000158	00	780804PC05002B5C2B.M1NIT.N03	8.470	17.750	8.870	8.470
000159	00	780804PC05002B5C2B.M2NIT.N03	8.470	8.470	8.470	8.470
000160	00	780804PC05002B5C2B.M3NIT.N03	22.670	23.670	20.220	25.950
000161	00	780821CC05002B5C1B.M0NIT.N03	.000	21.940	22.670	27.590
000162	00	780821CC05002B5C1B.M1NIT.N03	17.750	8.470	17.750	8.870
000163	00	780821CC05002B5C1B.M2NIT.N03	21.030	24.310	24.310	25.950
000164	00	780821CC05002B5C1B.M3NIT.N03	8.870	17.750	8.470	19.390
000165	00	780821CC05002B5C2B.M0NIT.N03	.000	18.580	18.580	19.390
000166	00	780821CC05002B5C2B.M1NIT.N03	8.870	8.470	8.870	17.750
000167	00	780821CC05002B5C2B.M2NIT.N03	8.870	8.470	8.470	8.470
000168	00	780821CC05002B5C2B.M3NIT.N03	27.590	30.040	32.490	31.680
000169	00	780822CC05002B5C1B.M0NIT.N03	.000	19.390	8.870	17.750
000170	00	780822CC05002B5C1B.M1NIT.N03	8.470	8.470	8.470	8.470
000171	00	780822CC05002B5C1B.M2NIT.N03	8.470	8.470	8.870	8.470
000172	00	780822CC05002B5C1B.M3NIT.N03	20.220	20.220	22.670	22.670
000173	00	780822CC05002B5C2B.M0NIT.N03	.000	8.470	8.870	17.750
000174	00	780822CC05002B5C2B.M1NIT.N03	8.470	8.470	8.470	8.470
000175	00	780822CC05002B5C2B.M2NIT.N03	8.870	8.470	8.470	8.870
000176	00	780822CC05002B5C2B.M3NIT.N03	21.030	20.220	20.220	20.220
000177	00	780823CC05002B5C1B.M0NIT.N03	.000	20.220	20.220	21.030
000178	00	780823CC05002B5C1B.M1NIT.N03	17.750	17.750	18.580	19.390
000179	00	780823CC05002B5C1B.M2NIT.N03	8.470	8.470	8.470	8.470
000180	00	780823CC05002B5C1B.M3NIT.N03	24.310	28.490	26.760	30.040
000181	00	780823CC05002B5C2B.M0NIT.N03	.000	8.470	17.750	8.470
000182	00	780823CC05002B5C2B.M1NIT.N03	22.670	19.390	18.580	20.220
000183	00	780823CC05002B5C2B.M2NIT.N03	18.580	8.470	18.580	8.470
000184	00	780823CC05002B5C2B.M3NIT.N03	18.580	23.480	31.680	21.030
000185	00	780824CC05002B5C1B.M0NIT.N03	.000	19.390	8.470	8.470
000186	00	780824CC05002B5C1B.M1NIT.N03	8.470	8.470	8.870	8.470
000187	00	780824CC05002B5C1B.M2NIT.N03	8.470	8.470	8.470	8.470
000188	00	780824CC05002B5C1B.M3NIT.N03	21.030	8.870	8.870	17.750
000189	00	780824CC05002B5C2B.M0NIT.N03	.000	8.470	8.470	18.580
000190	00	780824CC05002B5C2B.M1NIT.N03	18.580	8.470	8.470	8.470
000191	00	780824CC05002B5C2B.M2NIT.N03	8.870	8.470	8.470	8.470
000192	00	780824CC05002B5C2B.M3NIT.N03	19.390	17.750	18.580	20.220

END ELT.

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@HD6,P  ******  NITRIF-REG  ******

@ELT,L  RFHL8CR2.NITRIF-REG
ELT007  SL73R1  05/29/79  11 53 38 (0,)
000001      00   780801PC05002B5C1B.MONIT.NH3   1          .0000
000002      00   780801PC05002B5C1B.MONIT.NH3   2       6355.0000
000003      00   780801PC05002B5C1B.MONIT.NH3   3         73.0000
000004      00   780801PC05002B5C1B.MONIT.NH3   4          .0000
000005      00   780801PC05002B5C1B.M1NIT.NH3   1      15756.0000
000006      00   780801PC05002B5C1B.M1NIT.NH3   2       4611.0000
000007      00   780801PC05002B5C1B.M1NIT.NH3   3         20.0000
000008      00   780801PC05002B5C1B.M1NIT.NH3   4          .0000
000009      00   780801PC05002B5C1B.M2NIT.NH3   1      17118.0000
000010      00   780801PC05002B5C1B.M2NIT.NH3   2       5211.0000
000011      00   780801PC05002B5C1B.M2NIT.NH3   3         99.0000
000012      00   780801PC05002B5C1B.M2NIT.NH3   4          .0000
000013      00   780801PC05002B5C1B.M3NIT.NH3   1      17201.0000
000014      00   780801PC05002B5C1B.M3NIT.NH3   2       6045.0000
000015      00   780801PC05002B5C1B.M3NIT.NH3   3         45.0000
000016      00   780801PC05002B5C1B.M3NIT.NH3   4          .0000
000017      00   780801PC05002B5C2B.MONIT.NH3   1          .0000
000018      00   780801PC05002B5C2B.MONIT.NH3   2       5734.0000
000019      00   780801PC05002B5C2B.MONIT.NH3   3          .0000
000020      00   780801PC05002B5C2B.MONIT.NH3   4          .0000
000021      00   780801PC05002B5C2B.M1NIT.NH3   1      15756.0000
000022      00   780801PC05002B5C2B.M1NIT.NH3   2       5211.0000
000023      00   780801PC05002B5C2B.M1NIT.NH3   3         92.0000
000024      00   780801PC05002B5C2B.M1NIT.NH3   4          .0000
000025      00   780801PC05002B5C2B.M2NIT.NH3   1      17608.0000
000026      00   780801PC05002B5C2B.M2NIT.NH3   2       6089.0000
000027      00   780801PC05002B5C2B.M2NIT.NH3   3         72.0000
000028      00   780801PC05002B5C2B.M2NIT.NH3   4          .0000
000029      00   780801PC05002B5C2B.M3NIT.NH3   1      17227.0000
000030      00   780801PC05002B5C2B.M3NIT.NH3   2       6064.0000
000031      00   780801PC05002B5C2B.M3NIT.NH3   3         18.0000
000032      00   780801PC05002B5C2B.M3NIT.NH3   4          .0000
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000034      00   780802PC05002B5C1B.MONIT.NH3   2       4775.0000
000035      00   780802PC05002B5C1B.MONIT.NH3   3         74.0000
000036      00   780802PC05002B5C1B.MONIT.NH3   4          .0000
000037      00   780802PC05002B5C1B.M1NIT.NH3   1      16192.0000
000038      00   780802PC05002B5C1B.M1NIT.NH3   2       6355.0000
000039      00   780802PC05002B5C1B.M1NIT.NH3   3         82.0000
000040      00   780802PC05002B5C1B.M1NIT.NH3   4          .0000
000041      00   780802PC05002B5C1B.M2NIT.NH3   1      18099.0000
000042      00   780802PC05002B5C1B.M2NIT.NH3   2       6246.0000
000043      00   780802PC05002B5C1B.M2NIT.NH3   3         63.0000
000044      00   780802PC05002B5C1B.M2NIT.NH3   4          .0000
000045      00   780802PC05002B5C1B.M3NIT.NH3   1      18044.0000
000046      00   780802PC05002B5C1B.M3NIT.NH3   2       6045.0000
000047      00   780802PC05002B5C1B.M3NIT.NH3   3         19.0000
000048      00   780802PC05002B5C1B.M3NIT.NH3   4          .0000
000049      00   780802PC05002B5C2B.MONIT.NH3   1          .0000
000050      00   780802PC05002B5C2B.MONIT.NH3   2       5701.0000
000051      00   780802PC05002B5C2B.MONIT.NH3   3         92.0000
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000053      00   780802PC05002B5C2B.M1NIT.NH3   1      15587.0000
000054      00   780802PC05002B5C2B.M1NIT.NH3   2       4971.0000
000055      00   780802PC05002B5C2B.M1NIT.NH3   3         73.0000
000056      00   780802PC05002B5C2B.M1NIT.NH3   4          .0000
000057      00   780802PC05002B5C2B.M2NIT.NH3   1      15573.0000
000058      00   780802PC05002B5C2B.M2NIT.NH3   2       7500.0000
000059      00   780802PC05002B5C2B.M2NIT.NH3   3         55.0000
000060      00   780802PC05002B5C2B.M2NIT.NH3   4          .0000
000061      00   780802PC05002B5C2B.M3NIT.NH3   1      17649.0000
000062      00   780802PC05002B5C2B.M3NIT.NH3   2       7127.0000
000063      00   780802PC05002B5C2B.M3NIT.NH3   3         27.0000
000064      00   780802PC05002B5C2B.M3NIT.NH3   4          .0000
000065      00   780803PC05002B5C1B.MONIT.NH3   1          .0000
000066      00   780803PC05002B5C1B.MONIT.NH3   2       5973.0000
000067      00   780803PC05002B5C1B.MONIT.NH3   3         64.0000
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000069      00   780803PC05002B5C1B.M1NIT.NH3   1      16131.0000
000070      00   780803PC05002B5C1B.M1NIT.NH3   2       4330.0000
000071      00   780803PC05002B5C1B.M1NIT.NH3   3         66.0000
000072      00   780803PC05002B5C1B.M1NIT.NH3   4          .0000
000073      00   780803PC05002B5C1B.M2NIT.NH3   1      17336.0000
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000074	00	780803PC050028[illegible].M2NIT.NH3	2	4556.0000
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000076	00	780803PC050028[illegible].M2NIT.NH3	4	.0000
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000078	00	780803PC050028[illegible].M3NIT.NH3	2	7118.0000
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000101	00	780804PC050028[illegible].M1NIT.NH3	1	14938.0000
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000109	00	780804PC050028[illegible].M3NIT.NH3	1	21205.0000
000110	00	780804PC050028[illegible].M3NIT.NH3	2	878.0000
000111	00	780804PC050028[illegible].M3NIT.NH3	3	24.0000
000112	00	780804PC050028[illegible].M3NIT.NH3	4	.0000
000113	00	780804PC050028[illegible].MONIT.NH3	1	.0000
000114	00	780804PC050028[illegible].MONIT.NH3	2	5211.0000
000115	00	780804PC050028[illegible].MONIT.NH3	3	29.0000
000116	00	780804PC050028[illegible].MONIT.NH3	4	.0000
000117	00	780804PC050028[illegible].M1NIT.NH3	1	16628.0000
000118	00	780804PC050028[illegible].M1NIT.NH3	2	5265.0000
000119	00	780804PC050028[illegible].M1NIT.NH3	3	56.0000
000120	00	780804PC050028[illegible].M1NIT.NH3	4	.0000
000121	00	780804PC050028[illegible].M2NIT.NH3	1	14120.0000
000122	00	780804PC050028[illegible].M2NIT.NH3	2	5592.0000
000123	00	780804PC050028[illegible].M2NIT.NH3	3	36.0000
000124	00	780804PC050028[illegible].M2NIT.NH3	4	.0000
000125	00	780804PC050028[illegible].M3NIT.NH3	1	22240.0000
000126	00	780804PC050028[illegible].M3NIT.NH3	2	1427.0000
000127	00	780804PC050028[illegible].M3NIT.NH3	3	22.0000
000128	00	780804PC050028[illegible].M3NIT.NH3	4	.0000
000129	00	780821CC050028[illegible].MONIT.NH3	1	.0000
000130	00	780821CC050028[illegible].MONIT.NH3	2	5221.0000
000131	00	780821CC050028[illegible].MONIT.NH3	3	46.0000
000132	00	780821CC050028[illegible].MONIT.NH3	4	.0000
000133	00	780821CC050028[illegible].M1NIT.NH3	1	18099.0000
000134	00	780821CC050028[illegible].M1NIT.NH3	2	6246.0000
000135	00	780821CC050028[illegible].M1NIT.NH3	3	28.0000
000136	00	780821CC050028[illegible].M1NIT.NH3	4	.0000
000137	00	780821CC050028[illegible].M2NIT.NH3	1	17608.0000
000138	00	780821CC050028[illegible].M2NIT.NH3	2	7172.0000
000139	00	780821CC050028[illegible].M2NIT.NH3	3	82.0000
000140	00	780821CC050028[illegible].M2NIT.NH3	4	.0000
000141	00	780821CC050028[illegible].M3NIT.NH3	1	16682.0000
000142	00	780821CC050028[illegible].M3NIT.NH3	2	6137.0000
000143	00	780821CC050028[illegible].M3NIT.NH3	3	82.0000
000144	00	780821CC050028[illegible].M3NIT.NH3	4	.0000
000145	00	780821CC050028[illegible].MONIT.NH3	1	.0000
000146	00	780821CC050028[illegible].MONIT.NH3	2	6355.0000
000147	00	780821CC050028[illegible].MONIT.NH3	3	82.0000
000148	00	780821CC050028[illegible].MONIT.NH3	4	.0000
000149	00	780821CC050028[illegible].M1NIT.NH3	1	18262.0000
000150	00	780821CC050028[illegible].M1NIT.NH3	2	6246.0000
000151	00	780821CC050028[illegible].M1NIT.NH3	3	28.0000

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000153	00	780821CC05002B5C2B.M2NIT.NH3	1	17064.0000
000154	00	780821CC05002B5C2B.M2NIT.NH3	2	7772.0000
000155	00	780821CC05002B5C2B.M2NIT.NH3	3	.0000
000156	00	780821CC05002B5C2B.M2NIT.NH3	4	.0000
000157	00	780821CC05002B5C2B.M3NIT.NH3	1	17559.0000
000158	00	780821CC05002B5C2B.M3NIT.NH3	2	7118.0000
000159	00	780821CC05002B5C2B.M3NIT.NH3	3	8.0000
000160	00	780821CC05002B5C2B.M3NIT.NH3	4	.0000
000161	00	780822CC05002B5C1B.MONIT.NH3	1	.0000
000162	00	780822CC05002B5C1B.MONIT.NH3	2	6766.0000
000163	00	780822CC05002B5C1B.MONIT.NH3	3	37.0000
000164	00	780822CC05002B5C1B.MONIT.NH3	4	.0000
000165	00	780822CC05002B5C1B.M1NIT.NH3	1	18644.0000
000166	00	780822CC05002B5C1B.M1NIT.NH3	2	7281.0000
000167	00	780822CC05002B5C1B.M1NIT.NH3	3	63.0000
000168	00	780822CC05002B5C1B.M1NIT.NH3	4	.0000
000169	00	780822CC05002B5C1B.M2NIT.NH3	1	18099.0000
000170	00	780822CC05002B5C1B.M2NIT.NH3	2	6246.0000
000171	00	780822CC05002B5C1B.M2NIT.NH3	3	44.0000
000172	00	780822CC05002B5C1B.M2NIT.NH3	4	.0000
000173	00	780822CC05002B5C1B.M3NIT.NH3	1	17900.0000
000174	00	780822CC05002B5C1B.M3NIT.NH3	2	6249.0000
000175	00	780822CC05002B5C1B.M3NIT.NH3	3	25.0000
000176	00	780822CC05002B5C1B.M3NIT.NH3	4	.0000
000177	00	780822CC05002B5C2B.MONIT.NH3	1	.0000
000178	00	780822CC05002B5C2B.MONIT.NH3	2	7009.0000
000179	00	780822CC05002B5C2B.MONIT.NH3	3	92.0000
000180	00	780822CC05002B5C2B.MONIT.NH3	4	.0000
000181	00	780822CC05002B5C2B.M1NIT.NH3	1	17179.0000
000182	00	780822CC05002B5C2B.M1NIT.NH3	2	7508.0000
000183	00	780822CC05002B5C2B.M1NIT.NH3	3	71.0000
000184	00	780822CC05002B5C2B.M1NIT.NH3	4	.0000
000185	00	780822CC05002B5C2B.M2NIT.NH3	1	17500.0000
000186	00	780822CC05002B5C2B.M2NIT.NH3	2	6182.0000
000187	00	780822CC05002B5C2B.M2NIT.NH3	3	77.0000
000188	00	780822CC05002B5C2B.M2NIT.NH3	4	.0000
000189	00	780822CC05002B5C2B.M3NIT.NH3	1	19189.0000
000190	00	780822CC05002B5C2B.M3NIT.NH3	2	6114.0000
000191	00	780822CC05002B5C2B.M3NIT.NH3	3	89.0000
000192	00	780822CC05002B5C2B.M3NIT.NH3	4	.0000
000193	00	780823CC05002B5C1B.MONIT.NH3	1	.0000
000194	00	780823CC05002B5C1B.MONIT.NH3	2	6464.0000
000195	00	780823CC05002B5C1B.MONIT.NH3	3	55.0000
000196	00	780823CC05002B5C1B.MONIT.NH3	4	.0000
000197	00	780823CC05002B5C1B.M1NIT.NH3	1	18099.0000
000198	00	780823CC05002B5C1B.M1NIT.NH3	2	5211.0000
000199	00	780823CC05002B5C1B.M1NIT.NH3	3	44.0000
000200	00	780823CC05002B5C1B.M1NIT.NH3	4	.0000
000201	00	780823CC05002B5C1B.M2NIT.NH3	1	18099.0000
000202	00	780823CC05002B5C1B.M2NIT.NH3	2	7118.0000
000203	00	780823CC05002B5C1B.M2NIT.NH3	3	.0000
000204	00	780823CC05002B5C1B.M2NIT.NH3	4	.0000
000205	00	780823CC05002B5C1B.M3NIT.NH3	1	17227.0000
000206	00	780823CC05002B5C1B.M3NIT.NH3	2	5781.0000
000207	00	780823CC05002B5C1B.M3NIT.NH3	3	18.0000
000208	00	780823CC05002B5C1B.M3NIT.NH3	4	.0000
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000210	00	780823CC05002B5C2B.MONIT.NH3	2	5647.0000
000211	00	780823CC05002B5C2B.MONIT.NH3	3	20.0000
000212	00	780823CC05002B5C2B.MONIT.NH3	4	.0000
000213	00	780823CC05002B5C2B.M1NIT.NH3	1	15869.0000
000214	00	780823CC05002B5C2B.M1NIT.NH3	2	7334.0000
000215	00	780823CC05002B5C2B.M1NIT.NH3	3	37.0000
000216	00	780823CC05002B5C2B.M1NIT.NH3	4	.0000
000217	00	780823CC05002B5C2B.M2NIT.NH3	1	16518.0000
000218	00	780823CC05002B5C2B.M2NIT.NH3	2	7336.0000
000219	00	780823CC05002B5C2B.M2NIT.NH3	3	44.0000
000220	00	780823CC05002B5C2B.M2NIT.NH3	4	.0000
000221	00	780823CC05002B5C2B.M3NIT.NH3	1	18649.0000
000222	00	780823CC05002B5C2B.M3NIT.NH3	2	7608.0000
000223	00	780823CC05002B5C2B.M3NIT.NH3	3	54.0000
000224	00	780823CC05002B5C2B.M3NIT.NH3	4	.0000
000225	00	780824CC05002B5C1B.MONIT.NH3	1	.0000
000226	00	780824CC05002B5C1B.MONIT.NH3	2	6954.0000
000227	00	780824CC05002B5C1B.MONIT.NH3	3	47.0000
000228	00	780824CC05002B5C1B.MONIT.NH3	4	.0000
000229	00	780824CC05002B5C1B.M1NIT.NH3	1	18589.0000

000230	00	780824CC05002B5C1B.M1NIT.NH3	2	5480.0000
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000232	00	780824CC05002B5C1B.M1NIT.NH3	4	.0000
000233	00	780824CC05002B5C1B.M2NIT.NH3	1	15973.0000
000234	00	780824CC05002B5C1B.M2NIT.NH3	2	7500.0000
000235	00	780824CC05002B5C1B.M2NIT.NH3	3	91.0000
000236	00	780824CC05002B5C1B.M2NIT.NH3	4	.0000
000237	00	780824CC05002B5C1B.M3NIT.NH3	1	20660.0000
000238	00	780824CC05002B5C1B.M3NIT.NH3	2	8753.0000
000239	00	780824CC05002B5C1B.M3NIT.NH3	3	25.0000
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000241	00	780824CC05002B5C2B.MONIT.NH3	1	.0000
000242	00	780824CC05002B5C2B.MONIT.NH3	2	6246.0000
000243	00	780824CC05002B5C2B.MONIT.NH3	3	99.0000
000244	00	780824CC05002B5C2B.MONIT.NH3	4	.0000
000245	00	780824CC05002B5C2B.M1NIT.NH3	1	19679.0000
000246	00	780824CC05002B5C2B.M1NIT.NH3	2	7608.0000
000247	00	780824CC05002B5C2B.M1NIT.NH3	3	16.0000
000248	00	780824CC05002B5C2B.M1NIT.NH3	4	.0000
000249	00	780824CC05002B5C2B.M2NIT.NH3	1	17227.0000
000250	00	780824CC05002B5C2B.M2NIT.NH3	2	6137.0000
000251	00	780824CC05002B5C2B.M2NIT.NH3	3	89.0000
000252	00	780824CC05002B5C2B.M2NIT.NH3	4	.0000
000253	00	780824CC05002B5C2B.M3NIT.NH3	1	19243.0000
000254	00	780824CC05002B5C2B.M3NIT.NH3	2	9134.0000
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000256	00	780824CC05002B5C2B.M3NIT.NH3	4	.0000
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000260	00	780801PC05002B5C1B.MONIT.NO2	4	.0300
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000262	00	780801PC05002B5C1B.M1NIT.NO2	2	.8700
000263	00	780801PC05002B5C1B.M1NIT.NO2	3	.0300
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000296	00	780802PC05002B5C1B.M1NIT.NO2	4	.0300
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000374  00  780804PC05002B5C2B.M1NIT.NO2  2  .8700
000375  00  780804PC05002B5C2B.M1NIT.NO2  3  .0300
000376  00  780804PC05002B5C2B.M1NIT.NO2  4  .0300
000377  00  780804PC05002B5C2B.M2NIT.NO2  1  .0300
000378  00  780804PC05002B5C2B.M2NIT.NO2  2  .0300
000379  00  780804PC05002B5C2B.M2NIT.NO2  3  .0300
000380  00  780804PC05002B5C2B.M2NIT.NO2  4  .0300
000381  00  780804PC05002B5C2B.M3NIT.NO2  1  .0300
000382  00  780804PC05002B5C2B.M3NIT.NO2  2  .0300
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000384  00  780804PC05002B5C2B.M3NIT.NO2  4  .0300
000385  00  780821CC0F002B5C1E.MONIT.NO2  1  .0000
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000388	00	760821CC05002B5C1B.MONIT.NO2	4	.0300
000389	00	760821CC05002B5C1B.M1NIT.NO2	1	.8700
000390	00	760821CC05002B5C1B.M1NIT.NO2	2	.8700
000391	00	760821CC05002B5C1B.M1NIT.NO2	3	.0300
000392	00	760821CC05002B5C1B.M1NIT.NO2	4	.0300
000393	00	760821CC05002B5C1B.M2NIT.NO2	1	.0300
000394	00	760821CC05002B5C1B.M2NIT.NO2	2	.0300
000395	00	760821CC05002B5C1B.M2NIT.NO2	3	.8700
000396	00	760821CC05002B5C1B.M2NIT.NO2	4	.0300
000397	00	760821CC05002B5C1B.M3NIT.NO2	1	.0300
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000399	00	760821CC05002B5C1B.M3NIT.NO2	3	.0300
000400	00	760821CC05002B5C1B.M3NIT.NO2	4	.0300
000401	00	760821CC05002B5C2B.MONIT.NO2	1	.0300
000402	00	760821CC05002B5C2B.MONIT.NO2	2	.0300
000403	00	760821CC05002B5C2B.MONIT.NO2	3	.0300
000404	00	760821CC05002B5C2B.MONIT.NO2	4	.0300
000405	00	760821CC05002B5C2B.M1NIT.NO2	1	.0300
000406	00	760821CC05002B5C2B.M1NIT.NO2	2	.8700
000407	00	760821CC05002B5C2B.M1NIT.NO2	3	.0300
000408	00	760821CC05002B5C2B.M1NIT.NO2	4	.8700
000409	00	760821CC05002B5C2B.M2NIT.NO2	1	.0300
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000411	00	760821CC05002B5C2B.M2NIT.NO2	3	.8700
000412	00	760821CC05002B5C2B.M2NIT.NO2	4	.0300
000413	00	760821CC05002B5C2B.M3NIT.NO2	1	.0300
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000415	00	760821CC05002B5C2B.M3NIT.NO2	3	.0300
000416	00	760821CC05002B5C2B.M3NIT.NO2	4	.0300
000417	00	760822CC05002B5C1B.MONIT.NO2	1	.0300
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000423	00	760822CC05002B5C1B.M1NIT.NO2	3	.0300
000424	00	760822CC05002B5C1B.M1NIT.NO2	4	.0300
000425	00	760822CC05002B5C1B.M2NIT.NO2	1	.0300
000426	00	760822CC05002B5C1B.M2NIT.NO2	2	.8700
000427	00	760822CC05002B5C1B.M2NIT.NO2	3	.0300
000428	00	760822CC05002B5C1B.M2NIT.NO2	4	.0300
000429	00	760822CC05002B5C1B.M3NIT.NO2	1	.0300
000430	00	760822CC05002B5C1B.M3NIT.NO2	2	.8700
000431	00	760822CC05002B5C1B.M3NIT.NO2	3	.0300
000432	00	760822CC05002B5C1B.M3NIT.NO2	4	.0300
000433	00	760822CC05002B5C2B.MONIT.NO2	1	.0300
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000435	00	760822CC05002B5C2B.MONIT.NO2	3	.8700
000436	00	760822CC05002B5C2B.MONIT.NO2	4	.0300
000437	00	760822CC05002B5C2B.M1NIT.NO2	1	.0300
000438	00	760822CC05002B5C2B.M1NIT.NO2	2	.0300
000439	00	760822CC05002B5C2B.M1NIT.NO2	3	.0300
000440	00	760822CC05002B5C2B.M1NIT.NO2	4	.0300
000441	00	760822CC05002B5C2B.M2NIT.NO2	1	.0300
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000443	00	760822CC05002B5C2B.M2NIT.NO2	3	.0300
000444	00	760822CC05002B5C2B.M2NIT.NO2	4	.0300
000445	00	760822CC05002B5C2B.M3NIT.NO2	1	.0300
000446	00	760822CC05002B5C2B.M3NIT.NO2	2	.0300
000447	00	760822CC05002B5C2B.M3NIT.NO2	3	.0300
000448	00	760822CC05002B5C2B.M3NIT.NO2	4	.0300
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000452	00	760823CC05002B5C1B.MONIT.NO2	4	.0300
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000454	00	760823CC05002B5C1B.M1NIT.NO2	2	.0300
000455	00	760823CC05002B5C1B.M1NIT.NO2	3	.8700
000456	00	760823CC05002B5C1B.M1NIT.NO2	4	.0300
000457	00	760823CC05002B5C1B.M2NIT.NO2	1	.0300
000458	00	760823CC05002B5C1B.M2NIT.NO2	2	.8700
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000460	00	760823CC05002B5C1B.M2NIT.NO2	4	.0300
000461	00	760823CC05002B5C1B.M3NIT.NO2	1	.0300
000462	00	760823CC05002B5C1B.M3NIT.NO2	2	.0300
000463	00	760823CC05002B5C1B.M3NIT.NO2	3	.0300

000464	00	780823CCD5002B5C1B.M3NIT.NO2	4	.0300
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000466	00	780823CCD5002B5C2B.M0NIT.NO2	2	.8700
000467	00	780823CCD5002B5C2B.M0NIT.NO2	3	.8700
000468	00	780823CCD5002B5C2B.M0NIT.NO2	4	.8700
000469	00	780823CCD5002B5C2B.M1NIT.NO2	1	.0300
000470	00	780823CCD5002B5C2B.M1NIT.NO2	2	.8700
000471	00	780823CCD5002B5C2B.M1NIT.NO2	3	.0300
000472	00	780823CCD5002B5C2B.M1NIT.NO2	4	.0300
000473	00	780823CCD5002B5C2B.M2NIT.NO2	1	.8700
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000475	00	780823CCD5002B5C2B.M2NIT.NO2	3	.8700
000476	00	780823CCD5002B5C2B.M2NIT.NO2	4	.0300
000477	00	780823CCD5002B5C2B.M3NIT.NO2	1	.0300
000478	00	780823CCD5002B5C2B.M3NIT.NO2	2	.8700
000479	00	780823CCD5002B5C2B.M3NIT.NO2	3	.0300
000480	00	780823CCD5002B5C2B.M3NIT.NO2	4	.0300
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000482	00	780824CCD5002B5C1B.M0NIT.NO2	2	.0300
000483	00	780824CCD5002B5C1B.M0NIT.NO2	3	.0300
000484	00	780824CCD5002B5C1B.M0NIT.NO2	4	.8700
000485	00	780824CCD5002B5C1B.M1NIT.NO2	1	.8700
000486	00	780824CCD5002B5C1B.M1NIT.NO2	2	.8700
000487	00	780824CCD5002B5C1B.M1NIT.NO2	3	.0300
000488	00	780824CCD5002B5C1B.M1NIT.NO2	4	.8700
000489	00	780824CCD5002B5C1B.M2NIT.NO2	1	.8700
000490	00	780824CCD5002B5C1B.M2NIT.NO2	2	.8700
000491	00	780824CCD5002B5C1B.M2NIT.NO2	3	.8700
000492	00	780824CCD5002B5C1B.M2NIT.NO2	4	.8700
000493	00	780824CCD5002B5C1B.M3NIT.NO2	1	.0300
000494	00	780824CCD5002B5C1B.M3NIT.NO2	2	.8700
000495	00	780824CCD5002B5C1B.M3NIT.NO2	3	.8700
000496	00	780824CCD5002B5C1B.M3NIT.NO2	4	.8700
000497	00	780824CCD5002B5C2B.M0NIT.NO2	1	.0000
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000499	00	780824CCD5002B5C2B.M0NIT.NO2	3	.0300
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000506	00	780824CCD5002B5C2B.M2NIT.NO2	2	.0300
000507	00	780824CCD5002B5C2B.M2NIT.NO2	3	.0300
000508	00	780824CCD5002B5C2B.M2NIT.NO2	4	.0300
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000510	00	780824CCD5002B5C2B.M3NIT.NO2	2	.0300
000511	00	780824CCD5002B5C2B.M3NIT.NO2	3	.0300
000512	00	780824CCD5002B5C2B.M3NIT.NO2	4	.8700
000513	00	780801PCD5002B5C1B.M0NIT.NO3	1	.0000
000514	00	780801PCD5002B5C1B.M0NIT.NO3	2	17.7500
000515	00	780801PCD5002B5C1B.M0NIT.NO3	3	19.3900
000516	00	780801PCD5002B5C1B.M0NIT.NO3	4	.8700
000517	00	780801PCD5002B5C1B.M1NIT.NO3	1	8.8700
000518	00	780801PCD5002B5C1B.M1NIT.NO3	2	8.8700
000519	00	780801PCD5002B5C1B.M1NIT.NO3	3	8.8700
000520	00	780801PCD5002B5C1B.M1NIT.NO3	4	.2200
000521	00	780801PCD5002B5C1B.M2NIT.NO3	1	17.7500
000522	00	780801PCD5002B5C1B.M2NIT.NO3	2	17.7500
000523	00	780801PCD5002B5C1B.M2NIT.NO3	3	8.8700
000524	00	780801PCD5002B5C1B.M2NIT.NO3	4	.3900
000525	00	780801PCD5002B5C1B.M3NIT.NO3	1	8.4700
000526	00	780801PCD5002B5C1B.M3NIT.NO3	2	17.4100
000527	00	780801PCD5002B5C1B.M3NIT.NO3	3	20.2200
000528	00	780801PCD5002B5C1B.M3NIT.NO3	4	.3100
000529	00	780801PCD5002B5C2B.M0NIT.NO3	1	.0000
000530	00	780801PCD5002B5C2B.M0NIT.NO3	2	21.0300
000531	00	780801PCD5002B5C2B.M0NIT.NO3	3	20.2200
000532	00	780801PCD5002B5C2B.M0NIT.NO3	4	.0300
000533	00	780801PCD5002B5C2B.M1NIT.NO3	1	19.3900
000534	00	780801PCD5002B5C2B.M1NIT.NO3	2	20.2200
000535	00	780801PCD5002B5C2B.M1NIT.NO3	3	22.6700
000536	00	780801PCD5002B5C2B.M1NIT.NO3	4	.2200
000537	00	780801PCD5002B5C2B.M2NIT.NO3	1	17.7500
000538	00	780801PCD5002B5C2B.M2NIT.NO3	2	19.3900
000539	00	780801PCD5002B5C2B.M2NIT.NO3	3	8.4700
000540	00	780801PCD5002B5C2B.M2NIT.NO3	4	.7500
000541	00	780801PCD5002B5C2B.M3NIT.NO3	1	20.2200

000542	00	780801PC05002B5C2B.M3NIT.NO3	2	22.6700
000543	00	780801PC05002B5C2B.M3NIT.NO3	3	27.5900
000544	00	780801PC05002B5C2B.M3NIT.NO3	4	.8700
000545	00	780802PC05002B5C1B.MONIT.NO3	1	.0000
000546	00	780802PC05002B5C1B.MONIT.NO3	2	17.7500
000547	00	780802PC05002B5C1B.MONIT.NO3	3	17.7500
000548	00	780802PC05002B5C1B.MONIT.NO3	4	.4800
000549	00	780802PC05002B5C1B.M1NIT.NO3	1	8.4700
000550	00	780802PC05002B5C1B.M1NIT.NO3	2	8.4700
000551	00	780802PC05002B5C1B.M1NIT.NO3	3	8.4700
000552	00	780802PC05002B5C1B.M1NIT.NO3	4	.4700
000553	00	780802PC05002B5C1B.M2NIT.NO3	1	19.3900
000554	00	780802PC05002B5C1B.M2NIT.NO3	2	22.6700
000555	00	780802PC05002B5C1B.M2NIT.NO3	3	20.2200
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000558	00	780802PC05002B5C1B.M3NIT.NO3	2	17.7500
000559	00	780802PC05002B5C1B.M3NIT.NO3	3	17.7500
000560	00	780802PC05002B5C1B.M3NIT.NO3	4	.5800
000561	00	780802PC05002B5C2B.MONIT.NO3	1	.0000
000562	00	780802PC05002B5C2B.MONIT.NO3	2	21.0300
000563	00	780802PC05002B5C2B.MONIT.NO3	3	20.2200
000564	00	780802PC05002B5C2B.MONIT.NO3	4	.2200
000565	00	780802PC05002B5C2B.M1NIT.NO3	1	8.4700
000566	00	780802PC05002B5C2B.M1NIT.NO3	2	8.4700
000567	00	780802PC05002B5C2B.M1NIT.NO3	3	17.7500
000568	00	780802PC05002B5C2B.M1NIT.NO3	4	.8700
000569	00	780802PC05002B5C2B.M2NIT.NO3	1	19.3900
000570	00	780802PC05002B5C2B.M2NIT.NO3	2	20.2200
000571	00	780802PC05002B5C2B.M2NIT.NO3	3	25.9500
000572	00	780802PC05002B5C2B.M2NIT.NO3	4	.2200
000573	00	780802PC05002B5C2B.M3NIT.NO3	1	26.5800
000574	00	780802PC05002B5C2B.M3NIT.NO3	2	18.5800
000575	00	780802PC05002B5C2B.M3NIT.NO3	3	22.6700
000576	00	780802PC05002B5C2B.M3NIT.NO3	4	.4000
000577	00	780803PC05002B5C1B.MONIT.NO3	1	.0000
000578	00	780803PC05002B5C1B.MONIT.NO3	2	19.3900
000579	00	780803PC05002B5C1B.MONIT.NO3	3	17.7500
000580	00	780803PC05002B5C1B.MONIT.NO3	4	.2900
000581	00	780803PC05002B5C1B.M1NIT.NO3	1	8.4700
000582	00	780803PC05002B5C1B.M1NIT.NO3	2	8.4700
000583	00	780803PC05002B5C1B.M1NIT.NO3	3	17.7500
000584	00	780803PC05002B5C1B.M1NIT.NO3	4	.8700
000585	00	780803PC05002B5C1B.M2NIT.NO3	1	20.2200
000586	00	780803PC05002B5C1B.M2NIT.NO3	2	21.0400
000587	00	780803PC05002B5C1B.M2NIT.NO3	3	21.0300
000588	00	780803PC05002B5C1B.M2NIT.NO3	4	.2200
000589	00	780803PC05002B5C1B.M3NIT.NO3	1	26.5800
000590	00	780803PC05002B5C1B.M3NIT.NO3	2	18.5800
000591	00	780803PC05002B5C1B.M3NIT.NO3	3	21.0300
000592	00	780803PC05002B5C1B.M3NIT.NO3	4	.8700
000593	00	780803PC05002B5C2B.MONIT.NO3	1	.0000
000594	00	780803PC05002B5C2B.MONIT.NO3	2	20.2200
000595	00	780803PC05002B5C2B.MONIT.NO3	3	20.2200
000596	00	780803PC05002B5C2B.MONIT.NO3	4	.2200
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000600	00	780803PC05002B5C2B.M1NIT.NO3	4	.8700
000601	00	780803PC05002B5C2B.M2NIT.NO3	1	8.4700
000602	00	780803PC05002B5C2B.M2NIT.NO3	2	8.4700
000603	00	780803PC05002B5C2B.M2NIT.NO3	3	8.4700
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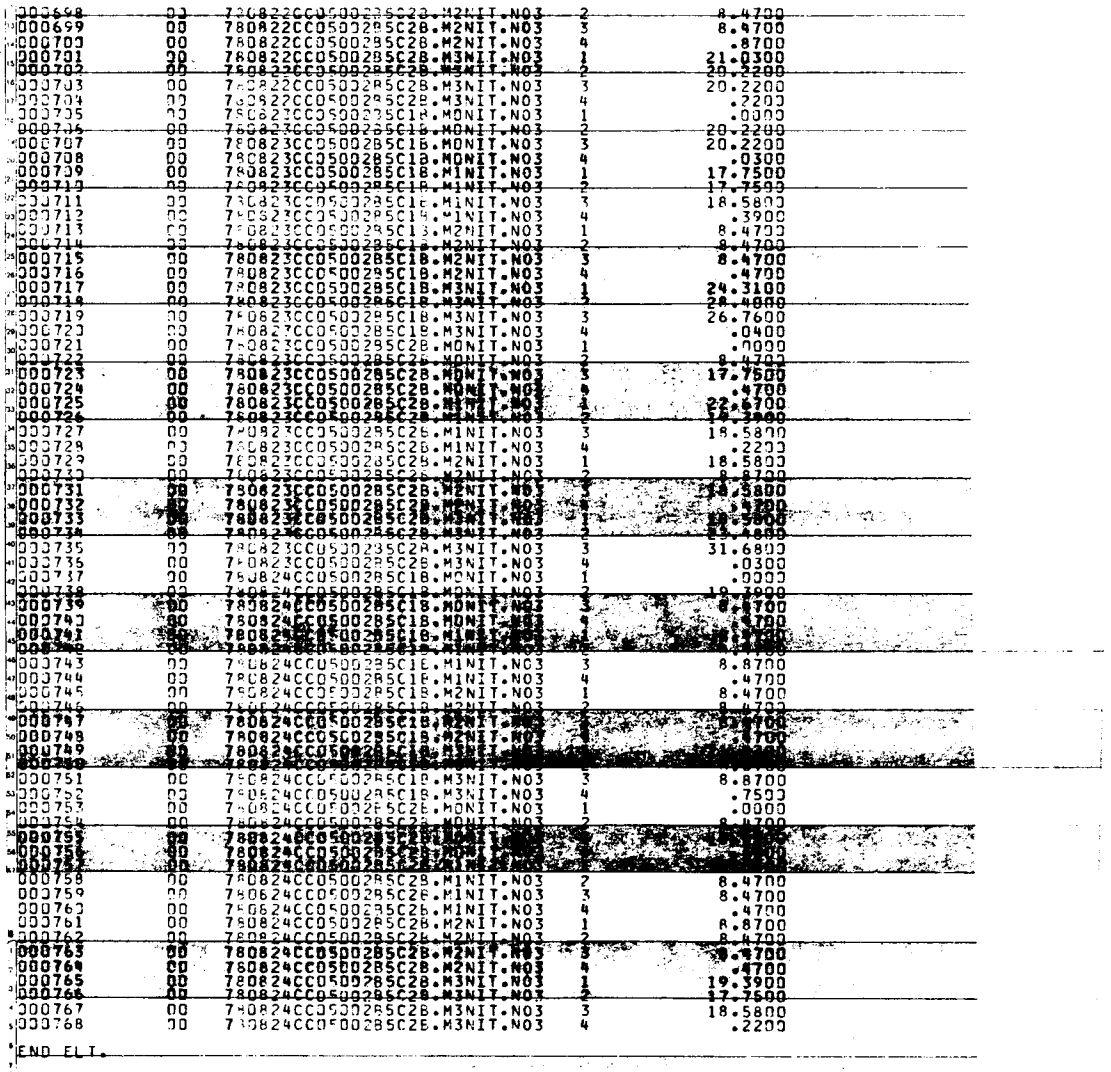
000606	00	780803PC05002B5C2B.M3NIT.NO3	2	8.4700
000607	00	780803PC05002B5C2B.M3NIT.NO3	3	21.0300
000608	00	780803PC05002B5C2B.M3NIT.NO3	4	.6700
000609	00	780804PC05002B5C1B.MONIT.NO3	1	.0000
000610	00	780804PC05002B5C1B.MONIT.NO3	2	18.5800
000611	00	780804PC05002B5C1B.MONIT.NO3	3	8.4700
000612	00	780804PC05002B5C1B.MONIT.NO3	4	.5800
000613	00	780804PC05002B5C1B.M1NIT.NO3	1	8.4700
000614	00	780804PC05002B5C1B.M1NIT.NO3	2	8.4700
000615	00	780804PC05002B5C1B.M1NIT.NO3	3	18.5800
000616	00	780804PC05002B5C1B.M1NIT.NO3	4	.8700
000617	00	780804PC05002B5C1B.M2NIT.NO3	1	8.4700
000618	00	780804PC05002B5C1B.M2NIT.NO3	2	8.4700
000619	00	780804PC05002B5C1B.M2NIT.NO3	3	8.4700

000620	00	780804PC05002B5C1B.M2NIT.NO3	4	.4700
000621	00	780804PC05002B5C1B.M3NIT.NO3	1	17.7500
000622	00	780804PC05002B5C1B.M3NIT.NO3	2	21.0300
000623	00	780804PC05002B5C1B.M3NIT.NO3	3	17.7500
000624	00	780804PC05002B5C1B.M3NIT.NO3	4	.5900
000625	00	780804PC05002B5C2B.MONIT.NO3	1	.0000
000626	00	780804PC05002B5C2B.MONIT.NO3	2	20.2200
000627	00	780804PC05002B5C2B.MONIT.NO3	3	19.3900
000628	00	780804PC05002B5C2B.MONIT.NO3	4	.6700
000629	00	780804PC05002B5C2B.M1NIT.NO3	1	8.4700
000630	00	780804PC05002B5C2B.M1NIT.NO3	2	17.7500
000631	00	780804PC05002B5C2B.M1NIT.NO3	3	8.8700
000632	00	780804PC05002B5C2B.M1NIT.NO3	4	.4700
000633	00	780804PC05002B5C2B.M2NIT.NO3	1	8.4700
000634	00	780804PC05002B5C2B.M2NIT.NO3	2	8.4700
000635	00	780804PC05002B5C2B.M2NIT.NO3	3	8.4700
000636	00	780804PC05002B5C2B.M2NIT.NO3	4	.4700
000637	00	780804PC05002B5C2B.M3NIT.NO3	1	22.6700
000638	00	780804PC05002B5C2B.M3NIT.NO3	2	25.6700
000639	00	780804PC05002B5C2B.M3NIT.NO3	3	20.2200
000640	00	780804PC05002B5C2B.M3NIT.NO3	4	.9500
000641	00	780821CC05002B5C1B.MONIT.NO3	1	.0000
000642	00	780821CC05002B5C1B.MONIT.NO3	2	21.8400
000643	00	780821CC05002B5C1B.MONIT.NO3	3	22.6700
000644	00	780821CC05002B5C1B.MONIT.NO3	4	.5900
000645	00	780821CC05002B5C1B.M1NIT.NO3	1	17.7500
000646	00	780821CC05002B5C1B.M1NIT.NO3	2	8.4700
000647	00	780821CC05002B5C1B.M1NIT.NO3	3	17.7500
000648	00	780821CC05002B5C1B.M1NIT.NO3	4	.8700
000649	00	780821CC05002B5C1B.M2NIT.NO3	1	21.0300
000650	00	780821CC05002B5C1B.M2NIT.NO3	2	24.3100
000651	00	780821CC05002B5C1B.M2NIT.NO3	3	24.3100
000652	00	780821CC05002B5C1B.M2NIT.NO3	4	.9500
000653	00	780821CC05002B5C1B.M3NIT.NO3	1	8.8700
000654	00	780821CC05002B5C1B.M3NIT.NO3	2	17.7500
000655	00	780821CC05002B5C1B.M3NIT.NO3	3	8.4700
000656	00	780821CC05002B5C1B.M3NIT.NO3	4	.3900
000657	00	780821CC05002B5C2B.MONIT.NO3	1	.0000
000658	00	780821CC05002B5C2B.MONIT.NO3	2	18.5800
000659	00	780821CC05002B5C2B.MONIT.NO3	3	18.5800
000660	00	780821CC05002B5C2B.MONIT.NO3	4	.3900
000661	00	780821CC05002B5C2B.M1NIT.NO3	1	8.8700
000662	00	780821CC05002B5C2B.M1NIT.NO3	2	8.4700
000663	00	780821CC05002B5C2B.M1NIT.NO3	3	9.8700
000664	00	780821CC05002B5C2B.M1NIT.NO3	4	.7500
000665	00	780821CC05002B5C2B.M2NIT.NO3	1	8.8700
000666	00	780821CC05002B5C2B.M2NIT.NO3	2	8.4700
000667	00	780821CC05002B5C2B.M2NIT.NO3	3	8.4700
000668	00	780821CC05002B5C2B.M2NIT.NO3	4	.4700
000669	00	780821CC05002B5C2B.M3NIT.NO3	1	27.5900
000670	00	780821CC05002B5C2B.M3NIT.NO3	2	30.2100
000671	00	780821CC05002B5C2B.M3NIT.NO3	3	32.4900
000672	00	780821CC05002B5C2B.M3NIT.NO3	4	.6800
000673	00	780822CC05002B5C1B.MONIT.NO3	1	.0000
000674	00	780822CC05002B5C1B.MONIT.NO3	2	12.1900
000675	00	780822CC05002B5C1B.MONIT.NO3	3	8.8700
000676	00	780822CC05002B5C1B.MONIT.NO3	4	.7500
000677	00	780822CC05002B5C1B.M1NIT.NO3	1	8.8700
000678	00	780822CC05002B5C1B.M1NIT.NO3	2	8.4700
000679	00	780822CC05002B5C1B.M1NIT.NO3	3	9.4700
000680	00	780822CC05002B5C1B.M1NIT.NO3	4	.4700
000681	00	780822CC05002B5C1B.M2NIT.NO3	1	8.4700
000682	00	780822CC05002B5C1B.M2NIT.NO3	2	8.4700
000683	00	780822CC05002B5C1B.M2NIT.NO3	3	8.8700
000684	00	780822CC05002B5C1B.M2NIT.NO3	4	.4700
000685	00	780822CC05002B5C1B.M3NIT.NO3	1	20.2200
000686	00	780822CC05002B5C1B.M3NIT.NO3	2	20.2200
000687	00	780822CC05002B5C1B.M3NIT.NO3	3	22.6700
000688	00	780822CC05002B5C1B.M3NIT.NO3	4	.6700
000689	00	780822CC05002B5C2B.MONIT.NO3	1	.0000
000690	00	780822CC05002B5C2B.MONIT.NO3	2	8.4700
000691	00	780822CC05002B5C2B.MONIT.NO3	3	8.8700
000692	00	780822CC05002B5C2B.MONIT.NO3	4	.7500
000693	00	780822CC05002B5C2B.M1NIT.NO3	1	8.4700
000694	00	780822CC05002B5C2B.M1NIT.NO3	2	8.4700
000695	00	780822CC05002B5C2B.M1NIT.NO3	3	8.4700
000696	00	780822CC05002B5C2B.M1NIT.NO3	4	.4700
000697	00	780822CC05002B5C2B.M2NIT.NO3	1	8.4700



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000698   00   780822CC05002B5C2B.M2NIT.NO3   2          8.4700
000699   00   780822CC05002B5C2B.M2NIT.NO3   3          8.4700
000700   00   780822CC05002B5C2B.M2NIT.NO3   4           .8700
000701   00   780822CC05002B5C2B.M3NIT.NO3   1         21.0300
000702   00   780822CC05002B5C2B.M3NIT.NO3   2         20.2200
000703   00   780822CC05002B5C2B.M3NIT.NO3   3         20.2200
000704   00   780822CC05002B5C2B.M3NIT.NO3   4           .2200
000705   00   780823CC05002B5C1B.MONIT.NO3   1           .0000
000706   00   780823CC05002B5C1B.MONIT.NO3   2         20.2200
000707   00   780823CC05002B5C1B.MONIT.NO3   3         20.2200
000708   00   780823CC05002B5C1B.MONIT.NO3   4           .0300
000709   00   780823CC05002B5C1B.M1NIT.NO3   1         17.7500
000710   00   780823CC05002B5C1B.M1NIT.NO3   2         17.7500
000711   00   780823CC05002B5C1B.M1NIT.NO3   3         18.5800
000712   00   780823CC05002B5C1B.M1NIT.NO3   4           .3900
000713   00   780823CC05002B5C1B.M2NIT.NO3   1          8.4700
000714   00   780823CC05002B5C1B.M2NIT.NO3   2          8.4700
000715   00   780823CC05002B5C1B.M2NIT.NO3   3          8.4700
000716   00   780823CC05002B5C1B.M2NIT.NO3   4           .4700
000717   00   780823CC05002B5C1B.M3NIT.NO3   1         24.3100
000718   00   780823CC05002B5C1B.M3NIT.NO3   2         28.4800
000719   00   780823CC05002B5C1B.M3NIT.NO3   3         26.7600
000720   00   780823CC05002B5C1B.M3NIT.NO3   4           .0400
000721   00   780823CC05002B5C2B.MONIT.NO3   1           .0000
000722   00   780823CC05002B5C2B.MONIT.NO3   2          8.4700
000723   00   780823CC05002B5C2B.MONIT.NO3   3         17.7500
000724   00   780823CC05002B5C2B.MONIT.NO3   4           .4700
000725   00   780823CC05002B5C2B.M1NIT.NO3   1         22.6700
000726   00   780823CC05002B5C2B.M1NIT.NO3   2         19.3900
000727   00   780823CC05002B5C2B.M1NIT.NO3   3         18.5800
000728   00   780823CC05002B5C2B.M1NIT.NO3   4           .2200
000729   00   780823CC05002B5C2B.M2NIT.NO3   1         18.5800
000730   00   780823CC05002B5C2B.M2NIT.NO3   2          8.8700
000731   00   780823CC05002B5C2B.M2NIT.NO3   3         18.5800
000732   00   780823CC05002B5C2B.M2NIT.NO3   4           .4700
000733   00   780823CC05002B5C2B.M3NIT.NO3   1         18.5800
000734   00   780823CC05002B5C2B.M3NIT.NO3   2         23.4800
000735   00   780823CC05002B5C2B.M3NIT.NO3   3         31.6800
000736   00   780823CC05002B5C2B.M3NIT.NO3   4           .0300
000737   00   780824CC05002B5C1B.MONIT.NO3   1           .0000
000738   00   780824CC05002B5C1B.MONIT.NO3   2         19.3900
000739   00   780824CC05002B5C1B.MONIT.NO3   3          8.4700
000740   00   780824CC05002B5C1B.MONIT.NO3   4           .4700
000741   00   780824CC05002B5C1B.M1NIT.NO3   1          [illegible]
000742   00   780824CC05002B5C1B.M1NIT.NO3   2          [illegible]
000743   00   780824CC05002B5C1B.M1NIT.NO3   3          8.8700
000744   00   780824CC05002B5C1B.M1NIT.NO3   4           .4700
000745   00   780824CC05002B5C1B.M2NIT.NO3   1          8.4700
000746   00   780824CC05002B5C1B.M2NIT.NO3   2          8.4700
000747   00   780824CC05002B5C1B.M2NIT.NO3   3          8.4700
000748   00   780824CC05002B5C1B.M2NIT.NO3   4           .4700
000749   00   780824CC05002B5C1B.M3NIT.NO3   1          [illegible]
000750   00   780824CC05002B5C1B.M3NIT.NO3   2          [illegible]
000751   00   780824CC05002B5C1B.M3NIT.NO3   3          8.8700
000752   00   780824CC05002B5C1B.M3NIT.NO3   4           .7500
000753   00   780824CC05002B5C2B.MONIT.NO3   1           .0000
000754   00   780824CC05002B5C2B.MONIT.NO3   2          8.4700
000755   00   780824CC05002B5C2B.MONIT.NO3   3          [illegible]
000756   00   780824CC05002B5C2B.MONIT.NO3   4          [illegible]
000757   00   780824CC05002B5C2B.M1NIT.NO3   1          [illegible]
000758   00   780824CC05002B5C2B.M1NIT.NO3   2          8.4700
000759   00   780824CC05002B5C2B.M1NIT.NO3   3          8.4700
000760   00   780824CC05002B5C2B.M1NIT.NO3   4           .4700
000761   00   780824CC05002B5C2B.M2NIT.NO3   1          8.8700
000762   00   780824CC05002B5C2B.M2NIT.NO3   2          8.4700
000763   00   780824CC05002B5C2B.M2NIT.NO3   3          8.4700
000764   00   780824CC05002B5C2B.M2NIT.NO3   4           .4700
000765   00   780824CC05002B5C2B.M3NIT.NO3   1         19.3900
000766   00   780824CC05002B5C2B.M3NIT.NO3   2         17.7500
000767   00   780824CC05002B5C2B.M3NIT.NO3   3         18.5800
000768   00   780824CC05002B5C2B.M3NIT.NO3   4           .2200
END ELT.
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@HDG.P  ******  NFIXTN  ******

@ELT.L  RFHLBCR2.NFIXTN
ELT007  SL73R1  06/29/79  11 53 37  (B.)
000001      00    780801PC05002B5C1B.M3NFIXTN          500      1500       750       500
000002      00    780801PC05002B5C2B.M3NFIXTN          500       500      1500
000003      00    780802PC05002B5C1B.M3NFIXTN          750       250       500       500
000004      00    780802PC05002B5C2B.M3NFIXTN         1000      1500      1500      2000
000005      00    780803PC05002B5C1B.M3NFIXTN          750       750      1000       500
000006      00    780803PC05002B5C2B.M3NFIXTN          750       750       250       750
000007      00    780804PC05002B5C1B.M3NFIXTN          750       750       750      1000
000008      00    780804PC05002B5C2B.M3NFIXTN          250       250       500       250
000009      00    780821CC05002B5C1B.M3NFIXTN          500       500       250       250
000010      00    780821CC05002B5C2B.M3NFIXTN          750      1000      1000       750
000011      00    780822CC05002B5C1B.M3NFIXTN          750      1000      1000       500
000012      00    780822CC05002B5C2B.M3NFIXTN          250       250      1000       500
000013      00    780823CC05002B5C1B.M3NFIXTN          500       750       250       750
000014      00    780823CC05002B5C2B.M3NFIXTN         1000       750       750      1000
000015      00    780824CC05002B5C1B.M3NFIXTN          250       500       250       500
000016      00    780824CC05002B5C2B.M3NFIXTN          500       500       750       750

END ELT.
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BWDG,P  ******  PPMA  ******

@ELT,L RFHLBCR2.PPMA
ELT007 SL73R1 05/29/79 11 53 40 (0,1)
000001      00   780801PC05002B5C1B.M M.A.        -.28     -.50     -.44     -.50
000002      00   780801PC05002B5C2B.M M.A.        -.58     -.70     -.74     -.56
000003      00   780802PC05002B5C1B.M M.A.         .00     -.36     -.40     -.48
000004      00   780802PC05002B5C2B.M M.A.        -.22     -.52     -.40     -.44
000005      00   780803PC05002B5C1B.M M.A.         .00      .00      .00      .00
000006      00   780803PC05002B5C2B.M M.A.         .00      .00      .00      .00
000007      00   780804PC05002B5C1B.M M.A.        -.54     -.60     -.64     -.54
000008      00   780804PC05002B5C2B.M M.A.        -.48     -.54     -.66     -.62
000009      00   780821CC05002B5C1B.M M.A.        -.54     -.50     -.54     -.54
000010      00   780821CC05002B5C2B.M M.A.        -.52     -.60     -.62     -.54
000011      00   780822CC05002B5C1B.M M.A.        -.04     -.08     -.06      .00
000012      00   780822CC05002B5C2B.M M.A.         .00      .00      .00      .00
000013      00   780823CC05002B5C1B.M M.A.        -.06     -.16     -.20     -.06
000014      00   780823CC05002B5C2B.M M.A.         .46     -.26     -.20     -.24
000015      00   780824CC05002B5C1B.M M.A.         .02      .00      .04      .00
000016      00   780824CC05002B5C2B.M M.A.         .00      .00      .02      .02
000017      00   780801PC05002B5C1B.M PHOTO.      -.14      .16      .02      .00
000018      00   780801PC05002B5C2B.M PHOTO.       .00      .00      .08      .00
000019      00   780802PC05002B5C1B.M PHOTO.       .08      .08      .04      .08
000020      00   780802PC05002B5C2B.M PHOTO.       .06      .08      .08      .04
000021      00   780803PC05002B5C1B.M PHOTO.       .00      .00      .00      .00
000022      00   780803PC05002B5C2B.M PHOTO.       .00      .00      .00      .00
000023      00   780804PC05002B5C1B.M PHOTO.       .04      .04      .02      .02
000024      00   780804PC05002B5C2B.M PHOTO.      -.02     -.04      .06      .06
000025      00   780821CC05002B5C1B.M PHOTO.       .06      .00      .02      .00
000026      00   780821CC05002B5C2B.M PHOTO.      -.04      .06      .06    -1.82
000027      00   780822CC05002B5C1B.M PHOTO.      -.02      .00      .08      .00
000028      00   780822CC05002B5C2B.M PHOTO.       .00      .00      .00      .00
000029      00   780823CC05002B5C1B.M PHOTO.      -.02      .04      .10     -.12
000030      00   780823CC05002B5C2B.M PHOTO.       .30      .04      .08      .10
000031      00   780824CC05002B5C1B.M PHOTO.      -.02     -.02     -.02      .02
000032      00   780824CC05002B5C2B.M PHOTO.       .02      .00      .06      .00

END ELT.
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@MDG,P  ******  P04  ******

@ELT,L  RFHL8CR2.P04
ELT007  SL73R1  05/29/79  11 53 40  (0,)
000001  00  780801PC05002B5C1B.M0P04.INS          .00      331.34      204.52      365.09
000002  00  780801PC05002B5C1B.M0P04.SOL          .00     9668.66     9795.48     9634.91
000003  00  780801PC05002B5C1B.M1P04.INS       331.64      328.08      236.32      395.37
000004  00  780801PC05002B5C1B.M1P04.SOL      9441.36     9671.92     9763.68     9604.63
000005  00  780801PC05002B5C1B.M2P04.INS       [illegible]
000006  00  780801PC05002B5C1B.M2P04.SOL      9475.40     9659.15     9767.27     9520.74
000007  00  780801PC05002B5C1B.M3P04.INS       439.78       85.33      248.64      422.13
000008  00  780801PC05002B5C1B.M3P04.SOL      9560.30     9914.67     9751.36     9577.87
000009  00  780801PC05002B5C2B.M0P04.INS          .00      239.82      518.13      226.77
000010  00  780801PC05002B5C2B.M0P04.SOL          .00     9760.18     9481.87     9773.23
000011  00  780801PC05002B5C2B.M1P04.INS       281.40      184.63      411.49      299.45
000012  00  780801PC05002B5C2B.M1P04.SOL      9718.60     9815.37     9588.51     9700.55
000013  00  780801PC05002B5C2B.M2P04.INS       245.74      211.58      519.24      335.68
000014  00  780801PC05002B5C2B.M2P04.SOL      9754.26     9788.50     9480.76     9664.40
000015  00  780801PC05002B5C2B.M3P04.INS       450.87      187.13      558.91      455.88
000016  00  780801PC05002B5C2B.M3P04.SOL      9549.13     9812.87     9441.09     9544.12
000017  00  780802PC05002B5C1B.M0P04.INS          .00      483.29      786.08      217.84
000018  00  780802PC05002B5C1B.M0P04.SOL          .00     9516.71     9213.92     9782.16
000019  00  780802PC05002B5C1B.M1P04.INS       526.33     1435.02      472.14      579.15
000020  00  780802PC05002B5C1B.M1P04.SOL      9473.67     8564.97     9527.86     9420.85
000021  00  780802PC05002B5C1B.M2P04.INS       [illegible]
000022  00  780802PC05002B5C1B.M2P04.SOL      9565.46     9618.68     9506.39     9526.68
000023  00  780802PC05002B5C1B.M3P04.INS      2624.67      286.63      164.16      238.48
000024  00  780802PC05002B5C1B.M3P04.SOL      7375.33     9713.37     9835.84     9761.52
000025  00  780802PC05002B5C2B.M0P04.INS          .00      117.75      354.40      212.46
000026  00  780802PC05002B5C2B.M0P04.SOL          .00     9882.25     9645.60     9787.95
000027  00  780802PC05002B5C2B.M1P04.INS        67.77       31.00      204.41      261.16
000028  00  780802PC05002B5C2B.M1P04.SOL      9932.23     9969.00     9795.59     9738.84
000029  00  780802PC05002B5C2B.M2P04.INS       [illegible]
000030  00  780802PC05002B5C2E.M2P04.SOL      9810.48     9787.45     9790.97     9563.19
000031  00  780802PC05002B5C2E.M3P04.INS       382.12      286.84      472.45      971.47
000032  00  780802PC05002B5C2E.M3P04.SOL      9617.88     9713.16     9527.55     9028.53
000033  00  780803PC05002B5C1B.M0P04.INS          .00      845.68     1205.66     1018.42
000034  00  780803PC05002B5C1B.M0P04.SOL          .00     9154.32     8794.34     8981.58
000035  00  780803PC05002B5C1B.M1P04.INS       774.08      818.67      842.96      851.37
000036  00  780803PC05002B5C1B.M1P04.SOL      9225.92     9181.33     9157.04     9148.63
000037  00  780803PC05002B5C1B.M2P04.INS       [illegible]
000038  00  780803PC05002B5C1E.M2P04.SOL      9243.59     9124.00     8965.76     8936.01
000039  00  780803PC05002B5C1E.M3P04.INS       921.19     1268.92      577.76      731.28
000040  00  780803PC05002B5C1E.M3P04.SOL      9078.81     8731.08     9422.24     9268.72
000041  00  780803PC05002B5C2B.M0P04.INS          .00      632.71      668.76      581.58
000042  00  780803PC05002B5C2B.M0P04.SOL          .00     9367.29     9331.24     9418.42
000043  00  780803PC05002B5C2B.M1P04.INS       [illegible]
000044  00  780803PC05002B5C2B.M1P04.SOL      [illegible]
000045  00  780803PC05002B5C2B.M2P04.INS       [illegible]
000046  00  780803PC05002B5C2B.M2P04.SOL      9384.95     9415.15     9668.89     9399.22
000047  00  780803PC05002B5C2B.M3P04.INS       534.59      793.91      494.71      502.55
000048  00  780803PC05002B5C2B.M3P04.SOL      9465.41     9206.09     9505.29     9497.45
000049  00  780804PC05002B5C1B.M0P04.INS          .00      [illegible]
000050  00  780804PC05002B5C1B.M0P04.SOL          .00     [illegible]
000051  00  780804PC05002B5C1B.M1P04.INS       [illegible]
000052  00  780804PC05002B5C1B.M1P04.SOL      [illegible]
000053  00  780804PC05002B5C1B.M2P04.INS       [illegible]
000054  00  780804PC05002B5C1B.M2P04.SOL      9747.83     9797.58     9770.60     9694.46
000055  00  780804PC05002B5C1B.M3P04.INS       221.46      246.22      284.34      277.82
000056  00  780804PC05002B5C1B.M3P04.SOL      9778.54     9753.78     9715.66     9722.18
000057  00  780804PC05002B5C2B.M0P04.INS          .00      [illegible]
000058  00  780804PC05002B5C2B.M0P04.SOL          .00     9777.86     9758.95     9776.62
000059  00  780804PC05002B5C2B.M1P04.INS       [illegible]
000060  00  780804PC05002B5C2B.M1P04.SOL      [illegible]
000061  00  780804PC05002B5C2B.M2P04.INS       299.79      298.07      402.71      223.54
000062  00  780804PC05002B5C2B.M2P04.SOL      9705.21     9701.93     9597.29     9776.46
000063  00  780804PC05002B5C2B.M3P04.INS       247.74      218.66      282.38      261.03
000064  00  780804PC05002B5C2B.M3P04.SOL      9752.26     9781.34     9717.62     9738.97
000065  00  780821CC05002B5C1B.M0P04.INS          .00     4855.40     3515.16     4637.84
000066  00  780821CC05002B5C1B.M0P04.SOL          .00     5144.60     6484.84     5362.16
000067  00  780821CC05002B5C1B.M1P04.INS       [illegible]
000068  00  780821CC05002B5C1B.M1P04.SOL      [illegible]
000069  00  780821CC05002B5C1B.M2P04.INS       [illegible]
000070  00  780821CC05002B5C1B.M2P04.SOL      [illegible]
000071  00  780821CC05002B5C1B.M3P04.INS      3681.44     4341.44     6356.81     4436.94
000072  00  780821CC05002B5C1B.M3P04.SOL      9815.00     9853.26     9895.47     9892.89
000073  00  780821CC05002B5C1B.M2P04.INS       185.00      146.74      104.53      107.11
000073  00  780821CC05002B5C1B.M2P04.INS       160.12      148.60      182.15      110.74
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000074	00	780821CC05002B5C1B.M2P04.SOL	9839.68	9851.40	9817.85	9889.26
000075	00	780821CC05002B5C1B.M3P04.INS	166.13	136.43	106.89	110.56
000076	00	780821CC05002B5C1B.M3P04.SOL	9833.87	9863.57	9895.11	9889.44
000077	00	780821CC05002B5C2B.M1P04.SOL	5128.69	5099.42	4912.42	5460.62
000078	00	780821CC05002B5C2B.M2P04.SOL	4874.41	4900.58	5087.58	4539.38
000079	00	780821CC05002B5C2B.M3P04.INS	178.20	136.54	228.19	93.34
000080	00	780821CC05002B5C2B.M3P04.SOL	9821.80	9863.46	9771.81	9906.66
000081	00	780822CC05002B5C1B.M0P04.INS	.00	124.90	221.41	603.16
000082	00	780822CC05002B5C1B.M0P04.SOL	.00	9875.10	9778.59	9396.84
000083	00	780822CC05002B5C1B.M1P04.INS	187.79	118.09	334.99	221.68
000084	00	780822CC05002B5C1B.M1P04.SOL	9812.21	9885.91	9665.01	9778.32
000085	00	780822CC05002B5C1B.M2P04.INS	288.12	135.44	246.36	325.97
000086	00	780822CC05002B5C1B.M2P04.SOL	9711.88	9864.56	9713.65	9674.03
000087	00	780822CC05002B5C1B.M3P04.INS	203.91	155.64	320.57	391.84
000088	00	780822CC05002B5C1B.M3P04.SOL	9796.09	9844.36	9679.43	9608.16
000089	00	780822CC05002B5C2B.M0P04.INS	.00	187.27	521.12	196.40
000090	00	780822CC05002B5C2B.M0P04.SOL	.00	9812.73	9478.88	9803.60
000091	00	780822CC05002B5C2B.M1P04.INS	248.43	166.63	196.02	157.70
000092	00	780822CC05002B5C2B.M1P04.SOL	9751.57	9833.37	9803.98	9842.30
000093	00	780822CC05002B5C2B.M2P04.INS	265.69	201.99	256.99	198.74
000094	00	780822CC05002B5C2B.M2P04.SOL	9734.31	9798.06	9743.01	9815.22
000095	00	780822CC05002B5C2B.M3P04.INS	301.27	181.09	266.72	178.61
000096	00	780822CC05002B5C2B.M3P04.SOL	9698.73	9818.91	9733.28	9821.39
000097	00	780823CC05002B5C1B.M0P04.INS	.00	368.66	312.15	499.71
000098	00	780823CC05002B5C1B.M0P04.SOL	.00	9631.15	9687.85	9500.29
000099	00	780823CC05002B5C1B.M1P04.INS	370.38	483.98	476.47	412.10
000100	00	780823CC05002B5C1B.M1P04.SOL	9629.62	9516.02	9523.53	9587.90
000101	00	780823CC05002B5C1B.M2P04.INS	419.72	387.80	391.83	491.71
000102	00	780823CC05002B5C1B.M2P04.SOL	9580.78	9602.20	9601.07	9473.29
000103	00	780823CC05002B5C1B.M3P04.INS	437.23	395.83	472.55	580.04
000104	00	780823CC05002B5C1B.M3P04.SOL	9562.77	9604.17	9527.45	9419.95
000105	00	780823CC05002B5C2B.M0P04.INS	.00	832.78	432.93	485.69
000106	00	780823CC05002B5C2B.M0P04.SOL	.00	9167.22	9567.07	9514.31
000107	00	780823CC05002B5C2B.M1P04.INS	386.01	381.20	548.38	492.60
000108	00	780823CC05002B5C2B.M1P04.SOL	9613.99	9618.80	9451.62	9507.40
000109	00	780823CC05002B5C2B.M2P04.INS	388.72	384.41	382.84	534.56
000110	00	780823CC05002B5C2B.M2P04.SOL	9663.26	9811.59	9602.38	9646.42
000111	00	780823CC05002B5C2B.M3P04.INS	338.62	300.70	528.17	451.72
000112	00	780823CC05002B5C2B.M3P04.SOL	9661.38	9699.30	9471.83	9548.28
000113	00	780824CC05002B5C1B.M0P04.INS	.00	80.58	75.60	95.27
000114	00	780824CC05002B5C1B.M0P04.SOL	.00	9919.42	9924.40	9904.73
000115	00	780824CC05002B5C1B.M1P04.INS	71.18	81.21	88.88	98.81
000116	00	780824CC05002B5C1B.M1P04.SOL	9928.82	9918.79	9911.12	9901.19
000117	00	780824CC05002B5C1B.M2P04.INS	79.60	78.87	77.26	97.80
000118	00	780824CC05002B5C1B.M2P04.SOL	9869.78	9921.93	9918.35	9930.20
000119	00	780824CC05002B5C1B.M3P04.INS	147.17	91.67	110.95	60.68
000120	00	780824CC05002B5C1B.M3P04.SOL	9852.83	9908.33	9889.05	9939.32
000121	00	780824CC05002B5C2B.M0P04.INS	.00	148.79	101.30	134.28
000122	00	780824CC05002B5C2B.M0P04.SOL	.00	9851.21	9898.70	9865.72
000123	00	780824CC05002B5C2B.M1P04.INS	183.47	155.80	188.30	178.27
000124	00	780824CC05002B5C2B.M1P04.SOL	9816.53	9844.20	9811.70	9821.73
000125	00	780824CC05002B5C2B.M2P04.INS	208.47	208.47	183.29	201.71
000126	00	780824CC05002B5C2B.M2P04.SOL	9805.65	9835.48	9816.72	9768.89
000127	00	780824CC05002B5C2B.M3P04.INS	175.73	150.02	170.08	202.35
000128	00	780824CC05002B5C2B.M3P04.SOL	9824.27	9849.98	9829.92	9797.65

END ELT.

@HOC,P ****** F90 ******

@ELT,L RFWL8CR2.PC

ELT007 SL73R1 05/29/79 11 53 41 (0,)

000001	00	780801PC0500285C1B.MOPRO.C02	.00	3545.59	.00	80.64
000002	00	780801PC0500285C1B.MOPRO.INS	.00	28099.33	29702.37	29679.50
000003	00	780801PC0500285C1B.MOPRO.SOL	.00	289.04	297.67	283.05
000004	00	780801PC0500285C2B.MOPRO.C02	.00	2132.92	.00	88.83
000005	00	780801PC0500285C2B.MOPRO.INS	.00	28919.01	29878.54	29815.58
000006	00	780801PC0500285C2B.MOPRO.SOL	.00	111.48	171.46	144.05
000007	00	780801PC0500285C1B.M1PRO.C02	3347.79	213.08	1497.30	1137.20
000008	00	780801PC0500285C1B.M1PRO.INS	22294.85	28118.40	23602.99	21222.14
000009	00	780801PC0500285C1B.M1PRO.SOL	6165.25	1784.75	5716.42	8260.95
000010	00	780801PC0500285C2B.M1PRO.C02	3113.83	271.37	3951.26	3684.21
000011	00	780801PC0500285C2B.M1PRO.INS	19555.91	25008.17	21362.45	19508.79
000012	00	780801PC0500285C2B.M1PRO.SOL	9028.71	4068.48	6841.54	8816.57
000013	00	780801PC0500285C1B.M2PRO.C02	2772E.68	1598.45	12018.71	5968.33
000014	00	780801PC0500285C1B.M2PRO.INS	13258.94	28650.19	19430.13	20213.81
000015	00	780801PC0500285C1B.M2PRO.SOL	4138.48	621.24	5106.82	7073.31
000016	00	780801PC0500285C2B.M2PRO.C02	36980.87	16035.12	28391.88	10829.12
000017	00	780801PC0500285C2B.M2PRO.INS	9604.25	21670.07	12775.04	17998.99
000018	00	780801PC0500285C2B.M2PRO.SOL	3586.26	1091.94	4319.92	7078.68
000019	00	780801PC0500285C1B.M3PRO.C02	32643.36	4284.18	16055.66	24463.64
000020	00	780801PC0500285C1B.M3PRO.INS	8970.99	26078.54	14687.69	9619.83
000021	00	780801PC0500285C1B.M3PRO.SOL	6172.93	1078.38	7655.22	4487.60
000022	00	780801PC0500285C2B.M3PRO.C02	29549.30	3684.43	13504.61	26949.96
000023	00	780801PC0500285C2B.M3PRO.INS	12231.72	46194.79	15163.98	12080.91
000024	00	780801PC0500285C2B.M3PRO.SOL	4336.76	2150.56	8700.56	5749.11
000025	00	780802PC0500285C1B.MOPRO.C02	.00	495.56	40.51	.00
000026	00	780802PC0500285C1B.MOPRO.INS	.00	28837.85	29899.24	29774.46
000027	00	780802PC0500285C1B.MOPRO.SOL	.00	994.48	1342.38	225.54
000028	00	780802PC0500285C2B.MOPRO.C02	.00	58.19	694.56	.00
000029	00	780802PC0500285C2B.MOPRO.INS	.00	29433.98	29422.23	28941.08
000030	00	780802PC0500285C2B.MOPRO.SOL	.00	539.57	302.97	1058.92
000031	00	780802PC0500285C1B.M1PRO.C02	639.61	204.86	884.67	852.19
000032	00	780802PC0500285C1B.M1PRO.INS	16058.90	24984.48	22752.10	24165.89
000033	00	780802PC0500285C1B.M1PRO.SOL	13695.82	8952.40	6760.80	5846.76
000034	00	780802PC0500285C2B.M1PRO.C02	1249.50	448.61	1016.38	1106.20
000035	00	780802PC0500285C2B.M1PRO.INS	20677.61	25513.75	21775.00	21147.73
000036	00	780802PC0500285C2B.M1PRO.SOL	8754.43	4282.35	7762.32	8309.55
000037	00	780802PC0500285C1B.M2PRO.C02	13333.86	4527.26	3725.63	11454.31
000038	00	780802PC0500285C1B.M2PRO.INS	17660.93	18789.68	22455.54	16986.97
000039	00	780802PC0500285C1B.M2PRO.SOL	6279.59	9152.47	5853.99	7806.53
000040	00	780802PC0500285C2B.M2PRO.C02	10886.23	3222.41	2843.01	13166.80
000041	00	780802PC0500285C2B.M2PRO.INS	17527.80	23454.17	20879.80	18792.62
000042	00	780802PC0500285C2B.M2PRO.SOL	7523.91	5081.10	7827.92	5222.47
000043	00	780802PC0500285C1B.M3PRO.C02	10396.13	7511.85	14808.04	9505.22
000044	00	780802PC0500285C1B.M3PRO.INS	14160.68	23071.37	14197.78	16740.47
000045	00	780802PC0500285C1B.M3PRO.SOL	7022.91	3514.45	9071.29	8938.97
000046	00	780802PC0500285C2B.M3PRO.C02	10237.07	2501.06	13250.10	5348.52
000047	00	780802PC0500285C2B.M3PRO.INS	9258.54	22254.02	12957.22	19317.40
000048	00	780802PC0500285C2B.M3PRO.SOL	16088.24	6609.13	11020.01	8251.45
000049	00	780803PC0500285C1B.MOPRO.C02	.00	32.61	393.03	.00
000050	00	780803PC0500285C1B.MOPRO.INS	.00	29203.56	28731.53	29686.31
000051	00	780803PC0500285C1B.MOPRO.SOL	.00	781.62	1080.83	313.69
000052	00	780803PC0500285C2B.MOPRO.C02	.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.M1PRO.C02	457.34	463.95	1751.40	1100.66
000056	00	780803PC0500285C1B.M1PRO.INS	19449.91	19325.61	12924.68	22523.51
000057	00	780803PC0500285C1B.M1PRO.SOL	10342.21	10463.59	16279.23	6976.19
000058	00	780803PC0500285C2B.M1PRO.C02	1021.28	70.62	2463.28	868.76
000059	00	780803PC0500285C2B.M1PRO.INS	21046.52	26587.27	19629.22	23225.81
000060	00	780803PC0500285C2B.M1PRO.SOL	9489.26	3410.68	9351.10	6379.30
000061	00	780803PC0500285C1B.M2PRO.C02	10298.67	1395.61	3975.51	11707.36
000062	00	780803PC0500285C1B.M2PRO.INS	19485.83	25752.30	24715.04	21280.16
000063	00	780803PC0500285C1B.M2PRO.SOL	5837.50	3613.31	3477.91	3398.32
000064	00	780803PC0500285C2B.M2PRO.C02	2541.83	1884.01	18600.15	5286.94
000065	00	780803PC0500285C2B.M2PRO.INS	22396.02	26884.69	17452.34	25170.17
000066	00	780803PC0500285C2B.M2PRO.SOL	6448.61	2392.85	8093.06	2426.67
000067	00	780803PC0500285C1B.M3PRO.C02	37142.17	2904.98	14345.75	13659.10
000068	00	780803PC0500285C1B.M3PRO.INS	9394.86	26401.15	15860.11	16725.75
000069	00	780803PC0500285C1B.M3PRO.SOL	3722.33	2278.44	10732.74	7069.64
000070	00	780803PC0500285C2B.M3PRO.C02	21179.94	5506.80	14056.46	3299.15
000071	00	780803PC0500285C2B.M3PRO.INS	12648.60	24708.60	17296.26	22522.72
000072	00	780803PC0500285C2B.M3PRO.SOL	7524.16	2788.31	8314.43	5997.67
000073	00	780804PC0500285C1B.MOPRO.C02	.00	.00	946.27	54.97

000074	[illegible]	[illegible]	.00	29665.79	29403.23	29719.61
000075	[illegible]	[illegible]	.00	332.26	318.03	255.41
000076	00	780804PC05002B5C2B.M0PRO.C02	.00	.00	30.39	137.50
000077	00	780804PC05002B5C2B.M0PRO.INS	.00	28997.08	29374.37	29596.81
000078	00	780804PC05002B5C2B.M0PRO.SOL	.00	1002.92	611.81	340.69
000079	00	780804PC05002B5C1B.M1PRO.C02	3107.90	334.53	1844.86	3018.33
000080	[illegible]	[illegible]	[illegible]	27800.15	21885.09	20540.69
000081	[illegible]	[illegible]	[illegible]	2097.91	7239.81	8007.34
000082	[illegible]	[illegible]	[illegible]	1134.91	1491.67	1468.29
000083	[illegible]	[illegible]	[illegible]	2097.10	2160.39	21831.99
000084	00	780804PC05002B5C2B.M1PRO.SOL	6712.33	1646.17	6650.73	8294.61
000085	00	780804PC05002B5C1B.M2PRO.C02	20190.15	3442.87	23452.66	6659.86
000086	00	780804PC05002B5C1B.M2PRO.INS	15280.01	27383.05	14378.22	19947.36
000087	00	780804PC05002B5C1B.M2PRO.SOL	5542.60	1052.01	4961.48	7026.44
000088	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11437.67
000089	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19255.28
000090	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000092	00	780804PC05002B5C1B.M3PRO.INS	7901.67	26503.87	18264.44	18152.12
000093	00	780804PC05002B5C1B.M3PRO.SOL	4094.82	975.07	8167.54	6374.72
000094	00	780804PC05002B5C2B.M3PRO.C02	23665.98	6688.16	8466.72	11473.83
000095	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000096	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000097	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000099	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000100	00	780821CC05002B5C2B.M0PRO.C02	.00	6.05	192.52	213.17
000101	00	780821CC05002B5C2B.M0PRO.INS	.00	29844.62	29737.48	29762.23
000102	00	780821CC05002B5C2B.M0PRO.SOL	.00	152.63	175.01	140.88
000103	00	780821CC05002B5C1B.M1PRO.C02	5460.56	888.68	815.71	5384.20
000104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000105	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000106	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000108	00	780821CC05002B5C2B.M1PRO.SOL	6292.94	3244.97	7255.54	10415.44
000109	00	780821CC05002B5C1B.M2PRO.C02	40125.31	3297.02	31460.50	34904.19
000110	00	780821CC05002B5C1B.M2PRO.INS	6692.48	23606.80	10374.38	8379.54
000111	00	780821CC05002B5C1B.M2PRO.SOL	5048.74	4804.56	5325.48	5758.82
000112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000115	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000116	00	780821CC05002B5C1B.M3PRO.INS	11382.48	15625.06	4099.17	2022.23
000117	00	780821CC05002B5C1B.M3PRO.SOL	4000.43	2735.36	2341.88	1445.14
000118	00	780821CC05002B5C2B.M3PRO.C02	57289.29	21934.94	20012.68	50866.69
000119	00	780821CC05002B5C2B.M3PRO.INS	2316.36	16618.17	12851.91	1694.08
000120	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000121	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000122	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
000123	00	780822CC05002B5C1B.M0PRO.SOL	.00	1186.57	705.93	1120.19
000124	00	780822CC05002B5C2B.M0PRO.C02	.00	5766.15	6652.91	4724.96
000125	00	780822CC05002B5C2B.M0PRO.INS	.00	25135.91	22651.44	25711.77
000126	00	780822CC05002B5C2B.M0PRO.SOL	.00	2243.11	4324.50	2140.52
000127	00	780822CC05002B5C1B.M1PRO.C02	27099.15	9275.23	20920.10	24602.06
000128	00	780822CC05002B5C1B.M1PRO.INS	14907.29	24334.61	17665.71	11172.99
000129	00	780822CC05002B5C1B.M1PRO.SOL	2779.01	1449.38	7815.24	7604.26
000130	00	780822CC05002B5C2B.M1PRO.C02	11418.46	4668.73	11731.58	15065.39
000131	00	780822CC05002B5C2B.M1PRO.INS	17237.36	25587.40	15902.28	18184.25
000132	00	780822CC05002B5C2B.M1PRO.SOL	7572.43	2290.40	8317.13	6967.84
000133	00	780822CC05002B5C1B.M2PRO.C02	43395.93	10848.03	45021.14	38046.88
000134	00	780822CC05002B5C1B.M2PRO.INS	4528.07	23434.32	6262.28	8119.30
000135	00	780822CC05002B5C1B.M2PRO.SOL	5746.51	1634.76	5233.57	4586.66
000136	00	780822CC05002B5C2B.M2PRO.C02	29923.14	7383.90	32000.30	31317.41
000137	00	780822CC05002B5C2B.M2PRO.INS	8038.29	26023.97	11000.67	7776.50
000138	00	780822CC05002B5C2B.M2PRO.SOL	8360.28	2200.47	8000.67	7845.22
000139	00	780822CC05002B5C1B.M3PRO.C02	2974.32	10900.97	1000.67	2289.55
000140	00	780822CC05002B5C1B.M3PRO.INS	27003.04	24096.17	16051.16	12346.58
000141	00	780822CC05002B5C1B.M3PRO.SOL	1917.73	904.68	5530.74	9660.91
000142	00	780822CC05002B5C2B.M3PRO.C02	35500.83	6758.21	18534.37	16511.37
000143	00	780822CC05002B5C2B.M3PRO.INS	11610.86	24216.63	12510.67	11678.44
000144	00	780822CC05002B5C2B.M3PRO.SOL	2252.40	4711.63	12000.67	10816.39
000145	00	780823CC05002B5C1B.M0PRO.C02	.00	.00	1000.67	956.91
000146	00	780823CC05002B5C1B.M0PRO.INS	.00	29813.[illegible]	[illegible]	29424.06
000147	00	780823CC05002B5C1B.M0PRO.SOL	.00	152.63	[illegible]	141.44
000148	00	780823CC05002B5C2B.M0PRO.C02	.00	.00	1178.67	335.62
000149	00	780823CC05002B5C2B.M0PRO.INS	.00	29672.16	29111.13	28766.84
000150	00	780823CC05002B5C2B.M0PRO.SOL	.00	327.84	353.11	1080.60
000151	00	780823CC05002B5C1B.M1PRO.C02	778.11	661.81	1756.03	4775.03

000152	00	780823CC0500235C15.M1PRO.INS	19583.23	28860.14	20975.63	22234.00
000153	00	780823CC0500235C1P.M1PRO.SOL	10063.08	884.49	8225.77	5777.35
000154	00	780823CC0500235C2B.M1PRO.CO2	4544.73	626.32	1510.56	1011.29
000155	00	780823CC0500235C2A.M1PRO.INS	18420.28	28509.97	20944.59	20986.34
000156	00	780823CC0500235C21.M1PRO.SOL	9015.94	1125.24	8328.80	8553.98
000157	00	780823CC0500235C2C.M2PRO.CO2	31758.13	99.46	8672.92	5640.96
000158	00	780823CC0500235C16.M2PRO.INS	13071.99	29311.31	24744.20	20192.21
000159	00	780823CC0500235C1A.M2PRO.SOL	2512.30	643.78	1513.56	1243.71
000160	00	780823CC0500235C23.M2PRO.CO2	30205.93	144.54	23915.07	3279.88
000161	00	780823CC0500235C25.M2PRO.INS	13289.28	29114.14	15209.19	22521.34
000162	00	780823CC0500235C23.M2PRO.SOL	2980.75	820.16	3920.32	5987.80
000163	00	780823CC0500235C15.M3PRO.CO2	56802.86	23044.40	18474.19	41509.31
000164	00	780823CC0500235C1B.M3PRO.INS	9473.02	19135.80	16150.65	8221.89
000165	00	780823CC0500235C1C.M3PRO.SOL	1997.59	1341.29	5490.18	2001.15
000166	00	780823CC0500235C28.M3PRO.CO2	46366.35	6515.38	37742.97	42691.76
000167	00	780823CC0500235C29.M3PRO.INS	5642.44	25279.76	9934.03	7064.45
000168	00	780823CC0500235C29.M3PRO.SOL	3264.68	1613.25	2910.08	3514.75
000169	00	780824CC0500235C16.M0PRO.CO2	.00	10765.92	7019.18	4769.44
000170	00	780824CC0500235C16.M0PRO.INS	.00	21268.92	24755.20	23085.57
000171	00	780824CC0500235C1B.M0PRO.SOL	.00	3837.48	2858.26	4746.50
000172	00	780824CC0500235C2B.M0PRO.CO2	.00	4049.24	6578.08	5296.21
000173	00	780824CC0500235C2C.M0PRO.INS	.00	23273.27	23312.92	26290.41
000174	00	780824CC0500235C24.M0PRO.SOL	.00	4886.17	3738.86	1302.23
000175	00	780824CC0500235C18.M1PRO.CO2	9120.29	5682.80	6936.31	6617.62
000176	00	780824CC0500235C1B.M1PRO.INS	14277.39	25725.37	12878.38	15300.70
000177	00	780824CC0500235C1C.M1PRO.SOL	11577.03	1600.63	12655.12	11736.65
000178	00	780824CC0500235C2B.M1PRO.CO2	4877.25	4115.92	8694.11	12112.63
000179	00	780824CC0500235C2B.M1PRO.INS	15863.07	27962.71	17705.21	16887.40
000180	00	780824CC0500235C2C.M1PRO.SOL	11920.00	1066.42	10101.11	7646.86
000181	00	780824CC0500235C24.M2PRO.CO2	32427.95	2946.41	23271.77	16315.03
000182	00	780824CC0500235C25.M2PRO.INS	9018.11	27657.87	8678.34	9548.26
000183	00	780824CC0500235C25.M2PRO.SOL	6241.94	1002.86	10743.68	13035.81
000184	00	780824CC0500235C2B.M2PRO.CO2	11698.00	2387.77	21545.38	15759.54
000185	00	780824CC0500235C2C.M2PRO.INS	9602.73	27798.46	8832.05	10209.65
000186	00	780824CC0500235C24.M2PRO.SOL	15079.99	1116.19	11374.59	12626.93
000187	00	780824CC0500235C1B.M3PRO.CO2	11947.56	3427.26	10847.38	13130.91
000188	00	780824CC0500235C1C.M3PRO.INS	7720.09	20789.00	12671.03	14321.57
000189	00	780824CC0500235C1C.M3PRO.SOL	17256.29	7654.15	8039.29	6759.84
000190	00	780824CC0500235C22.M3PRO.CO2	13422.96	2995.94	13349.35	12993.67
000191	00	780824CC0500235C2A.M3PRO.INS	16321.01	26343.97	14226.39	13459.92
000192	00	780824CC0500235C2B.M3PRO.SOL	6214.01	2294.24	9793.72	10679.32

END ELT.

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@HDG,P  ******  SOR  ******

@ELT,L  RFMLBCR2.SOR
ELT007  SL73R1  05/29/79  11 53 41  (0,)
000001   00   780801PC05002B5C1B.M0SOR.INS          .00      1285.32      1039.66      1079.36
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000003   00   780801PC05002B5C1B.M1SOR.INS         2304.54     586.54      3022.10      1311.68
000004   00   780801PC05002B5C1B.M1SOR.SOL         8495.46    10213.46      7777.90      9488.32
000005   00   780801PC05002B5C1B.M2SOR.INS          925.10     1334.45      884.17       1130.43
000006   00   780801PC05002B5C1B.M2SOR.SOL         9874.90     9465.55      9915.83      9669.57
000007   00   780801PC05002B5C2B.M1SOR.INS          708.54     1952.95      1306.07      2103.55
000008   00   780801PC05002B5C2B.M1SOR.SOL        10091.46     8847.05      9493.93      8696.45
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000011   00   780801PC05002B5C2B.M1SOR.INS         1619.42     7847.70      1173.97      3155.83
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000013   00   780801PC05002B5C2B.M2SOR.INS         9259.31     2039.77      1135.07      10668.69
000014   00   780801PC05002B5C2B.M2SOR.SOL         1540.69     8760.23      9664.93      131.31
000015   00   780801PC05002B5C2B.M3SOR.INS         3367.76     1043.27      1195.61      1400.99
000016   00   780801PC05002B5C2B.M3SOR.SOL         7432.24     9756.73      9604.39      9399.01
000017   00   780802PC05002B5C1B.M0SOR.INS          .00       597.17       721.96       426.79
000018   00   780802PC05002B5C1B.M0SOR.SOL          .00      10202.83     10078.04     10373.21
000019   00   780802PC05002B5C1B.M1SOR.INS          453.40     603.67       646.37       749.28
000020   00   780802PC05002B5C1B.M1SOR.SOL        10346.60    10196.33     10153.63     10050.72
000021   00   780802PC05002B5C1B.M2SOR.INS          338.90     594.38       194.25       803.87
000022   00   780802PC05002B5C1B.M2SOR.SOL        10461.10    10205.62     10205.75     9996.13
000023   00   780802PC05002B5C1B.M3SOR.INS          724.53     902.55       676.45       1369.28
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000025   00   780802PC05002B5C2B.M0SOR.INS          .00       8963.36      478.12       6542.46
000026   00   780802PC05002B5C2B.M0SOR.SOL          .00       2136.64     10321.88     5557.54
000027   00   780802PC05002B5C2B.M1SOR.INS         5972.66     1290.00      835.86       732.93
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000030   00   780802PC05002B5C2B.M2SOR.SOL        10258.17     10151.13     9986.46      10068.08
000031   00   780802PC05002B5C2B.M3SOR.INS          919.94     2466.57      1769.23      810.54
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000034   00   780803PC05002B5C1B.M0SOR.SOL          .00      10172.48     10351.48     9836.70
000035   00   780803PC05002B5C1B.M1SOR.INS          428.10     366.64       1270.10      1022.82
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000041   00   780803PC05002B5C2B.M0SOR.INS          .00       2818.51      1691.85      7648.89
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000044   00   780803PC05002B5C2B.M1SOR.SOL          206.89     10454.45     7628.93      1147.14
000045   00   780803PC05002B5C2B.M2SOR.INS         1704.03     2631.62      10651.32     10680.55
000046   00   780803PC05002B5C2B.M2SOR.SOL         9095.97     8168.38      1148.68      119.45
000047   00   780803PC05002B5C2B.M3SOR.INS         4222.03     839.16       1800.16      885.97
000048   00   780803PC05002B5C2B.M3SOR.SOL         6577.97     9860.84      8199.84      10114.03
000049   00   780804PC05002B5C1B.M0SOR.INS          .00       1481.03      1154.71      1284.14
000050   00   780804PC05002B5C1B.M0SOR.SOL          .00       8047.97      8845.29      8715.86
000051   00   780804PC05002B5C1B.M1SOR.INS         1466.98     1889.81      754.85       1605.95
000052   00   780804PC05002B5C1B.M1SOR.SOL         9333.02     8910.19      10045.15     9194.05
000053   00   780804PC05002B5C1B.M2SOR.INS         2675.45     2726.05      1565.42      1567.42
000054   00   780804PC05002B5C1B.M2SOR.SOL         8124.55     8073.95      8234.58      8232.58
000055   00   780804PC05002B5C1B.M3SOR.INS          196.66     2261.64      505.47       1506.30
000056   00   780804PC05002B5C1B.M3SOR.SOL        10603.54     8538.36      10294.53     9293.70
000057   00   780804PC05002B5C2B.M0SOR.INS          .00       1481.03      1154.71      1284.14
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000059   00   780804PC05002B5C2B.M1SOR.INS         1692.20     1977.35      5776.07      4795.97
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000061   00   780804PC05002B5C2B.M2SOR.INS         5551.09     2002.12      622.48       2186.00
000062   00   780804PC05002B5C2B.M2SOR.SOL         5248.91     8797.88      10177.52     8612.00
000063   00   780804PC05002B5C2B.M3SOR.INS         1075.83     1953.81      2190.93      1195.44
000064   00   780804PC05002B5C2B.M3SOR.SOL         9724.17     8846.59      8609.07      9644.56
000065   00   780805PC05002B5C1B.M0SOR.INS          .00       1480.84      1955.36      1936.36
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000067   00   780821CC05002B5C1B.M1SOR.INS         5571.46     4294.96      2258.70      9110.28
000068   00   780821CC05002B5C1B.M1SOR.SOL         5228.54     6505.04      8541.30      1689.72
000069   00   780821CC05002B5C1B.M2SOR.INS        10651.66     7657.35      1711.47      1779.62
000070   00   780821CC05002B5C1B.M2SOR.SOL          148.34     3142.65      8288.53      8220.38
000071   00   780821CC05002B5C1B.M3SOR.INS         3321.14     4418.14      3345.66      1076.89
000072   00   780821CC05002B5C1B.M3SOR.SOL         9478.86     6384.81      6654.34      9723.11
000073   00   780821CC05002B5C2B.M0SOR.INS          .00       10495.42     2336.58      3578.54
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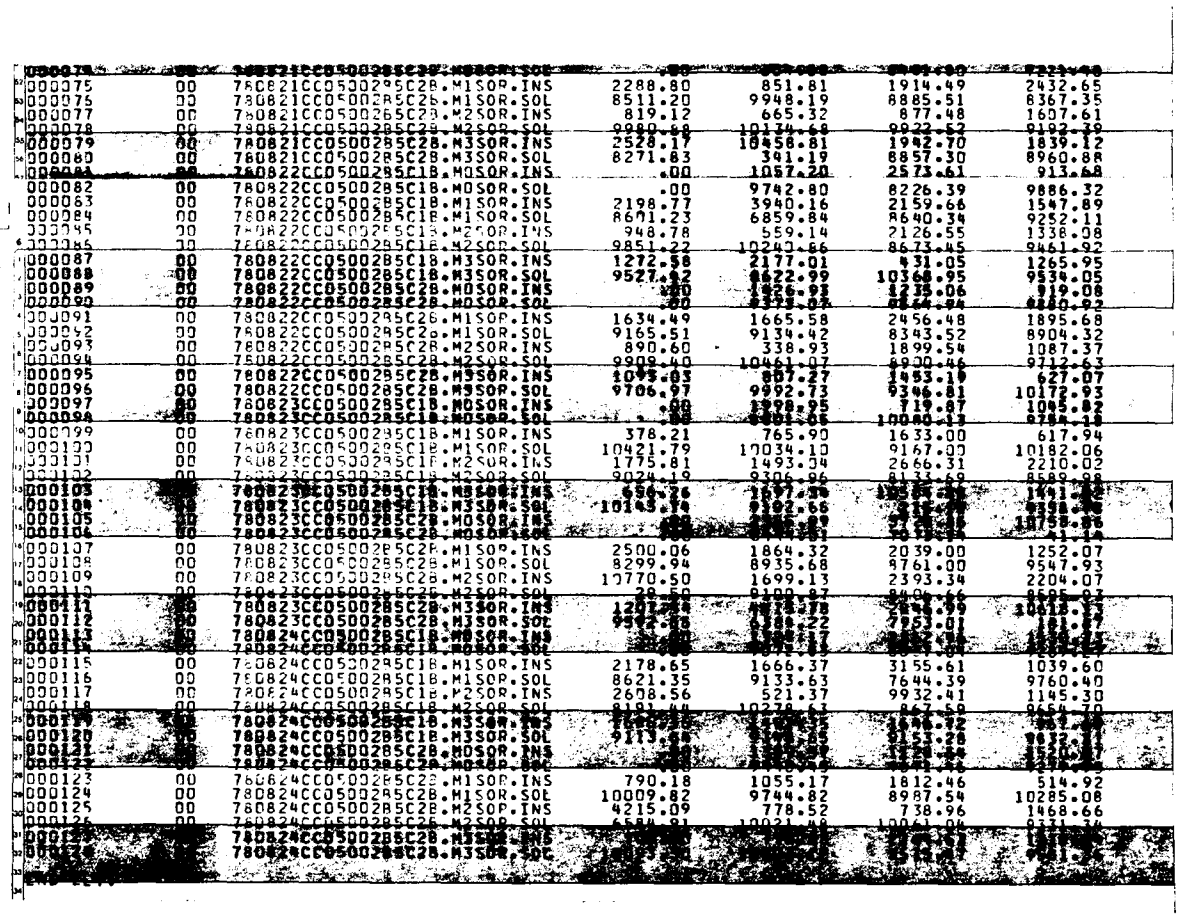

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0000076	00	780821CCC05002B5C2B.M1SOR.SOL	8511.20	9948.19	8885.51	8367.35
0000077	00	780821CCC05002B5C2B.M2SOR.INS	819.12	665.32	877.48	1607.61
0000078	00	780821CCC05002B5C2B.M2SOR.SOL	9980.68	10134.68	9922.52	9192.39
0000079	00	780821CCC05002B5C2B.M3SOR.INS	2528.17	10456.81	1942.70	1839.12
0000080	00	780821CCC05002B5C2B.M3SOR.SOL	8271.83	341.19	8857.30	8960.88
0000081	00	780822CCC05002B5C1B.M0SOR.INS	.00	1057.20	2573.61	913.68
0000082	00	780822CCC05002B5C1B.M0SOR.SOL	.00	9742.80	8226.39	9886.32
0000083	00	780822CCC05002B5C1B.M1SOR.INS	2198.77	3940.16	2159.66	1547.89
0000084	00	780822CCC05002B5C1B.M1SOR.SOL	8671.23	6859.84	8640.34	9252.11
0000085	00	780822CCC05002B5C1B.M2SOR.INS	948.78	559.14	2126.55	1338.08
0000086	00	780822CCC05002B5C1B.M2SOR.SOL	9851.22	10243.86	8673.45	9461.92
0000087	00	780822CCC05002B5C1B.M3SOR.INS	1272.58	2177.01	431.05	1265.95
0000088	00	780822CCC05002B5C1B.M3SOR.SOL	9527.42	8422.99	10368.95	9534.05
0000089	00	780822CCC05002B5C2B.M0SOR.INS	.00	1926.91	1235.06	919.08
0000090	00	780822CCC05002B5C2B.M0SOR.SOL	.00	8373.09	8864.94	9280.92
0000091	00	780822CCC05002B5C2B.M1SOR.INS	1634.49	1665.58	2456.48	1895.68
0000092	00	780822CCC05002B5C2B.M1SOR.SOL	9165.51	9134.42	8343.52	8904.32
0000093	00	780822CCC05002B5C2B.M2SOR.INS	890.60	338.93	1899.54	1087.37
0000094	00	780822CCC05002B5C2B.M2SOR.SOL	9909.40	10461.07	8900.46	9712.63
0000095	00	780822CCC05002B5C2B.M3SOR.INS	1093.03	807.27	1453.10	627.07
0000096	00	780822CCC05002B5C2B.M3SOR.SOL	9706.97	9992.73	9346.81	10172.93
0000097	00	780823CCC05002B5C1B.M0SOR.INS	.00	1998.95	719.87	1095.82
0000098	00	780823CCC05002B5C1B.M0SOR.SOL	.00	8001.05	10040.13	9784.18
0000099	00	780823CCC05002B5C1B.M1SOR.INS	378.21	765.90	1633.00	617.94
0000100	00	780823CCC05002B5C1B.M1SOR.SOL	10421.79	10034.10	9167.00	10182.06
0000101	00	780823CCC05002B5C1B.M2SOR.INS	1775.81	1493.04	2666.31	2210.02
0000102	00	780823CCC05002B5C1B.M2SOR.SOL	9024.19	9306.96	8133.69	8589.98
0000103	00	780823CCC05002B5C1B.M3SOR.INS	650.26	1697.35	1305.85	1441.32
0000104	00	780823CCC05002B5C1B.M3SOR.SOL	10143.74	9102.65	9211.00	9358.36
0000105	00	780823CCC05002B5C2B.M0SOR.INS	.00	1866.89	974.18	10758.85
0000106	00	780823CCC05002B5C2B.M0SOR.SOL	.00	8133.11	10025.82	41.15
0000107	00	780823CCC05002B5C2B.M1SOR.INS	2500.06	1864.32	2039.00	1252.07
0000108	00	780823CCC05002B5C2B.M1SOR.SOL	8299.94	8935.68	9761.00	9547.93
0000109	00	780823CCC05002B5C2B.M2SOR.INS	10770.50	1699.13	2393.34	2204.07
0000110	00	780823CCC05002B5C2B.M2SOR.SOL	28.50	8100.87	8940.66	8695.93
0000111	00	780823CCC05002B5C2B.M3SOR.INS	1201.34	4078.78	5547.89	10018.12
0000112	00	780823CCC05002B5C2B.M3SOR.SOL	9992.66	6188.22	7053.01	181.88
0000113	00	780824CCC05002B5C1B.M0SOR.INS	.00	1997.17	1146.11	1122.17
0000114	00	780824CCC05002B5C1B.M0SOR.SOL	.00	8002.83	9853.89	9877.83
0000115	00	780824CCC05002B5C1B.M1SOR.INS	2178.65	1666.37	3155.61	1039.60
0000116	00	780824CCC05002B5C1B.M1SOR.SOL	8621.35	9133.63	7644.39	9760.40
0000117	00	780824CCC05002B5C1B.M2SOR.INS	2608.56	521.37	9932.41	1145.30
0000118	00	780824CCC05002B5C1B.M2SOR.SOL	8190.44	10278.63	867.59	9654.70
0000119	00	780824CCC05002B5C1B.M3SOR.INS	1109.15	1027.52	1646.12	441.10
0000120	00	780824CCC05002B5C1B.M3SOR.SOL	9113.85	8100.48	9153.28	9032.11
0000121	00	780824CCC05002B5C2B.M0SOR.INS	.00	1997.17	1146.11	1122.17
0000122	00	780824CCC05002B5C2B.M0SOR.SOL	.00	8002.83	9853.89	9877.83
0000123	00	780824CCC05002B5C2B.M1SOR.INS	790.18	1055.17	1812.46	514.92
0000124	00	780824CCC05002B5C2B.M1SOR.SOL	10009.82	9744.82	8987.54	10285.08
0000125	00	780824CCC05002B5C2B.M2SOR.INS	4215.09	778.52	738.96	1468.66
0000126	00	780824CCC05002B5C2B.M2SOR.SOL	6584.91	10021.48	10061.04	8131.34
0000127	00	780824CCC05002B5C2B.M3SOR.INS	1205.51	1000.00	1000.00	1000.00
0000128	00	780824CCC05002B5C2B.M3SOR.SOL	7794.49	8000.00	8000.00	8000.00

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$HDR,0  ******  SOX  ******

@ELT,L RFHB[illegible]RZ.SOX
ELT007 ST=20  05/29/79 12.53.42 (D.)
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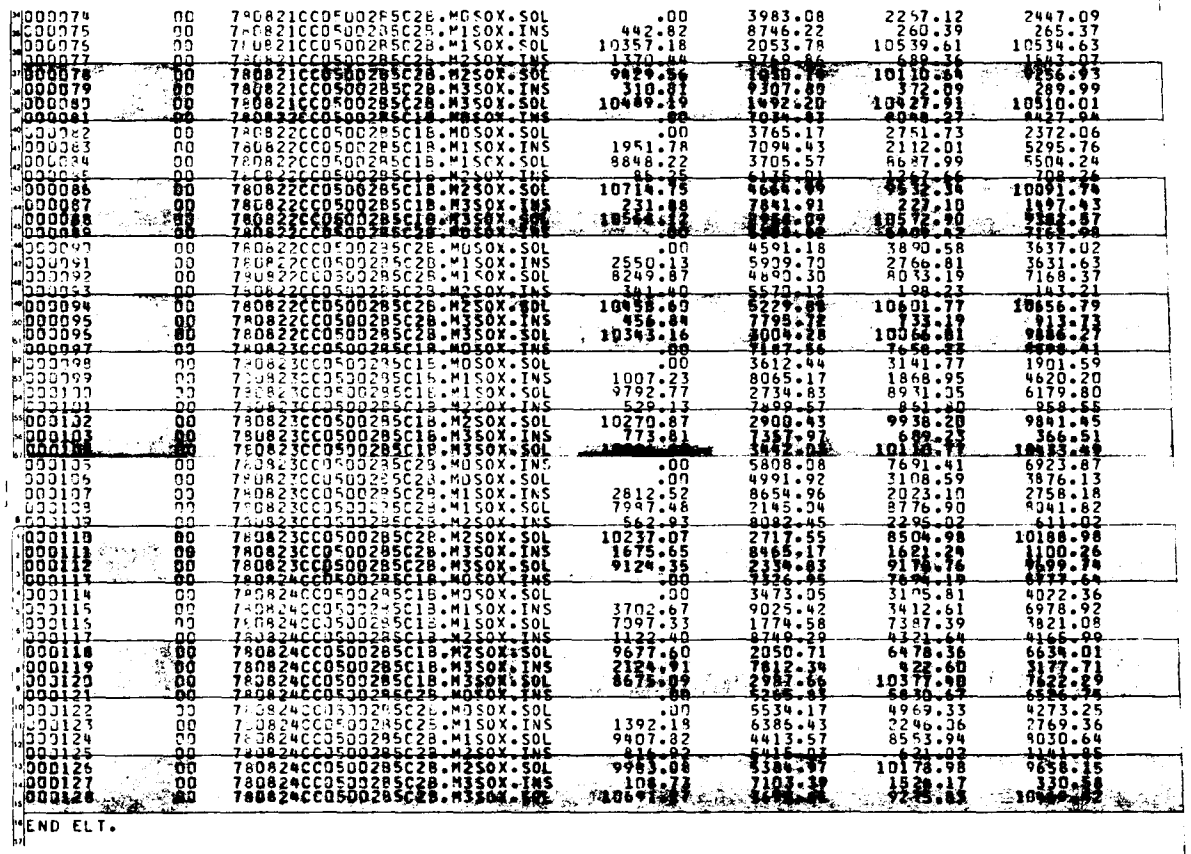
000001	00	780801PC050028[illegible]C1B.M0S0X.INS	.00	7044.98	9266.61	8985.32
000002	00	780801PC05002B5C1B.M0SOX.SOL	.00	2955.10	1531.39	1814.68
000003	00	780801PC05002B5C1B.M1SOX.INS	524.31	9849.23	4766.09	1610.02
000004	00	780801PC05002B5C1B.M1SOX.SOL	10275.69	950.77	6033.91	9189.98
000005	00	780801PC05002B5C1B.M2S0X.INS	265.17	7620.20	724.66	1694.61
000006	00	780801PC05002B5C1B.M2SOX.SOL	10534.83	3279.71	10075.34	9205.39
000007	00	780801PC05002B5C1B.M3SOX.INS	4127.81	7731.46	140.45	119.50
000008	00	780801PC05002B5C1B.M3SOX.SOL	6672.19	3068.54	10659.55	10680.50
000009	00	780801PC05002B5C2B.M0S0X.INS	.00	3083.65	6234.61	5799.73
000010	00	780801PC05002B5C2B.M0SOX.SOL	.00	7716.35	4565.19	5000.27
000011	00	780801PC05002B5C2B.M1SOX.INS	805.61	8285.26	986.03	5241.74
000012	00	780801PC05002B5C2B.M1SOX.SOL	9994.39	2514.74	10413.97	5558.26
000013	00	780801PC05002B5C2B.M2S0X.INS	513.79	6570.72	320.48	693.08
000014	00	780801PC05002B5C2B.M2SOX.SOL	10286.61	4229.28	10479.12	10106.92
000015	00	780801PC05002B5C2B.M3SOX.INS	1307.13	8859.63	2594.28	3883.21
000016	00	780801PC05002B5C2B.M3SOX.SOL	9492.87	1940.37	8205.72	6916.79
000017	00	780802PC05002B5C1B.M0S0X.INS	.00	6283.06	6996.54	7669.93
000018	00	780802PC05002B5C1B.M0SOX.SOL	.00	4596.94	3803.46	3130.07
000019	00	780802PC05002B5C1B.M1SOX.INS	1824.05	7687.38	779.04	267.38
000020	00	780802PC05002B5C1B.M1SOX.SOL	8975.95	3112.62	10020.96	10532.62
000021	00	780802PC05002B5C1B.M2S0X.INS	2123.12	8692.23	948.94	2569.53
000022	00	780802PC05002B5C1B.M2SOX.SOL	8676.88	2107.67	9851.06	7980.47
000023	00	780802PC05002B5C1B.M3SOX.INS	5363.25	3230.39	4971.84	4743.89
000024	00	780802PC05002B5C1B.M3SOX.SOL	5636.75	7569.61	5028.16	4856.11
000025	00	780802PC05002B5C1B.M3SOX.SOL	10800.00	1687.32	9761.23	9813.72
000026	00	780802PC05002B5C2B.M0S0X.INS	.00	9112.68	1038.77	986.28
000027	00	780802PC05002B5C2B.M0SOX.SOL	.00	2063.37	3432.42	4406.00
000028	00	780802PC05002B5C2B.M1SOX.INS	10800.00	8736.63	7367.58	6394.00
000029	00	780802PC05002B5C2B.M1SOX.SOL	9013.27	1978.59	9772.50	9139.23
000030	00	780802PC05002B5C2B.M2S0X.INS	1786.73	8821.41	1027.50	1660.77
000031	00	780802PC05002B5C2B.M2SOX.SOL	3989.11	6550.86	2920.66	952.44
000032	00	780802PC05002B5C2B.M3SOX.SOL	6810.89	6250.54	8579.34	9847.56
000033	00	780803PC05002B5C1B.M0S0X.INS	.00	7397.89	7868.88	8429.26
000034	00	780803PC05002B5C1B.M0SOX.SOL	.00	3402.11	2931.12	4170.74
000035	00	780803PC05002B5C1B.M1SOX.INS	917.57	6681.80	4287.94	1718.33
000036	00	780803PC05002B5C1B.M1SOX.SOL	9882.43	4118.20	6512.06	9081.67
000037	00	780803PC05002B5C1B.M2S0X.INS	3316.25	4588.92	3135.10	376.25
000038	00	780803PC05002B5C1B.M2SOX.SOL	7483.75	6211.08	7464.90	10423.75
000039	00	780803PC05002B5C1B.M3SOX.INS	1907.92	8573.36	1443.39	2550.13
000040	00	780803PC05002B5C1B.M3SOX.SOL	8892.08	2226.69	9356.61	8249.87
000041	00	780803PC05002B5C2B.M0S0X.INS	.00	8886.47	9741.10	8885.59
000042	00	780803PC05002B5C2B.M0SOX.SOL	.00	7211.39	7018.90	4914.41
000043	00	780803PC05002B5C2B.M1SOX.INS	1163.31	4371.48	1379.90	889.40
000044	00	780803PC05002B5C2B.M1SOX.SOL	9636.69	6428.52	9420.10	9910.60
000045	00	780803PC05002B5C2B.M2S0X.INS	804.56	8507.89	2614.13	3463.13
000046	00	780803PC05002B5C2B.M2SOX.SOL	9895.44	2292.81	8185.87	7336.87
000047	00	780803PC05002B5C2B.M3SOX.INS	390.47	6481.06	703.71	1151.37
000048	00	780803PC05002B5C2B.M3SOX.SOL	10409.53	4318.94	10076.29	9648.63
000049	00	780804PC05002B5C1B.M0S0X.INS	.00	8304.00	8755.11	8853.42
000050	00	780804PC05002B5C1B.M0SOX.SOL	.00	2558.52	2430.44	2246.59
000051	00	780804PC05002B5C1B.M1SOX.INS	657.39	7271.00	3259.81	637.29
000052	00	780804PC05002B5C1B.M1SOX.SOL	10142.61	3529.00	7540.19	10162.71
000053	00	780804PC05002B5C1B.M2S0X.INS	697.44	6218.27	566.05	643.91
000054	00	780804PC05002B5C1B.M2SOX.SOL	9902.56	4041.73	10211.95	10156.09
000055	00	780804PC05002B5C1B.M3SOX.INS	190.56	6651.18	1284.11	1051.29
000056	00	780804PC05002B5C1B.M3SOX.SOL	10609.44	4148.82	9715.89	9748.71
000057	00	780804PC05002B5C2B.M0S0X.INS	.00	8146.35	8780.15	8469.87
000058	00	780804PC05002B5C2B.M0SOX.SOL	.00	2957.43	2899.05	3330.31
000059	00	780804PC05002B5C2B.M1SOX.INS	299.95	6802.74	430.57	203.02
000060	00	780804PC05002B5C2B.M1SOX.SOL	10500.05	3997.26	10369.43	10596.98
000061	00	780804PC05002B5C2B.M2S0X.INS	1547.89	8076.25	805.42	1154.46
000062	00	780804PC05002B5C2B.M2SOX.SOL	9252.11	4227.75	9946.58	9715.54
000063	00	780804PC05002B5C2B.M3SOX.INS	592.62	6911.74	1174.74	780.90
000064	00	780804PC05002B5C2B.M3SOX.SOL	10207.38	4118.26	10076.26	10599.10
000065	00	780821CC05002B5C1B.M0S0X.INS	.00	8140.84	8490.84	8132.86
000066	00	780821CC05002B5C1B.M0SOX.SOL	.00	3084.83	4319.49	2267.14
000067	00	780821CC05002B5C1B.M1SOX.INS	334.35	9318.70	1568.17	3468.41
000068	00	780821CC05002B5C1B.M1SOX.SOL	10465.65	1481.30	9231.83	7331.59
000069	00	780821CC05002B5C1B.M2S0X.INS	7162.04	8141.86	3310.20	847.52
000070	00	780821CC05002B5C1B.M2SOX.SOL	3637.96	4318.13	7989.80	7452.48
000071	00	780821CC05002B5C1B.M3SOX.INS	814.10	6911.74	1174.74	780.90
000072	00	780821CC05002B5C1B.M3SOX.SOL	9985.90	4118.26	9715.26	10219.10
000073	00	780821CC05002B5C2B.M0S0X.INS	.00	8140.84	8490.84	8132.86



000074	00	780821CC05002B5C2B.M0S0X.SOL	.00	3983.08	2257.12	2447.09
000075	00	780821CC05002B5C2B.M1S0X.INS	442.82	8746.22	260.39	265.37
000076	00	780821CC05002B5C2B.M1S0X.SOL	10357.18	2053.78	10539.61	10534.63
000077	00	780821CC05002B5C2B.M2S0X.INS	1170.44	9768.86	689.36	1543.07
000078	00	780821CC05002B5C2B.M2S0X.SOL	9829.56	1950.78	10110.64	9256.93
000079	00	780821CC05002B5C2B.M3S0X.INS	310.01	9307.89	372.09	289.99
000080	00	780821CC05002B5C2B.M3S0X.SOL	10489.19	1492.20	10427.91	10510.01
000081	00	780822CC05002B5C1B.M0S0X.INS	.00	7034.83	4048.27	4427.94
000082	00	780822CC05002B5C1B.M0S0X.SOL	.00	3765.17	2751.73	2372.06
000083	00	780822CC05002B5C1B.M1S0X.INS	1951.78	7094.43	2112.01	5295.76
000084	00	780822CC05002B5C1B.M1S0X.SOL	9848.22	3705.57	6687.99	5504.24
000085	00	780822CC05002B5C1B.M2S0X.INS	86.25	6175.01	1267.46	708.26
000086	00	780822CC05002B5C1B.M2S0X.SOL	10714.75	4624.99	9532.54	10091.74
000087	00	780822CC05002B5C1B.M3S0X.INS	231.98	7841.91	227.10	1497.43
000088	00	780822CC05002B5C1B.M3S0X.SOL	10564.42	4258.09	10572.90	9302.57
000089	00	780822CC05002B5C2B.M0S0X.INS	.00	6901.58	4809.42	7165.98
000090	00	780822CC05002B5C2B.M0S0X.SOL	.00	4591.18	3890.58	3637.02
000091	00	780822CC05002B5C2B.M1S0X.INS	2550.13	5909.70	2766.81	3631.63
000092	00	780822CC05002B5C2B.M1S0X.SOL	8249.87	4890.30	8033.19	7168.37
000093	00	780822CC05002B5C2B.M2S0X.INS	341.40	5570.12	198.23	143.21
000094	00	780822CC05002B5C2B.M2S0X.SOL	10458.60	5229.88	10601.77	10656.79
000095	00	780822CC05002B5C2B.M3S0X.INS	456.84	7795.72	733.19	913.73
000096	00	780822CC05002B5C2B.M3S0X.SOL	10343.16	4004.28	10066.81	9886.27
000097	00	780823CC05002B5C1B.M0S0X.INS	.00	7187.56	7658.23	8888.41
000098	00	780823CC05002B5C1B.M0S0X.SOL	.00	3612.44	3141.77	1901.59
000099	00	780823CC05002B5C1B.M1S0X.INS	1007.23	8065.17	1868.95	4620.20
000100	00	780823CC05002B5C1B.M1S0X.SOL	9792.77	2734.83	8931.05	6179.80
000101	00	780823CC05002B5C1B.M2S0X.INS	529.13	7499.67	861.80	959.55
000102	00	780823CC05002B5C1B.M2S0X.SOL	10270.87	2900.43	9938.20	9841.45
000103	00	780823CC05002B5C1B.M3S0X.INS	773.81	7367.97	689.25	366.51
000104	00	780823CC05002B5C1B.M3S0X.SOL	[illegible]	3642.03	10110.77	10833.49
000105	00	780823CC05002B5C2B.M0S0X.INS	.00	5808.08	7691.41	6923.87
000106	00	780823CC05002B5C2B.M0S0X.SOL	.00	4991.92	3108.59	3876.13
000107	00	780823CC05002B5C2B.M1S0X.INS	2812.52	8654.96	2023.10	2758.18
000108	00	780823CC05002B5C2B.M1S0X.SOL	7987.48	2145.04	8776.90	8041.82
000109	00	780823CC05002B5C2B.M2S0X.INS	562.93	8082.45	2295.02	611.02
000110	00	780823CC05002B5C2B.M2S0X.SOL	10237.07	2717.55	8504.98	10188.98
000111	00	780823CC05002B5C2B.M3S0X.INS	1675.65	8465.17	1621.29	1100.26
000112	00	780823CC05002B5C2B.M3S0X.SOL	9124.35	2334.83	9178.76	9699.74
000113	00	780824CC05002B5C1B.M0S0X.INS	.00	5326.85	7694.19	6777.64
000114	00	780824CC05002B5C1B.M0S0X.SOL	.00	3473.05	3105.81	4022.36
000115	00	780824CC05002B5C1B.M1S0X.INS	3702.67	9025.42	3412.61	6978.92
000116	00	780824CC05002B5C1B.M1S0X.SOL	7997.33	1774.58	7387.39	3821.08
000117	00	780824CC05002B5C1B.M2S0X.INS	1122.40	8749.29	4321.64	4165.99
000118	00	780824CC05002B5C1B.M2S0X.SOL	9677.60	2050.71	6478.36	6634.01
000119	00	780824CC05002B5C1B.M3S0X.INS	2124.91	7812.34	922.60	3177.71
000120	00	780824CC05002B5C1B.M3S0X.SOL	8675.09	2987.66	10377.40	7822.29
000121	00	780824CC05002B5C2B.M0S0X.INS	.00	5205.83	5830.67	6585.74
000122	00	780824CC05002B5C2B.M0S0X.SOL	.00	5534.17	4969.33	4273.25
000123	00	780824CC05002B5C2B.M1S0X.INS	1392.18	6386.43	2246.36	2769.36
000124	00	780824CC05002B5C2B.M1S0X.SOL	9407.82	4413.57	8553.94	9030.64
000125	00	780824CC05002B5C2B.M2S0X.INS	614.92	5415.37	621.02	1141.05
000126	00	780824CC05002B5C2B.M2S0X.SOL	9983.08	5384.97	10178.98	9658.15
000127	00	780824CC05002B5C2B.M3S0X.INS	108.72	7103.39	1528.17	330.58
000128	00	780824CC05002B5C2B.M3S0X.SOL	[illegible]	[illegible]	9265.83	[illegible]

END ELT.

MEIOFAUNA TAXONOMY

780501PN2000286 I.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	Gromiidae	10	80	120	44	124	994	1492	547
3450120499	?Lagenammina comprima		11	5			137	62	
3450320401	Ammoscalaria pseudospiralis		11	5			137	62	
3450450103	Textularia earlandi			5				62	
3450540102	Eggerella bradyi				4				50
3453380101	Buliminella elegantissima		23				286		
3453380199	?Buliminella morgani	86	420	291	188	1069	5221	3617	2337
3454220109	Bolivina 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
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	20		50	447	249
47	Nematoda		24	8	24		298	99	298
470304	Axonolaimidae		24		4		298		50
47030404	GPerodontophora	9	24	4	39	112	298	50	485
470401	Linhomoeidra	18	48	8	13	224	597	99	162
47040103	GTerschellingia	175	494	40	160	2175	6140	497	1989
47040301	GSphaerolaimus	45			4	559			50
470404	Monhysteridae				30				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	9		12	9	112		149	112
47051002	GSabatieria	135	289	80	138	1678	3592	994	1715
47051004	Metacomesoma	31	36	16	9	385	447	199	112
47051005	Paracomesoma	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	12			112	149		
47060202	Tricoma	5	12			62	149		
471109	Oxystominidae	5			13	62			162
47110901	GHalalaimus		12	4	9		149	50	112
471114	Oncholaimidae	5				62			
50014102	GAricidea				4				50
5001431701	Paraprionospio pinnata			4				50	
5001500307	Tharyx marioni		4				50		
5001600306	Notomastus latericeus			4	8			50	99
50016702	GAmpharete				4				50
5001670208	Ampharete acutifrons			8				99	
5001670211	Ampharete americana	4				50			
50020302	Diurodrilus			4				50	
55	Bivalvia			4				50	
61190902	*Halectinosoma			4				50	
6119150703	Normanella confluens			4				50	
611928	Diosaccidae			4				50	
6119280799	+Haloschizopera junodi			8	4			99	50
61192809	GStenhelia			4				50	

340501	Gromiidae	2	2	40	24	25	25	497	298
3450250107	Reophax scottii			4	2			50	25
3450320401	Ammoscalaria pseudospiralis	2	2			25	25		
3450450103	Textularia earlandi		6				75		
3453380199	?Bulliminella morgani	37	98	110	371	460	1218	1367	4612
3453420109	Bolivina lowmani	4	2		2	50	25		25
3454250101	Ammonia beccarii	4	18	4	11	50	224	50	137
3454610299	?Nonionella basiloba	44	58	40	60	547	721	497	746
3701	Hydrozoa	2				25			
46010101	Pycnophyes			2				25	
46010102	Trachydemus				4				50
46019999	?Neocentrophyes				2				25
46020101	Echinoderes	2		14	22	25		174	273
47	Nematoda			14	10			174	124
47030404	GParodontophora			8	6			99	75
470401	Linhomoeidra		2	15	22		25	186	273
47040103	Gierschellingia	6	22	87	78	75	273	1081	970
47040301	GSphaerolaimus				3				37
47040402	GMonhystera		6		3		75		37
47040403	GTheristus		4	61	28		50	758	348
47040405	Paramonhystera			53	36			659	447
47040501	Siphonolaimus			4				50	
47050201	Microlaimus			4				50	
47050305	Eubostrichus			4	17			50	211
470505	Ceramonematidae				3				37
47051001	GDorylaimopsis		10	4	11		124	50	137
47051002	GSabatieria		16	84	83		199	1044	1032
47051003	Cervonema			4				50	
47051004	Metacomesoma			27	31			336	385
47051005	Paracomesoma	2		8		25		99	
470511	Chromadoridae		2	23	3		25	286	37
470512	Cyatholaimidae		2	68	42		25	845	522
470513	Choniolaimidae		4	11	3		50	137	37
47060201	Desmoscolex			8				99	
471109	Oxystominidae				3				37
47110901	GHalalaimus	2		8	3	25		99	37
471114	Uncholaimidae			11	8			137	99
5001670211	Amphorete americana				4				50
55	Bivalvia				2				25
6117	Copepoda			18	10			224	124
61190902	*Halectinosoma				2				25
6119150703	Normanella confluens			10	8			124	99
6119270401	Enhydrosoma longifurcatum			4	2			50	25
611928	Dionaccidae				6				75
6119280799	+Haloschizopera lynodi		2	12	12		25	149	149
6119281001	Typhlamphiascus lamellifer			2	2			25	25

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Code	Organism name	A	B	C	D	A/a	B/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	164	1467	4960	3791	2039
3453420109	Bolivina lowmani	8	12	30	2	99	149	373	25
3453420199	*Bolivina simplex				2				25
3454250101	Ammonia beccarii	2	8	8		25	99	99	
3454520101	GVirgulinella		4				50		
3454520299	?Fursenkoina complanata		16	80			199	994	
3454610299	?Nonionella basiloba	367	932	791	178	4562	11585	9832	2213
3901	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	2			50	25
47030404	GParodontophora			4	4			50	50
470305	Leptolaimidae		8				99		
47030501	GLeptolaimus		4				50		
470401	Linhomoeidra	6	32	32	6	75	398	398	75
47040103	GTerschellingia	60	124	44	42	746	1541	547	522
47040301	GSphaerolaimus	2		4		25		50	
47040402	GMonhystera	2	12		8	25	149		99
47040403	Gtheristus	10	48	64	32	124	597	796	398
47040405	Paramonhystera	2		12	6	25		149	75
47040501	Siphonolaimus		4				50		
47050201	Microlaimus	2	8		4	25	99		50
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	Metacomesoma	4	8	12	12	50	99	149	149
47051005	Paracomesoma	12	8	12	8	149	99	149	99
47051006	Laimella		4	8	8		50	99	99
470511	Chromadorigae			4	4			50	50
470512	Cyatholaimidae	4	28	24	4	50	348	298	50
470513	Choniolaimidae	2	4			25	50		
47060201	Desmoscolex		4	16	4		50	199	50
47110901	GHalalaimus		12	4			149	50	
5001220201	Sigambra tentaculata		4				50		
5001520103	Cossura delta		4	12			50	149	
5001600306	Notomastus latericeus		4				50		
5001670211	Ampharete americana	4		4		50		50	
55	Bivalvia		4				50		
6119090Z	*Halectinosoma	2				25			
611928	Diosaccidae			8				99	
6119280799	+Haloschizopera junodi			8				99	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
348501	Gromiidae	88	172	120	96	1094	2138	1492	1193
3450120499	?Lagenammina comprima			9	8			112	99
3450250107	Reophax scottii	4	20	4	16	50	249	50	199
3450320401	Ammoscalaria pseudospiralis	9	12		4	112	149		50
3450450103	Textularia earlandi		12				149		
3450540102	Eggerella bradyi	4	6			50	75		
345201	Miliolacea				4				50
3453380101	Buliminella elegantissima			9	4			112	50
3453380199	?Buliminella morgani	284	354	574	226	3530	4400	7135	2809
3453420109	Bolivina 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	GVirgulinella		6				75		
34545202	GFursenkoina		10		4		124		50
3454520203	Fursenkoina pontoni	4	6	9		50	75	112	
3454520299	?Fursenkoina complanata	27	35	9		336	435	112	
3454610299	?Nonionella basiloba	950	1676	2685	468	11809	20833	33375	5817
3540020199	?Tintinnopsis subacuta			4				50	
4601	Homalorhagida		4				50		
46010101	Pycnophyes			4				50	
46010102	Trachydemus			4				50	
46020101	Echinoderes	28	4	28	12	348	50	348	149
47	Nematoda	28	16	20		348	199	249	
47030201	Campylaimus		7				87		
470304	Axonolaimidae			5				62	
47030404	GPerodontophora	19	41	26	25	236	510	323	311
470401	Linhomoeidae	33	34	31	51	410	423	385	634
47040103	GTerschellingia	176	273	114	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	Ceramonematidae	5	7			62	87		
47051001	GDorylaimopsis				6				75
47051002	GSabatieria	114	55	145	202	1417	684	1802	2511
47051004	Metacomesoma	29	41	41	38	360	510	510	472
47051005	Paracomesoma		14	5			174	62	
47051006	Laimella		20	5			249	62	
470511	Chromadoridae	10		5		124		62	
470512	Cyatholaimidae	43	75	26	63	534	932	323	783
470513	Choniolaimidae		7	5	13		87	62	162
47060201	Desmoscolex	10	27	41	19	124	336	510	236
471109	Oxystominidae	10				124			
47110901	GHalalaimus	5		10	6	62		124	75
471114	Oncholaimidae		7				87		
5001	Polychaeta		4				50		
51	Gastropoda		4				50		
6119150703	Normanella confluens	4	8	4	8	50	99	50	99
6119180199	+Nitocra reducta			4				50	
6119270401	Enhydrosoma longifurcatum			4	16			50	199
611928	Digsaccidae	4				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	Bolivina lowmani	7	27		29	87	336		360
3453540302	Epistominella vitrea		42	6			522	75	
3454250101	Ammonia beccarii	7	30	4	20	87	373	50	249
3454300109	Elphidium gunteri		9				112		
34545201	GVirgulinella				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	?Prorodon marinus	4				50			
43	Rhynchocoela			4				50	
46	Kinorhyncha			2				25	
46010102	Trachydemus		4				50		
46020101	Echinoderes		8		4		99		50
47	Nematoda	16	8		4	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	199	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	Eupostrichus	12	16	2	8	149	199	25	99
470505	Ceramonematidae		4				50		
47051001	GDorylaimopsis	8	8	8	8	99	99	99	99
47051002	GSabatieria	100	80	8	135	1243	994	99	1678
47051004	Metacomesoma	16	4	2	30	199	50	25	373
47051005	Paracomesoma	28	8	2	30	348	99	25	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	Desmoscolex	8	8		15	99	99		186
471109	Oxystominidae	4			15	50			186
47110901	GHalalaimus	4			8	50			99
471114	Oncholaimidae		4	2			50	25	
5001	Polychaeta			2				25	
5001600306	Notomastus latericeus		4				50		
611927	Cletodidae		4				50		
6119280799	+Haloschizopera junodi	4				50			

344501	Gromiidae	10	12	30	8	124	149	373	99
3450250107	Reophax scottii		2				25		
3450320401	Ammoscalaria pseudospiralis	2	6			25	75		
3450450103	Textularia earlandi	2				25			
3450540102	Eggerella bradyi			2				25	
345201	Miliolacea		24	14	8		298	174	99
3452140114	Quinqueloculina vulgaris	10	20	6		124	249	75	
3453380101	Bulliminella elegantissima		10	12	2		124	149	25
3453380199	?Bulliminella morgani	4	4	8		50	50	99	
3453420109	Bolivina lowmani	34	82	178	4	423	1019	2213	50
3453420110	Bolivina striatula	2	4			25	50		
3453460202	Bulimina marginata			4				50	
3453670199	?Cibicides concentricus		20	2			249	25	
3454250101	Ammonia beccarii	36	62	40	8	447	771	497	99
34545202	GFursenkoina		2				25		
3454520299	?Fursenkoina complanata			2				25	
3454610299	?Nonionella basiloba	10	20	20	8	124	249	249	99
35514	Ciliatea holotrichia	2		2		25		25	
353102	Scyphidiidae	4				50			
359899	?Oxytrichidae		2				25		
3701	Hydrozoa	2				25			
370303	Tubulariidae		2				25		
37040105	GClytia		8				99		
370405	Sertulariidae		2				25		
3901	Turbellaria	6	2	2		75	25	25	
43	Rhynchocoela	4	4	4		50	50	50	
46010101	Pycnophyes	2	2			25	25		
46020101	Echinoderes	8	12	14	4	99	149	174	50
47	Nematoda	2	8		16	25	99		199
470304	Axonolaimidae		8				99		
47030404	GParodontophora	16	4	4		199	50	50	
47030501	GLeptolaimus	8		2		99		25	
47030703	GCamacolaimus			2				25	
470401	Linhomoeidae	4		10	8	50		124	99
47040103	GTerschellingia	80	65	26	87	994	808	323	1081
47040301	GSphaerolaimus			2				25	
47040402	GMonhystera			2				25	
47040403	GTheristus	40	61	36	174	497	758	447	2163
47050201	Microlaimus		4		8		50		99
47050305	Eubostrichus				16				199
470510	Comesomatidae	4	8			50	99		
47051001	GDorylaimopsis	8			16	99			199
47051002	GSabatieria	147	175	92	727	1827	2175	1144	9037
47051003	Cervonema		4				50		
47051004	Metacomesoma	56	57	14	150	696	709	174	1864
47051005	Paracomesoma	4			55	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	8	4	6		99	50	75	
47110901	GHalalaimus	4	8			50	99		
47110902	GOxystomina				8				99
471114	Oncholaimidae	44	27	12	47	547	336	149	584
5001220201	Sigambra tentaculata	2	2		16	25	25		199
5001431701	Paraprionospio pinnata	6				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	Bivalvia	12	8	10	16	149	99	124	199
6117	Copepoda	16	2	6	4	199	25	75	50
6119	AHarpacticoida		2		4		25		50
611909	Ectinosomidae	18	2	6		224	25	75	
61190902	*Halectinosoma	10		8	8	124		99	99
61190902	GEctinosoma	8	2		8	99	25		99
6119150199	+Paraleophonte subterranea	2	2			25	25		
611918	Ameiridae	4		4	4	50		50	50
61192704	GEnhydrosoma	18	2			224	25		
6119270406	Enhydrosoma hopkinsi	14	4		4	174	50		50
611928	Diosaccidae	2				25			
6119280799	+Haloschizopera junodi	2				25			
61192809	GStenhelia	6	6	4		75	75	50	
612018	Sebelliphilidae			8				99	
6158	Isopoda	8				99			
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	60	60	92	52	746	746	1144	646
3450320401	Ammoscalaria pseudospiralis	8			25	99			311
3450450103	Textularia earlandi	3				37			
3453380101	Buliminella elegantissima	3		9		37		112	
3453380199	?Buliminella morgani	256	308	209	152	3182	3828	2598	1889
3453420109	Bolivina lowmani	22		30	8	273		373	99
3453460202	Bulimina marginata	3	4			37	50		
3454250101	Ammonia beccarii	14	12		13	174	149		162
34545202	GFursenkoina				4				50
3454610299	?Nonionella basiloba	671	508	465	309	8341	6314	5780	3841
370401	Campanulariidae		4				50		
40	Gnathostomulida	2				25			
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	Linhomoeidra	26	18	20	4	323	224	249	50
47040103	GTerschellingia	94	256	12	128	1168	3182	149	1591
47040301	GSphaerolaimus				8				99
47040402	GMonhystera		18	8	8		224	99	99
47040403	GTheristus	26	73	24	60	323	907	298	746
47040405	Paramonhystera		18	12	12		224	149	149
47040501	Siphonolaimus				4				50
47050201	Microlaimus	2			4	25			50
470503	Desmodoridae				8				99
47050305	Eubostrichus	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	Metacomesoma	4	43	36	40	50	534	447	497
47051005	Paracomesoma	8	6	8	28	99	75	99	348
470511	Chromadoridae	10	12	8		124	149	99	
470512	Cyatholaimidae	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	Tharyx marioni		4				50		
5001520103	Cossura delta	2		4		25		50	
50016702	GAmpharete		4				50		
5001670211	Ampharete americana			8				99	
6119150703	Normanella confluens	2				25			

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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 comprima		2	4			25	50	
3450450103	Textularia earlandi	2	2		2	25	25		25
3450540102	Eggerella bradyi	4				50			
3453380101	Buliminella elegantissima	4		25	2	50		311	25
3453380199	?Buliminella morgani	47	324	261	30	584	4027	3244	373
3453420109	Bolivina lowmani	45	24	37	22	559	298	460	273
3453540302	Epistominella vitrea	8		12		99		149	
3454250101	Ammonia beccarii	2	7	13	4	25	87	162	50
34545201	GVirgulinella			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	Tintinnopsis		2				25		
3701	Hydrozoa			4				50	
37040105	GClytia	2				25			
3901	Turbellaria	2		4		25		50	
43	Rhynchocoela		2				25		
46010101	Pycnophyes		2				25		
46020101	Echinoderes	4	6	8		50	75	99	
47	Nematoda	2	2	4	8	25	25	50	99
470304	Axonolaimidae		2	4	4		25	50	50
47030404	GParodontophora	12	6			149	75		
470305	Leptolaimidae				4				50
470401	Linhomoeidae	32	6	24	4	398	75	298	50
47040103	GTerschellingia	83	31	108	62	1032	385	1342	771
47040301	GSphaerolaimus		2	12	2		25	149	25
47040402	GMonhystera	40			10	497			124
47040403	GTheristus	95	46	44	6	1181	572	547	75
47040404	Amphimonhystera		2				25		
47040405	Paramonhystera	32	10	20	2	398	124	249	25
47040501	Siphonolaimus			4				50	
47050201	Microlaimus		4				50		
470503	Desmodoridae	4				50			
47050305	Eubostrichus	20		20		249		249	
470510	Comesomatidae		4				50		
47051001	GDorylaimopsis	8	33	16	4	99	410	199	50
47051002	GSabatieria	163	98	96	18	2026	1218	1193	224
47051004	Metacomesoma	36	27	44	4	447	336	547	50
47051005	Paracomesoma	4	8		14	50	99		174
47051006	Laimella				8				99
470511	Chromadoridae	12	2	8		149	25	99	
470512	Cyatholaimidae	28	6			348	75		
470513	Choniolaimidae		4	20			50	249	
47060201	Desmoscolex	4	2			50	25		
471109	Oxystominidae	4	2			50	25		
47110901	GHalalaimus	16		16		199		199	
471114	Oncholaimidae	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		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 filosia	2				25			
344501	Gromiidae	36	80	84	124	447	994	1044	1541
3450120498	?Lagenammina difflugiformis		2				25		
3450120499	?Lagenammina comprima		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	1268		2536	2635
3453420109	Bolivina lowmani	60		168	32	746		2088	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	GFursenkoina				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	8	28	88	36	99	348	1094	447
47	Nematoda	2	10	8		25	124	99	
47030404	GParodontophora	17	33	57	20	211	410	709	249
470401	Linhomoeidae	28	7	35	12	348	87	435	149
47040103	GTerschellingia	276	280	120	68	3431	3480	1492	1094
47040301	GSphaerolaimus			7				87	
470404	Monhysteridae	11	7			137	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	GDorylaimopsis	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	Choniolaimidae		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	GHalalaimus	6	26	21		75	323	261	
471114	Oncholaimidae	17	7	7	4	211	87	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	Diurodrilus				4				50
55	Bivalvia				4				50
5922	Acarina		6				75		
6117	Copepoda	2	4			25	50		
6119	AHarpacticoida		4	12			50	149	
61190902	*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	Typhlamphiascus lamellifer		2				25		
6120	ACyclopoida			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Difflugiidae				4				50
344501	Gromiidae	140	132	184	160	1740	1641	2287	1989
3450250107	Reophax scottii	4			8	50			99
3450320401	Ammoscalaria pseudospiralis		4		8		50		99
345201	Miliolacea				16				199
3452140112	Quinqueloculina compta				8				99
3452140114	Quinqueloculina vulgaris	4			4	50			50
3453380101	Buliminella elegantissima	12		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	GFursenkoina			8				99	
3454610299	?Nonionella basiloba	248	40	304	120	3083	497	3779	1492
359999	?Holophryidae				8				99
370401	Campanulariidae				4				50
3901	Turbellaria	4	4		4	50	50		50
43	Rhynchocoela		4	8			50	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	24		224	858	298
47040103	GTerschellingia		171	164	53		2126	2039	659
47040301	GSphaerolaimus			9				112	
470404	Monhysteridae			17				211	
47040402	GMonhystera			17	6			211	75
47040403	GTheristus		144	121	124		1790	1504	1541
47040501	Siphonolaimus		9		6		112		75
470503	Desmodoridae				12				149
47051001	GDorylaimopsis				18				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	Choniolaimidae		27	26	18		336	323	224
47060202	Tricoma		18	35	12		224	435	149
471103	Tronidae		18		12		224		149
47110901	GHalalaimus			9	12			112	149
471114	Oncholaimidae		27	60	47		336	746	584
5001060302	Sthenelais boa			4				50	
50014102	GAricidea				12				149
5001600306	Notomastus latericeus		12		16		149		199
5001670211	Amphārete americana		4				50		
5004	Oligochaeta	4				50			
55	Bivalvia	4			12	50			149
6117	Copepoda		16	12	24		199	149	298
61190902	*Halectinosoma			8				99	
611927	Cletodidae		16	4			199	50	
6119270406	Enhydrosoma hopkinsi			4	8			50	99
611928	Diosaccidae				8				99
6119280799	*Haloschizopera jumodi				4				50
61192809	GStenhelia			8	8			99	99
616202	Idoteidae				8				99

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae			12	6			149	75
3450120499	?Lagenammina comprima				2				25
345v250107	Reophax scottii				2				25
3450450103	Textularia earlandi	2				25			
3450450201	Bigenerina irregularis			2				25	
345201	Miliolacea	2	2			25	25		
3452140114	Quinqueloculina vulgaris			20	12			249	149
3453380101	Buliminella elegantissima			2				25	
3453380199	?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			2	25			
3454610299	?Nonionella basiloba	10	2	12	26	124	25	149	323
3514	Ciliatea holotrichia			2				25	
3529	Ciliatea peritrichia	2				25			
370401	Campanulariidae			2				25	
3901	Turbellaria	4	6	2		50	75	25	
43	Rhynchocoela	2				25			
46010101	Pycnophyes			2				25	
46019999	?Neopentrophyes		2				25		
46020101	Echinoderes	8	6	8	10	99	75	99	124
46029999	?Cateria			4				50	
47	Nematoda	12		10	8	149		124	99
470304	Axonolaimidae		2				25		
47030401	GAxonolaimus			3				37	
47030404	GParodontophora	2		9	14	25		112	174
47030703	GCamacolaimus		2	3			25	37	
470401	Linhomoeidae		6	6	8		75	75	99
47040103	GTerschellingia	32	2	20	28	398	25	249	348
47040301	GSphaerolaimus				6				75
47040402	GMonhystera				3				37
47040403	GTheristus	24	4	64	58	298	50	796	721
47050201	Microlaimus	4	6			50	75		
470503	Desmodoridae	2				25			
47050305	Eubostrichus				3				37
47051001	GDorylaimopsis	8	2		11	99	25		137
47051002	GSabatieria	100	22	75	149	1243	273	932	1852
47051004	Metacomesoma	12	2	29	11	149	25	360	137
47051005	Paracomesoma				8				99
470511	Chromadoridae	18	4	38	11	224	50	472	137
470512	Cyatholaimidae	18	6	15	17	224	75	186	211
470513	Choniolaimidae	4		9	11	50		112	137
47060202	Tricoma	2				25			
471103	Ironidae	5		3	3	55		37	37
47110401	GAnticoma	5				55			
47110901	GHalalaimus	2	2	9		25	25	112	
471114	Oncholaimidae	28	4	29	44	348	50	360	547
471199	?Enchelidiidae	2				25			
5001220201	Sigambra tentaculata	4				50			
5001250115	Nephtys incisa				2				25
5001431701	Paraprionospio pinnata	6		2	4	75		25	50
5001440109	Magelona phyllisae		2				25		
5001600306	Notomastus latericeus	2	2	8	2	25	25	99	25
5001670211	Ampharete americana		6	20	6		75	249	75
5004	Oligochaeta		2				25		
55	Bivalvia	4	4	6		50	50	75	
611313	Cytheruridae	2				25			
6117	Copepoda	2		28		25		348	
6118	ACalanoida			4				50	
6118290104	Acartia tonsa				236				2933
6119	AHarpacticoida			2				25	
611909	Ectinosomidae			4				50	
61190902	*Halectinosoma	2			2	25			25
611918	Ameiridae		2	2			25	25	
611927	Cletodidae	4				50			
61192704	GEnhydrosoma				2				25
6119270402	Enhydrosoma propinquum	2				25			
6119270406	Enhydrosoma hopkinsi		8	8	2		99	99	25
611928	Diosaccidae			2				25	
61192809	GStenhelia	2	2	22	6	25	25	273	75
6120050105	Ergasilus versicolor				4				50
612018	Sabelliphilidae				2				25
8104	Asteroidea	2				25			

344201	Difflugiidae			4				50		
344501	Gromiidae	80	32	116	208	994	398	1442	2585	
3450320401	Ammoscalaria pseudospiralis				21				261	
3450540102	Eggerella bradyi	6		4		75		50		
345201	Miliolacea	28			76	348			945	
3452140112	Quinqueloculina compta	4				50				
3452140114	Quinqueloculina vulgaris	14	42	26	32	174	522	323	398	
3453380101	Buliminella elegantissima	42		26	21	522		323	261	
3453380199	?Buliminella morgani	6	8	4	8	75	99	50	99	
3453420109	Bolivina lowmani	68	10	24	105	845	124	298	1305	
3453420110	Bolivina striatula	74	2	4	17	920	25	50	211	
3453460202	Bulimina marginata		6	2			75	25		
3453540104	Rosalina floridana	2				25				
3453540699	+Discorbis nitida			2	4			25	50	
3455670199	?Cibicides concentricus			16				199		
3454250101	Ammonia beccarii	108	140	28	387	1342	1740	348	4810	
3454300109	Elphidium gunteri		2		13		25		162	
34545202	GFursenkoina	2	2	8		25	25	99		
3454520203	Fursenkoina pontoni	2				25				
3454520299	?Fursenkoina complanata			4				50		
3454570110	Cassidulina crassa	2				25				
3454610299	?Nonionella basiloba	128	46	70	53	1591	572	870	659	
3454650201	Melonis pompiloides	8			2	99			25	
359999	?Holophryidae	8			4	99			50	
3701	Hydrozoa	2				25				
370303	Tubulariidae				4				50	
370306	Corynidae			4				50		
370401	Campanulariidae				4				50	
3901	Turbellaria	2		20	8	25		249	99	
46	Kinorhyncha	4				50				
46010102	Trachydemus		2	4			25	50		
46020101	Echinoderes	48	95	168	128	597	1144	2088	1591	
46029999	?Cateria		5				25			
47	Nematoda	6	10	16	8	75	124	199	99	
470304	Axonolaimidae		15		15		162		186	
47030404	GPeroodontophora	28	34	30	60	348	423	373	746	
470305	Leptolaimidae		20				249			
47030501	GLeptolaimus	19				236				
470310	Tripyloididae		7				87			
470401	Linhomoeidra	19	34		15	236	423		186	
47040103	GTerschellingia	130	20	251	151	1616	249	3120	1877	
47040301	GSphaerolaimus	28				348				
47040403	GTheristus	38	34	296	151	472	423	3679	1877	
47050201	Microlaimus	28				348				
470503	Desmodoridae			15				186		
47050305	Eubostrichus			15				186		
47051001	GDorylaimopsis	46			15	572			186	
47051002	GSabatieria	334	323	635	407	4152	4015	7893	5059	
47051004	Metacomesoma	83		207	60	1032		2573	746	
47051005	Paracomesoma		7	59	15		87	733	186	
47051006	Laimella				15				186	
470511	Chromadoridae	56	195	74	196	696	2824	920	2436	
470512	Cyatholaimidae	65	61	162	196	808	758	2018	2436	
470513	Chromadoridae	86	47	30	45	572	584	373	559	
47060201	Desmoscolex	37				460				
47060202	Tricoma	9	34		45	112	423		559	
471103	Ironidae	19	27		45	236	336		559	
471109	Oxystominidae		14				162			
4711090901	GHalalaimus	9	13	15	30	112	162	186	373	
4711090902	GOxystomina	9				112				
471114	Oncholaimidae	102	87	177	181	1268	1081	2200	2250	
5001	Polychaeta			2				25		
5001060302	Sthenelais boa		2				25			
5001220201	Sigambra tentaculata	2	4			25	50			
5001250115	Nephtys incisa				4				50	
5001451701	Paraprionospio pinnata		2	2			25	25		
5001440109	Magelona phyllisae			2				25		
5001500307	Tharyx marioni		2				25			
5001600306	Notomastus latericeus	8	4	8	24	99	50	99	298	
5001670211	Ampharete americana	24	34	12	24	298	423	149	298	
55	Bivalvia	2		4	20	25		50	249	
6117	Copepoda	32		48	52	398		597	646	
61182901	GAcartia		2				25			
61190902	*Halectinosoma	6				75				
61190902	GEctinosoma		30	16	68		373	199	845	
611918	Ameiridae	6	4	8	4	75	50	99	50	
611927	Cletodidae	6				75				
61192704	GEnhydrosoma		4	20	8		50	249	99	
61192704 06	Enhydrosoma hopkinsi	6	6	40	20	75	75	497	249	
61192807 99	+Haloschizopera junodi	10	2			124	25			
61192809	GStenhelia	18	44	52	28	224	547	646	348	
6120	ACyclopoida			4				50		
612018	Sabelliphilidae				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			99	50		
3450320401	Ammoscalaria pseudospiralis	12			8	149			99
3450540102	Eggerella bradyi				4				50
345201	Miliolacea	28	32		36	348	398		447
3452140114	Quinqueloculina vulgaris	28	20	33	12	348	249	410	149
3453380101	Buliminella elegantissima	52	8	20		646	99	249	
3453380199	?Buliminella morgani	16	20	12	4	199	249	149	50
3453420109	Bolivina lowmani	148	24	94	36	1840	298	1168	447
3453420110	Bolivina striatula	16	8	8	8	199	99	99	99
3453420199	+Bolivina simplex			4				50	
3453540699	+Discorbis nitida		4	4			50	50	
3454250101	Ammonia beccarii	132	48	61	20	1641	597	758	249
3454300109	Elphidium gunteri	4	8			50	99		
34545202	GFursenkoina	20		8		249		99	
3454520299	?Fursenkoina complanata		4				50		
3454610299	?Nonionella basiloba	176	100	106	136	2188	1243	1318	1690
3529	Ciliatea peritrichia				4				50
3701	Hydrozoa	4				50			
370306	Corynidae			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		28	8	249		348	99
460299	?Semnoderidae		4				50		
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	GIerschellingia	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	Microlaimus	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	Chromadoridae	33	15	51	12	410	186	634	149
47060201	Desmoscolex			9				112	
47060202	Tricoma		10	26			124	323	
47110401	GAnticoma				12				149
47110901	GHalalaimus	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		
5001600306	Notomastus latericeus	24		4	8	298		50	99
5001670211	Ampharete americana		8	20			99	249	
55	Bivalvia	36	4	28	28	447	50	348	348
5922	Acarina				4				50
6117	Copepoda	144	20	32	12	1790	249	398	149
61190902	*Halectinosoma				8				99
61190902	GEctinosoma			24				298	
611918	Ameiridae			4				50	
611927	Cletodidae			8				99	
61192704	GEnhydrosoma				4				50
6119270406	Enhydrosoma hopkinsi				4				50
611928	Diosaccidae			4				50	
6119280799	+Haloschizopera junodi			12	4			149	50
61192809	GStenhelia		36	20	12		447	249	149
612018	Sabelliphilidae			4	4			50	50

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
		8				99			
3443	Rhizopodea filosia	424	164	348	416	5270	2039	4326	5171
344501	Gromiidae	18	20	16	8	224	249	199	99
3450250107	Reophax scottii			4	42			50	522
3450320401	Ammoscalaria pseudospiralis			4				50	
3450450201	Bigenerina irregularis	2	8	4		25	99	50	
3450540102	Eggerella bradyi	2	4	4		25	50	50	
345201	Miliolacea				2				25
3452140112	Quinqueloculina compta	2		4	4	25		50	50
3452140114	Quinqueloculina vulgaris	2				25			
3452140116	Quinqueloculina sabulosa	22			4	273			50
3453380101	Bulimineila elegantissima	18	20	4	34	224	249	50	423
3453380199	?Bulimineila morgani	56	64		42	696	796		522
3453420109	Bolivina lowmani				8				99
3453420110	Bolivina striatula		4	8	4		50	99	50
3453460202	Bulimina marginata	6		4		75		50	
3453670199	?Cibicides concentricus	36	92	24	76	447	1144	298	945
3454250101	Ammonia beccarii	4	4		21	50	50		261
3454300109	Elphidium gunteri		8				99		
34545201	GVirgulinella	12	4			149	50		
34545202	GFursenkoina		12				149		
3454520299	?Fursenkoina complanata	478	460	136	270	5942	5718	1690	3356
3454610299	?Nonionella basiloba		4		4		50		50
370401	Campanulariidae			4	4			50	50
3901	Turbellaria			4	4			50	50
43	Rhynchocoela			4				50	
46	Kinorhyncha			4	4			50	50
46010101	Pycnophyes				4				50
46010102	Trachydemus	32		24	28	398		298	348
46020101	Echinoderes				8				99
47	Nematode	39	37	4	24	485	460	50	298
47030404	GPerodontophora	10	22			124	273		
470401	Linhomoeidae	10			8	124			99
47040101	GEleutherolaimus	118	256	60	106	1467	3182	746	1318
47040103	GTerschellingia	10	7		8	124	87		99
47040301	GSphaerolaimus	137	147	106	203	1703	1827	1318	2523
47040403	GTheristus	10				124			
47040405	Paramonhystera				8				99
47050201	Microlaimus	20	22	4	32	249	273	50	398
47051001	GDorylaimopsis	441	300	225	366	5482	3729	2797	4549
47051002	GSabatieria	10				124			
47051003	Cervonema	137	73	89	41	1703	907	1106	510
47051004	Metacomesoma	10			16	124			199
47051005	Paracomesoma	69	37	4	24	858	460	50	298
470511	Chromadoridae	59	37	43	24	733	460	534	298
470512	Cyatholaimidae		22		8		273		99
470513	Choniolaimidae	20	44			249	547		
47060202	Tricoma	10	29		8	124	360		99
471103	Ironidae		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			8				99	
5001431701	Paraprionospio pinnata		16	8	16		199	99	199
5001600306	Notomastus latericeus	4			12	50			149
5001670211	Ampharete americana			4				50	
50017001	GChone	8	12	16	12	99	149	199	149
55	Bivalvia				4				50
6113	APodocopa	24	24	20		298	298	249	
6117	Copepoda	8	8	4	8	99	99	50	99
61190902	*Halectinosoma		4	4			50	50	
611918	Ameiridae	4		8	8	50		99	99
611927	Cletodidae	12	28	4	8	149	348	50	99
6119270406	Enhydrosoma hopkinsi				8				99
611928	Diosaccidae	40	16		8	497	199		99
6119280799	+Haloschizopera junodi	8	8	12	8	99	99	149	99
61192809	GStenhelia				4				50
612018	Sabelliphilidae								

344501	Gromiidae	6	6	10	8	75	75	124	99
3450250107	Reophax scottii			2				25	
3450320401	Ammoscalaria pseudospiralis				2				25
3453380101	Buliminella elegantissima		2				25		
3453380199	?Buliminella morgani		4	2			50	25	
3453420109	Bolivina lowmani			4	2			50	25
3453420110	Bolivina striatula		2				25		
3454250101	Ammonia beccarii	4	4	2		50	50	25	
3454300109	Elphidium gunteri		2				25		
34545202	GFursenkoina		2				25		
3454610299	?Nonionella basiloba	22	28	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	GTerschellingia	20	33	23	30	249	410	286	373
47040403	GTheristus	71	35	23	35	883	435	286	435
47050201	Microlaimus	4			5	50			62
470510	Comesomatidae				5				62
47051001	GDorylaimopsis		10	5			124	62	
47051002	GSabatieria	267	148	176	136	3319	1840	2188	1690
47051003	Cervonema		5				62		
47051004	Metacomesoma	55	68	3	5	684	845	37	62
47051005	Paracomesoma	39		3		485		37	
470511	Chromadoridae	16	18	31	32	199	224	385	398
470512	Cyatholaimidae	55	45	33	7	684	559	410	87
470513	Choniolaimidae	8		5	7	99		62	87
47060202	Tricoma			5				62	
471103	Tronidae				2				25
471114	Oncholaimidae	43	5	18	21	534	62	224	261
5001220201	Sigambra tentaculata			2				25	
5001250115	Nephtys incisa				2				25
5001431701	Paraprionospio pinnata				10				124
5001440109	Magelona phyllisae	2				25			
5001500307	Tharyx marioni		2				25		
5001600306	Notomastus latericeus			2	2			25	25
5001670211	Ampharete americana			2	2			25	25
51	Gastropoda			4	2			50	25
55	Bivalvia			2	12			25	149
6113	APodocopa			2				25	
6117	Copepoda	2	2	10	10	25	25	124	124
611909	Ectinosomidae		2		4		25		50
61190902	*Halectinosoma				2				25
611910401	Zausodes arenicolus				2				25
611918	Ameiridae	2	4			25	50		
611927	Cletodidae				2				25
61192704	GEnhydrosoma	2				25			
6119270406	Enhydrosoma hopkinsi	2		4		25		50	
611928	Diosaccidae			2				25	
61192809	GStenhelia	6	6	2	8	75	75	25	99
612010	Sabellidae	2		2		25		25	
616202	Idoteidae		2				25		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	24	2		50	298	25	
345201	Miliolacea	4			4	50			50
3453420110	Bolivina striatula		4				50		
3454250101	Ammonia beccarii	2	8			25	99		
3454610299	?Nonionella basiloba	24	16		32	298	199		398
3514	Ciliatea holotrichia		8				99		
3701	Hydrozoa		4				50		
3901	Turbellaria		8				99		
46	Kinorhyncha		12				149		
46010102	Trachydemus	2	4	2		25	50	25	
46020101	Echinoderes	36	36	12		447	447	149	
460299	?Semnoderidae		4				50		
47	Nematoda			2	12			25	149
470304	Axonolaimidae	8		2	4	99		25	50
47030404	GParodontophora	8	32	18		99	398	224	
47030501	GLeptolaimus	6	8			75	99		
470401	Linhomoeidae	2	8	6	4	25	99	75	50
47040101	GEleutherolaimus	2				25			
47040103	Glerschellingia	24	48	4	112	298	597	50	1392
47040301	GSphaerolaimus			2	8			25	99
47040403	GTheristus	40	52	12	60	497	646	149	746
47050201	Microlaimus	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	Metacomesoma	24	92		52	298	1144		646
47051005	Paracomesoma				4				50
470511	Chromadoridae	18	36	14	8	224	447	174	50
470512	Cyatholaimidae	10	8	4	24	124	99	50	298
470513	Choniolaimidae	6	16		12	75	199		149
47060201	Desmoscolex	12				149			
47060202	Tricoma	8				99			
471103	Tironidae	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			
5001250115	Nephtys incisa				8				99
5001430502	Prionospio cirrifera			2				25	
5001431701	Paraprionospio pinnata	4			4	50			50
5001600306	Notomastus latericeus	4	8	8		50	99	99	
5001670211	Ampharete americana	12		4		149		50	
50017001	GChone	2				25			
55	Bivalvia	4	4			50	50		
6117	Copepoda	4		2	4	50		25	50
6118	ACalanoida		4				50		
6118040102	Paracalanus crassirostris			2				25	
61190902	*Halectinosoma	12	12	4		149	149	50	
61190902	Gtectinosoma		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 hopkinsi	6	4	2	4	75	50	25	50
611928	Diosaccidae		8		4		99		50
6119280799	+Haloschizopera junodi	2	4	6		25	50	75	
61192809	GStenhelia	2	12	8		25	149	99	
612018	Sabelliphilidae		8				99		
616202	Idoteidae		12				149		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	14	4	24	24	174	50	298	298
344502	Euglyphidae			4				50	
3450120499	?Lagenammina comprima				4				50
3450320401	Ammoscalaria pseudospiralis				12				149
3450450103	Textularia earlandi	2		4		25		50	
3450450105	Textularia conica	2				25			
3450450201	Bigenerina irregularis	12				149			
345201	Miliolacea	10		4		124		50	
3452140112	Quinqueloculina compta		19		4		236		50
3453030999	?Lagena spicata		10				124		
3453380199	?Bulliminella morgani	72	406	255	264	895	5047	3170	3282
3453420109	Bolivina lowmani		19	78	32		236	970	398
3453460202	Bulimina marginata	2		4	4	25		50	50
3453480299	?Trifarina oella	4			4	50			50
3455530101	Cancris sagra		5	4	4		62	50	50
3455560104	Eponides antillarum				4				50
3455670199	?Cibicides concentricus		24	20	64		298	249	796
3454250101	Ammonia beccarii			66	16			820	199
3454300109	Elphidium gunteri	4	10		12	50	124		149
3454520205	Fursenkoina pontoni		5	21	8		62	261	99
3454520299	?Fursenkoina complanata	2	5	8	4	25	62	99	50
3454610199	?Florilus atlanticus		5	4	8		62	50	99
3454610299	?Nonionella basiloba	80	578	412	304	994	7185	5121	3779
3514	Ciliatea holotrichia	2				25			
3534	Ciliatea suctoria suctorida				4				50
3901	Turbellaria	22	8			273	99		
3930	Trematoda			4				50	
4401	Macrodasyoida				4				50
46010102	Trachydemus				4				50
46020101	Echinoderes			4	12			50	149
47	Nematode	6	17		8	75	211		99
470304	Axonolaimidae		4				50		
47030401	GAxonolaimus		4				50		
47030402	GOdontophora	8				99			
47030404	GParodontophora		17	8			211	99	
470305	Leptolaimidae				12				149
470401	Linhomoeidae		4		12		50		149
47040103	GTerschellingia	17	4	8	21	211	50	99	261
47040301	GSphaerolaimus	2			12	25			149
47040402	GMonhystera	4	4			50	50		
47040403	GTheristus	8	25	30	45	99	311	373	559
47050201	Microlaimus				21				261
470503	Desmodoridae	17	33		8	211	410		99
47050305	Eubostrichus		4				50		
47050701	Richtersia	2	21		4	25	261		50
47051001	GDorylaimopsis	29	38	38	57	360	472	472	709
47051002	GSabatieria	62	121	153	152	771	1504	1902	1889
47051003	Cervonema		13	17	12		162	211	149
47051004	Metacomesoma	4				50			
47051005	Paracomesoma				12				149
470511	Chromadoridae	6	25	17	8	75	311	211	99
47051104	GHypodontolaimus	10	38	38	25	124	472	472	311
470512	Cyatholaimidae	21			78	261			970
470513	Chromadoridae				8				99
47060202	Tricoma		4		4		50		50
471103	Ironidae				16				199
471104	Anticomidae			8				99	
47110401	GAnticoma				8				99
47110901	GHalaleimus	2	4			25	50		
471112	Enoplidae		4	4			50	50	
471114	Uncholaimidae		4				50		
50	Annelida		4				50		
5001220201	Sigambra tentaculata				8				99
5001250115	Nephtys incisa		4				50		
50014102	GAricidea	4				50			
5001431701	Paraprionospio pinnata				4				50
5001500307	Theryx marioni	2			4	25			50
5001580204	Armandia maculata				12				149
5001600306	Notomastus latericeus	6	4	4	20	75	50	50	249
5001670211	Amphārete americana	4				50			
51	Gastropoda				4				50
5110130201	Volvulella texasiana				4				50
5502020204	Nucula proxima				4				50
551702	Corbulidae			4				50	
6113	APodocopa			4				50	
6117	Copepoda	4				50			
6119040101	Longipedia helgolandica	4		8	4	50		99	50
6119090?	*Halectinosoma	4		20	20	50		249	249
6119150703	Normanella confluens			4				50	
611918	Ameiridae			4				50	
611927	Cletodidae				4				50
6119270102	Cletodes dissimilis		4		4		50		50
6119270402	Enhydrosoma propinquum	2				25			
611928	Diosaccidae		4	4	8		50	50	99
6119280402	Amphiascus minutus			4				50	
6119280602	Robertgurneya ecaudata	2				25			
6119280799	+Haloschizopera junodi	2				25			
6119280940101	Stenhelia longicaudata var. finmarchica			4				50	
6119280903	Stenhelia mastigocheeta				4				50
61200401	GCorycaeus	2				25			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Difflugiidae	2				25			
3443	Rhizopodea filosia			4				50	
344501	Gromiidae	12	4	68	4	149	50	845	50
3450150498	?Lagenammina difflugiformis			13	2			162	25
3450190499	?Lagenammina comprima	2			6	25			75
3450450201	Bigenerina irregularis				2				25
3450540102	Eggerella bradyi	2		20		25		249	
345201	Miliolacea		2	7	4		25	87	50
3452140112	Quinqueloculina compta			13	4			162	50
3452140399	+Triloculina tricarinata			20				249	
3452140598	?Pyrgo oblonga				4				50
3452140599	+Pyrgo nasuta		4		4		50		50
3453380199	?Bulimella morgani	56	20	308	8	696	249	3828	99
3453420109	Bolivina lowmani	2	2	26		25	25	325	
3453420110	Bolivina striatula			20				249	
3453460202	Bulimina marginata			7				87	
3455670199	?Cibicides concentricus			29	2			360	25
3456250101	Ammonia beccarii	2		13	2	25		162	25
3456300109	Elphidium gunteri			13				162	
3456520203	Fursenkoina pontoni	2	4		4	25	50		50
3456520299	?Fursenkoina complanata	2		20	2	25		249	25
3456610199	?Florilus atlanticus	2	2		2	25	25		25
3456610299	?Nonionella basiloba	230	146	989	28	2859	1815	12293	99
35180101	Coelosomides	2				25			
359999	?Holophryidae			8				99	
3901	Turbellaria	16	6		16	199	75		199
43	Rhynchocoela			4				50	
46020101	Echinoderes	8	2	8	8	50	25	99	99
47	Nematoda	12		24	12	149		298	149
47030202	Tarvaia	4			4	50			
470304	Axonolaimidae			4	6			50	75
47030402	GOdontophora	4	2			50	25		
47030404	GPerodontophora		2	8			25	99	
470305	Leptolaimidae			16				199	
470401	Linhomoeidae	4	2	16	6	50	25	199	75
47040101	GEleutherolaimus	2				25			
47040103	GTerschellingia	2	2	20		25	25	249	
47040301	GSphaerolaimus	4		8	8	50		99	99
470404	Monhysteridae		2				25		
47040402	GMonhystera				4				50
47040403	GTheristus	22	2	24	6	273	25	298	75
47040405	Paramonhystera			4				50	
47050201	Microlaimus	10		36	10	124		447	124
470503	Desmodoridae	6	8	20	6	75	99	249	75
470505	Ceramonematidae	4	2	12	16	50	25	149	199
47050701	Richtersiella			4	6			50	75
4705100l	GDorylaimopsis	6	4	8	16	75	50	99	199
47051002	GSabatieria	100	35	60	58	1243	435	746	721
47051003	Cervonema	12	4	4	8	149	50	50	99
47051004	Metacomesoma	12	4	4	4	149	50	50	50
47051005	Paracomesoma	8		4	2	99		50	25
470511	Chromadoridae	14	8	24	8	174	99	298	99
47051104	GHypodontolaimus	24	4	8	14	50	50	99	174
470512	Cyatholaimidae	20	8	32	4	249	99	398	50
47060201	Desmoscolex		2	4	14		25	50	174
47060202	Tricoma			24	2			298	25
471103	Ironidae	8	2		6	99	25		75
47110801	GAmicrona	10			6	124			75
47110901	GHalalaimus	2		12	4	25		149	50
471112	Enoplidae	4	2	4	12	50	25	50	149
471114	Oncholaimidae	12			24	149			299
5001	Polychaeta			4	2			50	25
5001220201	Sigambra tentaculata			4				50	
5001250115	Nephtys incisa			8				99	
50014102	GAricidea		2	4			25	50	
5001430502	Prionospio cirrifera				4				50
5001431701	Paraprionospio pinnata	2			2	25			25
5001520103	Cossura delta			8	2			99	25
5001600306	Notomastus latericeus	14		4		174		50	
50017001	GLhana				2				25
552070199	?Periploma orbicularis	2				25			
61140101	Cytherella		2				25		
6117	Copepoda			4				50	
6119040101	Longipedia helgolandica	2	10			25	124		
61190902	*Halectinosoma	12	2	4		149	25	50	
611918	Ameiridae		2	4				50	
611927	Cletodidae		2				25		
6119270104	Cletodes tenuipes	2			2	25			25
611928	Diosaccidae		2	12			25	149	
6119280402	Amphiascus minutus		2		2		25		25
6119280799	+Haloschizopera junodi			4				50	
73	Echiura	2				25			

344501	Gromiidae			3	14			37	174
3450540102	Eggerella bradyi	1	11		5	12	137		62
345201	Miliolacea	5	5		8	62	62		99
34552140599	+Pyrgo nasuta				3				37
34553030399	?Marginulina obesa				3				37
3455380101	Bulliminella elegantissima		2				25		
3455380199	?Bulliminella morgani	36	57	381	89	447	709	4736	1106
3455420109	Bolivina lowmani		32	14	10		398	174	124
3455420110	Bolivina striatula			7				87	
3455460202	Bulimina marginata		2	7	3		25	87	37
3455480299	?Trifarina bella		2				25		
3455530101	Cancris sagra	1			5	12			62
3455540302	Epistominella vitrea		32		28		398		348
3455540696	+Discorbis nitida		5				62		
3455670199	?Cibicides concentricus	1	18			12	224		
3454520203	Fursenkoina pontoni	1		27	5	15		336	62
3454520299	?Fursenkoina complanata	1	11			12	137		
3454610199	?Florilus atlanticus		2		5		25		62
3454610299	?Nonionella basiloba	229	429	1553	413	2846	5332	19304	5138
353101	Epistylidae				2				50
3701	Hydrozoa				2				50
3901	Turbellaria	11	2		32	137	25		398
4401	Macrodasyoida				4				50
46	Kinorhyncha			5				62	
46010101	Pycnophyes				2				25
4602	Cyclorhagida			1				12	
46020101	Echinoderes	6		3	4	75		37	50
47	Nematoda	15	4	11	21	186	50	137	261
470304	Axonolaimidae	4	1			50	12		
47030401	GAxonolaimus		3				37		
47030404	GParodontophora				9				112
470305	Leptolaimidae	7		2		87		25	
470401	Linhomoeidae	11			9	137			112
47040103	GTerschellingia		3		6		37		75
47040301	GSphaerolaimus	7		2	4	87		25	50
470404	Monhysteridae	26		14		323		174	
47040403	GTheristus		13		34		162		423
470503	Desmodoridae	13	6	16	11	162	75	199	137
47050305	Eubostrichus				4				50
470505	Ceramonematidae		3		4		37		50
470506	Monoposthiidae	2				25			
47050701	Richtersia		2				25		
470510	Comesomatidae	50		86		621		1069	
47051001	GDorvleimopsis		6		11		75		137
47051002	GSabatieria		19		83		236		1032
47051003	Cervonema		2		2		25		25
47051004	Metacomesoma				4				50
470511	Chromadoridae	59	2	39	15	733	25	485	186
47051104	GHypodontolaimus		4		47		50		584
470512	Cyatholaimidae	22	5	16	4	273	62	199	50
470513	Choniolaimidae	9			2	112			25
470602	Desmoscolecidae				2				25
47060202	Tricoma				2				25
471103	Tronidae	4				50			
471104	Anticomidae	4		2		50		25	
47110401	GAnticoma		2		2		25		25
471109	Oxystominidae	4		7		50		87	
47110901	GHalalaimus				2				25
471112	Enoplidae	2	1	5	4	25	12	62	50
471114	Oncholaimidae	4	2	2	16	50	25	25	199
471198	?Leptosomatidae (nematoda)				2				25
5001	Polychaeta	1	2		4	12	25		50
5001220201	Sigambra tentaculata				2				25
5001431701	Paraprionospio pinnata			3				37	
5001500307	Tharyx marioni			1				12	
5001580204	Armandia maculata			1				12	
5001600306	Notomastus latericeus		1	7	4		12	87	50
50017001	GChone				2				25
500902	Tubificidae	1				12			
5009020701	Limnodriloides medioporus		1				12		
55	Bivalvia			1				12	
61140101	Cytherella				2				25
6119	AHarpacticoida	1	1			12	12		
61190401	Longipedia helgolandica	1		2	4	12		25	50
61190902	*Halectinosoma	7	5	5	14	87	62	62	174
61191003	Tigriopus	1				12			
61191501	Leophonte cornuta				2				25
61191507	*Normanella minuta			4				50	
61192501	Tetragoniceps	1				12			
6119270102	Cletodes dissimilis	1	2	1	4	12	25	12	50
611928	Diosaccidae				6				75
6119280402	Amphiascus minutus				2				25
6119290	Schizopera	1				12			
6119290301	Mesochra lilljeborgi	1				12			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae			12	42			149	522
3450120499	?Legenammina comprima				2				25
345201	Miliolacea	6	10			75	124		
3452140112	Quinqueloculina compta				6				75
34530301	GLenticulina		2				25		
34533801 99	?Bulliminella morgani	2		2	26	25		25	323
34534201 09	Bolivina lowmani		12		10		149		124
34534201 10	Bolivina striatula				2				25
34535301 01	Cancris sagra		2		2		25		25
34535403 02	Epistominella vitrea		3		10		37		124
34536701 99	?Cibicides concentricus		6		2		75		25
34545202 99	?Fursenkoina complanata				6				75
34546102 99	?Nonionella basiloba	30	62	16	160	373	771	199	1989
3901	Turbellaria	12			12	149			149
43	Rhynchocoela	2		2		25		25	
46010101	Pycnophyes	2				25			
46020101	Echinoderes				2				25
47	Nematoda		6		4		75		50
47030202	Larvata	2		2		25		25	
470304	Axonolaimidae		6				75		
47030402	GOdontophora	2			2	25			25
470401	Linhomoeidra		6		9			75	112
47040103	Gerschellingia		4		2		50		25
47040301	GSphaerolaimus				4				50
47040402	GMonhystera		4				50		
47040403	GTheristus	4	16	8	4	50	199	99	50
47040404	Amphimonhystera		2					25	
470503	Desmodoridae	6	14		13	75	174		162
47050305	Eubostrichus				11				137
470570	Comesomatidae	2		2		25		25	
47051001	GDorylaimopsis	2	14	27	7	25	174	336	87
47051002	GSabatieria	12	62	33	33	149	771	410	410
47051003	Cervonema				4				50
47051 1	Chromadoridae	2	6	2	22	25	75	25	273
47051102	GEuchromadora				2				25
47051104	GHypodontolaimus	2		4		25		50	
470512	Cyatholaimidae	2	16	4	11	25	199	50	137
47051204	Metacyatholaimus	2				25			
470513	Choniolaimidae	4	4	6	4	50	50	75	50
47060202	Tricoma	2		2	4	25		25	50
47110401	GAnticoma		4	2			50	25	
471109	Oxystominidae	2				25			
47110901	GHalalaimus	6	6		11	75	75		137
471112	Enoplidae		2		4		25		50
471114	Oncholaimidae		4		9		50		112
471199	?Enchelidiidae			2				25	
50	Annelida				2				25
5001	Polychaeta		2				25		
5001430502	Prionospio cirrifera				2				25
5001600306	Notomastus latericeus	2	26		16	25	323		199
50017001	GChone	2				25			
6111	AMyodocopa				2				25
611107	Philomedidae				2				25
6119	AHarpacticoida	2	2			25	25		
6119040101	Longipedia helgolandica	2			2	25			25
61190902	*Halectinosoma		10	2	8		124	25	99
611918	Ameiridae	2			2	25			25
611927	Cletodidae				4				50
6119280402	Amphiascus minutus	2				25			
6119280903	Stenhelia mastigochaeta		2				25		
6120	ACyclopoida				2				25

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosia	28	8	12	12	298	99	149	149
344501	Gromiidae	52	36	36	52	646	447	447	646
3450120499	?Legenammina comprima			8	8			99	99
3450450103	Textularia earlandi			16				199	
3450540102	Eggerella bradyi		8		4		99		50
345201	Miliolacea		12		8		149		99
3452140112	Quinqueloculina compta			8				99	
3452140598	?Pyrgo oblonga				4				50
3453301	GLenticulina	12	20	587	156	149	249	7296	1939
3453380199	?Bulliminella morgani	4		40	20	50		497	249
3453420109	Bolivina lowmani	4				50			
3453420110	Bolivina striatula			8				99	
3453420199	+Bolivina simplex			24				298	
3453460202	Bulimina marginata			55				684	
3453540302	Epistominella vitrea		8	32	8		99	398	99
3453670199	?Cibicides concentricus	4			4	50			50
3454250101	Ammonia beccarii			8				99	
3454300109	Elphidium gunteri				4				50
3454520203	Fursenkoina pontoni			24	12			298	149
3454520299	?Fursenkoina complanata		4			50			
3454610199	?Florilus atlanticus	122	72	1277	564	1516	895	15873	7011
3454610299	?Nonionella basiloba	4				50			
3516	Ciliatea holotrichia gymnostomatida rhabdophorina		12	4	4		149	50	50
3599999	?Holophryidae			4				50	
3599999999	?Prorodon marinus		8	8	4		99	99	50
3601	Turbellaria		4				50		
46	Kinorhyncha			4				50	
46010102	Trachydemus	4		4	12	50		50	149
46020101	Echinoderes	12	24	8		149	298	99	
47	Nematoda	4			4	50			50
470304	Axonolaimidae	16	8	8		199	99	99	
47030404	GPerodontophora		8				99		
470305	Leptolaimidae	8	8	8	8	99	99	99	99
470401	Linhomoeidae	8	8	28		99	99	348	
47040103	Glerschellinaia	20	16	28	4	249	199	348	50
47040403	GTheristus	12	28	8	8	149	348	99	99
47050201	Microlaimus	12	8	4	16	149	99	50	199
470503	Desmodoridae	20	12	4	20	249	149	50	249
470505	Ceramonematidae		4		32		50		398
47050701	Richtersia	16	64	80	20	199	796	994	249
47051001	GDorylaimopsis	160	232	84	40	1989	2888	1048	497
47051002	GSabatieria	24	12	12		298	149	149	
47051003	Cervonema	4				50			
47051004	Metacomesoma		8	4	8		99	50	99
47051005	Paracomesoma	20	12	12	8	249	149	149	99
470511	Chromadoridae	12	12	12	24	149	149	149	298
47051104	GHypodontolaimus		16	40	8		199	497	99
470512	Cyatholaimidae	4	4	4	16	50	50	50	199
47060201	Desmoscolex	16	16	4	20	199	199	50	249
47060202	Tricoma	16	28	16		199	348	199	
471103	Ironidae		8				99		
47110401	GAnticoma	16	4	4	4	199	50	50	50
47110901	GHaliplaimus			4				50	
471112	Enoplidae	4	16	4		50	199	50	
471114	Oncholaimidae		4				50		
471199	?Enchelidiidae	4				50			
5001	Polychaeta	8			4	99			50
5001220201	Sigambra tentaculata	4	4			50	50		
5001250115	Nephtys incisa		4				50		
50014102	GAricidae	8				99			
5001430502	Prionospio cirrifera		4				50		
5001600306	Notomastus latericeus		4		4		50		50
50017001	GChone				4				50
51	Gastropoda				4				50
551702	Corbulidae				4				50
6108	ACladocera				4				50
61140101	Cytherella			4				50	
6117	Copepoda	4	4	16	4	50	50	199	50
6119040101	Longipedia helgolandica	8	16	12	28	99	199	149	348
6119090Z	*Halectinosoma				4				50
6119150703	Normanella confluens	4				50			
611927	Cletodidae				4				50
6119270104	Cletodes tenuipes			4				50	
6119270198	+Cletodes spinulipes			8				99	
6119270402	Enhydrosoma propinquum					99			
611928	Diosaccidae	8				50			
6119280402	Amphiascus minutus	4	4	8	4	50	50	99	50
6119280799	+Heloschizopera junodi	4	4			50	50		
6119280903	Stenhelia mastigocheata				8				99
78	Ectoprocta	4				50			
7802	Gymnolaemata ctenostomata	4				50			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosia	2	12			25	149		
344501	Gromiidae	36	20	32	28	447	249	398	348
3450120498	?Lagenammina difflugiformis	2				25			
3450120499	?Lagenammina comprima	4	4			50	50		
3450540102	Eggerella bradyi	2				25			
345201	Miliolacea	2				25			
3452140112	Quinqueloculina compta		4				50		
3453380199	?Bulliminella morgani	66	400	200	741	820	4972	2486	9211
3453420109	Bolivina lowmani	4				50			
3453480103	Uvigerina parvula		4				50		
3453530101	Cancris sagra				7				87
3453670199	?Cibicides concentricus		4	4	7		50	50	87
3454250101	Ammonia beccarii	4	8		22	50	99		273
3454520203	Fursenkoina pontoni		4	16	7		50	199	87
3454520299	?Fursenkoina complanata	2		44	130	25		547	1616
3454610199	?Florilus atlanticus				7				87
3454610299	?Nonionella basiloba	158	448	656	2188	1964	5569	8154	27197
3901	Turbellaria		4				50		
46010102	Trachydemus	2			4	25			50
470401	Linhomoeidra	2		4		25		50	
47040103	GTerschellingia		4	4	20		50	50	249
47040301	GSphaerolaimus			4	4			50	50
47040403	GTheristus	4	12	8	8	50	149	99	99
47050201	Microlaimus		4	4	4		50	50	50
470503	Desmodoridae			4				50	
47051001	GDorylaimopsis	8	20	12	52	99	249	149	646
47051002	GSabatieria	4	64	28	76	50	796	348	945
47051005	Paracomesoma			4				50	
470511	Chromadoridae		4				50		
470512	Cyatholaimidae	2	8	12	36	25	99	149	447
470513	Choniolaimidae	4				50			
47060201	Desmoscolex		4		16		50		199
47060202	Tricoma			4	8			50	99
471103	Ironidae			4				50	
47110901	GHalalaimus			8	4			99	50
5001500307	Tharyx marioni		4				50		
5001600306	Notomastus latericeus	2	8	8	4	25	99	99	50
5101230203	Vitrinella helicoidea			4				50	
6118290104	Acartia tonsa	8		12	16	99		149	199
611909	Ectinosomidae		4				50		
6120050105	Ergasilus versicolor	2				25			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3443	Rhizopodea filosia	36	20	8		447	249	99	
344501	Gromiidae	28	32	12	44	348	398	149	547
3450120499	?Lagenammina comprima		5	12	11		62	149	137
3450320401	Ammoscalaria pseudospiralis		5	8	11		62	99	137
3450450201	Higenerina irregularis			4				50	
3450540102	Eggerella bradyi	8	5		5	99	62		62
345201	Miliolacea		16				199		
3452140112	Quinqueloculina compta				21				261
3452140114	Quinqueloculina vulgaris				5				62
3452140199	+Quinqueloculina lamarckina				11				137
3452140399	+Triloculina tricarinata				5				62
3452140598	?Pyrgo obionga		11				137		
3452140599	+Pyrgo nasuta				5				62
34530301	GLenticulina		11		5		137		62
3453380199	?Bulliminella morgani	80	220	88	144	994	2735	1094	1790
3453420109	Bolivina lowmani	4	66	16	21	50	820	199	261
3453420110	Bolivina striatula				5				62
3453460202	Bulimina marginata		11				137		
3453480103	Uvigerina parvula	4	5			50	62		
3453530101	Cancris sagra		5		5		62		62
3453540302	Epistominella vitrea	4	66		11	50	820		137
3453560104	Eponides antillarum		5				62		
3453670199	?Cibicides concentricus		264	8	74		3282	99	920
34545202	GFursenkoina		5				62		
3454520203	Fursenkoina pontoni				5				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
3534	Ciliatea suctoria suctorida		8				99		
3901	Turbellaria	4	16		12	50	199		149
43	Rhynchocoela	4	16	4	4	50	199	50	50
46010101	Pycnophyes	4				50			
46010102	Trochydemus				4				50
46020101	Echinoderes			12	12			149	149
47	Nematoda	16		4	8	199		50	99
47030201	Campylaimus		4				50		
470304	Axonolaimidae	8			4	99			50
47030404	GParodontophora	8				99			
470305	Leptolaimidae		8				99		
470401	Linhomoeidra	4	12	16		50	149	199	
47040103	GTerschellingia	28	8			348	99		
47040301	GSphaerolaimus	8	4		12	99	50		149
470404	Monhysteridae		16	8			199	99	
47040403	GTheristus	28	48	12	20	348	597	149	249
47040405	Paramonhystera	16				199			
47040501	Siphonolaimus			4				50	
47050201	Microlaimus	20	8	20	4	249	99	249	50
470503	Desmodoridae	8		16	8	99		199	99
470505	Ceramonematidae	12	12	16	12	149	149	199	149
47050701	Richtersia		8				99		
47051001	GDorylaimopsis	28	104	20	84	348	1293	249	1044
47051002	GSabatieria	100	104	120	128	1245	1293	1492	1591
47051003	Cervonema	36	8	4	8	447	99	50	99
47051004	Metacomesoma	20			16	249		50	199
47051005	Paracomesoma			8				99	
47051006	Laimella	4				50			
470511	Chromadoridae	16		24	8	199		298	99
47051104	GHypodontolaimus	44	8	24	24	547	50	298	298
470512	Cyatholaimidae	40	16	16	24	497	199	199	598
47051204	Metacytholaimus				20				249
47051 3	Chromadoridae		4		4		50		50
47060201	Desmoscolex	24				298			
47060202	Tricoma	4		12		50		149	
471103	Ironidae	8		12		99		149	
47110901	GHalalaimus	8	4	16	4	99	50	199	50
471112	Enoplidae			4				50	
471114	Oncholaimidae		4		4		50		50
5001	Polychaeta	4				50			
5001250115	Nephtys incise	4			16	50			199
50014102	GAricidae	4				50			
5001431701	Paraprionospio pinnata			4	8			50	99
5001600306	Notomastus latericeus		8		36		99		447
50017001	GChone		4				50		
551702	Corbulidae			4	4			50	50
61130901	Pterygocythereis	4				50			
6113 1901	GLoxoconcha				4				50
6119040101	Longipedia helgolandica		8	8			99	99	
61190902	*Halectinosoma	12	4	4	8	149	50	50	99
6119270104	Lictodes tenuipes	4				50			
61192806	GRobertgurneya			4				50	
6119280799	+Haloschizopera junodi			4				50	
72000201	GGolfingia	8				99			
72000202	Onchnesoma	4				50			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Difflugiidae		4		4		50		50
3443	Rhizopodea filosia	12				149			
344501	Gromiidae	112	96	92	26	1392	1193	1144	323
3450120499	?Lagenammina comprima		16				199		
345201	Miliolacea	8				99			
3453380199	?Buliminella morgani	116	84	309	112	1442	1044	3841	1392
3453420109	Bolivina lowmani			36				447	
3453670199	?Cibicides concentricus		8	6			99	75	
3454250101	Ammonia beccarii	12		6		149		75	
3454300109	Elphidium gunteri			6				75	
3454520203	Fursenkoina pontoni		4				50		
3454520299	?Fursenkoina complanata			19				236	
3454610199	?Florilus atlanticus	4	8		4	50	99		50
3454610299	?Nonionella basiloba	1024	436	2240	504	12728	5419	27843	6265
351801	Coelosomidiidae		4				50		
359999	?Holophryidae	4	8	4		50	99	50	
3901	Turbellaria	20	4	4		249	50	50	
3960	Cestoda		4				50		
43	Rhynchocoela				16				199
46020101	Echinoderes	12	8	20	4	149	99	249	50
47	Nematoda	53	4	52	24	659	50	646	298
47030201	Campylaimus		4	5			50	62	
470304	Axonolaimidae		4	15	4		50	186	50
47030404	GParoncholaimus			20	4			249	50
470305	Leptolaimidae				4				50
470401	Linhomoeidae	27	8	25	4	336	99	311	50
47040103	GTerschellingia	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	Microlaimus	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	Richtersia		4	10	8		50	124	99
47051001	GDorylaimopsis	160	8	45	28	1989	99	559	348
47051002	GSabatieria	224	176	149	120	2784	2188	1852	1492
47051003	Cervonema	21	4		20	261	50		249
47051004	Metacomesoma		16	20	28		199	249	348
47051005	Paracomesoma		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	Metacyatholaimus		4				50		
470513	Choniolaimidae	11		10	8	137		124	99
47060201	Desmoscolex	16	4	15	4	199	50	186	50
47060202	Tricoma	11	4	15	8	137	50	186	99
471103	Tronidae		4		4		50		50
471109	Oxystominidae		4				50		
47110901	GHalalaimus	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				50			
5001600306	Notomastus latericeus	32	4			398	50		
5001670211	Ampharete americana			8				99	
50017001	GChone		4				50		
50020302	Diurodrilus		4				50		
5004	Oligochaeta		4	4			50	50	
551702	Corbulidae				4				50
6119	Anaroacticoida	4				50			
6119040101	Longipedia helgolandica	4	4	4		50	50	50	
61190902	*Halectinosoma	16		4	4	199		50	50
6119150199	+Paralaophonte subterranea		4				50		
611918	Ameiridae	20				249			
611927	Cletodidae		20	4	4		249	50	50
6119280402	Amphiascus minutus		12				149		
6119280601	Robertgurneya rostrata	4				50			
6119280603	Robertgurneya tievecensis		4				50		
6120	ACyclopoida			4				50	

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	Reophax 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	6190	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	?Holophryidae	4		12		50		149	
3901	Turbellaria		16		4		199		50
46010101	Pycnophyes		4	4			50	50	
46010102	Trachydemus		4	4	4		50	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	149	
470401	Linhomoeidra	16	29	37	32	199	360	460	398
47040103	GTerschellingia				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		
470505	Ceramonematidae	16	12	25		199	149	311	
47050701	Richtersia	8	17			99	211		
47051001	GDorylaimopsis	12	17	18	43	149	211	224	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	GAricidea	4	4	4		50	50	50	
5001410301	Paraonis gracilis			4	4			50	50
5001430502	Prionospio cirrifera	4				50			
5001431701	Paraprionospio pinnata	4				50			
5001500307	Tharyx 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	Enhydrosoma sarsi			8				99	
611928	Diosaccidae	4				50			
6119280799	+Haloschizopera junodi			4				50	
611928090101	Stenhelia longicaudata var. finmarchica	4	4			50	50		

344501	Gromiidae	76	60	60	56	945	746	746	696
3450120498	?Lagenammina difflugiformis				4				50
3450120499	?Lagenammina comprima	4		4	13	50		50	162
3450250107	Reophax scottii	32	8	21	31	398	99	261	385
3450540102	Eggerella bradyi			4				50	
345201	Miliolacea				4				50
3452140599	+Pyrgo nasuta		4				50		
3453380199	?Buliminella morgani	376	248	373	748	4674	3083	4636	9298
3453420109	Bolivina lowmani	24		30	22	298		373	273
3453420110	Bolivina striatula	8				99			
3453460202	Bulimina marginata			4				50	
3453540302	Epistominella vitrea	44		8	4	547		99	50
3453670199	?Cibicides concentricus	12	12	4	4	149	149	50	50
3454520203	Fursenkoina pontoni	4				50			
3454520299	?Fursenkoina complanata	308	132	428	184	3828	1641	5320	2287
3454610199	?Florilus atlanticus	4	4	8	13	50	50	99	162
3454610299	?Nonionella basiloba	488	256	411	533	6066	3182	5109	6625
35400901	Petalotricha			4				50	
46010102	Trachydemus	4				50			
46020101	Echinoderes	4	4			50	50		
47	Nematoda	4	8	12		50	99	149	
470304	Axonolaimidae		4	8	16		50	99	199
47030404	GParodontophora		4				50		
470305	Leptolaimidae			8				99	
470401	Linhomoeidra			8	8			99	99
47040103	GTerschellingia		4	8			50	99	
47040301	GSphaerolaimus	8			4	99			50
470404	Monhysteridae		4				50		
47040403	GTheristus	28	4	12	12	348	50	149	149
47040405	Paramonhystera				4				50
47050201	Microlaimus		20	12	8		249	149	99
470503	Desmodoridae				4				50
47050305	Eubostrichus		8				99		
470505	Ceramonematidae	4				50			
47051001	GDorylaimopsis		4				50		
47051002	GSabatieria	76	56	36	32	945	696	447	398
47051004	Metacomesoma		4				50		
47051005	Paracomesoma		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	199	
471109	Oxystominidae		4				50		
47110901	GHalalaimus			4				50	
471114	Oncholaimidae			4				50	
5001220201	Sigambra tentaculata				4				50
5001230302	Syllis gracilis			4				50	
5001410301	Paraonis gracilis		4				50		
5001600306	Notomastus latericeus	8		4		99		50	
51	Gastropoda	4				50			
55	Bivalvia	4				50			
6117	Copepoda		8				99		
6119280903	Strenhella mastiodchaeta			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	68	80	152	50	845	994	1889
3450120498	?Lagenammina difflugiformis				8				99
3450120499	?Lagenammina comprima		4		15		50		186
3450250107	Reophax scottii	2	12	20	68	25	149	249	845
3453380199	?Bulliminella morgani	16	360	144	600	199	4475	1790	7458
3453420109	Bolivina lowmani		12		76		149		945
3453420110	Bolivina striatula		8		8		99		99
3453460202	Bulimina marginata		4				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			4				50	
46020101	Echinoderes		4		36		50		447
47	Nematoda	2	16	20	25	25	199	249	311
470304	Axonolaimidae	4	4	4	50	50	50	50	621
47030401	GAxonolaimus			4				50	
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	Paramonhystera				25				311
47050201	Microlaimus	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	Metacomesoma				8				99
470511	Chromadoridae	2	4		99	25	50		1231
470512	Cyatholaimidae	124	100	40	116	1541	1243	497	1442
47060201	Desmoscolex		8		8		99		99
47060202	Tricoma	4	28	80	41	50	348	994	510
47110901	GHalalaimus	4	4	4	17	50	50	50	211
471114	Oncholaimidae	2			8	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				12				149
611918	Ameiridae			4				50	
6119280799	+Haloschizopera Junodi		4		20		50		249

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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 comprima		24	6			298	75	
3450250107	Reophax scottii	2		2	34	25		25	423
3450320401	Ammoscalaria pseudospiralis				17				211
3450450103	Textularia earlandi		4				50		
3450450105	Textularia conica				17				211
3450450199	+Textularia mexicana		8				99		
3450540102	Eggerella bradyi		4	4	8		50	50	99
345201	Miliolacea			4				50	
3453380199	?buliminella morgani	224	172	104	683	2784	2138	1293	8490
3453420109	Bolivina lowmani	4	28	14	135	50	348	174	1678
345342011u	Bolivina striatula				84				1044
3453420199	+Bolivina simplex		4				50		
3453460202	Bulimina 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		249		311
3454610299	?Nonionella basiloba	228	344	70	1526	2834	4276	870	18968
359999	?Holophryidae			4				50	
43	Rhynchocoela				4				50
46010102	Trachydemus	2	8		4	25	99		50
46020101	Echinoderes	2		10	4	25		124	50
47	Nematoda	6		10		75		124	
470304	Axonolaimidae	6		2	8	75		25	99
47030401	GAxonolaimus			2				25	
47030404	GParodontophora	2			12	25			149
470401	Linhomoeidae	4		6		50		75	
47040103	GTerschellingia	2		4	4	25		50	50
47040301	GSphaerolaimus	6	12		12	75	149		149
470404	Monhysteridae	2				25			
47040403	GTheristus	4	4	14	25	50	50	174	311
47040405	Paramonhystera	2				25			
47050201	Microlaimus	22		35	25	273		435	311
470503	Desmodoridae	4				50			
47050305	Eubostrichus	2	4	4		25	50	50	
470505	Ceramonematidae				4				50
47051001	GDorylaimopsis	8		4		99		50	
47051002	GSabatieria	58	24	18	91	721	298	224	1131
47051004	Metacomesoma	2				25			
47051006	Laimella		4				50		
470511	Chromadoridae	8	4		8	99	50		99
470512	Cyatholaimidae	12	8	20	50	149	99	249	621
470513	Choniolaimidae	2	4			25	50		
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	Onchulaimidae	2	4		8	25	50		99
5001220201	Sigambra tentaculata				8				99
5001410301	Paraonis gracilis				8				99
5001430502	Prionospio cirrifera				4				50
5001500307	Tharyx marioni			2				25	
5001580204	Armandia maculata		4	4	4		50	50	50
5001600306	Notomastus latericeus	2	8	12		25	99	149	
55	Bivalvia			4				50	
6119040101	Longipedia helgolandica		4	2			50	25	
61190902	*Halectinosoma			10				124	
611927	Cletodidae		4	8			50	99	
6119280903	Stenhelia mastigochaeta			8				99	

344501	Gromiidae	64	32	76	56	796	398	945	447
3450120498	?Lagenammina difflugiformis	4			19	50			236
3450120499	?Lagenammina comprima	8			14	99			174
3450250107	Reophax scottii	49		28	14	609		348	174
3453380199	?Buliminella morgani	260	12	853	738	3232	149	10603	9173
3453420109	Bolivina lowmani	16		19	9	199		236	112
3453460202	Bulimina marginata			5				62	
3453540302	Epistominella vitrea			5				62	
3453670199	?Cibicides concentricus		4	5	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	8		25	50	99	
47	Nematoda	4	28	12		50	348	149	
47030201	Campylaimus		6	4			75	50	
470304	Axonolaimidae		6	8	8		75	99	99
47030501	GLeptolaimus		11	12			137	149	
470401	Linhomoeidra	6	11	20	4	75	137	249	50
47040103	GTerschellingia	8	22	24		99	273	298	
470404	Monhysteridae		22				273		
47040402	GMonhystera			20				249	
47040403	GTheristus		44	16	20		547	199	249
47040405	Paramonhystera		6				75		
47050201	Microlaimus	34	66	28	4	423	820	348	50
470503	Desmodoridae			4				50	
47050305	Eubostrichus	2		8		25		99	
470505	Ceramonematidae				4				50
47050701	Richtersia			4				50	
47051001	GDorylaimopsis		6	8	12		75	99	149
47051002	GSabatieria	30	122	60	104	373	1516	746	1293
47051004	Metacomesoma			16	4			199	50
47051005	Paracomesoma	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	GHalalaimus	2	11		4	25	137		50
471114	Oncholaimidae	2				25			
50014102	GAricidea	8			4	99			50
5001431701	Paraprionospio pinnata	4	4			50	50		
5001500307	Tharyx marioni	8			4	99			50
5001520103	Cossura delta				4				50
5001580204	Armandia maculata		8				99		
5001600306	Notomastus latericeus	8	16	8	4	99	199	99	50
61190902	*Halectinosoma	2				25			
611927	Cletodidae			4	4			50	50
6119280799	+Haloschizopera junodi				4				50
611928090101	Stenhelia longicaudata var. finmarchica		8				99		
6119289999	+Parameiropsis rapiens		4				50		

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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 difluqiformis				12				149
3450120499	?Lagenammina comprima		5		17		62		211
3450250107	Reophax 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	47		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	Ciliatea holotrichia	4				50			
359998	?Trachelliidae		4				50		
359999	?Holophryidae		8				99		
46020101	Echinoderes	16	44	16		199	547	199	
47	Nematoda	20	24			249	298		
47030201	Campylaimus	4	12	4		50	149	50	
470304	Axonolaimidae	12	16	12	4	149	199	149	50
47030404	GParodontophora		4				50		
470401	Linhomoeidra	12	48	4	4	149	597	50	50
47040103	GTerschellingia	16			4	199			50
47040301	GSphaerolaimus		8				99		
470404	Monhysteridae		8				99		
47040403	GTheristus	44	36	20	56	547	447	249	696
47050201	Microlaimus	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	Metacomesoma				4				50
47051005	Paracomesoma	4				50			
47051006	Laimella		4				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	GHalalaimus				4				50
5001410301	Paraonis gracilis				4				50
5001500307	Tharyx marioni	8		4	4	99		50	50
5001520103	Cossura delta			4				50	
5001600306	Notomastus latericeus	8		4		99		50	
6119	AHarpacticoida			4				50	
6119040101	Longipedia helgolandica		4				50		
61190902	*Halectinosoma	12	4			149	50		
611927	Cletodidae	4				50			
6119270104	Cletodes tenuipes	4				50			
6119270406	Enhydrosoma hopkinsi		4				50		
611928	Diosaccidae	4				50			
6119280799	+Halaschizopera tunodi	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 filosia	4				50			
344501	Gromiidae	120	104	28	40	1492	1293	348	497
3450120498	?Lagenammina difluqiformis	9			4	112			50
3450120499	?Lagenammina comprima	22			24	273			298
3450250107	Reophax scottii		19	25	8		236	311	99
3450320401	Ammoscalaria pseudospiralis				4				50
3450450105	Textularia conica	4				50			
345201	Miliolacea	4	8		4	50	99		50
34530301	GLenticulina		8				99		
3453380199	?Bulimínella morgani	674	431	446	244	8378	5357	5544	3033
3453420109	Bolivina lowmani	13	15	53	8	162	186	659	99
3453460202	Bulimina marginata			8				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		99	149
3454520203	Fursenkoina pontoni	4			8	50			99
3454520299	?Fursenkoina complanata	13	121	151	20	162	1504	1877	249
3454610199	?Florilus 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				4				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		4		99		50	
47030404	GParodontophora	12				149			
470401	Linhomoeidra	4	8		8	50	99		99
47040105	GTerschellingia	4	4	16	12	50	50	199	149
47040301	GSphaerolaimus	32	8		4	398	99		50
47040403	GTheristus	12	36	4	16	149	447	50	199
47040405	Paramonhystera	12				149			
47050201	Microlaimus	12	32	4	28	149	398	50	348
470505	Ceramonematidae	4		4		50		50	
47051001	GOxylaimopsis	4	4	36	8	50	50	447	99
47051002	GSabatieria	65	108	60	60	808	1342	746	746
47051004	Metacomesoma			4	12			50	149
47051005	Paracomesoma			8				99	
470511	Chromadoridae	24	4	8		298	50	99	
470512	Cyatholaimidae	69	72	40	68	858	895	497	845
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	Oncholaimidae		4	4			50	50	
50014102	GAricidea		4				50		
5001410301	Paraonis gracilis			4				50	
5001430502	Prionospio cirrifera	4				50			
5001500307	Tharyx marioni	4	8			50	99		
5001600306	Notomastus latericeus	16	8	24		199	99	298	
55	Bivalvia	4	4			50	50		
6117	Copepoda			4				50	
6119040101	Longipedia helgolandica	4				50			
61190902	*Halectinosoma	16				199			
6119270102	Cletodes dissimilis	4				50			
6119270104	Cletodes tenuipes		4				50		
6119270105	Cletodes latirostris		4				50		
6119280402	Amphiascus minutus	4				50			
6119280799	+Haloschizopera junodi		4		4		50		50

344501	Gromiidae	72	172	152	200	895	2138	1889	2486
3450120498	?Lagenammina difflugiformis		36		24		447		298
3450120499	?Lagenammina comprima				12				149
3450250107	Reophax scottii	28	64	49	20	348	796	609	249
3450320401	Ammoscalaria pseudospiralis				8				99
3450450105	Textularia conica				4				50
3450540102	Eggerella bradyi		7		4		87		50
345201	Miliolacea				12				149
3453030999	?Lagena spicata				4				50
3453380199	?Bulliminella 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		8		87		99
3453530101	Cancris sagra				4				50
3453540302	Epistominella vitrea		21		80		261		994
3453670199	?Cibicides concentricus		7	4	36		87	50	447
3454300109	Elphidium gunteri				4				50
3454520203	Fursenkoina pontoni				4				50
3454520299	?Fursenkoina complanata	40	234	396	133	497	2909	4922	1653
3454610199	?Florilus atlanticus		21		4		261		50
3454610299	?Nonionella basiloba	208	746	323	318	2585	9273	4015	3953
359999	?Holophryidae				12				149
3901	Turbellaria	8				99			
46010102	Trachygemus	4	4		4	50	50		50
46020101	Echinoderes	8	12		16	99	149		199
47	Nematoda	20	4	16	4	249	50	199	50
47030201	Campylaimus	4		8	4	50		99	50
470304	Axonolaimidae	4	20		13	50	249		162
47030404	GParodontophora				4				50
47030501	GLeptolaimus	8				99			
47030703	GCamacolaimus		4				50		
470401	Linhomoeidra	20	8	12		249	99	149	
47040103	GTerschellingia		12	4			149	50	
47040301	GSphaerolaimus			4	17			50	211
470404	Monhysteridae	4	4			50	50		
47040403	GTheristus	28	40	56	65	348	497	696	808
47040501	Siphonolaimus		8				99		
47050201	Microlaimus	44	89	20	82	547	1106	249	1019
470503	Desmodoridae	12		8	9	149		99	112
470505	Ceramonematidae	12	12		17	149	149		211
47050701	Richtersia			8				99	
47051001	GDorylaimopsis		4	4			50	50	
47051002	GSabatieria	76	56	96	129	945	696	1193	1603
47051004	Metacomesoma		8				99		
470511	Chromadoridae	4	40		43	50	497		534
470512	Cyatholaimidae	36	125	28	159	447	1554	348	1976
470513	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	162
50014102	GAricidea	4			4	50			50
5001431701	Paraprionospio pinnata	4		8		50		99	
5001580204	Armandia maculata				4				50
5001600306	Notomastus latericeus				4				50
55	Bivalvia		4	4	28		50	50	348
6119040101	Longipedia helgolandica		12		12		149		149
61190902	*Halectinosoma	4	8	8	16	50	99	99	199
6119150703	Normanella confluens			4				50	
611927	Cletodidae			4				50	
6119270104	Cletodes tenuipes				4				50
6119280799	+Haloschizopera junodi		4		4		50		50
6119280903	Stenhelia mastigochaeta	4				50			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Cromiidae	28	12	52	60	348	149	646	746
3450250107	Reophax scottii	15	8		4	186	99		50
3450450103	Textularia earlandi	5				62			
3450540102	Eggerella bradyi		4				50		
3452140114	Quinqueloculina 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				124			
3454250101	Ammonia beccarii	20	24	14	28	249	298	174	348
34545202	GFursenkoina	15	12	22		186	149	273	
3454520299	?Fursenkoina complanata	5				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		4		348		50
47	Nematoda		20				249		
47030401	GAxonolaimus	5				62			
47030404	GParodontophora	10	4	4	8	124	50	50	99
470305	Leptolaimidae	10		36		124		447	
470401	Linhomoeidra		4	4	36		50	50	447
47040103	GTerschellingia	90	24	96	84	1119	298	1193	1044
47040301	GSphaerolaimus		4		8		50		99
470404	Monhysteridae			8				99	
47040402	GMonhystera	15			16	186			199
47040403	GTheristus	85	24	92	44	1057	298	1144	547
47040405	Paramonhystera		12				149		
47050201	Microlaimus	10				124			
470505	Desmodoridae	5		4		62		50	
47050305	Eubostrichus			4				50	
470510	Comesomatidae	5				62			
47051001	GDorylaimopsis	10	12		24	124	149		298
47051002	GSabatieria	120	115	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	Tricoma	25	4	4		311	50	50	
471103	Ironidae	10				124			
471114	Oncholaimidae	30	4	4		373	50	50	
5001250115	Nephtys incisa			8				99	
5001430502	Prionospio cirrifera				4				50
5001600306	Notomastus latericeus	8		12	4	99		149	50
5001670211	Ampharete americana	8	4			99	50		
6117	Copepoda	4		4		50		50	
611927	Cletodidae	8		4		99		50	
611927040b	Enhydrosoma hopkinsi			4				50	
6119280799	+Heloschizopera junodi	8	16	28		99	199	348	

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344201	Difflugiidae	4		28		50		348	
3443	Rhizopodea filosia	140				1740			
344501	Gromiidae	56	92	28	60	696	1144	348	746
3450120499	?Lagenammina comprima	29	17	63	24	360	211	783	298
3450250107	Reophax scottii		8	13	8		99	162	99
3450320401	Ammoscalaria pseudospiralis	10	8		8	124	99		99
3450450201	Bigenerina irregularis	10				124			
3450540102	Eggerella bradyi	49	8	13	32	609	99	162	398
345201	Miliolacea	10				124			
3452140112	Quinqueloculina comota	10				124			
3452140114	Quinqueloculina vulgaris	19				236			
3453380101	Bulliminella elegantissima		8				99		
3453380199	?Bulliminella morgani	78	306	429	284	970	3804	5332	3530
3453420109	Bolivina lowmani	185	51	113	76	2300	634	1405	945
3453460202	Bulimina marginata	10			4	124			50
3453540302	Epistominella vitrea	40				497			
3453670199	?Cibicides concentricus		8				99		
3454250101	Ammonia beccarii	9	93	38	44	112	1156	472	547
34545202	GFursenkoina	10	8			124	99		
3454520203	Fursenkoina pontoni	10				124			
3454520299	?Fursenkoina complanata				20				249
3454610299	?Nonionella basiloba	2607	2224	2812	152	32405	27644	34953	1889
3540020197	?Tintinnopsis ovalis	4				50			
359999	?Holophryidae			4				50	
3701	Hydrozoa	4		4		50		50	
43	Rhynchocoela			4				50	
4401	Macrodasyoida	4				50			
46010101	Pycnophyes			4				50	
46010102	Trachydemus		4				50		
46020101	Echinoderes	16		32		199		398	
47	Nematoda	72	33	16		895	410	199	
47030201	Campylaimus		7				87		
47030202	Larvala				4				50
47030404	GParodontophora			4				50	
470401	Linhomoeidra	10	7	20		124	87	249	
47040103	GTerschellingia	111	127	52	52	1380	1579	646	646
47040301	GSphaerolaimus	10	13	4	8	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	Microlaimus	5	13			62	162		
470503	Desmodoridae	10		8	12	124		99	149
47050305	Eubostrichus	29		8	12	360		99	149
470505	Ceramonematidae	19	7	4		236	87	50	
47051001	GDorylaimopsis	63	174	40	28	783	2163	497	348
47051002	GSabatieria	158	187	68	68	1918	2324	845	845
47051003	Cervonema	5				62			
47051004	Metacomesoma	10	7	36	16	124	87	447	199
47051005	Paracomesoma		7				87		
470511	Chromadoridae		27		4		336		50
47051104	GHypodontolaimus	5				62			
470516	Cyatholaimidae	92	120	48	20	1144	1492	597	249
470517	Choniolaimidae	24		4		298		50	
47060201	Desmoscolex			36				447	
47060202	Tricoma	29	33	20	16	360	410	249	199
47110901	GHalalaimus	43	7	16		534	87	199	
471114	Oncholaimidae	14	13		4	174	162		50
471199	?Enchelididae		7		4		87		50
50014102	GAricidea		4	28			50	348	
5001431701	Paraprionospio pinnata	4				50			
5001500307	Theryx marioni		12				149		
5001600306	Notomastus latericeus	4	8			50	99		
5004	Oligochaeta			4				50	
6113	APodocopa			4				50	
6117	Copepoda			4				50	
611909	Ectinosomidae		4				50		
61190902	*Halectinosoma	20	8	12		249	99	149	
611910	Harpacticidae	8				99			
6119150703	Normanella confluens			4	4			50	50
6119180199	+Nitocra reducta			8				99	
611927	Cletodidae			4				50	
6119270104	Cletodes tenuipes			4				50	
61192704	GEnhydrosoma	16				199			
6119280799	+Haloschizopera junodi				4				50
61192809	GStenhelia			8				99	
61200401	GCorycaeus				4				50
6120090198	?Oithona colcarva		4				50		
7802	Cyanolaemata stenostomata	4				50			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	10				124			
3450120498	?Lagenammina difflugiformis		8				99		
3450120499	?Lagenammina comprima		13		2		162		25
3450250107	Reophax scottii	4	6	10		50	75	124	
3450450105	Textularia conica		2	6			25	75	
34509999	+Alveolophragmium		4				50		
345201	Miliolacea		4	4			50	50	
3453380199	?Buliminella morgani	172	250	225	104	2138	3108	2797	1293
3453420109	Bolivina lowmani	2	2	16	2	25	25	199	25
3453420199	+Bolivina simplex			4				50	
3453480299	?Trifarina bella				2				25
3453530101	Cancris sagra	2	4			25	50		
3453670199	?Cibicides concentricus		8	14			99	174	
3454250101	Ammonia beccarii		4	4			50	50	
3454520203	Fursenkoina pontoni		19	2	6		236	25	75
3454520299	?Fursenkoina complanata	48	15	16	12	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		4				50		
46010102	Trachydemus	2	2			25	25		
46020101	Echinoderes			2				25	
470304	Axonolaimidae	4				50			
470401	Linhomoeidra	4		8		50		99	
47040103	GTerschellingia	6		2		75		25	
47040301	GSphaerolaimus	2	4		2	25	50		25
47040402	GMonhystera	2				25			
47040403	GTheristus	4	8	4		50	99	50	
47050201	Microlaimus	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		6	2			75	25	
470512	Cyatholaimidae		4	2	6		50	25	75
470513	Choniolaimidae	2	6	6		25	75	75	
47060202	Tricoma			2				25	
47110901	GHalalaimus	2	2			25	25		
471114	Oncholaimidae		2				25		
5001	Polychaeta				2				25
50013101I3	Lumbrinereis tenuis		2				25		
5001410Z	GAricidea	4	2			50	25		
5001500307	Tharyx marioni		2				25		
5001600306	Notomastus latericeus	2	6		4	25	75		50
6119	Aharnacticoida	2				25			
6119040101	Longipedia helgolandica		2				25		
6119280799	+Haloschizopera junodi		2				25		
61192809	GStenhelia		2				25		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	34	6	16	76	423	75	199	945
3450120499	?Lagenammina comprima		42	78	12		522	970	149
3450250107	Reophax scottii		2	2	4		25	25	50
3450450105	Textularia conica				4				50
3450540102	Eggerella bradyi				16				199
3453380101	Buliminella elegantissima			4	24			50	298
3453380199	?Buliminella morgani	20	308	326	226	249	3828	4052	2809
3453420109	Bolivina 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 basiloba	6	24	6	8	75	298	75	99
3901	Turbellaria			2				25	
46020101	Echinoderes	4	2	10		50	25	124	
47	Nematoda	14				174			
470304	Axonolaimidae	2			6	25			75
47030404	GParodontophora			6				75	
47030501	GLeptolaimus				2				25
470401	Linhomoeidra	24		20	6	298		249	75
47040103	Gierschellingia	22	2	12	14	273	25	149	174
47040301	GSphaerolaimus			4	2			50	25
470404	Monhysteridae				4				50
47040402	GMonhystera	18				224			
47040403	Gtheristus	26	2	30	22	323	25	373	273
47040501	Siphonolaimus	6		2		75		25	
47050201	Microlaimus	26		10	4	323		124	50
470503	Desmodoridae	18			16	224			199
47050305	Eubostrichus	4		2		50		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	Metacomesoma			18	14			224	174
47051005	Paracomesoma			2	2			25	25
47051006	Laimella		2	12	4		25	149	50
470511	Chromadoridae	4				50			
470512	Cyatholaimidae	38	6	64	38	472	75	796	472
470513	Choniolaimidae	2	2		2	25	25		25
47060201	Desmoscolex	2		2	2	25		25	25
47060202	Tricoma	16			6	199			75
47110901	GHalalaimus	4		4		50		50	
5001410301	Paraonis gracilis			2				25	
5001430502	Prionospio cirrifera			2				25	
5001600306	Notomastus latericeus	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				6				75
3450120499	?Lagenammina comprima	20		40		249		497	
3450320401	Ammoscalaria pseudospiralis			8				99	
3450540102	Eggerella bradyi			8				99	
3453380199	?Buliminella 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	99	149	12
3454520299	?Fursenkoina complanata			4				50	
3454610299	?Nonionella basiloba	8	88	4	2	99	1094	50	25
353102	Scyphidiidae				9				112
46020101	Echinoderes	8			2	99			25
47	Nematoda	5	4			62	50		
47030201	Campylaimus	5				62			
47030404	GParodontophora	9				112			
470401	Linhomoeidae	9	18	8		112	224	99	
47040103	GTerschellingia	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	GDorylaimopsis	41	13	12	1	510	162	149	12
47051002	GSabatieria	162	192	48	1	2014	2387	597	12
47051004	Metacomesoma	104	49	4		1293	609	50	
47051006	Laimella	5				62			
470512	Cyatholaimidae	63	36	24	1	783	447	298	12
470513	Choniolaimidae		4				50		
47110901	GHalalaimus		13				162		
47110902	GOxystomina		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		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12	56		2	149	696		25
3450120499	?Lagenammina comprima		12	4	16		149	50	199
3453380199	?Bulliminella morgani	340	256	248	138	4226	3182	3083	1715
3453420109	Bolivina lowmani	4	12			50	149		
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	8		4	6	99		50	75
3454520299	?Fursenkoina complanata		20				249		
3454610299	?Nonionella basiloba		164		4		2039		50
46020101	Echinoderes	4				50			
47030404	GParodontophora	10			2	124			25
47030703	GCamacolaimus			4				50	
470401	Linhomoeidae	44	16	4	6	547	199	50	75
47040103	GTerschellingia	88	44		14	1094	547		174
47040301	GSphaerolaimus	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	Eubostrichus	15	28		2	186	348		25
47051001	GDorylaimopsis	34	8	20		423	99	249	
47051002	GSabatieria	132	72	24	70	1641	895	298	870
47051004	Metacomesoma	78	20	16	34	970	249	199	423
47051005	Paracomesoma				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		4		124		50	
47110902	GOxystomina	5	4		2	62	50		25
471114	Oncholaimidae	10				124			
471198	?Leptosomatidae (nematoda)			4				50	
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

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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	?Lagenammina comprima	3				37			
3452140112	Quinqueloculina compta		1				12		
3453380199	?Buliminella morgani	8	39	252	2	99	485	3132	25
3453420109	Bolivina lowmani		1				12		
3453670199	?Cibicides concentricus		1				12		
3454250101	Ammonia beccarii		4	20			50	249	
3454520299	?Fursenkoina complanata		2				25		
3454610299	?Nonionella basiloba		2		2		25		25
46020101	Echinoderes		1				12		
470401	Linhomoeidra		2	4			25	50	
47040103	GTerschellingia	8	6	65		99	75	808	
47040402	GMonhystera		3				37		
47040403	GTheristus	2	3	56		25	37	696	
47050305	Eubostrichus			9				112	
47051001	GDorylaimopsis	4	2	9		50	25	112	
47051002	GSabatieria	6	21	252	4	75	261	3132	50
47051004	Metacomesoma			35				435	
470512	Cyatholaimidae	2	1	26		25	12	323	
470513	Choniolaimidae		1				12		
47110901	GHalalaimus		2		2		25		25
47110902	GOxystomina			4				50	
471114	Oncholaimidae			4				50	
5001220201	Sigambra tentaculata	2	2			25	25		
50014102	GAricidea				2				25
5001431701	Paraprionospio pinnata			4				50	
5922	Acarina		2				25		
6118	ACalanoida		1		4		12		50
61180401	GParacalanus	2				25			
6118040102	Paracalanus crassirostris		2		2		25		25
6119040101	Longipedia helgolandica			4				50	

344501	Gromiidae			2	8			25	99
3450120499	?Lagenammina comprima	18				224			
3453380199	?Bulliminella morgani	109	18	4	24	1355	224	50	298
3453420109	Bolivina lowmani	1		2	2	12		25	25
3454250101	Ammonia beccarii	4			4	50			50
3454610299	?Nonionella basiloba	5	4	4	30	62	50	50	373
46010101	Pycnophyes	1				12			
47	Nematoda		2		2		25		25
47030404	GParodontophora	1	4			12	50		
470401	Linhomoeidra	3	4	6	2	37	50	75	25
47040103	GTerschellingia	13	20	30		162	249	373	
47040301	GSphaerolaimus	1	2	2		12	25	25	
470404	Monhysteridae			4				50	
47040403	GTheristus		8	8			99	99	
47050305	Eubostrichus			4				50	
47051001	GDorylaimopsis	4	22	6	4	50	273	75	50
47051002	GSabatieria	9	64	12	12	112	796	149	149
47051004	Metacomesoma	1	14	12		12	174	149	
47051006	Laimella	2		4		25		50	
470511	Chromadoridae	5	28	18		12 62	348	224	
470512	Cyatholaimidae			4				50	
470513	Choniolaimidae	1		2		12		25	
47110902	GOxystomina	1				12			
6118040102	Paracalanus crassirostris								

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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		
3452140112	Quinqueloculina compta				2				25
3453380199	?Buliminella morgani	4	20	6		50	249	75	
3453420109	Bolivina lowmani		2				25		
3454250101	Ammonia beccarii	2			4	25			50
3454610299	?Nonionella basiloba	10		8	2	124		99	25
46010102	Trachydemus		2				25		
47	Nematoda			2				25	
47030404	GParodontophora		2	2			25	25	
47030501	GLeptolaimus	2				25			
47030703	GCamacolaimus			2				25	
470401	Linhomoeidae			6				75	
47040103	GTerschellingia	20	64	86	2	249	796	1069	25
470404	Monhysteridae			4				50	
47040403	GTheristus	4	2	28	2	50	25	348	25
47050305	Eubostrichus		12	14			149	174	
47051001	GDorylaimopsis		2	16			25	199	
47051002	GSabatieria	2	32	26	2	25	398	323	25
47051004	Metacomesoma	4		10	2	50		124	25
470512	Cyatholaimidae	2	4	38		25	50	472	
470513	Choniolaimidae			2				25	
47110902	GOxystomina			6				75	
5001431701	Paraprionospio pinnata				2				25

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
34	Protozoa I				4				50
344501	Gromiidae	2	8	2	52	25	99	25	646
3450120499	?Lagenammina comprima		4				50		
3453380199	?Buliminella morgani	6	150	50	190	75	1864	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	920
47	Nematoda		2	2	6		25	25	75
470401	Linhomoeidra	14	14		8	174	174		99
47040103	GTerschellingia	22	10	42	20	273	124	522	249
47040301	GSphaerolaimus		2	2			25	25	
470404	Monhysteridae	4		14		50		174	
47040403	GTheristus	26	32	24	24	323	398	298	298
47050201	Microlaimus		2				25		
47050305	Eubostrichus	12	8	16		149	99	199	
470505	Ceramonematidae	2				25			
47050701	Richtersia		2				25		
47051001	GDorylaimopsis	10	12	36	38	124	149	447	472
47051002	GSabatieria	34	32	44	26	423	398	547	323
47051004	Metacomesoma	10	14	4	20	124	174	50	249
47051005	Paracomesoma	2				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			2	25			25
47110901	GHalalaimus		4		2		50		25
471114	Oncholaimidae	2				25			
5001220201	Sigambra tentaculata		4				50		
5001600306	Notomastus latericeus				2				25

344501	Gromiidae		1		4		12		50
3450120499	?Lagenammina comprima			26	34			323	423
3453380199	?Buliminella morgani	12	3	180	96	149	37	2237	1193
3453420109	Bolivina lowmani			4	2			50	25
3454250101	Ammonia beccarii			2				25	
3454610299	?Nonionella basiloba	6		10		75		124	
359999	?Holophryidae				2				25
46010102	Trachydemus				2				25
46020101	Echinoderes				8				99
470304	Axonolaimidae				4				50
47030404	GParodontophora				20				249
47030703	GCamacolaimus			2				25	
470401	Linhomoeidra		1	10	15		12	124	186
47040103	GTerschellingia	22		54	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		25	50	124	
470505	Ceramonematidae			2	2			25	25
47051001	GDorylaimopsis			10	13			124	162
47051002	GSabatieria	22	2	104	61	273	25	1293	758
47051004	Metacomesoma	2		2	39	25		25	485
47051005	Paracomesoma			2				25	
470511	Chromadoridae	4		2	2	50		25	25
470512	Cyatholaimidae			36	44			447	547
470513	Choniolaimidae	2		6	2	25		75	25
47060202	Tricoma				2				25
47110901	GHalalaimus			2	4			25	50
47110902	GOxystomina			2	2			25	25
471114	Uncholaimidae			2				25	
5001220201	Sigambra tentaculata	2		2		25		25	
5922	Acarina				2				25
6119150703	Normanella confluens			2				25	

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

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	2				25			
34533801O1	Buliminella elegantissima	10				124			
34533801 99	?Buliminella morgani	4	2	4		50	25	50	
34534201 09	Bolivina lowmani	6				75			
34534201 10	Bolivina striatula	4				50			
34536701 99	?Cibicides concentricus	8				99			
34542501 01	Ammonia beccarii	10	4	16	2	124	50	199	25
34545202 99	?Fursenkoina complanata		2				25		
34546102 99	?Nonionella basiloba		2				25		
43	Rhynchocoela		2				25		
46010102	Trachydemus	2	2			25	25		
46020101	Echinoderes	2	4	6		25	50	75	
47	Nematoda		8				99		
47030201	Campylaimus	3				37			
47030404	GParodontophora	3		2		37		25	
47030501	GLeptolaimus	3				37			
470401	Linhomoeidae	8	4	4		99	50	50	
47040103	GTerschellingia	125	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	5				62			
47050305	Eubostrichus	3	2			37	25		
470505	Ceramonematidae	3				37			
47051001	GDorylaimopsis				8				99
47051002	GSabatieria	169	60	48	38	2101	746	597	472
47051004	Metacomesoma	30	74	38	28	373	920	472	348
47051005	Paracomesoma	14	8	4		174	99	50	
47051006	Laimella	3				37			
470511	Chromadoridae	5	2			62	25		
470512	Cyatholaimidae	19	12	2	6	236	149	25	75
470513	Choniolaimidae		2	2			25	25	
47110901	GHalalaimus	5				62			
5001220201	Sigambra tentaculata	4			2	50			25
5001431701	Paraprionospio pinnata				2				25
5001440109	Magelona phyllisae	2				25			
5001600306	Notomastus latericeus	2				25			

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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	?Lagenammina comprima	2	8			25	99		
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 basiloba	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	Linhomoeidra	14	23	5		174	286	62	
47040103	GTerschellingia	123	151	66	16	1529	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	GSabatieria	85	104	153	16	1057	1293	1902	199
47051004	Metacomesoma	49	93	41	10	609	1156	510	124
47051005	Paracomesoma			3				37	
470511	Chromadoridae	2				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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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2				25		
34533801 99	?Bulliminella morgani	2		2		25		25	
34534201 09	Bolivina lowmani		6		2		75		25
34542501 01	Ammonia beccarii	2		2	4	25		25	50
34546102 99	?Nonionella basiloba		4				50		
43	Rhynchocoela			4				50	
46010102	Trachydemus			2	2			25	25
46020101	Echinoderes	4	4	8	6	50	50	99	75
47030201	Campylaimus	2				25			
47030404	GParodontophora	4			10	50			124
470305	Leptolaimidae	2				25			
47030501	GLeptolaimus		2				25		
47030703	GCamacolaimus	2				25			
470401	Linhomoeidra	4	2	2	6	50	25	25	75
47040103	GTerschellingia	20	8	22	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	32	572	50	323	398
47051005	Paracomesoma	2			2	25			25
47051006	Laimella		2				25		
470511	Chromadoridae		2		2		25		25
470512	Cyatholaimidae	16	4	6	16	199	50	99	199
470513	Choniolaimidae	2		2	2	25		25	25
47060202	Tricoma	2				25			
47110901	GHalalaimus			4				50	
47110902	GOxystomina				2				25
471114	Oncholaimidae	2			2	25			25
5001220201	Sigambra tentaculata				2				25
5001250115	Nephtys incisa	2			2	25			25
5001400109	Magelona phyllisae			2	2			25	25
5001600306	Notomastus latericeus	2				25			
5515480102	Petricola pholadiformis			2				25	
6117	Copepoda				2				25
6118040102	Paracalanus crassirostris	4	2			50	25		
611R1902	GPseudodiaptomus				2				25
6118290104	Acartia tonsa	4		2	4	50		25	50
6120090198	?Oithona colcarva	4				50			

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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	?Lagenammina comprima	2				25			
3450320401	Ammoscalaria pseudospiralis				2				25
345201	Miliolacea			2				25	
3453380199	?Buliminella morgani	2	2	6		25	25	75	
3453420109	Bolivina lowmani		2	2			25	25	
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	6	6	20	14	75	75	249	174
43	Rhynchocoela	2		4	2	25		50	25
46010101	Pycnophyes			14				174	
46010102	Trachydemus			4				50	
46020101	Echinoderes	14	10	12	16	174	124	149	199
47030201	Campylaimus			4				50	
47030404	GParodontophora		6	4			75	50	
47030501	GLeptolaimus		4		4		50		50
47030703	GCamacolaimus		2	2			25	25	
470401	Linhomoeidra	2	2		2	25	25		25
47040103	GTerschellingia	22	18	8	14	273	224	99	174
47040301	GSphaerolaimus				2				25
47040403	GTheristus	4	12	6	10	50	149	75	124
47051001	GDorylaimopsis	18	6	10	10	224	75	124	124
47051002	GSabatieria	96	94	50	104	1193	1168	621	1293
47051004	Metacomesoma	52	52	38	104	646	646	472	1293
47051005	Paracomesoma		12		4		149		50
470511	Chromadoridae			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	GOxystomina		2	4			25	50	
5001220201	Sigambra tentaculata	2		4	2	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

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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 comprima	4	2			50	25		
345201	Miliolacea		4		2		50		25
3453380199	?Ruliminella morgani	2				25			
3454250101	Ammonia beccarii	2	8	4	6	25	99	50	75
3454610299	?Nonionella basiloba	4		2		50		25	
43	Rhynchocoela	4				50			
46020101	Echinoderes	2	2	14	6	25	25	174	75
47	Nematoda	2		4		25		50	
47030404	GParodontophora			6				75	
47030501	GLeptolaimus			2				25	
47030703	GCamacolaimus	4			2	50			25
470401	Linhomoeidra			12				149	
47040103	GTerschellingia	10	6	11	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			2				25	
47051001	GDorylaimopsis	12		4	4	149		50	50
47051002	GSabatieria	24	52	140	74	298	646	1740	920
47051004	Metacomesoma		18	34	48		224	423	597
47051005	Paracomesoma	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		6		50		75	
47110902	GOxystomina		2	2			25	25	
471114	Oncholaimidae			2	2			25	25
5001220201	Sigambra tentaculata	2				25			
5001430507	Prionospio pygmaea			6				75	
5001600306	Notomastus latericeus			4	2			50	25
61132003	Pellucistoma			2				25	
82010201	Balanoglossus			2				25	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	8	28	6	6	99	348	75	75
3450120499	?Lagenammina comprima			6	2			75	25
3453380101	Buliminella elegantissima	4		4		50		50	
3453380199	?Buliminella morgani	8	10	27	2	99	124	336	25
3453420109	Bolivina lowmani	10	2	21	2	124	25	261	25
3453420110	Bolivina striatula			2				25	
3455670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	4	4	6	2	50	50	75	25
34545202	GFursenkoina	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	Nematoda			3				37	
47030201	Campylaimus	6				75			
470304	Axonolaimidae	2		3		25		37	
47030404	GParodontophora	2				25			
47030501	GLeptolaimus	4				50			
47030703	GCamacolaimus			3				37	
470401	Linhomoeidra	13	7	15	2	162	87	186	25
47040103	GTerschellingia	50	62	97	38	621	771	1206	472
47040301	GSphaerolaimus			3	2			37	25
47040403	GTheristus	27	14	27	14	336	174	336	174
470503	Desmodoridae			3				37	
470505	Ceramonematidae	2				25			
47051001	GDorylaimopsis		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	2	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	Magelona phyllisae	2				25			
611928	Diosaccidae				2				25
61200602	Saphirella			2	2			25	25

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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	Miliolacea	2				25			
3453380199	?Buliminella morgani	6	4	4		75	50	50	
3453420109	Bolivina lowmani		4				50		
3453420110	Bolivina striatula	6				75			
3454250101	Ammonia beccarii	6	16	4	2	75	199	50	25
3454610299	?Nonionella basiloba		2				25		
3454650201	Melonis pompiloides		2				25		
43	Rhynchocoela		2				25		
46	Kinorhyncha			2				25	
46010101	Pycnophyes	2	2	6		25	25	75	
46010102	Trachydemus			2				25	
46020101	Echinoderes	2	4	10	4	25	50	124	50
47	Nematoda			8	2			99	25
47030402	GOdontophora			4				50	
47030404	GParodontophora		2	8			25	99	
47030703	GCamacolaimus	4		4	4	50		50	50
470401	Linhomoeidra	6	26	32	34	75	323	398	423
47040103	GTerschellingia			4				50	
47040301	GSphaerolaimus	2	8	4	12	25	99	50	149
47040403	GTheristus			2				25	
47050305	Eubostrichus			6	4			75	50
47051001	GDorylaimopsis	22	102	52	76	273	1268	646	945
47051002	GSabatieria	4	30	60	28	50	373	746	348
47051004	Metacomesoma		12	4			149	50	
47051005	Paracomesoma		16	12			199	149	
470512	Cyatholaimidae			2				25	
470513	Choniolaimidae	2		2		25		25	
4711090I	GHalalaimus	6	2		2	75	25		25
5001220201	Sigambra tentaculata		2				25		
50012404	GNereis			2				25	
5001440109	Magelona phyllisae								

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	4			25	50	
34533B0199	?Buliminella morgani			2	2			25	25
34534201O9	Bolivina lowmani		16				199		
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	Echinoderes	6		8	14	75		99	174
470304	Axonolaimidae				2				25
47030404	GParodontophora		2	2	6		25	25	75
47030501	GLeptolaimus		2		4		25		50
470401	Linhomoeidra	6	2		6	75	25		75
47040103	GTerschellingia	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	Comesomatidae	2			2	25			
47051001	GDorylaimopsis	2	2	20	16	25	25	249	199
47051002	GSabatieria	66	30	120	118	820	373	1492	1467
47051004	Metacomesoma	7	14	48	46	25	174	597	572
47051005	Paracomesoma			4	4			50	50
470511	Chromadoridae				2				25
470512	Cyatholaimidae	4	2	4	16	50	25	50	199
470513	Choniolaimidae		4		4		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				2				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				99		
3450250107	Reophax scottii			4	8			50	99
3450450103	Textularia earlandi		4				50		
3450540102	Eggerella bradyi		4				50		
3452140112	Quinqueloculina comota	4			4	50			50
3452140599	+Pyrgo nasuta			4				50	
3453380199	?Buliminella 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	Bulimina marginata			4				50	
3453480299	?Trifarina bella	4			4	50			50
3453530101	Cancris sagra				4				50
3453560104	Eponides antillarum				4				50
3453670199	?Cibicides concentricus	8	96	12		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	Larvae		4				50		
47030501	GLeptolaimus		8				99		
47030703	GCamacolaimus	4				50			
470401	Linhomoeidae	12	12	4		149	149	50	
47040301	GSphaerolaimus			4				50	
470404	Monhysteridae	4				50			
47040403	GTheristus	8	24	8	20	99	298	99	249
47040405	Paramonhystera	4			4	50			50
47050201	Microlaimus		4	8			50	99	
470503	Desmodoridae	16	8	4		199	99	50	
47050305	Eubostrichus		4				50		
47050701	Richtersia		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	
47060202	Tricoma	4	8			50	99		
471103	Ironidae	4	4		4	50	50		50
47110401	GAnticoma			4				50	
47110901	GHalalaimus	8	4			99	50		
47110902	GOxystomina		4				50		
471112	Enoplidae			4				50	
471114	Oncholaimidae	4				50			
471199	?Enchelidiidae	8				99			
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	Dinsaccidae		4				50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		16	20	16		199	249	199
3450120499	?Lagenammina comprima				2				25
3450450199	+Textularia mexicana		2				25		
3453380199	?Buliminella morgani	56	50	154	152	696	621	1914	1889
3453420109	Bolivina lowmani	2		2	2	25		25	25
3453420110	Bolivina striatula	4			2	50			25
3453540699	+Discorbis nitida				2				25
3453560104	Eponides antillarum		6		2		75		25
3453670199	?Cibicides concentricus		8		2		99		25
3454250101	Ammonia beccarii	8	2			99	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		149		273
43	Rhynchocoela		2				25		
47	Nematoda	2		2		25		25	
470401	Linhomoeidae	4				50			
47040103	GTerschellingia	4	2	2		50	25	25	
47040301	GSphaerolaimus				4				50
47040403	GTheristus	10	4	6	2	124	50	75	25
47050201	Microlaimus	2	2			25	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	38	26	26	24	472	323	323	298
47051003	Cervonema	2		4		25		50	
47051004	Metacomesoma	6		4		75		50	
47051006	Laimella			2				25	
470511	Chromadoridae				2				25
470512	Cyatholaimidae	2				25			
470513	Choniolaimidae			2	2			25	25
47060201	Desmoscolex			2				25	
47060202	Tricoma	6				75			
471103	Ironidae		2	4	2		25	50	25
47110901	GHalalaimus	2	4	4		25	50	50	
47110902	GOxystomina			2				25	
471114	Oncholaimidae		2	4	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

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
340501	Gromiidae	28	28	16	2	348	348	199	25
3450120498	?Lagenammina difflugiformis	2				25			
3450120499	?Lagenammina comprima	20				249			
3450250107	Reophax scottii			2				25	
3450540102	Eggerella bradyi	6				75			
345201	Miliolacea				2				25
3453380101	Buliminella elegantissima			4				50	
3453380199	?Buliminella morgani	109	448	80	8	1355	5569	994	99
3453420109	Bolivina lowmani	2	40		6	25	497		75
3453420110	Bolivina striatula	4	4			50	50		
3453560104	Eponides antillarum	2	4		2	25	50		25
3453670199	?Cibicides concentricus	18	72		6	224	895		75
3454250101	Ammonia beccarii	2				25			
34545202	GFursenkoina		4				50		
3454520203	Fursenkoina pontoni	2	4			25	50		
3454520299	?Fursenkoina 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				99			
47	Nematoda	8		8		99		99	
47030201	Campylaimus			2				25	
470304	Axonolaimidae		8				99		
470305	Leptolaimidae	4				50			
470401	Linhomoeidra	12	4		6	149	50		75
47040103	GTerschellingia			2	2			25	25
47040301	GSphaerolaimus	8				99			
47040403	GTheristus	28	32	8	16	348	398	99	199
47050201	Microlaimus		4	6	8		50	75	99
470503	Desmodoridae		4	8			50	99	
470505	Ceramonematidae	16	16			199	199		
47050701	Richtersia	12	8	2	2	149	99	25	25
470510	Comesomatidae	4				50			
47051001	GDorylaimopsis	73	8	8	6	907	99	99	75
47051002	GSabatieria	85	78	76	22	1057	970	945	273
47051003	Cervonema	4	8	10	2	50	99	124	25
47051004	Metacomesoma	16		26	10	199		323	124
47051005	Paracomesoma			4				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	Ironidae	4				50			
47110401	GAnticoma		4				50		
47110901	GHalalaimus	8		2		99		25	
471112	Enoplidae	4				50			
471114	Oncholaimidae	8		2		99		25	
5001	Polychaeta	2				25			
500121	Hesionidae			2				25	
5001220103	Ancistrosyllis jonesi		4				50		
5001220201	Sigambra tentaculata	2		4		25		50	
50014102	GAricidea	8				99			
5001410301	Paraonis gracilis	2				25			
5001600402	Mediomastus californiensis	2				25			
50017001	GChone	4	12			50	149		
5517020201	Corbula contracta				2				25
5922	Acarina			2				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	Tetragonicepsidae		4				50		
6119280799	+Haloschizopera junodi			2				25	
6119281001	Typhlamphiascus lamellifer		4				50		
6120	ACyclopoida		4	4			50	50	
6120090198	?Oithona colcarva	16			6	199			75

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	28	12	80		348	149	994	
3450120499	?Lagenammina comprima		4		4		50		50
3450450199	+Textularia mexicana		4				50		
3452140112	Quinqueloculina compta		8				99		
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	Bulimina marginata		4				50		
3453530101	Cancris sagra			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		6		50		75
46020101	Echinoderes	2				25			
47	Nematoda	4	4	4	8	50	50	50	99
47030402	GOdontophora			12				149	
47030404	GParodontophora	6				75			
470305	Leptolaimidae		4				50		
47030703	GCamacolaimus				4				50
470401	Linhomoeidra	2	4	16	2	25	50	199	25
470404	Monhysteridae				4				50
47040403	GTheristus	6	4	12	14	75	50	149	174
47050201	Microlaimus	2				25			
470503	Desmodoridae	2	4	16	4	25	50	199	50
47050305	Eubostrichus	2			2	25			25
470505	Ceramonematidae			4				50	
47050701	Richtersia	8				99			
470510	Comesomatidae		4		2		50		25
47051001	GDorylaimopsis	2	4		2	25	50		25
47051002	GSabatieria	10	8	24	12	124	99	298	149
47051004	Metacomesoma	4	8	8		50	99	99	
47051005	Paracomesoma	2				25			
47051006	Laimella			8				99	
470511	Chromadoridae	4			14	50			174
470512	Cyatholaimidae	2	8	4	8	25	99	50	99
470513	Choniolaimidae		8	12	6		99	149	75
47060202	Tricoma				2				25
47110401	GAnticoma			4	4			50	50
47110901	GHalalaimus			4	2			50	25
471114	Oncholaimidae				4				50
5001	Polychaeta		2				25		
5001220201	Sigambra tentaculata	2	2	4		25	25	50	
5001250115	Nephtys incisa			8				99	
50017001	GChone			4	2			50	25
5922	Acarina	2				25			
6111070101	Harbansus paucichelatus				2				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	

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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	?Lagenammina comprima	4				50			
3450250107	Reophax scottii	2				25			
3450540102	Eggerella bradyi	12				149			
3452140112	Quinqueloculina compta	4				50			
3452140114	Quinqueloculina vulgaris	2				25			
3453380199	?Buliminella morgani	106	20	16	2	1318	249	199	25
3453420109	Bolivina lowmani	18	2			224	25		
3453480299	?Trifarina bella	2				25			
3453560104	Eponides antillarum	2				25			
3453670199	?Cibicides concentricus	18				224			
3454250101	Ammonia beccarii	10	2			124	25		
3454520299	?Fursenkoina complanata	2				25			
3454610299	?Nonionella basiloba	216	28	16	12	2685	348	199	149
3901	Turbellaria		2				25		
43	Rhynchocoela		10		24		124		298
46010102	Trachydemus		2		2		25		25
46020101	Echinoderes		2				25		
470304	Axonolaimidae			2				25	
47030402	GOdontophora	2				25			
470401	Linhomoeidae	2		2		25		25	
47040103	GTerschellingia	6	2		2	75	25		25
470404	Monhysteridae	2				25			
47040403	GTheristus	4	4		4	50	50		50
47050201	Microlaimus	10	2			124	25		
470503	Desmodoridae				2				25
47050305	Eubostrichus	2				25			
470510	Comesomatidae	2				25			
47051001	GDorylaimopsis	24	4	2	4	298	50	25	50
47051002	GSabatieria	34	6	4	20	423	75	50	249
470512	Cyatholaimidae	6	6			75	75		
470513	Choniolaimidae	10	4		2	124	50		25
47060201	Desmoscolex		2				25		
47060202	Tricoma			2				25	
47110901	GHalalaimus	2				25			
471114	Oncholaimidae				2				25
50012202O1	Sigambra tentaculata	2		2		25		25	
50014102	GAricidea	2				25			
5001600306	Notomastus latericeus				2				25
5001600402	Mediomastus californiensis		2				25		
6118290104	Acartia tonsa		4				50		
6119150703	Normanella confluens		2				25		
6120050105	Ergasilus versicolor		2				25		

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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	?Lagenammina comprima	7				87			
3450250107	Reophax scottii	20				249			
3453380199	?Bulliminella morgani	888	30	18	24	11038	373	224	298
3453420109	Bolivina lowmani			2	8			25	99
3453480103	Uvigerina parvula				2				25
3453480299	?Trifarina bella				4				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	?Nonionella basiloba	1124	38	12	38	13971	472	149	472
3901	Turbellaria	8		6		99		75	
43	Rhynchocoela	40			4	497			50
470304	Axonolaimidae	4				50			
470401	Linhomoeidra	8				99			
47040103	GTerschellingia	4		6	2	50		75	25
47040403	GTheristus	12		2		149		25	
47050201	Microlaimus		2				25		
47051001	GDorylaimopsis			9				112	
47051002	GSabatieria	16		9		199		112	
470512	Cyatholaimidae	32				398			
47060201	Desmoscolex		2				25		
47060202	Tricoma	4	2			50	25		
471103	Ironidae	4				50			
50014102	GAricidea	4				50			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	6	60	8	12	75	746	99	149
3450120499	?Lagenammina comprima	2	49	4		25	609	50	
3450250107	Reophax scottii				4				50
3450320401	Ammoscalaria pseudospiralis		3				37		
3450450103	Textularia earlandi		5				62		
3450450199	+Textularia mexicana	2				25			
3450450201	Bigenerina irregularis	2	3			25	37		
3450540102	Eggerella bradyi		15				186		
3453380199	?Buliminella morgani	82	329	188	296	1019	4089	2337	3679
3453420109	Bolivina lowmani	18	121	12	36	224	1504	149	447
3453420199	+Bolivina simplex	2				25			
3453460202	Bulimina marginata		8	4			99	50	
3453530101	Cancris sagra	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
3454520299	?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	GTerschellingia	4	12		4	50	149		50
47040301	GSphaerolaimus		4		4		50		50
470404	Monhysteridae	4				50			
47040403	GTheristus	26	8	16	16	323	99	199	199
47050201	Microlaimus		4		4		50		50
470503	Desmodoridae	10				124			
470505	Ceramonematidae		4				50		
47050701	Richtersia	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	Metacomesoma			4				50	
47051005	Paracomesoma			4				50	
470511	Chromadoridae	2	4	4	8	25	50	50	99
470512	Cyatholaimidae	88	24	8	16	1094	298	99	199
470513	Choniolaimidae	4		4		50		50	
47060201	Desmoscolex		4				50		
47060202	Tricoma		4	4			50	50	
47110902	GOxystomina		4				50		
471114	Oncholaimidae	10	4	8		124	50	99	
471199	?Enchelidiidae	2			4	25			50
5001220201	Sigambra tentaculata	2	2			25	25		
50014102	GAricidea			4				50	
5001410301	Paraonis gracilis				4				50
5001430502	Prionospio cirrifera		2				25		
5001600306	Notomastus latericeus				8				99
50017001	GChone				4				50
5922	Acarina		4				50		
6113190199	?Loxoconcha 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	12	16	16	92	149	199	199	1144
3450120499	?Lagenammina comprima	5	4			62	50		
3450450199	+Textularia mexicana		4				50		
3450540102	Eggerella bradyi	5	8	8	8	62	99	99	99
3452140112	Quinqueloculina compta				4				50
3453380199	?Bulliminella morgani	358	180	324	84	4450	2237	4027	1044
3453420109	Bolivina lowmani	83	40	84	92	1032	497	1044	1144
3453460202	Bulimina marginata			8				99	
3453480103	Uvigerina parvula		4				50		
3453530101	Cancris sagra			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	398		149	99
47050201	Microlaimus	8		14	4	99		174	50
47050305	Eubostrichus	4				50			
47051001	GDorylaimopsis	24	20	44	8	298	249	547	99
47051002	GSabatieria	56	60	28	36	696	746	348	447
47051003	Cervoneme	4				50			
470512	Cyatholaimidae			12	4			149	50
470513	Choniolaimidae			4	4			50	50
47060201	Desmoscolex	8				99			
47060202	Tricoma	4				50			
5001220201	Sigambra tentaculata		4	4			50	50	
50019102	GAricidae	4		4		50		50	
6119281001	Typhlamphiascus lamellifer	4				50			

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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	?Lagenammina comprima		44	12			547	149	
3450250107	Reophax scottii	12	11	4	54	149	137	50	671
3450540102	Eggerella bradyi	6				75			
3452140112	Quinqueloculina compta				22				273
3453030908	Lagena striata				11				137
3453380101	Bulliminella elegantissima				11				137
3453380199	?Bulliminella 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 sagra			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	?Nonionella 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				50
46010102	Trachydemus		4				50		
46020101	Echinoderes			16	8			199	99
47	Nematoda			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	GTerschellingia	12		4	4	149		50	50
47040301	GSphaerolaimus		4				50		
470404	Monhysteridae			4				50	
47040403	GTheristus	20		8	12	249		99	149
47050201	Microlaimus	40		8	12	497		99	149
470503	Desmodoridae	16	20	32	20	199	249	398	249
47050305	Eubostrichus	8				99			
470505	Ceramonematidae		8		4		99		50
47051001	GDorylaimopsis	4	8	16	4	50	99	199	50
47051002	GSabatieria	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	4			4	50			50
47060202	Tricoma	44	28	36	32	547	348	447	398
47110901	GHalalaimus		4	4	4		50	50	50
471111	Phanodermatidae	4				50			
5001	Polychaeta	4				50			
5001220201	Sigambra tentaculata			4				50	
50014102	GAricidea		4	8	4		50	99	50
5001500307	Tharyx marioni		4				50		
5001520103	Cossura delta	4	4			50	50		
551702	Corbulidae				4				50
61140101	Cytherella				4				50
61190902	*Halectinosoma			4				50	
6119270198	+Cletodes spinulipes			4				50	
6119280799	+Haloschizopera junodi			2				25	
61192809101	Stenhelia longicaudata var. finmarchica			4				50	

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12	24	28	24	149	298	348	298
3450120498	?Lagenammina difflugiformis			4				50	
3450120499	?Lagenammina comprima	24		8		298		99	
3450250107	Reophax scottii	29	8	24	13	360	99	298	162
3450450201	Bigenerina irregularis				4				50
345333A0101	Bulliminella elegantissima	5				62			
3453380199	?Bulliminella morgani	386	160	134	333	4798	1989	1666	4139
3453420109	Bolivina lowmani	34	20	32	13	423	249	398	162
3453420110	Bolivina striatula			8	8			99	99
3453480299	?Trifarina bella				4				50
3453560104	Eponides antillarum	5				62			
3453670199	?Cibicides concentricus	5		4		62		50	
3454250101	Ammonia beccarii		4		4		50		50
3454520203	Fursenkoina pontoni		4				50		
3454520299	?Fursenkoina complanata	362	64	317	153	4500	796	3940	1902
3454610199	?Florilus atlanticus		16	8	13		199	99	162
3454610299	?Nonionella basiloba	680	224	438	237	8452	2784	5444	2946
43	Rhynchocoela	12	20	12	4	149	249	149	50
46010102	Trachydemus				4				50
46020101	Echinoderes	4		4	4	50		50	50
470304	Axonolaimidae	8		12	8	99		149	99
470401	Linhomoeidae	12			4	149			50
47040103	GTerschellingia	8	4			99	50		
47040301	GSphaerolaimus	4			4	50			50
470404	Monhysteridae				4				50
47040403	GTheristus	12	8	40	4	149	50	497	50
47050201	Microlaimus		8	56	20		99	696	249
470503	Desmodoridae	4	4	8		50	50	99	
47050305	Eubostrichus				4				50
470505	Ceramonematidae	4		4	12	50		50	149
47051001	GDorylaimopsis	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	GAmphiascus		4				50		
61192B0799	+Haloschizopera junodi				4				50
61192B090101	Stenhelia 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
3453380199	?Bulliminella 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		162
3454520299	?Fursenkoina complanata	871	311	16	153	10827	3866	199	1902
3454610199	?Florilus atlanticus	22	7		17	273	87		211
3454610299	?Nonionella 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	GTerschellingia	6	8		4	75	99		50
47040301	GSphaerolaimus	6			4	75			50
47040403	GTheristus	24	36		4	298	447		50
47050201	Microlaimus	89	36			1106	447		
470503	Desmodoridae	71	24		8	883	298		99
47050305	Eubostrichus	18	4			224	50		
470505	Ceramonematidae	18	8	8	12	224	99	99	149
47050701	Richtersia	6				75			
47051001	GDorylaimopsis		4	4	12		50	50	149
47051002	GSabatieria	149	140	52	56	1852	1740	646	696
47051004	Metacomesoma		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	GHalalaimus	18	8		12	224	99		149
471114	Oncholaimidae	6				75			
5001220201	Sigambra tentaculata		8		4		99		50
50018102	GAricidea	12		4		149		50	
5001410301	Paraonis gracilis		4				50		
5001430502	Prionospio cirrifera			4				50	
5001500307	Tharyx marioni	8	8			99	99		
5001600306	Notomastus latericeus	8				99			
5922	Acarina	4		4		50		50	
6117	Copepoda			4				50	
6118290104	Acartia tonsa	4		4		50		50	
61190902	+Halectinosoma	8				99			
61192701	GCletodes	12				149			
6119280799	+Haloschizopera junodi	12		4		149		50	

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	20	24	20	50	249	298	249
3450120498	?Lagenammina difflugiformis	4	22			50	273		
3450120499	?Lagenammina comprima		44		8		547		99
3450250107	Reophax scottii	8	11	8	4	99	137	99	50
3450450199	+Textularia mexicana		11				137		
3450540102	Eggerella bradyi		22				273		
3453380199	?Buliminella morgani	128	888	368	152	1591	11038	4574	1889
3453420109	Bolivina lowmani		111	92			1380	1144	
3453420110	Bolivina striatula	4	22	68	4	50	273	845	50
3453460202	Bulimina marginata		22				273		
3453670199	?Cibicides concentricus	8	44			99	547		
3454250101	Ammonia beccarii		22	8			273	99	
3454520299	?Fursenkoina complanata	48	122	120	28	597	1516	1492	348
3454610199	?Florilus atlanticus		22				273		
3454610299	?Nonionella basiloba	228	2431	388	160	2834	30217	4823	1989
3901	Turbellaria	16	4	8		199	50	99	
43	Rhynchocoela		24		8		298		99
46	Kinorhyncha		4				50		
46010101	Pycnophyes		8				99		
46010102	Trachydemus				4				50
46020101	Echinoderes	4		20	4	50		249	50
470304	Axonolaimidae	4	16	8		50	199	99	
470401	Linhomoeidra			8				99	
47040103	GTerschellingia		8		8		99		99
47040301	GSphaerolaimus				4				50
47040403	GTheristus		4	8			50	99	
47050201	Microlaimus		8	4	4		99	50	50
470503	Desmodoridae		8	24	4		99	298	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	298	746
47051004	Metacomesoma				4				50
470511	Chromadoridae		8	4			99	50	
470512	Cyatholaimidae		44	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	*Halectinosoma			4				50	
6119270104	Cletodes tenuipes		4	4			50	50	
6119280402	Amphiascus minutus		4				50		
6119280799	+Haloschizopera junodi				4				50
6119280903	Stenhelia mastigocheta		4				50		

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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
34501204 98	?Lagenammina difflugiformis			6				75	
34501204 99	?Lagenammina comprima		8	47			99	584	
34502501 07	Reophax scottii	36	8	12	77	447	99	149	957
34505401 02	Eggerella bradyi			6	7			75	87
34530301	GLenticulina		4				50		
34533801 99	?Buliminella morgani	692	236	729	521	8602	2933	9061	6476
34534201 09	Bolivina lowmani	214	4	71	63	2660	50	883	783
34534201 10	Bolivina striatula	21	8	18	7	261	99	224	87
34534602 02	Bulimina marginata			6				75	
34534802 99	?Trifarina bella		4	6			50	75	
34535301 01	Cancris sagra	21		12	7	261		149	87
34535601 04	Eponides antillarum		4				50		
34536701 99	?Cibicides concentricus	14	28	53	42	174	348	659	522
34542501 01	Ammonia beccarii	7		6	21	87		75	261
34545202 03	Fursenkoina pontoni	7		6		87		75	
34545202 99	?Fursenkoina complanata	299	20	136	746	3717	249	1690	9273
34546101 99	?Florilus atlanticus	36		42		447		522	
34546102 99	?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	Trachydemus	4		8		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	Linhomoeidra	16			12	199			149
47040103	GTerschellingia				12				149
47040301	GSphaerolaimus	20	4		8	249	50		99
470404	Monhysteridae			4				50	
47040403	GTheristus	44	4	28	40	547	50	348	497
47050201	Microlaimus	24	4	20	28	298	50	249	348
470503	Desmodoridae	44		28	12	547		348	149
470505	Ceramonematidae	4			8	50			99
47051001	GDorylaimopsis		4	4	40		50	50	497
47051002	GSabatieria	108	64	140	132	1342	796	1740	1641
470511	Chromadoridae	12		20	12	149		249	149
470512	Cyatholaimidae	52	32	56	124	646	398	696	1541
470513	Choniolaimidae	28			20	348			249
47060201	Desmoscolex	20	4		8	249	50		99
47060202	Tricoma	52	12	24	52	646	149	298	646
471103	Ironidae			4				50	
47110901	GHalalaimus			8	8			99	99
47110902	GOxystomina	4				50			
471114	Oncholaimidae				4				50
50012202 01	Sigambra tentaculata	8	4		4	99	50		50
50014102	GAricidea		4				50		
50014305 02	Prionospio cirrifera	4		4		50		50	
50015003 07	Tharyx marioni	4		4		50		50	
50016003 06	Notomastus latericeus		4	8	8		50	99	99
51	Gastropoda	4		4		50		50	
5922	Acarina	4			4	50			50
61190902	+Halectinosoma	4		4	4	50		50	50
61192701 99	+Cletodes millerorum	4				50			
61192809 03	Stenhelia mastigochaeta	4			4	50			50

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	?Lagenammina comprima	41		8	22	510		99	273
3450250107	Reophax scottii	72	44	12	45	895	547	149	559
3450450199	+Textularia mexicana				11				137
3452140112	Quinqueloculina compta				11				137
3453380199	?Buliminella 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	10				124			
3453530101	Cancris sagra				11				137
3453670199	?Cibicides concentricus	20	22	4	11	249	273	50	137
3454250101	Ammonia beccarii		22	4			273	50	
3454520203	Fursenkoina pontoni	20				249			
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	18421	16843	4972	16892
3513	Ciliatea				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		50
47	Nematoda				8				99
470304	Axonolaimidae	16	33	4	24	199	410	50	298
47030501	GLeptolaimus	4	16			50	199		
470401	Linhomoeidra	28	8	12	12	348	99	149	149
47040103	GTerschellingia	8		4	24	99		50	298
47040301	GSphaerolaimus		8				99		
47040403	GTheristus	20	25	32	8	249	311	398	99
47050201	Microlaimus	64	41	4	20	796	510	50	249
470503	Desmodoridae	20	8	8	28	249	99	99	348
47050305	Eubostrichus	4			4	50			50
470505	Ceramonematidae	12		4	4	149		50	50
47051001	GDoryleimopsis	24	37	4	20	298	460	50	249
47051002	GSabatieria	148	123	24	152	1840	1529	298	1889
470511	Chromadoridae	4		4		50		50	
470512	Cyatholaimidae	72	62	28	44	895	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	GOxystomina		4				50		
5001220201	Sigambra tentaculata	4	4			50	50		
50014102	GAricidea		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		
5517020201	Corbula contracta	4				50			
5922	Acarina	4				50			
6119	AHarpacticoida				4				50
61190902	*Halectinosoma	4				50			
6119150703	Normanella confluens			4	4			50	50
6119180101	Nitocra				4				50
6119180199	+Nitocra reducta			4				50	
6119270104	Cletodes tenuipes	4				50			
6119280799	+Haloschizopera junodi			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	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			
3450540102	Eggerella bradyi		6				75		
345201	Miliolacea	2				25			
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	4			273	50	
3454610299	?Nonionella basiloba	404	814	312	800	5022	10118	3878	9944
3901	Turbellaria	4	24	4		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				50
47030501	GLeptolaimus		4	4	4		50	50	50
470401	Linhomoeidra		29	4			360	50	
47040103	GTerschellingia	12	25	4	12	149	311	50	149
47040301	GSphaerolaimus	4			4	50			50
47040403	GTheristus	4	37		8	50	460		99
47050201	Microlaimus		58	8	72		721	99	895
470503	Desmodoridae	4	12		20	50	149		249
47050305	Eubostrichus		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
470512	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	GOxystomina				4				50
471114	Oncholaimidae				8				99
5001220201	Sigambra tentaculata		12		4		149		50
50014102	GAricidea		4				50		
5001500307	Tharyx marioni		4				50		
5001520103	Cossura delta			4				50	
6119280903	Stenhelia mastigochaeta		4				50		

780804Pw2000206 T.B MEIOFAUNA - 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	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	
34533B0199	?Bulliminella 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 sagra			4				50	
3453670199	?Cibicides concentricus	6	4			75	50		
3454250101	Ammonia beccarii				5				62
3454520203	Fursenkoina pontoni		4				50		
3454520299	?Fursenkoina complanata	504	408	96	198	6265	5071	1193	2461
3454610199	?Florilus atlanticus	6				75			
3454610299	?Nonionella basiloba	392	380	116	572	4873	4723	1442	7110
359999	?Holophryidae		4				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	Linhomoeidra	4			4	50			50
47040103	GTerschellingia	8	4		8	99	50		99
47040301	GSphaerolaimus	12		4		149		50	
47040403	GTheristus			8	8			99	99
47050201	Microlaimus	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	GHalalaimus	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		25	
5001600402	Mediomastus californiensis		4				50		
5922	Acarina	4				50			
6118290104	Acartia tonsa		92				1144		
61200501	GErgasilus				4				50
6120050199	?Ergasilus megaceros		4				50		
6169371401	Synchelidium americanum		4				50		

780805SN0500286 T.B MEIOFAUNA - TAXONOMY BLM2B6C2 01/03/80 08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453420109	Bolivina lowmani		2	2			25	25	
3454250101	Ammonia beccarii	4		6		50		75	
3454610299	?Nonionella basiloba	4				50			
3901	Turbellaria			2				25	
43	Rhynchocoela			4				50	
47030201	Campylaimus			2	2			25	25
47030404	GParodontophora	4	6	26	13	50	75	323	162
47030501	GLeptolaimus	2		21	19	25		261	236
470401	Linhomoeidra			10	4			124	50
47040103	GTerschellingia			2				25	
470404	Monhysteridae	2	2			25	25		
47040403	GTheristus		4	2	2		50	25	25
47051001	GDorylaimopsis			38	15			472	186
47051002	GSabatieria	44	86	162	135	547	1069	2014	1678
47051004	Metacomesoma	4	8	14		50	99	174	
47051005	Paracomesoma			5				62	
470512	Cyatholaimidae	8	14	26	23	99	174	323	286
47060202	Tricoma		2	2			25	25	
47110902	GOxystomina			5				62	
471114	Oncholaimidae			5	2			62	25
471199	?Enchelidiidae			2				25	
5001220201	Sigambra tentaculata			4	4			50	50
6117	Copepoda	216	16	16	20	2685	199	199	249
6118040102	Paracalanus crassirostris	14	4			174	50		
6118200304	Temora turbinata	2				25			
6118290104	Acartia tonsa	14	4	2		174	50	25	
6120090198	?Oithona colcarva	10		4		124		50	

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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		
3453380101	Buliminella elegantissima	6		6		75		75	
3453380199	?Buliminella morgani	2				25			
3453420109	Bolivina lowmani	6	2	4		75	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	GParodontophora	79	103	56	179	982	1280	696	2225
470305	Leptolaimidae		38				472		
47030501	GLeptolaimus	64	71	23	26	796	883	286	323
470401	Linhomoeidra	29	38	10	47	360	472	124	584
47040103	GTerschellingia			10	5			124	62
47040301	GSphaerolaimus	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	Metacomesoma	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	Tricoma		11				137		
471109	Oxystominidae			3				37	
47110902	GOxystomina	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			10				124		
3453360101	Buliminella elegantissima		2				25			
3453360199	?Buliminella morgani	2	2	2	10	25	25	25	124	
3453420109	Bolivina lowmani	6		2	4	75		25	50	
3453670199	?Cibicides concentricus				2				25	
3454610299	?Nonionella basiloba				16				199	
47040103	GTerschellingia		2				25			
47050201	Microlaimus			2				25		
47051001	GDorylaimopsis				6				75	
47051002	GSabatieria	2	2			25	25			
6117	Copepoda	4	4	2	2	50	50	25	25	
6118290104	Acartia tonsa			2				25		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
348501	Gromiidae	6		20		75		249	
3450120499	?Lagenammina comprima	2				25			
3450540102	Fagerella bradyi			2				25	
3453380101	Bulliminella elegantissima		6				75		
3453380199	?Bulliminella morgani	10		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	CTerschellingia	2				25			
47050305	Eubostrichus	2				25			
47051001	GDorylaimopsis	4				50			
6120	ACyclopoida	2				25			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4				50			
3450120498	?Lagenammina difflugiformis		2		2		25		25
3450120499	?Lagenammina comprima		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	Bolivina lowmani	2	6			25	75		
3454250101	Ammonia beccarii	2				25			
3454610299	?Nonionella basiloba	18	14		2	224	174		25
3901	Turbellaria				2				25
470401	Linhomoeidra		2				25		
47040103	GTerschellingia	2				25			
47040403	GTheristus				4				50
470503	Desmodoridae		2				25		
47050305	Eubostrichus		2				25		
47051001	GDorylaimopsis		2				25		
470512	Cyatholaimidae		4				50		
470513	Choniolaimidae		2				25		
47060201	Desmoscolex		2				25		
47060202	Tricoma		2		2		25		25
5001410301	Paragonis gracilis	2				25			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4		44	2	50		547	25
3450120499	?Lagenammina comprima		4	4			50	50	
3450250107	Reophax scottii			13				162	
3450540102	Eggerella bradyi			4	2			50	25
3453380199	?Bulliminella morgani	2	4	757	78	25	50	9410	970
3453420109	Bolivina lowmani	2		4	2	25		50	25
3453420110	Bolivina striatula			4				50	
3453480103	Uvigerina parvula		2				25		
3453530101	Cancris 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	GLeptolaimus			4				50	
470401	Linhomoeidra	4				50			
47040103	GTerschellingia			8				99	
47040301	GSpheerolaimus	11				137			
47040403	GTheristus			4				50	
470503	Desmodoridae		4				50		
47051001	GDorylaimopsis	2				25			
47051002	GSabatieria			8				99	
470512	Cyatholaimidae			4				50	
470513	Choniolaimidae		2				25		
47060202	Tricoma		2	40			25	497	
5001520103	Cossura delta			4				50	
6118040102	Paracalanus crassirostris			4				50	

344501	Gromiidae	8	16	16	20	99	199	199	249
3450120499	?Lagenammina comprima	4	4	16		50	50	199	
3450250107	Reophax scottii			4	15			50	186
3450450199	+Textularia mexicana			4				50	
3450540102	Eggerella bradyi	4	32		20	50	398		249
345201	Miliolacea			4				50	
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				25		
3454250101	Ammonia beccarii		2	4	10		25	50	124
3454520299	?Fursenkoina complanata	12	2	16	10	149	25	199	124
3454610299	?Nonionella basiloba	296	98	412	667	3679	1218	5121	8291
3901	Turbellaria		4		8		50		99
43	Rhynchocoela			24				298	
47030404	GParodontophora		2				25		
47030501	GLeptolaimus	4	2	4		50	25	50	
470401	Linhomoeidra	8		12	12	99		149	149
47040103	GTerschellingia	12	4		8	149	50		99
47040301	GSphaerolaimus				8				99
470404	Monhysteridae				8				99
47040403	GTheristus			8				99	
47050201	Microlaimus	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	Metacomesoma			4				50	
470512	Cyatholaimidae	4		12	20	50		149	249
470513	Choniolaimidae				4				50
47060201	Desmoscolex				4				50
47060202	Tricoma			2	8		25		99
5001600306	Notomastus latericeus			4				50	
6119280799	+Haloschizopera junodi			2			25		
61192809	GStenhelia				2			25	

Code	Organism name	A	B	C	D	A/a	B/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	Bulliminella elegantissima	4				50			
3453380199	?Bulliminella morgani	752	722	276	832	9347	8974	3431	10342
3453420109	Bolivina lowmani	16	4	84		199	50	1044	
3453460202	Bulimina marginata	4	9			50	112		
3454250101	Ammonia beccarii	4	9	52	8	50	112	646	99
3454300109	Elphidium gunteri		4	4			50	50	
3454520299	?Fursenkoina complanata	4	9			50	112		
3454610299	?Nonionella basiloba	404	774	80	136	5022	9621	994	1690
43	Rhynchocoela		12				149		
47030404	GParodontophora				4				50
470401	Linhomoeidra	8				99			
47040103	GTerschellingia		4				50		
470404	Monhysteridae	24				298			
47040403	GTheristus			4				50	
47050201	Microlaimus	4	4			50	50		
470503	Desmodoridae	4				50			
47051001	GDorylaimopsis	36	16		20	447	199		249
47051002	GSabatieria				4				50
470512	Cyatholaimidae	12		4		149		50	
61100902	*Halectinosoma	4				50			

780809SN05002B6 T.B 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	10	4			124	50		
3450450103	Textularia earlandi		4				50		
3453380199	?Buliminella morgani	210	1050		16	2610	13052		199
3453420109	Bolivina lowmani	14	4		2	174	50		25
3453530101	Cancris sagra		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	GParodontophora	2	8			25	99		
470401	Linhomoeidra		4				50		
47040403	GTheristus	14	16		2	174	199		25
47050201	Microlaimus			2				25	
470505	Ceramonematidae	4				50			
47051001	GDorylaimopsis			2	2			25	25
47051002	GSabatieria	24	76			298	945		
470512	Cyatholaimidae	4	8		4	50	99		50
47060201	Desmoscolex	2	8			25	99		
47060202	Tricoma	10	12			124	149		
5001600306	Notomastus latericeus				4				50
50016702	GAmpharete	4				50			
6117	Copepoda	10	8	8	4	124	99	99	50
611R040102	Paracalanus crassirostris			2				25	
6118290104	Acartia tonsa			2				25	
6119281001	Typhlamphiascus lamellifer		4				50		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3450120499	?Lagenammina comprima		2				25		
3453380199	?Rhuliminella morgani	2	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	GRdontophora			6				75	
47030404	GParodontophora			10				124	
47030501	GLeptolaimus		2				25		
47040402	GMonhystera			2				25	
47040403	GTheristus			6				75	
470503	Desmodoridae			2				25	
470505	Ceramonematidae			10				124	
47051002	GSabatieria		6	16			75	199	
47051006	Laimella		2				25		
470512	Cyatholaimidae	2				25			
47060201	Desmoscolex	2				25			
47060202	Tricoma			4	2			50	25
47110901	GHalalaimus			4				50	
5001410301	Paraonis gracilis	2		2		25		25	
5001600306	Notomastus latericeus			2				25	
6117	Copepoda	2				25			
6119281001	Typhlamphiascus lamellifer			2				25	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	22	42	24	36	273	522	298	447
3450120499	?Lagenammina comprima				4				50
3450450201	Bigenerina irregularis				4				50
3450540102	Eggerella bradyi				4				50
3453380101	Buliminella elegantissima				4				50
3453380199	?Buliminella morgani				132				1641
3453420109	Bolivina lowmani				64				796
3453670199	?Cibicides concentricus				20				249
3454250101	Ammonia beccarii		2		24		25		298
3454610299	?Nonionella basiloba	2			212	25			2635
359999	?Holophryidae				4				50
43	Rhynchocoela				4				50
47	Nematoda			2				25	
470304	Axonolaimidae		2				25		
47030404	GPerodontophora				8				99
470401	Linhomoeidae		2	6	28		25	75	348
47040103	GTerschellingia	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	Microlaimus		2				25		
470503	Desmodoridae			4				50	
47050305	Eubostrichus	8	4	12		99	50	149	
470505	Ceramonematidae				4				50
470510	Comesomatidae		4				50		
47051001	GDorylaimopsis		4	8	4		50	99	50
47051002	GSabatieria	38	40	60	196	472	497	746	2436
47051004	Metacomesoma	26	8	36	16	323	99	447	199
47051005	Paracomesoma	10		2	4	124		25	50
47051006	Laimella			4	4			50	50
470511	Chromadoridae		2		72		25		895
47051104	GHypodontolaimus				24				298
470512	Cyatholaimidae	6	4	14	32	75	50	174	398
470513	Choniolaimidae		2	2	12		25	25	149
47060201	Desmoscolex		2				25		
47060202	Tricoma	2			12	25			149
47110901	GHalalaimus	2				25			
47110902	GOxystomina	2				25			
471114	Oncholaimidae	2				25			
5001220201	Sigambra tentaculata	2			12	25			149
50014102	GAricidea				4				50
5922	Acarina		4				50		
6119270406	Enhydrosoma hopkinsi	2			4	25			50
8717	Osteichthyes				4				50

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	78	28	104	42	970	348	1293	522
3450120499	?Lagenammina comprima	4	8	6	10	50	99	75	124
3450320401	Ammoscalaria pseudospiralis		4	2			50	25	
3450450199	+Textularia mexicana		8				99		
3450450201	Bigenerina irregularis			10	10			124	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 marginata		16				199		
3453530101	Cancris sagra		4				50		
3453540699	+Discorbis nitida		8	2			99	25	
3453670199	?Cibicides concentricus		28		36		348		447
3454250101	Ammonia beccarii		16	8	26		199	99	323
3454300109	Elphidium gunteri				4				50
34545202	GFursenkoina		4				50		
34545220299	?Fursenkoina complanata				4				50
3454610299	?Nonionella basiloba		428	184	214		5320	2287	2660
3529	Ciliatea peritrichia	2				25			
3701	Hydrozoa	2				25			
3901	Turbellaria			6				75	
43	Rhynchocoela	6	4		2	75	50		25
46010102	Trochydemus				2				25
46020101	Echinoderes				2				25
47	Nematoda	2		5		25		62	
470304	Axonolaimidae	2	4			25	50		
47030404	GParodontophora	2				25			
470305	Leptolaimidae	2		2		25		25	
47030501	GLeptolaimus	9	4		2	112	50		25
47030703	GCamacolaimus	2				25			
470401	Linhomoeidae	26	32	29	8	323	398	360	99
47040103	GTerschellingia	7	8	34	14	87	99	423	174
47040301	GSphaerolaimus			2				25	
470404	Monhysteridae		8	2			99	25	
47040402	GMonhystera	5				62			
47040403	GTheristus	51	68	44	18	634	845	547	224
47040501	Siphonolaimus				4				50
470503	Desmodoridae			2				25	
47050305	Eubostrichus	2	8	12	8	25	99	149	99
470505	Ceramonematidae	2	8	2		25	99	25	
47051001	GDorylaimopsis	2	36	27	12	25	447	336	149
47051002	GSabatieria	42	136	137	46	522	1690	1703	572
47051004	Metacomesoma	16	40	34	20	199	497	423	249
47051005	Paracomesoma	2	4		4	25	50		50
47051006	Laimella	5		2		62		25	
470511	Chromadoridae	40	28	2	4	497	348	25	50
47051109	GHypodontolaimus	2		7	4	25		87	50
470512	Cyatholaimidae	47	20	54	12	584	249	671	149
470513	Chromadoridae	2		2	2	25		25	25
47060201	Desmoscolex		4				50		
47060202	Tricoma	14	4	12	4	174	50	149	50
47110901	GHalalaimus	2	4		2	25	50		25
471114	Uncholaimidae			5				62	
5001220201	Sigambra tentaculata	4	4	4		50	50	50	
50018102	GAricidea			4				50	
5001410301	Paraonis gracilis			2				25	
6117	Copepoda			4				50	
6118290104	Acartia tonsa			2				25	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	6	8	4	10	75	99	50	124
3450120498	?Lagenammina difluqiformis			2				25	
3450540102	Eggerella bradyi			2				25	
345201	Miliolacea				2				25
3453380101	Buliminella elegantissima				2				25
3453380199	?Buliminella morgani	2	2	6	12	25	25	75	149
3453420109	Bolivina lowmani	26	2	4	8	323	25	50	99
3453670199	?Cibicides concentricus				8				99
3454250101	Ammonia beccarii			8	14			99	174
3454610299	?Nonionella basiloba		6	8	22		75	99	273
3901	Turbellaria	2			2	25			25
43	Rhynchocoela				2				25
47	Nematoda			4				50	
470401	Linhomoeidra	8	24	2	2	99	298	25	25
47040103	GTerschellingia		12	2	2		149	25	25
470404	Monhysteridae			2	4			25	50
47040403	GTheristus	18	132	8	6	224	1641	99	75
47050201	Microlaimus	2	8	2	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	Metacomesoma	2	44			25	547		
47051005	Paracomesoma	2	4	6		25	50	75	
47051006	Laimella		16				199		
470511	Chromadoridae	4	16			50	199		
47051104	GHypodontolaimus			4	4			50	50
470512	Cyatholaimidae		68	10	14		845	124	174
470513	Choniolaimidae				2				25
47060201	Desmoscolex	2	4			25	50		
47060202	Tricoma	4				50			
471109	Oxystominidae				2				25
47110901	GHalalaimus		4	2	2		50	25	25
471114	Oncholaimidae	2			2	25			25
471199	?Enchelidiidae				4				50
5001220201	Sigambra tentaculata		12		2		149		25
5001410301	Paraonis gracilis				2				25
5001500307	Tharyx marioni	2				25			
5502020204	Nucula proxima	2				25			
5922	Acarina	30	48	2		373	597	25	
6117	Copepoda				2				25
6119270406	Enhydrosoma hopkinsi				2				25
6120090198	?Oithona colcarva	2				25			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
34	Protozoa I				2				25
344501	Gromiidae	64	68	92	20	796	845	1144	249
3450120499	?Lagenammina comprima			4	2			50	25
3450320401	Ammoscalaria pseudospiralis			4				50	
3450450201	Bigenerina irregularis	12	8	36		149	99	447	
3450540102	Eggerella bradyi	40	12		2	497	149		25
345201	Miliolacea	20	12	32	8	249	149	398	99
3453380101	Buliminella elegantissima	8		40	2	99		497	25
3453380199	?Buliminella morgani	136	108	172	33	1690	1342	2138	410
3453420109	Bolivina lowmani	228	36	412	15	2834	447	5121	186
3453460202	Bulimina marginata		12				149		
3453480103	Uvigerina parvula	12				149			
3453540699	+Discorbis nitida	8				99			
3453670199	?Cibicides concentricus	92	44	40	4	1144	547	497	50
3454250101	Ammonia beccarii	36	12	28	10	447	149	348	124
34545202	GFursenkoina			4				50	
3454520299	?Fursenkoina 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		4		162		50	
470503	Desmodoridae	7		12	4	87		149	50
47050305	Eubostrichus	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		4	4			50	50	
47051006	Laimella		8				99		
470511	Chromadoridae	7	20	36		87	249	447	
470512	Cyatholaimidae	127	24	12	8	1579	298	149	99
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	Paraonis gracilis				2				25
5001600306	Notomastus latericeus			4				50	
5002	Archiannelida				2				25
6119270406	Enhydrosoma hopkinsi	4				50			

344501	Gromiidae	10	4	4	10	124	50	50	124
3450120499	?Lagenammina comprima			4				50	
3450540102	Eggerella bradyi			2				25	
3453380101	Buliminella elegantissima		4	8			50	99	
3453380199	?Buliminella morgani	102	256	80	126	1268	3182	994	1566
3453420109	Bolivina lowmani	20	64	24	4	249	796	323	50
3453420110	Bolivina striatula	12	16		12	149	199		149
3453460202	Bulimina marginata	4	4	4		50	50	50	
3453540699	+Discorbis nitida		4				50		
3453670199	?Cibicides concentricus	2	4		2	25	50		25
3454250101	Ammonia beccarii	32	72	18	18	398	895	224	224
34545202	GFursenkoina	6	20			75	249		
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	Rhynchocoela			2				25	
47030201	Campylaimus		4				50		
47030501	GLeptolaimus		4				50		
470401	Linhomoeidae	44	64	8	2	547	796	99	25
47040103	GTerschellingia	4	12	2		50	149	25	
47040301	GSphaerolaimus		4				50		
47040403	GTheristus	2	8			25	99		
47050305	Eubostrichus	4	4			50	50		
47051001	GDorylaimopsis	6		2	4	75		25	50
47051002	GSabatieria	26	20	6	10	323	249	75	124
47051004	Metacomesoma	26	16		4	323	199		50
47051006	Laimella		8				99		
470512	Cyatholaimidae		4				50		
470513	Chromadoridae	4	4	4		50	50	50	
47060202	Tricoma	4	12			50	149		
471199	?Enchelidiidae	2				25			
5001220201	Sigambra tentaculata				2				25
5001600306	Notomastus latericeus	2				25			
5922	Acarina		4				50		
6120090198	?Oithona colcarva		4				50		

344501	Gromiidae	8	62	4	28	99	771	50	348
3450120499	?Lagenammina comprima				6				75
3450320401	Ammoscalaria pseudospiralis		2				25		
3450540102	Eggerella bradyi		2		6		25		75
3453380101	Buliminella elegantissima		6	2			75	25	
3453380199	?Buliminella morgani	28	132		160	348	1641		1989
3453420109	Bolivina lowmani	10	44		18	124	547		224
3453420110	Bolivina striatula		2		8		25		99
3453460202	Bulimina marginata	2	2			25	25		
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii	12	36	14	22	149	447	174	273
3454300109	Elphidium gunteri		4				50		
34545202	GFursenkoina		4				50		
3454520299	?Fursenkoina complanata	4	8		4	50	99		50
3454610299	?Nonionella basiloba	92	224	4	298	1144	2788	50	3704
470401	Linhomoeidra	12	2			149	25		
47040103	GTerschellingia				2				25
47040403	GTheristus			2				25	
47050305	Eubostrichus		2				25		
47051002	GSabatieria	4	2			50	25		
470512	Cyatholaimidae	2				25			
6120090198	?Oithona colcarva				2				25

3453420109	Bolivina lowmani			2				25		
5922	Acarina		2	48	46		25	597	572	
6117	Copepoda	14	2	12	8	174	25	149	99	
6118040102	Paracalanus crassirostris	4				50				
6118290104	Acartia tonsa	10	2	4		124	25	50		
61190902	*Halectinosoma	2				25				
6120090198	?Oithona colcarva	6				75				

344501	Cromiidae			12					149
3453380199	?Buliminella morgani		4	4	48		50	50	597
3453420109	Bolivina lowmani		4				50		
3454610299	?Nonionella basiloba				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		4				50		
6117	Copepoda	4	2		2	50	25		25
6118290104	Acartia tonsa		2				25		
6120090198	?Oithona colcarva		2				25		

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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				25			
3454610299	?Nonionella basiloba	2	2		4	25	25		50
47050201	Microlaimus		6	2			75	25	
47051001	GDorylaimopsis		2		2		25		25
47051002	GSabatieria		6	4			75	50	
47051006	Laimella			2				25	
47051104	GHypodontolaimus			2				25	
470512	Cyatholaimidae		2				25		
471109	Oxystominidae			8				99	
6117	Copepoda			4	2			50	25

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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	?Lagenammina comprima			2				25	
3450450201	Biaenerina irregularis				2				25
3450540102	Eggerella bradyi			2	2			25	25
3453380199	?Buliminella morgani	28	248	28	118	348	3083	348	1467
3453420109	Bolivina lowmani	4				50			
3453460202	Hulimina marginata				2				25
3453670199	?Cibicides concentricus	2				25			
3454250101	Ammonia beccarii				2				25
3454520299	?Fursenkoina complanata			8				99	
3454610199	?Florilus atlanticus		6		6		75		75
3454610299	?Nonionella basiloba	10	46	6	12	124	572	75	149
470304	Axonolaimidae		2				25		
47030501	GLeptolaimus			2				25	
470401	Linhomoeidra			2	2			25	25
47040103	GTerschellingia		2				25		
47040403	GTheristus		2	6	6		25	75	75
47050201	Microlaimus		4	6	2		50	75	25
470503	Desmodoridae	2		2		25		25	
47050305	Eubostrichus				2				25
47051001	GDorylaimopsis	8	12	4	10	99	149	50	124
47051002	GSabatieria	4	20	8	12	50	249	99	149
47051004	Metacomesoma		2				25		
470511	Chromadoridae	6	2	2		75	25	25	
470512	Cyatholaimidae		2				25		
470513	Choniolaimidae		2				25		
47060202	Tricoma			2	2			25	25
471109	Oxystominidae		4				50		
47110902	GOxystomina	2				25			
5001600306	Notomastus latericeus		2		2		25		25
5922	Acarina		2				25		
6117	Copepoda		2				25		
6118	ACalanoida			6				75	
6118040102	Paracalanus crassirostris	2				25			
6118170104	Centropages furcatus		2				25		
61192704	GEnhydrosoma								

344501	Gromiidae			2				25
3454610299	?Nonionella basiloba	2			25			
43	Rhynchocoela	6			75			
470401	Linhomoeidra			2				25
47040301	GSphaerolaimus	2	4		25	50		
47040403	GTheristus	2	2	6	25	25	75	
470503	Desmodoridae	6			75			
470505	Ceramonematidae	2			25			
47051001	GDorylaimopsis		4			50		
47051002	GSabatieria	12	10	4	149	124	50	
470513	Choniolaimidae	2			25			
47060202	Tricoma	2			25			
47110901	GHalalaimus	4	4		50	50		
471111	Phanodermatidae	4		2	50		25	
50014102	GAricidea		2			25		
5001600306	Notomastus latericeus			2				25
61132001	GParadoxostoma	2			25			
6119270104	Cletodes tenuipes	2			25			
611928	Diosaccidae	4		2	50			25
6119281001	Typhlamphiascus lamellifer		2			25		

344501	Gromiidae	4	18			50	224						
3450120499	?Lagenammina comprima		6				75						
3450320401	Ammoscalaria pseudospiralis		2				25						
3450450201	Bigenerina irregularis		2				25						
345201	Miliolacea		6				75						
34533A0101	Bulliminella elegantissima		2				25						
34533A0199	?Bulliminella morgani	2	136	2		25	1690	25					
3453420109	Bolivina lowmani	4				50							
3453460202	Bulimina marginata			2				25					
3454520203	Fursenkoina pontoni		6				75						
3454520299	?Fursenkoina complanata		2				25						
3454610199	?Florilus atlanticus		12				149						
3454610299	?Nonionella basiloba		68		2		845		25				
43	Rhynchocoela	8	2		4	99	25		50				
46020101	Echinoderes	2			2	25			25				
470304	Axonolaimidae		2	2	4		25	25	50				
470401	Linhomoeidra			2	2			25	25				
47040301	GSphaerolaimus		6				75						
470404	Monhysteridae	2				25							
47040403	GTheristus	2	4	2	2	25	50	25	25				
47050201	Microlaimus		6		2		75		25				
470503	Desmodoridae		18		6		224		75				
470505	Ceramonematidae	2	6		2	25	75		25				
470506	Monoposthiidae	2				25							
47051001	GDorylaimopsis	4		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		6		2		75		25				
5002	Archiannelida		2				25						
61190902	*Halectinosoma	4				50							
61192801199	+Haloschizopera junodi	4				50							
61192801001	Typhlamphiascus lamellifer		2				25						
612018	Sabellinhilidae	2				25							

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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	
3453380199	?Buliminella morgani	16		2	491	199		25	6103
3453420109	Bolivina lowmani		2		28		25		348
3453670199	?Cibicides concentricus	2			8	25			99
3454250101	Ammonia beccarii			2	12			25	149
3454520203	Fursenkoina pontoni				129				1603
3454520299	?Fursenkoina complanata				8				99
3454610199	?Florilus atlanticus	10		6	455	124		75	5656
3454610299	?Nonionella basiloba	2			2	25			25
3901	Turbellaria				12				149
470304	Axonolaimidae				4				50
470401	Linhomoeidae				8				99
47040103	GTerschellingia		2	2	4		25	25	50
47040301	GSabaerolaimus				4				50
470404	Monhysteridae				24				298
47040403	GTheristus	28	10	9	12	348	124	112	149
47050201	Microlaimus				84				1044
470503	Desmodoridae	4			4	50			50
47050305	Eubostrichus				4				50
470505	Ceramonematidae				12				149
47051001	GDorylaimopsis				48				597
47051002	GSabatieria				4				50
47051004	Metacomesoma				4				50
47051006	Laimella				4				50
470512	Cyatholaimidae				4				50
470513	Choniolaimidae			2	4			25	50
47060201	Desmoscolex				12				149
47060202	Tricoma				68				845
47110901	GHalalaimus				4				50
5002	Archiannelida				4				50
6117	Copepoda				4				50
611909	Ectinosomidae				8				99
61190902	*Halectinosoma			2	8			25	99
61190902	GEctinosoma				44				547
61192704	GEnhydrosoma	2			2	25			25
6119270406	Enhydrosoma hopkinsi				4				50
6119280604	Robertgurneya diversa				4				50

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	2	22	36	50	25	273	447
3450120499	?Lagenammina comprima				8				99
3450250107	Reophax scottii	2		2		25		25	
3450450201	Bigenerina irregularis				4				50
3450540102	Eggerella bradyi	2				25			
3453380101	Auliminella elegantissima				4				50
3453380199	?Auliminella morgani	226	4	148	224	2809	50	1840	2784
3453420109	Bolivina lowmani	12		2		149		25	
3453420110	Bolivina striatula	4		4	8	50		50	99
3453460202	Aulimina marginata		2				25		
3453480299	?Trifarina bella	2				25			
3455530101	Cancris sagra			2				25	
3455670199	?Cibicides concentricus	2		2	12	25		25	149
3456250101	Ammonia beccarii	10			4	124			50
3456520203	Fursenkoina pontoni				16				199
3456520299	?Fursenkoina complanata	64		24	12	796		298	149
3456610199	?Florilus atlanticus				8				99
3456610299	?Nonionella basiloba	112	2	88	88	1392	25	1094	1094
43	Rhynchocoela			4	4			50	50
470304	Axonolaimidae				8				99
47030404	GParodontophora			2	4			25	50
47031001	GBathylaimus	2				25			
470401	Linhomoeidae			4	16			50	199
47040103	GTerschellingia	4	2	2	8	50	25	25	99
47040301	GSphaerolaimus		2	2	4		25	25	50
47040403	GTheristus	2		4	28	25		50	348
47050201	Microlaimus	28		24	28	348		298	348
470503	Desmodoridae	16		10	16	199		124	199
47050305	Eubostrichus	2		14	8	25		174	99
470505	Ceramonematidae	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	Metacomesoma				4				50
470511	Chromadoridae				4				50
47051104	GHypodontolaimus		2		4		25		50
470512	Cyatholaimidae			14	20			174	249
470513	Choniolaimidae			2	4			25	50
47060201	Desmoscolex	2	2	4		25	25	50	
47060202	Tricoma	14		8	36	174		99	447
471109	Oxystominidae	2				25			
47110901	GHalalaimus		2		16		25		199
47110902	GOxystomina		2	4			25	50	
471114	Oncholaimidae			2				25	
5001210103	Gyptis vittata	2				25			
50014102	GAricidea	2		2		25		25	
5001500307	Tharyx marioni	2				25			
5001580204	Armandia maculata				4				50
5001600506	Notomastus latericeus	4			16	50			199
5001600402	Mediomastus californiensis			2	12			25	149
5517020201	Corbula contracta				12				149
611909	Ectinosomidae				4				50
61190902	+Halectinosoma				8				99
61190902	GEctinosoma		2				25		
6119270102	Cletodes dissimilis		2				25		
6119280799	+Haloschizopera junodi				4				50
61192811	Pseudomesochra				8				99

780817SN0500286 T.B MEIOFAUNA - TAXONOMY BLM2H6C2 01/03/80 08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	6			2	75			25
34533801O1	Buliminella elegantissima	4			6	50			75
34533801 99	?Buliminella morgani		4				50		
34546102 99	?Nonionella basiloba		2		2		25		25
4703	Chromadoria araeolaimida	2			2	25			25
470304	Axonolaimidae	2			2	25			25
470401	Linhomoeidae				2				25
47050201	Microlaimus				4				50
470503	Desmodoridae	2			6	25			75
470505	Ceramonematidae	2				25			
470506	Monoposthiidae				2				25
47051002	GSabatieria	16	4	2	2	199	50	25	25
470513	Choniolaimidae				6				75
47110901	GHalalaimus	4				50			
47110902	GOxystomina				2				25
471114	Oncholaimidae				4				50
471199	?Enchelidiidae	2				25			
50014102	GAricidea	4			2	50			25
5001600402	Mediomastus californiensis				6				75
5922	Acarina	2				25			
61132001	GParadoxostoma				2				25
6117	Copepoda				5				55
61190902	*Halectinosoma				5				55
611927	Cletodidae				5				55
6119270405	Enhydrosoma lacunae				5				25
611928	Diosaccidae	4		2	14	50		25	174
6119280601	Robertgurneya rostrata				4				50
6119280799	+Haloschizopera junodi				4				50
6119280902	Stenhelia reflexa				2				25

780818SN0500286 T,B MEIOFAUNA - 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	4	6		10	50	75		124
3450450199	+Textularia mexicana		2				25		
34533801 99	?Bulliminella morgani		6	2	2		75	25	25
3453420109	Bolivina lowmani			2	4			25	50
3453670199	?Cibicides concentricus		8				99		
43	Rhynchocoela		2				25		
470401	Linhomoeidra			6				75	
47040301	GSphaeroleimus			2				25	
47040403	GTheristus			2				25	
47051001	GDorylaimopsis	4		2		50		25	
47051002	GSabatieria	4		12	12	50		149	149
47051006	Leimella	2	2		2	25	25		25
470512	Cyatholaimidae	2		6	10	25		75	124
470513	Chromadoridae		6		2		75		25
6117	Copepoda		8				99		

780818SN2000286 T.B METOFAUNA - 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		2		6		25		75
3450120499	?Lagenammina comprima				2				25
3453380199	?Buliminella morgani	16	88	64	156	199	1094	796	1939
3453420109	Bolivina lowmani		6	4	4		75	50	50
3453460202	Bulimina marginata			4	4			50	50
3453670199	?Cibicides concentricus		8	2	12		99	25	149
3454610199	?Florilus atlanticus		6		6		75		75
3454610299	?Nonionella basiloba	2		8	8	25		99	99
3901	Turbellaria				4				50
43	Rhynchocoela				4				50
46020101	Echinoderes	4			4	50			50
47	Nematoda		2				25		
470304	Axonolaimidae				2				25
47030404	GParodontophora			2	2			25	25
470305	Leptolaimidae			2				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	GTheristus	2	2	6	4	25	25	75	50
470503	Desmodoridae	10	2	10	2	124	25	124	25
470505	Ceramonematidae		4	4	2		50	50	25
47051001	GDorylaimopsis	2	4	20	26	25	50	249	323
47051002	GSabatieria	48	6	42	46	597	75	522	572
47051006	Laimella	2			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	Tricoma	4		8	2	50		99	25
471103	Tronidae				2				25
471109	Oxystominidae		4				50		
47110901	GHalalaimus				4				50
47110902	GOxystomina				2				25
471114	Oncholaimidae			4	2			50	25
5001220201	Sigambra tentaculata				2				25
50014102	GAricidea	2	2		2	25	25		25
5001520103	Cossura delta	2	2	2	2	25	25	25	25
5001600402	Mediomastus californiensis				2				25
510335	Vermetidae				2				25
6117	Copepoda				8				99
61190902	*Halectinosoma				2				25
6119270406	Enhydrosoma hopkinsi		2				25		

780819SM05002R6 T.B 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	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				25			
47030402	GOdontophora	2			4	25			50
470310	Tripyloididae	4	11	2		50	137	25	
470401	Linhomoeidra	10	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	Microlaimus		11	4			137	50	
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	8	50	522	25	99
470506	Monoposthiidae	2		2	12	25		25	149
47050701	Richtersia	2			2	25			25
47051002	GSabatieria				2				25
47051005	Paracomesoma	48	53		4	597	659		50
470511	Chromadoridae	2	53	10	4	25	659	124	50
47051104	GHypodontolaimus			2				25	
470512	Cyatholaimidae	26	85	2	4	323	1057	25	50
470513	Choniolaimidae	14	95		8	174	1181		99
47110901	GHalalaimus			2				25	
471112	Enoplidae	4	21		2	50	261		25
471114	Oncholaimidae	58	435	22		721	5407	273	
47111405	GOncholaimus				38				472
6117	Copepoda			2				25	

7A0819SN2000286 T.8 MEIOFAUNA - TAXONOMY BLM2B6C2 01/03/80 08:27:48

Code	Organism name	A	B	C	D	A/a	H/a	C/a	D/a
344501	Gromiidae	2				25			
3901	Turbellaria	5	2		4	55	25		50
470304	Axonolaimidae	3	2			37	25		
47030402	GOdontophora	3				37			
470310	Tripyloididae	3				37			
470401	Linhomoeidra	3	2	5	2	37	25	62	25
47040403	GTheristus	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	66	20	1094	348	820	249
47050401	Dasynemella	9	2	15	4	112	25	186	50
470505	Ceramonematidae	6		20	2	75		249	25
470506	Monoposthiidae	6	4		2	75	50		25
47051005	Paracomesoma	3	2	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		721
47111405	GOncholaimus			587				7296	
6117	Copepoda	20	4	2		249	50	25	
61190902	*Halectinosoma			6				75	

780820SN05002B6 T.B MEIOFAUNA - 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	12	28	16	298	149	348	199
3450120499	?Lagenammina comprima				2				25
3450450201	Bigenerina irregularis				2				25
3450540102	Eggerella bradyi		4				50		
345201	Miliolacea	2		4		25		50	
3453380101	Buliminella elegantissima	2				25			
3453380199	?Buliminella morgani	156	130	376	160	1939	1616	4674	1989
3453420109	Bolivina lowmani	16	16	4	26	199	199	50	323
3453460202	Bulimina marginata				4				50
3453480103	Uvigerina pervula	2				25			
3453540699	+Discorbis nitida		4				50		
3453670199	?Cibicides concentricus	2	4		4	25	50		50
3454250101	Ammonia beccarii	12	8		2	149	99		25
3454300109	Elphidium gunteri	2		4		25		50	
34545202	GFursenkoina				6				75
3454520299	?Fursenkoina complanata			4				50	
3454610299	?Nonionella basiloba	304	256	508	258	3779	3182	6314	3207
46020101	Echinoderes			4				50	
47	Nematoda				2				25
470304	Axonolaimidae				2				25
470401	Linhomoeidra	32	36		10	398	447		124
47040103	GTerschellingia	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	Microlaimus		4				50		
470503	Desmodoridae				8				99
47050301	GMetachromadora		4				50		
47050305	Eubostrichus	22	16	8	2	273	199	99	25
47051001	GDorylaimopsis	28	4	12	30	348	50	149	373
47051002	GSabatieria	50	28	68	74	621	348	845	920
47051003	Cervonema		4		2		50		25
47051004	Metacomesoma	6	20	72	26	75	249	895	323
47051006	Laimella	4				50			
470511	Chromadoridae		4				50		
470512	Cyatholaimidae	2		28	42	25		348	522
47051205	Neotonchus	2	4			25	50		
470513	Choniolaimidae	2		4		25		50	
471114	Oncholaimidae	8			2	99			25
47111405	GOncholaimus		8				99		
5001220201	Sigambra tentaculata	2				25			
50014102	GAricidea			4	2			50	25
5001500307	Tharyx marioni				2				25
6118040199	?Paracalanus aculeatus				2				25
61200103	GOncaea		4				50		

780820SN20002B6 T.8 MEIOFAUNA - TAXONOMY BLM2R6C2 01/03/80 08:27:48

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	36	40	16	50	447	497	199	621
3450120499	?Lagenammina comprima		4				50		
3450450201	Bigenerina irregularis			2	4			25	50
3450540102	Eggerella bradyi	2				25			
3453380101	Buliminella elegantissima	2	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				6				75
3453460202	Bulimina marginata			2	4			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	Linhomoeidae	47	10	2	3	584	124	25	37
47040103	GTerschellingia	61	4	88	41	758	50	1094	510
47040301	GSphaerolaimus	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	Eubostrichus	7	2	12	30	87	25	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	Metacomesoma	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	
470513	Choniolaimidae	34	12	6	11	423	149	75	137
47060202	Tricoma	7	2			87	25		
47110901	GHalalaimus	3	4	2	3	37	50	25	37
47114	Oncholaimidae		6		3		75		37
5001220201	Sigambra tentaculata	2	2	6	4	25	25	75	50
50014102	GAricidea		6		6		75		75
5001500307	Tharyx marioni				2				25
611927	Cletodidae	6				75			

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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		4				50		
3450540102	Eggerella bradyi	2			4	25			50
345201	Miliolacea		4				50		
3453380101	Buliminella elegantissima	2			4	25			50
3453380199	?Buliminella morgani	198	180	242	244	2461	2237	3008	3033
3453420109	Bolivina 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	12		99	25	149
3454610299	?Nonionella basiloba	44	172	54	200	547	2138	671	2486
3454650201	Melonis pompiloides				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	Monhysteridae	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	Metacomesoma	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		4		99		50
471109	Oxystominidae				4				50
47110902	GOxystomina		8				99		
471114	Oncholaimidae	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 difflugiformis			4				50	
3450120499	?Lagenammina comprima		6				75		
3450320401	Ammoscalaria pseudospiralis				2				25
3450450201	Bigenerina irregularis			2	6			25	75
3450540102	Eggerella bradyi			2	6			25	75
3453380101	Buliminella elegantissima		8		4		99		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				25	
47051002	GSabatieria		2	6	2		25	75	25
470513	Choniolaimidae	2				25			

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Code	Organism name	A	B	C	D	A/a	B/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 comprima	5	2		16	62	25		199
3450250107	Reophax scottii			19	8			236	99
3450320401	Ammoscalaria pseudospiralis		2				25		
345201	Miliolacea		2				25		
3452140599	+Pyrgo nasuta	5				62			
3453380199	?Bulliminella morgani	1214	358	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	2138
3514	Ciliatea holotrichia				4				50
3901	Turbellaria	4		4	8	50		50	99
43	Rhynchocoela		6	16			75	199	
46010102	Trachydemus				4				50
46020101	Echinoderes				8				99
47030201	Campylaimus			4				50	
470304	Axonolaimidae			16				199	
47030501	GLeptolaimus		2	8	8		25	99	99
470401	Linhomoeidra	4		12		50		149	
47040301	GSphaerolaimus	4		8		50		99	
47040403	GTheristus	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	Metacomesoma		2				25		
470511	Chromadoridae	16	2	28	16	199	25	348	199
470512	Cyatholaimidae	12	2	8		149	25	99	
470513	Choniolaimidae	4			4	50			50
47051301	Pseudonchus	4				50			
47060202	Tricoma	4	6	28	8	50	75	348	99
47110901	GHalalaimus	16		8		199		99	
47110902	GOxystomina		2				25		
5001220201	Sigambra tentaculata		4		4		50		50
50014102	GAricidea	4	4	4		50	50	50	
5001520103	Cossura delta		2				25		
5001600306	Notomastus latericeus	8	2	4		99	25	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	+Cletodes millerorum	4	2			50	25		
6119280402	Amphiascus minutus		4				50		
6119280799	+Haloschizopera junodi		6		8		75		99
6120	ACyclopoida	4				50			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	32	28	12	16	398	348	149	199
3450120499	?Lagenammina comprima	12		60	6	149		746	75
3450450103	Textularia earlandi	4				50			
3450450201	Bigenerina irregularis		4		4		50		50
3450540102	Eggerella bradyi		6		2		75		25
345201	Miliolacea				2				25
3453380101	Buliminella elegantissima	4		8		50		99	
3453380199	?Buliminella morgani	880	264	712	444	10938	3282	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	GFursenkoina		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				2				25
47	Nematoda		2		2		25		25
470304	Axonolaimidae				2				25
47030404	GParodontophora	4	2		4	50	25		50
470401	Linhomoeidae	12	2		10	149	25		124
47040103	GTerschellingia	4	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	224		199
470503	Desmodoridae	28	2		6	348	25		75
47050305	Eubostrichus	4				50			
470505	Ceramonematidae				4				50
47051001	GDorylaimopsis	4	6	8	12	50	75	99	149
47051002	GSabatieria	36		12	32	447		149	398
47051004	Metacomesoma	8			20	99			249
470512	Cyatholaimidae	72		4	46	895		50	572
47051205	Neotonchus				2				25
470513	Choniolaimidae	4	2		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	GAricidea				8				99
5001600402	Mediomastus californiensis				4				50
6118040102	Paracalanus crassirostris				2				25
6119040101	Longipedia helgolandica				2				25
61190902	*Halectinosoma		2				25		

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	4	4		25	50	50
3453380199	?Bulliminella morgani	28	14	18	22	348	174	224	273
3453420109	Bolivina lowmani	2	6	20	5	25	75	249	25
3454250101	Ammonia beccarii	8	2	2	2	99	25	25	25
46010102	Trachydemus				4				50
47030404	GParodontophora	10			8	124			99
470401	Linhomoeidae	52	14	79	46	646	174	982	572
47040103	GTerschellingia	8	4	49	12	99	50	609	149
47040301	GSphaerolaimus	4	2	4		50	25	50	
470404	Monhysteridae	4			2	50			25
47040403	GTheristus	22	26	26	42	273	323	323	522
470503	Desmodoridae			2				25	
47050305	Eubostrichus	22	12	12	22	273	149	149	273
470505	Ceramonematidae		2	2			25	25	
47051001	GDorylaimopsis	4	10	14	6	50	124	174	75
47051002	GSabatieria	56	62	55	121	696	771	684	1504
47051004	Metacomesoma	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	4	16	14	99	50	199	174
470513	Choniolaimidae		2		4		25		50
47110901	GHalalaimus	2			2	25			25
50012201	GAncistrosyllis		2			25	25		
50014102	GAricidea	2	2			25	25		
5001500307	Tharyx marioni		2				25		
5001520103	Cossura delta		6		2		75		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
3450120498	?Lagenammina difflugiformis			4				50	
3453380101	Bulliminella elegantissima			4				50	
3453380199	?Bulliminella 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	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	GParodontophora	10	4	4	4	124	50	50	50
470401	Linhomoeidra	12	4	22	140	149	50	273	1740
47040103	GTerschellingia	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	
470510	Comesomatidae			2	8			25	99
47051001	GDorylaimopsis			6	99			75	1231
47051002	GSabatieria	8		36	144	99		447	1790
47051004	Metacomesoma			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	GHalalaimus				12				149
471199	?Enchelidiidae				4				50
500107	Pisionidae				2				25
50012201	GAncistrosyllis				4				50
5001220201	Sigambra tentaculata	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
61192A	Diosaccidae				4				50
6119280799	+Haloschizopera junodi			2				25	
6119281001	Typhlamphiascus lamellifer				6				75

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453380199	?Buliminella morgani	2	4	12	6	25	50	149	75
3453420109	Bolivina lowmani		4	30	2		50	373	25
3453460202	Bulimina marginata		2				25		
3453670199	?Cibicides concentricus				2				25
3454250101	Ammonia beccarii		8	10	16		99	124	199
3454610299	?Nonionella basiloba				2				25
47030404	GPerodontophora	4	2	2	16	50	25	25	199
470401	Linhomoeidra	6	4	24	34	75	50	298	423
47040103	GTerschellingia			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	Metacomesoma			2	12			25	149
470512	Cyatholaimidae			2	8			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	Gromiidae	6				75			
3450320401	Ammoscalaria pseudospiralis				22				273
3453380101	Buliminella elegantissima		2	2			25	25	
3453380199	?Buliminella morgani	4	10	44	28	50	124	547	348
3453420109	Bolivina lowmani	2	28	76	30	25	348	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	Coelosomides		2				25		
43	Rhynchocoela	2				25			
47030401	GAxonolaimus	2				25			
47030404	GParodontophora	8	4	13	12	99	50	162	149
470401	Linhomoeidra	52	32	76	34	646	398	945	423
47040103	GTerschellingia	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	2	22	25	25	25	273
47051002	GSabatieria	56	50	81	72	696	621	1007	895
47051004	Metacomesoma	32	28	29	32	398	348	360	398
47051006	Laimella	4	2	9		50	25	112	
470512	Cyatholaimidae	8	18		12	99	224		149
47051205	Neotonchus	2		11	2	25		137	25
470513	Choniolaimidae	4	2		4	50	25		50
47110902	GOxystomina			2				25	
47110903	Thalassoalaimus			4				50	
5001220201	Sigambra tentaculata	6				75			
5001520103	Cossura delta		2				25		
5001600402	Mediomastus californiensis				2				25
6119280799	+Haloschizopera junodi		8				50		
6119281001	Typhlamphiascus lamellifer		2				25		

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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	Bulliminella elegantissima	16		4		199		50	
3453380199	?Bulliminella morgani	40	12	10	14	497	149	124	174
3453420109	Bolivina lowmani	64	8	6	4	796	99	75	50
3454250101	Ammonia beccarii	18	8	8	6	224	99	99	75
34545202	GFursenkoina	2		2		25		25	
3454610299	?Nonionella basiloba	16		5		199		25	
370306	Corynidae			2				25	
3901	Turbellaria		2				25		
46020101	Echinoderes		2				25		
47030404	GParodontophora	14	6	9		174	75	112	
470401	Linhomoeidae	115	34	113	2	1429	423	1405	25
47040103	GTerschellingia	32	12	9	4	398	149	112	50
47040301	GSphaerolaimus	2	2			25	25		
47040403	GTheristus	29	14	71		360	174	883	
47050305	Eubostrichus	16	4	7	2	199	50	87	25
470510	Comesomatidae	7				87			
47051001	GDorylaimoides	2	4	11		25	50	137	
47051002	GSabatieria	45	30	49		559	373	609	
47051004	Metacomesoma	25	8	29		311	99	360	
47051006	Laimella	2				25			
470511	Chromadoridae	5		4		62		50	
470512	Cyatholaimidae	20	10	24		249	124	298	
470513	Choniolaimidae	5				62			
47060202	Tricoma		2				25		
47110901	GHalalaimus	2		2		25		25	
47110902	GOxystomina			7				87	
471114	Oncholaimidae	2				25			
5001220201	Sigambra tentaculata		4	2			50	25	
5001600402	Mediomastus californiensis	4	2			50	25		
6110	Ostracoda		2				25		
6119	AHarpacticoida	2				25			
611927	Cletodidae		2				25		
61192809	GStenhelia		6	4			75	50	
6119281001	Typhlamphiascus lamellifer	2	2			25	25		

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae			8	12			99	149
34501204 99	?Lagenammina comprima			2				25	
34533801 01	Buliminella elegantissima			2				25	
34533801 99	?Buliminella morgani	14	10	12	6	174	124	149	75
34534201 09	Bolivina lowmani		8	12			99	149	
34536701 99	?Cibicides concentricus		2				25		
34542501 01	Ammonia beccarii	4		4		50		50	
34545202 03	Fursenkoina pontoni			2				25	
34546102 99	?Nonionella basiloba		8	10	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	895
47040103	GTerschellingia	36	6	4	2	447	75	50	25
47040301	GSphaerolaimus		2	2	4		25	25	50
470404	Monhysteridae	2			4	25			50
47040403	GTheristus	16	14	34	42	199	174	423	522
470503	Desmodoridae				2				25
47050305	Eubostrichus	6			20	75			249
470510	Comesomatidae				4				50
47051001	GDorylaimopsis	20	4	48	14	249	50	597	174
47051002	GSabatieria	28	48	56	44	348	597	696	547
47051004	Metacomesoma	18	12	2	16	224	149	25	199
47051006	Laimella				2				25
470511	Chromadoridae			2	4			25	50
470512	Cyatholaimidae			22	30			273	373
470513	Choniolaimidae				2				25
47060202	Tricoma			2	2			25	25
47110901	GHalalaimus	2		4		25		50	
47110902	GOxystomina			4				50	
471114	Oncholaimidae		2		4		25		50
50012202 01	Sigambra tentaculata			2				25	
50014102	GAricidea	4		4		50		50	
50015003 07	Tharyx marioni	6				75			
50015201 03	Cossura delta			4	4			50	50
50016004 02	Mediomastus californiensis	2		12	16	25		149	199
55	Bivalvia			2				25	
61182901 04	Acartia tonsa				6				75
61190902	*Halectinosoma			4				50	
61191401 01	Euterpina acutifrons				2				25
611927	Cletodidae			4	2			50	25
61192807 99	+Haloschizopera junodi			2	2			25	25
61192810 01	Typhlamphiascus lamellifer			6	4			75	50

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	8			25	99	
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	GTerschellingia		2	28	52		25	348	646
47040301	GSphaerolaimus			6				75	
470404	Monhysteridae	2		3	16	25		37	199
47040403	GTheristus	5		89	80	25		1106	994
47050305	Eubostrichus			15	8			186	99
470510	Comesomatidae			15	4			186	50
47051001	GDorylaimopsis		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	Paraonis gracilis			2				25	
5001520103	Cossura delta	2		4		25		50	
5001600402	Mediomastus californiensis	5	2	4		25	25	50	
6117	Copepoda	5	2			25	25		
61190902	*Halectinosoma	2				25			

790101PW2000286 T.B MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

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 comprima	4				50			
3450250107	Reophax scottii	6				75			
3450320401	Ammoscalaria pseudospiralis	2				25			
3450450201	Bigenerina irregularis	2	2			25	25		
3450540102	Eggerella bradyi	4				50			
3453380101	Buliminella elegantissima	2				25			
3453380199	?Buliminella morgani	48	10	4	10	597	124	50	124
3453420109	Bolivina lowmani	38	6	6		472	75	75	
3453420110	Bolivina striatula	2				25			
3454250101	Ammonia beccarii	26	16	10	8	323	199	124	99
3454300109	Elphidium gunteri	2				25			
34545202	GFursenkoina	4				50			
3454520203	Fursenkoina pontoni	2				25			
3454520299	?Fursenkoina complanata	12				149			
3454610299	?Nonionella basiloba	94		8		1168		99	
43	Rhynchocoela	2		2		25		25	
46010102	Trachydemus	2	2			25	25		
46020101	Echinoderes			2				25	
47	Nematoda				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	GTerschellingia	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	2	6		50	25	75	
470510	Comesomatidae	8	2			99	25		
47051001	GDorylaimopsis	8	2	29	14	99	25	360	174
47051002	GSabatieria	91	70	83	20	1131	870	1032	249
47051004	Metacomesoma	51	12		14	634	149		174
47051006	Laimella	20	8	3	6	249	99	37	75
470511	Chromadoridae		2				25		
470512	Cyatholaimidae	36	8	51		447	99	634	
47051205	Neotonchus			3	2			37	25
470513	Choniolaimidae		2	3			25	37	
47060202	Tricoma			6				75	
47110901	GHalalaimus	8		3		99		37	
47110902	GOxystomina		2	9			25	112	
471114	Oncholaimidae		2	3			25	37	
5001220201	Sigambra tentaculata		2				25		
5001440109	Magelona phyllisae			2				25	
5001500307	Tharyx marioni		2				25		
5001520103	Cossura delta	2		8		25		99	
5001600402	Mediomastus californiensis	4				50			
55	Bivalvia	2				25			
6117	Copepoda	4				50			
611928	Diplosaccidae			4				50	
61192809	+Haloschizopera junodi	4		4		50		50	
61192809	GStenhelia	2				25			

790102PE0500286 T.H MEIOFAUNA - TAXONOMY BLM266C3 01/03/80 08:39:33

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 hydroida leptomedusae	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	34	4	20	4	423	50	249	50
47040103	GTerschellingia	4	2	8	4	50	25	99	50
47040301	GSphaerolaimus		2		2		25		25
47040403	GTheristus	12	8	10	4	149	99	124	50
470503	Desmodoridae				2				25
470510	Comesomatidae	2		6		25		75	
47051001	GDorylaimopsis			2				25	
47051002	GSabatieria	64	42	62	20	796	522	771	249
47051004	Metacomesoma	10	26	38	12	124	323	472	149
47051005	Paracomesoma	6	4			75	50		
470511	Chromadoridae	10	2	10	4	124	25	124	50
470512	Cyatholaimidae	34	24	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 (nematoda)	2				25			
5001600402	Mediomastus californiensis		2	4	6		25	50	75
55	Bivalvia	2				25			
61131901	GLoxoconcha	2				25			
61190902	*Halectinosoma	6	16	2		75	199	25	
61192704	GEnhydrosoma			5				50	
6119270406	Enhydrosoma hopkinsi			2				25	

790102PE2000286 T.B MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		4		4		50		50
3450120499	?Lagenammina comprima	2				25			
3453380101	Buliminella elegantissima	2		12		25		149	
3453380199	?Buliminella morgani	2		12	4	25		149	50
3454220109	Bolivina lowmani	2	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			4				50	
47030201	Campylaimus		8				99		
47030404	GParodontophora	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	GTerschellingia	20	127	70	56	249	1579	870	696
47040301	GSpheerolaimus	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	Metacomesoma	64	80	37	116	796	994	460	1442
47051005	Paracomesoma	4		12		50		149	
470511	Chromadoridae	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			99	99
471103	Ironidae	2	8			25	99		
47110901	GHalalaimus	4	8	4	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	Bivalvia				4				50
6117	Copepoda	4	12		4	50	149		50
61190902	*Halectinosoma	4				50			
611927	Cletodidae	2	4			25	50		
6119270406	Enhydrosoma hopkinsi		4		12		50		149
61192809	GStenhelia			4	12			50	149

790102PN05002B6 T.B MEIOFAUNA - TAXONOMY BLM2B6C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3453420109	Bolivina lowmani	34	16	2		423	199	25	
3453420110	Bolivina striatula			2				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	GTerschellingia	8	6	8	8	99	75	99	99
47040301	GSphaerolaimus		4		6		50		75
470404	Monhysteridae		2	2			25	25	
47040403	GTheristus	28	18	16	6	348	224	199	75
47050201	Microlaimus	2				25			
470503	Desmodoridae		4				50		
47051001	GDorylaimopsis	8		2	8	99		25	99
47051002	GSabatieria	64	62	36	56	796	771	447	696
47051004	Metacomesoma	28	2	36	14	348	25	447	174
47051005	Paracomesoma	4	4			50	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
47060202	Tricoma	2	2			25	25		
471103	Ironidae	4		14		50		174	
47110901	GHalalaimus	2				25			
471114	Oncholaimidae	2		2	4	25		25	50
471199	?Enchelidiidae				2				25
5001430502	Prionospio cirrifera	2				25			
5001440109	Magelona phyllisae				2				25
5001600402	Mediomastus californiensis	10	4		4	124	50		50
6117	Copepoda	4		2		50		25	
61190902	sHalectinosoma	10	2			124	25		
61192704	GEnhydrosoma	2		2		25		25	
6119270406	Enhydrosoma hopkinsi	2	2	6		25	25	75	
61192809	GStenhelia	8		4	2	99		50	25

790102PN20002R6 T.R MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2				25		
34533801O1	Buliminella elegantissima			4				50	
34533801O9	?Buliminella morgani				2				25
34534201O9	Bolivina lowmani		12		8		149		99
34542501O1	Ammonia beccarii	56	12	16	22	696	149	199	273
43	Rhynchocoela	28	12			348	149		
46020101	Echinoderes	16	10			199	124		
47	Nematoda	6				75			
47030201	Campylaimus			5				62	
470304	Axonolaimidae	12				149			
47030404	GParodontophora	55	8	41	20	684	99	510	249
47030703	GCamacolaimus	12		5		149		62	
470401	Linhomoeidra	25	22	64	22	311	273	796	273
47040103	GTerschellingia	61	30	28	20	758	373	348	249
47040301	GSchaerolaimus			14	4			174	50
47040403	GTheristus	110	26	60	6	1367	323	746	75
47040501	Siphonolaimus		2	5			25	62	
470503	Desmodoridae	12	2			149	25		
47050305	Eubostrichus	6				75			
470510	Comesomatidae		2	9			25	112	
47051001	GDorylaimopsis	25	2		6	311	25		75
47051002	GSabatieria	184	72	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	10			684	124		
470512	Cyatholaimidae	135	22	87	14	1678	273	1081	174
47051205	Neotonchus	6	4	5	4	75	50	62	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		2				25		
5001431701	Paraprionospio pinnata		2				25		
5001440109	Magelona phyllisae		2	4			25	50	
5001520103	Cossura delta		2				25		
5001600402	Mediomastus californiensis	20		8		249		99	
5001670208	Ampharete acutifrons	4				50			
550202	Nuculidae	4				50			
6117	Copepoda	8				99			
61190902	*Halectinosoma			4				50	
6119150199	+Paralaophonte 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.8 MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12				149			
3452140112	Auinqueloculina compta				4				50
3453380101	Bulimínella elegantissima			24	24			298	298
3453380199	?Bulimínella morgani	4			6	50			75
3453420109	Bolivina lowmani	56	8	64	18	696	99	796	224
3453420110	Bolivina striatula			12	14			149	174
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	GParodontophora	13	4	8	6	162	50	99	75
47030501	GLeptolaimus			4				50	
470401	Linhomoeidae	91	54	128	4	1131	671	1591	50
47040103	GTerschellingia	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	Metacomesoma	87	137	28	18	1081	1703	348	224
47051005	Paracomesoma	9	4	20		112	50	249	
470511	Chromadoridae	4	4	8	20	50	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	50	
471103	Ironidae	4		4		50		50	
471114	Oncholaimidae	13		16	2	162		199	25
5001220201	Sigambra tentaculata		4				50		
61190902	*Halectinosoma			4	6			50	75

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
3450120499	?Lagenammina comprima		22				273		
3450450199	+Textularia mexicana				4				50
3453380101	Buliminella elegantissima	6			4	75			50
3453380199	?Buliminella morgani		2	20	16		25	249	199
3453420109	Bolivina lowmani	4			48	50			597
3453460202	Bulimina marginata				4				50
3454250101	Ammonia beccarii	24	34	26	164	298	423	323	2039
34545202	GFursenkoina			2	12			25	149
46020101	Echinoderes		2				25		
47030404	GParodontophora		2	2	4		25	25	50
470401	Linhomoeidra	90	22	38	108	1119	273	472	1342
47040103	GTerschellingia	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		
470505	Ceramonematidae				4				50
470510	Comesomatidae	2	6		12	25	75		149
47051001	GDorylaimopsis	8	18	4	12	99	224	50	149
47051002	GSabatieria	58	48	58	72	721	597	721	895
47051003	Cervonema				4				50
47051004	Metacomesoma	34	56	54	24	423	696	671	298
47051006	Laimella		2				25		
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
47060207	Tricoma	2				25			
47110901	GHalalaimus	2		2		25		25	
5001600402	Mediomastus californiensis	4	4	2	8	50	50	25	99
6119270406	Enhydrosoma hopkinsi			2				25	
6169260299	?Photis macromanus			2				25	

790102Pw0500286 T.B MEIOFAUNA - TAXONOMY BLM2B6C3 01/03/80 08:39:35

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	12	6	10	2	149	75	124	25
3454300109	Elphidium gunteri	2				25			
3454610299	?Nonionella basiloba	4				50			
3901	Turbellaria		2	2			25	25	
46020101	Echinoderes	4	2	2		50	25	25	
47	Nematoda				4				50
47030401	GAxonolaimus	3				37			
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	GTerschellingia	56	30	4	4	696	373	50	50
47040301	GSphaerolaimus		2		2		25		25
470404	Monhysteridae		2				25		
47040403	GTheristus	32	10	2	14	398	124	25	174
47040501	Siphonolaimus			2				25	
470510	Comesomatidae	8	2	2	4	99	25	25	50
47051001	GDorylaimopsis	5	10	2		62	124	25	
47051002	GSabatieria	61	60	28	56	758	746	348	696
47051004	Metacomesoma	74	54	22	32	920	671	273	398
47051005	Paracomesoma	5	6			62	75		
470511	Chromadoridae	8	6	2	2	99	75	25	25
470512	Cyatholaimidae	50	16	10	18	621	199	124	224
47051205	Neotonchus	11	2		2	137	25		25
470513	Choniolaimidae		2				25		
47060201	Desmoscolex				2				25
47060202	Tricoma	8				99			
47110901	GHalalaimus	3	2		2	37	25		25
471114	Oncholaimidae			4				50	
471199	?Enchelidiidae				2				25
5001600402	Mediomastus californiensis	8	2			99	25		
55	Bivalvia	2				25			
61190902	*Halectinosoma	2	2			25	25		
61192704	GEnhydrosoma		2				25		
6119270406	Enhydrosoma hopkinsi		2				25		
61192809	GStenhelia	4	4			50	50		

790102PW20002H6 T.B MEIOFAUNA - TAXONOMY BLM2B6C3 01/03/80 08:39:35

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	2				25			
3453380101	Buliminella elegantissima			8				99	
3453380199	?Buliminella morgani		2				25		
3453420109	Bolivina lowmani		2	4	88		25	50	1094
3453670199	?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	GTerschellingia	24		64	12	298		796	149
47040301	GSphaerolaimus		2				25		
470404	Monhysteridae		2				25		
47040403	GTheristus	4	4	24	28	50	50	298	348
47050201	Microlaimus			4	2			50	25
470510	Comesomatidae	2		4	4	25		50	50
47051001	GDorylaimopsis	4				50			
47051002	GSabatieria	34	12	140	82	423	149	1740	1019
47051004	Metacomesoma	28	4	84	36	348	50	1044	447
47051005	Paracomesoma	2			8	25			99
470511	Chromadoridae	2	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	GOxystomina			4				50	
471114	Oncholaimidae		2		2		25		25
5001440109	Magelona phyllisae			2	2			25	25
5001600402	Mediomastus californiensis	4				50			
6117	Copepoda				2				25
61192704	GEnhydrosoma	2			4	25			50
6119270406	Enhydrosoma hopkinsi				10				124
61192809	GStenhelia	2		8	50	25		99	621

790103PE05002R6 T.R MEIOFAUNA - TAXONOMY BLM2R6C3 01/03/80 08:39:35

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	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	?Bulliminella morgani	20	8	16	24	249	99	199	298
3453420109	Bolivina lowmani	12		32	16	149		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	50	99	50
3454610299	?Nonionella basiloba	344	44	124	128	4276	547	1541	1591
3901	Turbellaria	36	4			447	50		
46020101	Echinoderes	12	16	4		149	199	50	
47	Nematoda	4			4	50			50
470304	Axonolaimidae	8	4			99	50		
47030404	GPerodontophora	8	8			99	99		
470401	Linhomoeidra	12	28	4	16	149	348	50	199
47040103	GTerschellingia	12	4			149	50		
47040301	GSphaerolaimus	4				50			
47040403	GTheristus	24	40			298	497		
47050201	Microlaimus	8	16	4		99	199	50	
470503	Desmodoridae	8	28		4	99	348		50
47050305	Eubostrichus				4				50
470505	Ceramonematidae	24	16			298	199		
47050701	Richtersia	4	20		8	50	249		99
47051001	GDorylaimopsis	44	12	8	20	547	149	99	249
47051002	GSabatieria	136	92		32	1690	1144		398
47051003	Cervonema	4	12			50	149		
47051004	Metacomesoma	4			4	50			50
470511	Chromadoridae	52	40	4	36	646	497	50	447
470512	Cyatholaimidae	48	32			597	398		
47051205	Neotonchus				4				50
470513	Choniolaimidae		4		4		50		50
47060201	Desmoscolex	8		4		99		50	
47060202	Tricoma	32	32			398	398		
471103	Ironidae		4				50		
47110901	GHalalaimus		8				99		
47110902	GOxystomina		8		4		99		50
471114	Oncholaimidae	16	4			199	50		
50014102	Garicidea	4	8			50	99		
5001600402	Mediomastus californiensis			4				50	
55	Bivalvia	8	4			99	50		
6117	Copepoda	12				149			
6119	AHarpacticoida	8	4			99	50		
611909	Ectinosomidae	8	8			99	99		
61190902	*Halectinosoma	28	36	4		348	447	50	
6119150703	Normanella confluens	4				50			
6119270102	Cletodes dissimilis	16	4			199	50		
6119270406	Enhydrosoma hopkinsi		4				50		
6119280402	Amphiascus minutus	12				149			
61192809	GStenhelia		16				199		
6119280903	Stenhelia mastigochaeta	12				149			

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		32	60			398	746	
3450120499	?Lagenammina comprima	48	56	26	20	597	696	323	249
3450250107	Reophax scottii			10				124	
3450450199	+Textularia mexicana	4	4			50	50		
3450540102	Eggerella bradyi	4		5		50		62	
3453380199	?Bulliminella morgani	124	16	139	8	1541	199	1728	99
3453420109	Bolivina lowmani	56	4	72	4	696	50	895	50
3453420110	Bolivina striatula	8	4			99	50		
3453460202	Bulimina 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	4	99	50	1467	50
3454610199	?Florilus atlanticus		12		12		149		149
3454610299	?Nonionella 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			
46010102	Trachydemus		4		4		50		50
46020101	Echinoderes				12				149
47	Nematoda	20				249			
470304	Axonolaimidae	4	12	12	8	50	149	149	99
47030404	GParodontophora	4			4	50			50
47030703	GCamacolaimus	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	GTheristus	8	36	60	12	99	447	746	149
47050201	Microlaimus	8	8	28	8	99	99	348	99
470503	Desmodoridae	8	4	4	4	99	50	50	50
470505	Ceramonematidae			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	Chromagoridae	48	28	40	84	597	348	497	1044
470512	Cyatholaimidae	24	16	12	16	298	199	149	199
470513	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	GOxystomina			4				50	
471112	Enoplidae	8				99			
471114	Oncholaimidae	4			8	50			99
471199	?Enchelidiidae		4				50		
5001270104	Glycera americana	4				50			
50014102	GAricidea				14				174
5001500307	Theryx marioni		4				50		
5001520103	Cossura delta				8				99
5001600402	Mediomastus californiensis	4	4	8		50	50	99	
6117	Copepoda	8	4		4	99	50		50
61190902	xHalectinosoma		12		12		149		149
6119090301	Pseudobradya hirsuta			4	4			50	50
6119270102	Cletodes dissimilis	8			4	99			50
6119270406	Enhydrosoma hopkinsi				4				50
611928	Diosaccidae		4		8		50		99
61192806	GRobertgurneya			4				50	
6119280903	Stenhelia 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	?Lagenammina difflugiformis			8				99	
3450120499	?Lagenammina comprima	50	10	46	20	621	124	572	249
3450250107	Reophax scottii		2				25		
3450320401	Ammoscalaria pseudospiralis	2	2			25	25		
3450450103	Textularia earlandi				2				25
3450450201	Bigenerina irregularis		4	2			50	25	0
3450540102	Eggerella bradyi		2		2		25		25
345201	Miliolacea		2				25		
3453380199	?Buliminella morgani	14	22	22	50	174	273	273	621
3453420109	Bolivina lowmani	4	16	6		50	199	75	
3453420110	Bolivina striatula		4		10		50		124
3453460202	Bulimina marginata	4	2	4	8	50	25	50	99
3453480299	?Trifarina bella		4	2	4		50	25	50
3453530101	Cancris sagra	2	4		2	25	50		25
3453540302	Epistominella vitrea		2				25		
3453560104	Eponides antillarum	2		2		25		25	
3453670199	?Cibicides concentricus	6	20	42	90	75	249	525	1119
3454250101	Ammonia beccarii			4				50	
3454300109	Elphidium gunteri		2				25		
3454520299	?Fursenkoina complanata				6				75
3454610199	?Florilus atlanticus		2	4	2		25	50	25
3454610299	?Nonionella basiloba	36	114	50	176	447	1417	621	2198
3901	Turbellaria			14				174	
43	Rhynchocoela		2				25		
460201.01	Echinoderes		2		14		25		174
47	Nematoda	8				99			
470304	Axonolaimidae		6	2	6		75	25	75
47030404	GParodontophora				3				37
470401	Linhomoeidra	14	6	4	17	174	75	50	211
47040103	GTerschellingia	4	4		6	50	50		75
47040301	GSphaerolaimus	2			3	25			37
470404	Monhysteridae				6				75
47040403	GTheristus	6	10	6	19	75	124	75	236
47050201	Microlaimus	6		8	22	75		99	273
470503	Desmodoridae				17				211
470505	Ceramonematidae			2	14			25	174
47050701	Richtersia	4	12	14	19	50	149	174	236
470510	Comesomatidae				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	37
47051004	Metacomesoma	22		4	14	273		50	174
47051005	Paracomesoma		4	2			50	25	
470511	Chromadoridae	28	74	30	75	348	920	373	932
470512	Cyatholaimidae	6	2	6	11	75	25	75	137
470513	Choniolaimidae		2	2	6		25	25	75
47060201	Desmoscolex				3				37
47060202	Tricoma	2	2	4	36	25	25	50	447
471103	Tironidae		4				50		
47110901	GHalalaimus	4			19	50			236
47110902	GOxystomina	2				25			
471112	Enoplidae				3				37
471114	Oncholaimidae		2	2	8		25	25	99
50014102	GAricidea	6	2		4	75	25		50
5001500307	Tharyx marioni				2				25
5001520103	Cossura delta			2				25	
5001600402	Mediomastus californiensis	2				25			
5001670208	Ampharete acutifrons				2				25
50017001	GChone	2				25			
61131902	GCytheromorpha				2				25
6117	Copepoda				6				75
611909	Ectinosomidae				4				50
61190902	*Halectinosoma	2			10	25			124
61192701	GCletodes				6				75
6119270102	Cletodes dissimilis		2		4		25		50
6119270104	Cletodes tenuipes				2				25
611928	Diosaccidae				4				50
6119280799	+Haloschizopera lunodi				6				75
6119281001	Typhlamphiascus lamellifer				2				25
61192903	GMesochra				2				25
6119310401	Diarthrodes dissimilis				2				25

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	6		6		75		75	
3450120499	?Lagenammina comprima		8	2			99	25	
3452140112	Quinqueloculina compta		4				50		
3453380199	?Bulliminella morgani		12		4		149		50
3453420109	Bolivina lowmani	6			4	75			50
3453560104	Eponides antillarum		4				50		
3453670199	?Cibicides concentricus		12		2		149		25
3454250101	Ammonia beccarii	6				75			
3454300109	Elphidium gunteri		2				25		
3454520299	?Fursenkoina complanata				2				25
3454610199	?Florilus atlanticus				2				25
3454610299	?Nonionella basiloba		18	20	48		224	249	597
3901	Turbellaria		4				50		
46010101	Pycnophyes		2				25		
46020101	Echinoderes	6		4		75		50	
47	Nematoda		2				25		
470304	Axonolaimidae			2				25	
47030402	GOdontophora	2		8	2	25		99	25
47030404	GParodontophora	6			2	75			25
470401	Linhomoeidra	8			14	99			174
47040301	GSphaerolaimus				2				25
47040403	GTheristus	8	16	8	20	99	199	99	249
47050201	Microlaimus	2			4	25			50
470503	Desmodoridae		2		14		25		174
470505	Ceramonematidae		2		2		25		25
47050701	Richtersia	2	6		2	25	75		25
470510	Comesomatidae				2				25
47051001	GDorylaimopsis	4	4	14	4	50	50	174	50
47051002	GSabatieria	14	32	24	26	174	398	298	323
47051004	Metacomesoma	2	4	14		25	50	174	
47051005	Paracomesoma	2	6			25	75		
470511	Chromadoridae	14	24	28	40	174	298	348	497
470512	Cyatholaimidae		14	4			174	50	
470513	Choniolaimidae	4	2	6	4	50	25	75	50
47060201	Desmoscolex	6				75			
47060202	Tricoma	2		2	2	25		25	25
471103	Ironidae				2				25
47110401	GAnticoma				12				149
47110901	GHalalaimus	2	6	4	10	25	75	50	124
47110902	GOxystomina		4				50		
471112	Enoplidae		2				25		
471114	Oncholaimidae	2	4		6	25	50		75
50012404	GNereis	2				25			
50014102	GAricidea	6	4	2	16	75	50	25	199
5001600402	Mediomastus californiensis			2				25	
55	Bivalvia		4				50		
6119	AHaroacticoida			2				25	
61190902	*Halectinosoma	2			2	25			25
6119150703	Normanella confluens	2		2		25		25	
6119270102	Cletodes dissimilis	2		2	2	25		25	25
6119270406	Enhydrosoma hopkinsi		2				25		
6119280799	+Haloschizopera junodi	4	8		2	50	99		25
6119281001	Typhlamphiascus lamellifer	2		2	6	25		25	75
61192903	GMesochra	4	10	4		50	124	50	
6169260299	?Photis macromanus			2				25	

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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 comprima	36	72	76		447	895	945	
3450120401	Ammoscalaria pseudospiralis			4				50	
34533H0199	?Huliminella 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	2			99	25
3453670199	?Cibicides concentricus	16	36		4	199	447		50
3454250101	Ammonia beccarii	4				50			
3454520203	Fursenkoina pontoni	8	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 hydroida anthomedusae	8				99			
3901	Turbellaria		28				348		
46010102	Trachydemus	8				99			
46020101	Echinoderes	16				199			
470304	Axonolaimidae		8	4			99	50	
470401	Linhomoeidae		4				50		
47040103	GTerschellingia			4	6			50	75
47040301	GSphaerolaimus	4				50			
47040403	GTheristus	40	12	4	4	497	149	50	50
47050201	Microlaimus	8	4			99	50		
470503	Desmodoridae	32	4			398	50		
470505	Ceramonematidae	8			4	99			50
47050701	Richtersia	20	4	8	4	249	50	99	50
47051001	GDorylaimopsis	8	16	12		99	199	149	
47051003	Cervonema	4				50			
47051004	Metacomesoma	12		8		149		99	
47051005	Paracomesoma	8				99			
470511	Chromadoridae	32	40	24	6	398	497	298	75
470512	Cyatholaimidae	8	16	4		99	199	50	
470513	Choniolaimidae		8				99		
47060202	Tricoma	20	4		4	249	50		50
471103	Ironidae				4				50
47110901	GHalalaimus		4	4	4		50	50	50
471114	Oncholaimidae	4				50			
50014102	GAricidea				2				25
5001430502	Prionospio cirrifera	16				199			
5001650202	Sabellaria vulgaris	32	36	36	8	398	447	447	99
61190902	*Halectinosoma	24	8			298	99		
611915	Laophontidae	4				50			
611918	Ameiridae	4				50			
611927	Cletodidae	4	4			50	50		
6119270102	Cletodes dissimilis	4				50			
611928	Diosaccidae		8				99		
6119280402	Amphiascus minutus		4				50		
6119280601	Robertgurneya rostrata	8				99			
6119280799	+Haloschizopera junodi	4	8			50	99		
61192809	GStenhelia	4				50			
611928090101	Stenhelia longicaudata var. finmarchica	4	8			50	99		
6119281001	Typhlamphiascus lamellifer			4				50	

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Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	12	24	8	4	149	298	99	50
3450120499	?Lagenammina comprima	264	16	8	20	3282	199	99	249
3450250107	Reophax scottii		4				50		
3450320401	Ammoscalaria pseudospiralis	4				50			
3453380199	?Bulliminella 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 sagra	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	GCamacolaimus		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	Microlaimus	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	547	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	GAricidea		8	4	8		99	50	99
5001520103	Cossura delta	4				50			
55	Bivalvia	4				50			
550202	Nuculidae			4				50	
6119090?	*Halectinosoma	4				50			
6119150703	Normanella confluens	4				50			
6119270102	Cletodes dissimilis				4				50
6119270403	Enhydrosoma uniarticulatum	4				50			
6119280799	+Haloschizopera junodi	8				99			

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	24	12	24	8	298	149	298	99
3450120499	?Lagenammina comprima	40	12	56	52	497	149	696	646
3450250107	Reophax scottii			4				50	
3450450199	+Textularia mexicana	4	4			50	50		
3450540102	Eggerella bradyi		4				50		50
345201	Miliolacea		4		4		50		50
34533A0199	?Buliminella morgani	28	96	36	80	348	1193	447	994
3453420109	Bolivina lowmani	12	44	12	24	149	547	149	298
3453420110	Bolivina striatula				4				50
3453460202	Bulimina marginata		16	4			199	50	
3453480299	?Trifarina bella		4	4			50	50	
3453530101	Cancris sagra		4	4	8		50	50	99
3453560104	Eponides antillarum		12	4			149	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		4		12		50		149
43	Rhynchocoela		16		4		199		50
46020101	Echinoderes			4				50	
47	Nematoda	4	12			50	149		
470304	Axonolaimidae	4	4			50	50		
47030402	GOdontophora			4	4			50	50
47030404	GParodontophora	4				50			
470305	Leptolaimidae	32	16	4	16	398	199	50	199
470401	Linhomoeidae	12		8	4	149		99	50
47040103	GTerschellingia	32	20		32	398	249		398
47040403	GTheristus	4	8		8	50	99		99
47050201	Microlaimus		12	4			149	50	
470503	Desmodoridae	4			4	50			50
47050305	Eubostrichus		4				50		
470505	Ceramonematidae	4	8	4	12	50	99	50	149
47050701	Richtersia		4				50		
470510	Comesomatidae	28	4	40	24	348	50	497	298
47051001	GDorylaimopsis	60	84	56	72	746	1044	696	895
47051002	GSabatieria		4				50		
47051003	Cervonema	16	8			199	99		
47051004	Metacomesoma		4		4		50		50
47051005	Paracomesoma	52	104	16	60	646	1293	199	746
470511	Chromadoridae	16	24	8	44	199	298	99	547
470512	Cyatholaimidae				8				99
47051205	Neotonchus		16				199		
470513	Choniolaimidae		12	4	4		149	50	50
47060201	Desmoscolex	4	28	8		50	348	99	
47060202	Tricoma	4	12			50	149		
47110901	GHalalaimus				4				50
47110902	GUxystomina		12	4	20		149	50	249
471114	Oncholaimidae		4				50		
5001100302	Pseudeurythoe ambigua		4	8	4		50	99	50
50014102	GAricidea				4				50
5001520103	Cossura delta	4				50			
5001600402	Mediomastus californiensis		4				50		
61190902	*Halectinosoma		4				50		
6119270406	Enhydrosoma hopkinsi				8				99
611928	Dioseccidae				4				50
6119280402	Amphiascus minutus								

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	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	Bigenerina irregularis				8				99
345201	Miliolacea	8	4	8	4	99	50	99	50
3453380101	Buliminella elegantissima				4				50
3453380199	?Buliminella morgani		20	4	68		249	50	845
3453420109	Bolivina lowmani	36	32	12	308	447	398	149	3828
3453420110	Bolivina striatula	12				149			
3453420199	+Bolivina simplex	4				50			
3453460202	Bulimina marginata		8		4		99		50
3453480299	?Trifarina bella			4	4			50	50
3453530101	Cancris sagra	4				50			
3453540699	+Discorbis 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	?Florilus atlanticus	8	4			99	50		
3454610299	?Nonionella basiloba	408	104	48	472	5071	1293	597	5867
3514	Ciliatea holotrichia			16				199	
3599999999	?Prorodon marinus			4				50	
3901	Turbellaria		4				50		
46020101	Echinoderes	12		8	4	149		99	50
47	Nematoda	12	8			149	99		
470304	Axonolaimidae	8			8	99			99
47030402	GOdontophora	12	4	8	4	149	50	99	50
47030404	GParodontophora			8				99	
470305	Leptolaimidae				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	Microlaimus	40		20	12	497		249	149
470503	Desmodoridae	32		16	8	398		199	99
47050305	Eubostrichus				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	GSabatieria	80	36	52	44	994	447	646	547
47051003	Cervonema	8		4		99		50	
47051004	Metacomesoma			8				99	
47051005	Paracomesoma	4	8	16		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			
470513	Choniolaimidae		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	GAricidea	4			4	50			50
5001600402	Mediomastus californiensis				12				149
500170	Sabellidae			4				50	
551547	Veneridae	4				50			
551702	Corbulidae			4				50	
6119	AHarpacticoida	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	Enhydrosoma hopkinsi			4				50	
61192903	GMesochra			4				50	

790104PE0500286 T.B MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	4	6	4		50	75	50	
3450120499	?Lagenammina comprima				12				149
3450320401	Ammoscalaria pseudospiralis				4				50
3450450201	Bigenerina irregularis				8				99
345201	Miliolacea		4				50		
3453380199	?Bulliminella morgani	2	12		20	25	149		249
3453420109	Bolivina lowmani		4	6	24		50	75	298
3453670199	?Cibicides concentricus	2	40	2	156	25	497	25	1939
3454610299	?Nonionella basiloba	2			4	25			50
3901	Turbellaria				12				149
47040103	GTerschellingia		2				25		
470503	Desmodoridae				4				50
47050305	Eubostrichus				4				50
47051001	GDorylaimopsis			6	24			75	298
47051002	GSabatieria		2	24	12		25	298	149
47060202	Tricoma				4				50
5001	Polychaeta			2				25	
5001520103	Cossura delta		2				25		

790104PE20002H6 T.9 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	26	42	20	32	323	522	249	398
3450120498	?Lagenammina difflugiformis	2	6		2	25	75		25
3450120499	?Lagenammina comprima			6	40			75	497
3450250107	Reophax scottii			2				25	
3450450201	Rigenerina irregularis			2				25	
34533A0199	?Buliminella morgani	2	6	46	132	25	75	572	1641
34534201O9	Bolivina lowmani	2	4		10	25	50		124
3453420110	Bolivina striatula				2				25
3453480299	?Trifarina bella				2				25
3453560104	Eponides antillarum				2				25
3453670199	?Cibicides concentricus	18		10	4	224		124	50
3454250101	Ammonia beccarii		2				25		
3454520203	Fursenkoina pontoni			4	20			50	249
3454520299	?Fursenkoina complanata			2				25	
3454610199	?Florilus atlanticus				6				75
3454610299	?Nonionella basiloba	2	6	32	138	25	75	398	1715
46010102	Trachydemus		2		2		25		25
470304	Axonolaimidae				4				50
470401	Linhomoeidra			2				25	
47040301	GSphaerolaimus			4				50	
47040403	GTheristus			2	4			25	50
47050305	Eubostrichus				2				25
470505	Ceramonematidae			2				25	
47051001	GDorylaimopsis			6				75	
47051002	GSabatieria		2	16	18		25	199	224
470512	Cyatholaimidae			10	2			124	25
470513	Choniolaimidae		2	4			25	50	
47110901	GHalalaimus			2				25	
50014102	GAricidea			2				25	
6120060199	?Hemicyclops americanus			2				25	

790104PN0500286 T.8 MEIOFAUNA - TAXONOMY 8LM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		28	6	8		348	75	99
3450120498	?Lagenammina difflugiformis	16			2	199			25
3450120499	?Lagenammina comprima	12	20	2		149	249	25	
3450250107	Reophax scottii				2				25
3450450199	+Textularia mexicana	8				99			
3450450201	Bigenerina irregularis		4				50		
345201	Miliolacea		4				50		
3453030908	Lagena striata		4				50		
3453380199	?Buliminella morgani	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	994	497	721
3454250101	Ammonia beccarii		12				149		
34545202	GFursenkoina	8				99			
34545202O3	Fursenkoina pontoni		8				99		
3454520299	?Fursenkoina complanata		4	2			50	25	
3454610299	?Nonionella basiloba	16	220	18	4	199	2735	224	50
3901	Turbellaria	20				249			
46020101	Echinoderes		4				50		
47030703	GCamacolaimus			2				25	
470401	Linhomoeidae			2				25	
47040103	GTerschellingia		32	6	2		398	75	25
47040803	GTheristus		12	2			149	25	
47050201	Microlaimus		28				348		
470505	Desmodoridae		8	2			99	25	
47050305	Eubostrichus		4				50		
47051001	GDorylaimoides	4	4	6		50	50	75	
47051002	GSabatieria	4	88	20		50	1094	249	
470511	Chromadoridae		8		2		99		25
470512	Cyatholaimidae		8	2			99	25	
470513	Choniolaimidae			2	2			25	25
47060201	Desmoscolex			4				50	
47060202	Tricoma		24		2		298		25
47110901	GHalalaimus		8				99		
471114	Onchulaimidae	4				50			
5001410201	Aricidea suecica		4				50		
5001410301	Paraonis gracilis				2				25
5001520103	Cossura delta				2				25

790104PN2000286 T.8 MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		10	12	4		124	149	50
3450120499	?Lagenammina comprima	32		12	52	398		149	646
3450250107	Reophax scottii			4				50	
3450450201	Bigenerina irregularis				2				25
3453380199	?Buliminella morgani	104	4	82	78	1293	50	1019	970
3453420109	Bolivina lowmani	40	6	2		497	75	25	
3453420110	Bolivina striatula	4				50			
3453460202	Bulimina marginata	4				50			
3453670199	?Cibicides concentricus			4	4			50	50
3454250101	Ammonia beccarii		6				75		
3454300109	Elphidium gunteri			2				25	
3454520203	Fursenkoina pontoni			4				50	
3454610199	?Florilus atlanticus			2	2			25	25
3454610299	?Nonionella basiloba	56		44	10	696		547	124
3901	Turbellaria	36			12	447			149
46020101	Echinoderes	4				50			
47	Nematoda	12				149			
470304	Axonolaimidae	12		10	4	149		124	50
47030404	GParodontophora	8		4		99		50	
470401	Linhomoeidra	20		2	16	249		25	199
47040103	GTerschellingia			4				50	
47040301	GSphaerolaimus			6				75	
47040403	GTheristus	16		4	12	199		50	149
47050201	Microlaimus	12				149			
470503	Desmodoridae	4				50			
47050305	Eubostrichus	12				149			
470505	Ceramonematidae	4			4	50			50
47050701	Richtersia	4				50			
47051001	GDorylaimopsis	8		4		99		50	
47051002	GSabatieria	44	2	46	36	547	25	572	447
47051006	Laimella	4				50			
470511	Chromadoridae	20		2	4	249		25	50
470512	Cyatholaimidae	40		24	100	497		298	1243
470513	Choniolaimidae			2				25	
47060201	Desmoscolex			2				25	
47060202	Tricoma	28		2		348		25	
47110901	GHalalaimus	4				50			
47110902	GUxystomina			2				25	
471114	Oncholaimidae				4				50
50014102	GAricidea	4		2		50		25	
6119150703	Cormanella confluens	4				50			
6119270401	Ephydrosoma longifurcatum				4				50
6119280799	+Haloschizopera junodi	4				50			
6119280901	Stenhelia longicaudata var. finmarchica			2				25	

790104PS05002R6 T.3 MEIOFAUNA - TAXONOMY BLM2R6C3 01/03/80 08:39:35

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	16	4		25	199	50
3450120499	?Lagenammina comprima	32		2		398		25	
3450250107	Reophax scottii			2				25	
3453380199	?Buliminella morgani	26	10	12		323	124	149	
3453420109	Bolivina lowmani	4				50			
3453560104	Eponides antillarum	4				50			
3453670199	?Cibicidea concentricus	6	10	12		75	124	149	
3454520203	Fursenkoina pontoni	8				99			
3454610299	?Nonionella baailoba	50	2	4	8	621	25	50	99
3901	Turbellaria	24				298			
47030404	GParodontophora	4		2		50		25	
470401	Linhomoeidra	12		2		149		25	
47040103	GTerschellingia	4				50			
47040301	GSphaerolaimus	4		6		50		75	
47040403	GTheristus	6	2	2		75	25	25	
47050201	Microlaimus	4				50			
470505	Ceramonematidae			2				25	
47051001	GDorylaimopsis	10		2		124		25	
47051002	GSabatieria	22	10	22		273	124	273	
470512	Cyatholaimidae	10		36		124		447	
470513	Choniolaimidae	8	2			99	25		
47060202	Tricoma	8				99			
50014102	GAricidea		2				25		
611928090101	Stenhellia longicaudata var. finmarchica			2				25	

790104PS2000286 T.A MEIOFAUNA - TAXONOMY PLM2B6C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae		2	16			25	199	
3450120499	?Lagenammina comprima	2			2	25			25
3453380199	?Buliminella morgani	18		12	10	224		149	124
3453420109	Bolivina 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	25	224
3901	Turbellaria	12				149			
470401	Linhomoeidra	2		6	2	25		75	25
47040103	GTerschellingia	2			2	25			25
47040301	GSphaerolaimus	2				25			
47040403	GTheristus		2		4		25		50
470503	Desmodoridae	8			2	99			25
47051001	GDorylaimopsis	4	2	2	2	50	25	25	25
47051002	GSabatieria	6		14	4	75		174	50
470512	Cyatholaimidae	2		2	4	25		25	50
470513	Choniolaimidae			4				50	
5001250115	Nephtys incisa	2				25			
50014102	GAricidea	2				25			

790104Pw05002b6 T.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	80		12	14	994		149	174
3450120498	?Lagenammina difflugiformis	8				99			
3450120499	?Lagenammina comprima	36		20		447		249	
3450250107	Reophax scottii	8				99			
3450450201	Bigenerina irregularis	4				50			
3453380199	?Buliminella morgani	96		52		1193		646	
3453420109	Bolivina lowmani	12			2	149			25
3453530101	Cancris sagra	8		16		99		199	
3453560104	Eponides antillarum			4				50	
3453670199	?Cibicides concentricus	32		16	14	398		199	174
3454520203	Fursenkoina pontoni	8				99			
3454610199	?Florilus atlanticus	4		20		50		249	
3454610299	?Nonionella basiloba	208		4		2585		50	
3703	Hydrozoa hydroida anthomedusae			4				50	
3901	Turbellaria		8				99		
46010102	Trachydemus	4				50			
470304	Axonolaimidae	8				99			
47030404	GParodontophora	8				99			
470401	Linhomoeidae	4		4		50		50	
47040403	GTheristus	8				99			
470503	Desmodoridae			4				50	
47050305	Eubostrichus	4				50			
470505	Ceramonematidae			4				50	
47051001	GDorylaimopsis	4		4		50		50	
47051002	GSabatieria	60		40	2	746		497	25
470511	Chromadoridae	4				50			
470512	Cyatholaimidae	16		72		199		895	
47060201	Desmoscolex	4				50			
47060202	Tricoma	8				99			
47110901	GHalalaimus	16				199			
50014102	GAricidea	4		4		50		50	
6120060194	?Hemicyclops americanus	4				50			

790104P.W20002B6 T.B 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	12	8		75	149	99
3450120498	?Lagenammina difflugiformis			8				99	
3450120499	?Lagenammina comprima		4	34			50	423	
3450250107	Reophax scottii			2				25	
3453380199	?Buliminella morgani		28	74	12		348	920	149
3453420109	Bolivina lowmani			2				25	
3453480299	?Trifarina bella			4				50	
3453530101	Cancris sagra			2				25	
3453560104	Eponides antillarum		2				25		
3453670199	?Cibicides concentricus		24	24			298	298	
3454520203	Fursenkoina pontoni		2	12			25	149	
3454520299	?Fursenkoina complanata			4				50	
3454610199	?Florilus atlanticus			14				174	
3454610299	?Nonionella basiloba		4	34	2		50	423	25
3901	Turbellaria	10				124			
43	Rhynchocoela			2				25	
46020101	Echinoderes			4				50	
47030201	Campylaimus			2				25	
470304	Axonolaimidae			4				50	
47030404	GParodontophora		4	2			50	25	
470401	Linhomoeidae		4	14			50	174	
47040403	GTheristus		4	4			50	50	
47040501	Siphonolaimus		4				50		
47050201	Microlaimus		2	4			25	50	
470503	Desmodoridae		2	10			25	124	
47050305	Eubostrichus			2	2			25	25
470505	Ceramonematidae			10				124	
47051001	GDorylaimopsis		10				124		
47051002	GSabatieria		10	44			124	547	
470511	Chromadoridae			4				50	
470512	Cyatholaimidae		4	18			50	224	
470513	Choniolaimidae		4				50		
47060201	Desmoscolex		2				25		
47060202	Tricoma			6				75	
47110901	GHalalaimus			4				50	
5001520103	Cossura delta			10				124	
5001600402	Mediomastus californiensis			4				50	
61190902	*Halectinosoma		2	2			25	25	
61192701	GCletodes			2				25	
6119280749	+Haloschizopera junodi			4				50	
61192809010	Stenhelia longicaudata var. finmarchica			2				25	

790121C 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				6				75
3450120499	?Lagenammina comprima	14			4	174			50
3450250107	Reophax scottii	2			2	25			25
3450450103	Textularia earlandi				2				25
3450450201	Bigenerina irregularis	2			4	25			50
3453380199	?Bulliminella 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	Elphidium gunteri	2				25			
3454520203	Fursenkoina pontoni	4				50			
3454520299	?Fursenkoina complanata	6			6	75			75
3454610199	?Florilus atlanticus	6				75			
3454610299	?Nonionella basiloba	48			6	597			75
3901	Turbellaria				2				25
47030404	GParodontophora		2				25		
47030501	GLeptolaimus				2				25
470401	Linhomoeidae	10		2	12	124		25	149
47040103	GTerschellingia		6		4		75		50
47040301	GSphaerolaimus	4				50			
47040403	GTheristus	8	8	14	14	99	99	174	174
47050201	Microlaimus	2				25			
470503	Desmodoridae				2				25
47050301	GMetachromadora		10				124		
47050305	Eubostrichus				4				50
470505	Ceramonematidae	2				25			
470510	Comesomatidae				2				25
47051001	GDorylaimopsis	18	2	16	10	224	25	199	124
47051002	GSabatieria	44	6	20	36	547	75	249	447
47051004	Metacomesoma	6		14	12	75		174	149
470512	Cyatholaimidae	18		8	10	224		99	124
47051205	Neotonchus	2		2		25		25	
470513	Choniolaimidae	6				75			
47060201	Desmoscolex	2				25			
5001220201	Sigambra tentaculata	2	2			25	25		
50014102	GAricidea	2				25			
5001600402	Mediomastus californiensis				2				25
55	Bivalvia				2				25
61190902	*Halectinosoma				2				25

790122C 286 T.B MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	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	Bolivina 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			
3454610299	?Nonionella basiloba			2	36			25	447
47030404	GPerodontophora			2	4			25	50
4704O1	Linhomoeidra	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	Eudostrichus	6	4		12	75	50		149
470505	Ceramonematidae			2				25	
470510	Comesomatidae		2				25		
47051001	GDorylaimopsis	16	10	16	20	199	124	199	249
47051002	GSabatieria	24	20	26	52	298	249	323	646
47051004	Metacomesoma	26		24	4	323		298	50
47051006	Laimella		2	2			25	25	
470512	Cyatholaimidae		4	16	8		50	199	99
47051205	Neotonchus				4				50
470513	Choniolaimidae	4	2		8	50	25		99
47060201	Desmoscolex			2				25	
47110901	GHalalaimus				12				149
471114	Oncholaimidae				4				50
5001220201	Sigambra tentaculata		2				25		
5001250115	Nephtys incisa			2				25	
5001310113	Lumbrinereis tenuis		2				25		
50014102	GAricidea	2	2	2		25	25	25	
5001600402	Mediomastus californiensis	2	6			25	75		
55	Bivalvia	2				25			
6119281001	Typhlamphiascus lamellifer	4				50			
6120	ACyclopoida	2				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	?Lagenammina comprima		2				25		
3453380199	?Buliminella morgani	14		8	2	174		99	25
3453420109	Bolivina lowmani				2				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	Eubostrichus	2				25			
47051001	GDorylaimopsis	2	6	2	4	25	75	25	50
47051002	GSabatieria	4	4	2		50	50	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 T.8 MEIOFAUNA - TAXONOMY BLM286C3 01/03/80 08:39:33

Code	Organism name	A	B	C	D	A/a	B/a	C/a	D/a
344501	Gromiidae	14	2	6		174	25	75	
3450120499	?Lagenammina comprima	4		2	8	50		25	99
3450450201	Bigenerina irregularis	16	2	6	2	199	25	75	25
3450540102	Eggerella bradyi			2				25	
3453380101	Buliminella elegantissima	2				25			
3453380199	?Buliminella morgani	2		4		25		50	
3453420109	Bolivina lowmani		10	6	6		124	75	75
3453670199	?Cibicides concentricus	4				50			
3454250101	Ammonia beccarii	54	10	68	2	671	124	845	25
34545202	GFursenkoina	6		2		75		25	
34545202O3	Fursenkoina pontoni			2				25	
3454520299	?Fursenkoina complanata			2				25	
3454610299	?Nonionella basiloba	6		26		75		323	
3703	Hydrozoa hydroida anthomedusae		2				25		
3704	Hydrozoa hydroida leptomedusae			2				25	
46010102	Trachydemus				4				50
46020101	Echinoderes	2				25			
47	Nematoda				2				25
470304	Axonolaimidae	4				50			
47030404	GParodontophora		2	2	2		25	25	25
470401	Linhomoeidae	18	8	24	12	224	99	298	149
47040103	GTerschellingia	4		16	4	50		199	50
47040301	GSphaerolaimus	2			2	25			25
470404	Monhysteridae	4				50			
47040403	GTheristus	18	8	16	20	224	99	199	249
47050201	Microlaimus	4			2	50			25
470503	Desmodoridae	2				25			
47050305	Eubostrichus	16		4	2	199		50	25
470510	Comesomatidae	2				25			
47051001	GDorylaimopsis	6	20	4	40	75	249	50	497
47051002	GSabatieria	28	4	20	24	348	50	249	298
47051004	Metacomesoma	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	2	2			25	25		
470513	Choniolaimidae	2	2		4	25	25		50
47060201	Desmoscolex	4	4	4	4	50	50	50	50
47060202	Tricoma	12	4	6		149	50	75	
47110901	GHalalaimus	10	2	4	4	124	25	50	50
47110902	GOxystomina	2				25			
471114	Oncholaimidae				2				25
50014102	GAricidea		2	6	2		25	75	25
5001520103	Cossura delta		2				25		
61191102	Peltidium	2				25			
61192A0799	+Haloschizopera junodi	4		4		50		50	
61192A1001	Typhlamphiascus lamellifer	4		4		50		50	
6120	ACyclopoida	2				25			

SPECIES DIVERSITY AND EVENNESS

MEIOFAUNA

SPECIES DIVERSITY AND EVENNESS - MEIOFAUNA - CRUISE 1

Label		# Spe.	# Ind.	S-W	Pielou	Heip
780501PE0500286	T.B	45	1323	2.28	.599	.200
780501PE2000286	T.B	58	942	2.62	.645	.223
780501PN0500286	T.B	62	1451	2.85	.690	.267
780501PN2000286	T.B	60	1689	2.58	.631	.207
780501PS0500286	T.B	46	517	2.71	.708	.312
780501PS2000286	T.B	48	1301	2.13	.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	85	2282	3.26	.734	.298
780502PS0500286	T.B	71	1526	3.18	.745	.328
780502PS2000286	T.B	66	1938	2.81	.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	2.77	.613	.195
780503PE2000286	T.B	83	835	2.75	.623	.179
780503PN0500286	T.B	87	1116	1.96	.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	2.61	.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 286	T.B	50	2368	1.95	.499	.123
780522C 286	T.B	79	3273	1.95	.447	.077
780523C 286	T.B	50	500	1.97	.504	.126
780524C 286	T.B	46	558	2.80	.731	.342

SPECIES DIVERSITY AND EVENNESS - MEIOFAUNA - CRUISE 2

Label		# Spe.	# Ind.	S-W	Pielou	Heip
780801PE0500286	T.B	36	570	2.46	.687	.306
780801PE2000286	T.B	37	660	2.37	.656	.269
780801PN0500286	T.B	31	238	2.07	.602	.230
780801PN2000286	T.B	24	145	2.41	.758	.440
780801PS0500286	T.B	24	118	2.26	.710	.372
780801PS2000286	T.B	31	342	2.44	.709	.347
780801PW0500286	T.B	33	261	2.41	.689	.316
780801PW2000286	T.B	35	351	2.16	.608	.226
780802PE0500286	T.B	37	244	2.30	.637	.249
780802PE2000286	T.B	36	368	2.35	.656	.271
780802PN0500286	T.B	40	191	2.36	.639	.245
780802PN2000286	T.B	39	262	2.33	.637	.245
780802PS0500286	T.B	34	198	2.22	.631	.250
780802PS2000286	T.B	39	425	2.30	.629	.237
780802PW0500286	T.B	34	178	2.33	.659	.280
780802PW2000286	T.B	34	504	2.27	.643	.263
780803PE0500286	T.B	58	1264	1.88	.464	.098
780803PE2000286	T.B	48	401	1.99	.514	.134
780803PN0500286	T.B	70	814	2.48	.584	.159
780803PN2000286	T.B	57	901	1.65	.408	.075
780803PS0500286	T.B	43	202	2.46	.653	.254
780803PS2000286	T.B	26	663	1.46	.448	.132
780803PW0500286	T.B	56	1109	2.16	.538	.140
780803PW2000286	T.B	35	1172	1.77	.497	.143
780804PE0500286	T.B	57	2064	2.15	.533	.136
780804PE2000286	T.B	42	1189	2.13	.570	.181
780804PN0500286	T.B	57	2338	2.28	.564	.157
780804PN2000286	T.B	53	1587	1.83	.460	.100
780804PS0500286	T.B	56	2241	2.33	.580	.169
780804PS2000286	T.B	57	3485	2.01	.498	.116
780804PW0500286	T.B	48	1979	2.15	.555	.161
780804PW2000286	T.B	48	1351	2.09	.541	.151
780805SN0500286	T.B	35	714	2.02	.614	.252
780805SN2000286	T.B	30	646	1.98	.581	.214
780806SN0500286	T.B	12	22	2.19	.882	.723
780806SN2000286	T.B	13	41	2.00	.781	.534
780807SN0500286	T.B	22	33	2.28	.739	.420
780807SN2000286	T.B	26	409	1.50	.460	.139
780808SN0500286	T.B	34	1148	1.33	.378	.085
780808SN2000286	T.B	22	1105	1.15	.372	.103
780809SN0500286	T.B	25	496	1.42	.442	.131
780809SN2000286	T.B	24	59	2.17	.683	.337
780810SN0500286	T.B	43	390	2.78	.739	.360
780810SN2000286	T.B	60	864	2.78	.678	.256
780811SN0500286	T.B	43	468	2.73	.726	.342
780811SN2000286	T.B	51	1492	2.57	.654	.242
780812SN0500286	T.B	35	676	1.81	.509	.151
780812SN2000286	T.B	26	322	1.62	.523	.192
780813SN0500286	T.B	7	41	1.19	.614	.384
780813SN2000286	T.B	16	35	2.11	.762	.485
780814SN0500286	T.B	11	14	2.23	.932	.834
780814SN2000286	T.B	36	183	1.84	.515	.152
780815SN0500286	T.B	20	25	2.62	.873	.667
780815SN2000286	T.B	41	122	2.80	.755	.387
780816SN0500286	T.B	39	426	2.31	.630	.238
780816SN2000286	T.B	57	452	2.67	.659	.239
780817SN0500286	T.B	29	37	3.03	.900	.703
780817SN2000286	T.B	5	3	1.61	1.000	1.000
780818SN0500286	T.B	15	33	2.41	.889	.722
780818SN2000286	T.B	43	209	2.46	.653	.254
780819SN0500286	T.B	31	591	2.39	.697	.331
780819SN2000286	T.B	25	439	1.76	.546	.200
780820SN0500286	T.B	44	805	2.01	.531	.150
780820SN2000286	T.B	45	754	2.68	.704	.309
780821C 286	T.B	35	1136	2.31	.650	.267
780822C 286	T.B	18	228	1.42	.490	.184
780823C 286	T.B	57	1601	1.85	.459	.096
780824C 286	T.B	51	934	1.66	.423	.085

SPECIES DIVERSITY AND EVENNESS - MEIOFAUNA - CRUISE 3

Label		# Spe.	# Ind.	S-W	Pielou	Heip
790101PE0500286	T.B	27	281	2.46	.748	.414
790101PE2000286	T.B	42	313	2.86	.764	.400
790101PN0500286	T.B	20	86	2.38	.794	.515
790101PN2000286	T.B	31	327	2.61	.759	.418
790101PS0500286	T.B	35	271	2.67	.752	.397
790101PS2000286	T.B	44	244	2.88	.761	.391
790101PW0500286	T.B	34	368	2.58	.730	.368
790101PW2000286	T.B	52	438	2.79	.707	.300
790102PE0500286	T.B	32	163	2.50	.722	.361
790102PE2000286	T.B	44	687	2.73	.720	.332
790102PN0500286	T.B	36	274	2.65	.740	.376
790102PN2000286	T.B	51	630	2.91	.740	.347
790102PS0500286	T.B	34	644	2.57	.728	.365
790102PS2000286	T.B	31	429	2.53	.736	.383
790102PW0500286	T.B	40	252	2.58	.700	.314
790102PW2000286	T.B	39	354	2.74	.747	.379
790103PE0500286	T.B	57	648	3.10	.767	.378
790103PE2000286	T.B	64	1111	2.63	.631	.203
790103PN0500286	T.B	73	501	3.15	.734	.311
790103PN2000286	T.B	55	194	3.31	.827	.490
790103PS0500286	T.B	55	394	3.12	.778	.401
790103PS2000286	T.B	50	629	2.30	.588	.183
790103PW0500286	T.B	57	886	2.60	.644	.224
790103PW2000286	T.B	74	910	2.89	.672	.233
790104PE0500286	T.B	18	103	1.93	.668	.347
790104PE2000286	T.B	30	181	2.24	.658	.289
790104PN0500286	T.B	40	366	2.57	.698	.311
790104PN2000286	T.B	44	301	2.79	.737	.355
790104PS0500286	T.B	24	106	2.71	.852	.608
790104PS2000286	T.B	21	56	2.65	.871	.659
790104PW0500286	T.B	32	245	2.61	.754	.408
790104PW2000286	T.B	41	135	3.01	.811	.482
790121C 286	T.B	40	179	2.92	.793	.452
790122C 286	T.B	37	249	2.82	.780	.437
790123C 286	T.B	20	35	2.55	.851	.622
790124C 286	T.B	48	200	3.12	.806	.461

MACROINFAUNA TAXONOMY

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		2				
470401	Linhomoeidra		3		1	4	1
47051001	GDorylaimopsis						1
47051002	GSabatieria	31	2	1	1	3	4
47110401	GAnticoma						1
500102	Polynoidae	2				2	
50010218	GLepidasthenia			1			
5001080103	Paleanotus 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		2		1		
5001250115	Nephtys incisa	10	3	5	7	6	1
5001270104	Glycera americana				1		
5001290112	Onuphis nebulosa	1		2			
5001290201	Diopatra cuprea	5			1	3	1
5001310113	Lumbrinereis tenuis		1				
5001360102	SSchistomeringos caeca						1
5001410201	Aricidea suecica	4	1		2	2	
5001410301	Paraonis gracilis	2			1		1
500143	Spionidae	2					
5001430502	Prionospio cirrifera	4					
5001430508	Prionospio cirrobranchiata	2					
5001431701	Paraprionospio pinnata	193	237	147	108	272	77
5001440104	Magelona rosea						1
5001440109	Magelona phyllisae	37	22	19	36	25	11
5001460101	Poecilochaetus johnsoni						1
5001500307	Tharyx 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	9	7
5001680701	Pista cristata						1
51	Gastropoda					8	
5103230205	Vitrinella floridana	3	2	5	20		15
5110130201	Volvulella texasiana	1					1
55	Bivalvia	2				1	
5502040213	Nuculana concentrica	1				2	2
5515310209	Tellina versicolor				1		
5515350201	Abra aequalis		1				1
5517020201	Corbula contracta		1	1	1	3	
6162020A	GPentidotea					1	
6169020108	Ampelisca abdita					1	
6177020101	Acetes americanus		1				
6184	ABrachyura			2		1	
6189050899	?Chasmocarcinus mississippiensis					1	
7200020199	?Golfingia bulbosa		2	2	2	7	3
7200030199	?Aspidosiphon albus	4				1	
7700010203	Phoronis architecta						1
812903	Amphiuridae	2					
8129030102	Amphiodia atra	1					
8129030105	Amphiodia trychna					2	
81290309	GAmphioplus					2	
8129030903	Amphioplus coniortodes	2	1	1	1	2	1
8170	Holothuroidea				1		

780501PE2000287 T.8 MACROINFAUNA - TAXONOMY BLM287C1 12/18/79 16:15:48

Code	Organism name	A	B	C	D	E	F
370405	Sertulariidae						17
37040601	GHalecium						5
3704060115	Halecium bermudense						5
3756010101	Pelythoa texaensis		1				
43	Rhynchocoela	1	7	5	18	2	12
4303020209	Cerebratulus lacteus			1			2
470401	Linhomoeidra		4	7	13	15	10
47051001	GDorvilaimopsis	1					
47051002	GSabatieria	9	6		25	4	12
471114	Oncholaimidae		1		1		
500102	Polynoidae			1		1	
50010218	GLepidasthenia						1
5001060302	Sthenelais boa		1		1		
5001130110	Anaitides erythrophyllus				1		1
5001220103	Ancistrosyllis jonesi					1	2
5001220201	Sigambra tentaculata	2		1		1	1
50012404	GNereis		4			1	
5001250115	Nephtys incisa	5	8	4	3	3	7
5001270104	Glycera americana						1
5001290112	Onuphis nebulosa						2
5001290201	Diopatra cuprea	2			1	3	1
5001310113	Lumbrinereis tenuis				1		
5001310204	Ninoe nigripes					1	1
500141	Paraonidae			1		1	
5001410201	Aricidea suecica	2	3	5	1	4	7
5001410214	Aricidea fragilis	1					
5001410301	Paraonis gracilis						1
5001430502	Prionospio cirrifera						6
5001430506	Prionospio cirrobranchiata				3		
5001430510	Prionospio cristata				1		2
5001431001	Spiophanes bombyx						2
5001431701	Paraprionospio pinnata	53	63	79	175	114	297
5001432005	SMalacoceros vanderhorsti						1
5001440104	Magelona rosea					1	
5001440109	Magelona phyllisae	22	12	30	27	19	22
5001460101	Poecilochaetus johnsoni						1
5001500307	Tharyx marioni	1	6		2		3
50015007	Timarete					1	
5001520103	Cossura delta	7	5	3	7	11	9
5001580204	Armandia maculata						1
5001600306	Notomastus latericeus	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	4	3	25	21	59
5103230205	Vitrinella floridana	4	15	2		6	
5103760204	Natica pusilla				1		
5105100201	Olivella sayana						2
55	Bivalvia				1	1	
5502040213	Nuculana concentrica		1	1	2	2	3
5515310209	Tellina versicolor		1		1		
5515471501	Chione clenchi		1				
5517020201	Corbula contracta	1	3	1			1
6111040106	Sarsiella disparalis				1		
6154050801	Oxyurostylis smithi					1	
6168	AAmphipoda						1
6169020108	Ampelisca abdita	1					
6177020101	Acetes americanus				1		
6179140103	Alpheus floridanus			1			
6183120301	Euceramus praelongus					1	
6184	ABrachyura	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						3
8129030105	Amphiodia trychna		4		1	5	
8129030903	Amphioplus coniortodes		6	3	5	4	
8741020201	Neoconger mucronatus				1		
8741130802	Myrophis punctatus						1
8847010501	Gobionellus boleosoma		1				
8847011201	Gobioides broussonneti						1

780501PN05002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C1 12/18/79 16:15:48

Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis	2	1				
43	Rhynchocoela		11	3	2	22	5
4303020209	Cerebratulus lacteus					1	
470401	Linhomoeidra	1	1	3	1		3
47051002	GSabatieria	3	3	3	1	7	2
471109	Oxystominidae		1				
471114	Oncholaimidae		1	1			
471198	?Leptosomatidae (nematoda)					1	
500102	Polynoidae						1
5001021A	GLepidasthenia		1	2			
50010A0103	Paleanotus heteroseta	1					
5001130110	Anaitides erythrophyllus				1		
5001220102	Ancistrosyllis hartmanae						1
5001220103	Ancistrosyllis jonesi		2				
5001220201	Sigambra tentaculata		1			1	1
500124	Nereidae	13			2	11	
50012404	GNereis		14	16	9		6
5001250115	Nephtys incisa		2		3	1	3
5001270104	Glycera americana		1		1	1	4
5001290112	Onuphis nebulosa					1	1
5001290201	Diopatra cuprea	3	9	1		1	3
5001310113	Lumbrinereis tenuis	1					
5001410201	Aricidea suecica					1	3
5001430502	Prionospio cirrifera		1	1		1	
5001430507	Prionospio pygmaea						1
5001430706	Spio pettiboneae					1	
5001431701	Paraprionospio pinnata	10	111	50	61	123	82
5001440104	Magelona rosea						2
5001440109	Magelona phyllisae	24	65	47	48	48	33
5001500307	Tharyx marioni		5	5	2	1	3
50015007	Timarete			13	10	6	
5001520103	Cossura delta		1	1	1	4	4
5001580204	Armandia maculata	1			1		
5001600306	Notomastus latericeus				2	1	4
5001600402	Mediomastus californiensis	5	34	10	28	58	13
500163020201	Clymenella torquata calida	1	2	2	8	1	5
5001630203	Clymenella zonalis			2			
5001660302	Pectinaria gouldii				1		
5001670208	Ampharete acutifrons		1	6			
5001670211	Ampharete americana	2	6		8	9	10
5001680701	Pista cristata			1			1
5103230205	Vitrinella floridana				2		4
5103530202	Strombiformis bilineatus				1		
51037802	Cymatium					1	
5105030501	Cosmioconcha calliglypta						1
5105100201	Oliva sayana					1	
5110130201	Volvulella texasiana	1	1				
5502040213	Nuculana concentrica	2	5	1	4	1	5
551501	Lucinidae		1				
551509	Leptonidae					1	1
55153101	GMacoma						2
5515310209	Tellina versicolor	1	3	1	1		1
5515350201	Abra aequalis	1	1			1	
5517020201	Corbula contracta				2		1
6154050801	Oxyurostylis smithi		1				1
61690201	GAmpelisca			1			
6169020108	Ampelisca abdita					1	
6169330301	Listriella barnardi						1
6177020101	Acetes americanus						1
6179140103	Alpheus floridanus		1			1	
6184	ABrachyura	1					
61890604	GPinnixa	1					1
6191	Stomatopoda		1				1
6191010101	Squilla empusa		1				1
7200020198	?Golfingia trichocephala						1
7200020199	?Golfingia bulbosa		3	7	9	2	
7200030199	?Aspidosiphon albus		3		2	2	
812903	Amphiuridae		4	5			
8129030105	Amphiodia trychna				1	2	4
8129030903	Amphioplus coniortodes	2	3	3	1	4	3

780501PN20002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C1 12/18/79 16:15:48

Code	Organism name	A	B	C	D	E	F
3704010207	Obelia hyalina				4		
3756010101	Palythoa texaensis			1	1	1	
43	Rhynchocoela	7	4	3	4	15	8
4303020209	Cerebratulus lacteus	1		1			1
470401	Linhomoeidae		1				3
47051001	GDorylaimopsis					1	
47051002	GSabatieria	2	1	13	8	12	
471114	Oncholaimidae	1				1	
500102	Polynoidae					1	
50010218	GLepidasthenia				1		1
5001060302	Sthenelais boa				1	7	
5001080103	Paleanotus 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			1			
5001250115	Nephtys incisa	6	6	9	6	21	12
5001270104	Glycera americana			1		1	
5001290112	Onuphis nebulosa					1	
5001290201	Diopatra cuprea	2	1	1	2	10	7
50014102	GAricidea					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	2					
5001440109	Magelona phyllisae	23	24	21	28	19	15
5001440199	?Magelona filiformis				1		
5001500105	Cirratulus heggpethi	2	2				2
5001500307	Tharyx marioni		1	2		4	2
50015007	Timarete			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		1			
5001670211	Ampharete americana	24	11	27	6	32	62
5103230205	Vitrinella floridana	3		2	5	3	3
5110130201	Volvulella texasiana			1			2
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					1	
6183049999	?Gourretia Tatispina	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	1	
812903	Amphiuridae			1	4		
81290309	GAmphioplus			1			
8129030903	Amphioplus coniortodes	1	2	6	2	3	5
82010201	Balanoglossus					4	

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Code	Organism name	A	B	C	D	E	F
3704010207	Obelia hyalina			7			
370405	Sertulariidae			10			
37041101	GLovenella						9
43	Rhynchocoela	18	42	15	9	8	14
47	Nematoda			1			
470401	Linhomoeidra				2		2
47051001	GDorvleimopsis	1		1			1
47051002	GSabatieria	17	5	27	18	14	25
500102	Polynoidae	2			1		
5001018	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		1	
5001430508	Prionospio cirrobranchiata		1				
5001430510	Prionospio cristata	1					
5001431701	Paraprionospio pinnata	270	287	92	129	197	130
5001440104	Magelona rosea					1	
5001440109	Magelona phyllisae	17	21	18	11	32	10
5001490303	Spiochaetopterus oculatus						1
5001500307	Tharyx marioni		1		1	2	
50015007	Timarete		2	2		1	
5001520103	Cossura delta	4	8	7	11	13	13
5001600306	Notomastus latericeus	4	3		5	1	1
5001600402	Mediomastus californiensis	87	69	53	39	42	73
50016302	GClymenella					1	
5001630203	Clymenella zonalis			1			
5001670208	Ampharete acutifrons	1	1			1	
5001670211	Ampharete americana	9	11	13	5	1	17
51	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	Acetes americanus		2	1		5	2
6179140103	Alpheus floridanus			2	1		
72	Sipuncula	1					
7200020199	?Golfingia bulbosa			1	1	1	
8104	Asteroidea		1				
812903	Amphiuridae		1				
8129030105	Amphiodia trychna				1		
8129030903	Amphioplus coniortodes		1	1	1	2	
8791020101	Bregmaceros atlanticus			2	1		

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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	GDorvleimopsis		1				
47051002	GSabatieria	13	16	1	6	8	5
471114	Oncholaimidae	1	1				
471198	?Leptosomatidae (nematoda)					1	
500102	Polynoidae		2				
50010218	GLepidasthenia				1		
5001060302	Sthenelais boa	8				1	
5001130110	Anaitides 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
5001310115	Lumbrinereis 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	
5001430508	Prionospio cirrobranchiata		1				
5001431701	Paraprionospio pinnata	285	440	245	226	300	256
5001440109	Magelona phyllisae	5	8	25	7	8	10
5001500307	Tharyx marioni	1		1	1		
50015007	Timarete		2			1	
5001520103	Cossura delta	8	12	8	3	8	5
5001580204	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	Amaeana trilobata		1				
5103230205	Vitrinella floridana				2		
5110130201	Volvulella texasiana			1			
5515310209	Tellina versicolor				1		
6151	AMysidacea				12		
6153012101	Mysidopsis bigelowi			1			
6153012401	Promysis atlantica			1			
6154050801	Oxyurostylis smithi		1	1	2		1
61690603	GLembos	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	ABrachyura					2	
6187020201	Leiolambrus nitidus	1					
618905	Goneplacidae	1					
6189050401	Speocarcinus lobatus		1				
6189050899	?Chasmocarcinus mississippiensis	1				1	1
72000201?9	?Golfingia bulbosa	1			1	2	2
72000301?9	?Aspidosiphon albus				1		
7700010203	Phoronis architecta		1				
8129030102	Amphiodia atra			1	1		
8129030105	Amphiodia trychna	2					
81290309	GAmphioplus	1					
8129030903	Amphioplus coniortodes	2	1		1		
8741130802	Myrophis punctatus					1	
8791020101	Bregmaceros atlanticus	1					
8847011601	Bollmannia communis			1			

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	GSphaerolaimus					1	
47051002	GSabatieria	12	9		1	10	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		3		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
5001580204	Armandia maculata	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	
5103230203	Vitrinella helicoidea			2			
5103230205	Vitrinella floridana	2		3	6	36	1
5105040401	Cantharus cancellarius						2
55	Bivalvia	1					
5502040213	Nuculana concentrica		1	1	1	2	1
5515310123	Macoma pulleyi					1	
5515310209	Tellina versicolor	1				2	
5515471401	Aqriopoma texasiana	1					
5517020201	Corbula contracta					1	
55201001	GCardiomya		1				
61190902	*Halectinosoma					1	
6169020108	Ampelisca abdita					1	
6169330301	Listriella barnardi	1					
6177020101	Acetes americanus		3			5	
6179140103	Alpheus floridanus		1	2			
6184	ABrachyura		1			3	
6189050401	Speocarcinus 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	Amphioplus coniortodes		1	2			
8741130802	Myrophis punctatus	1					
8791020101	Bregmaceros atlanticus		1	2	1		

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis	1	1				
43	Rhynchocoela	7	4		2		9
4303020209	Cerebratulus lacteus						1
47051002	GSabatieria	3	12	4	9	5	8
471198	?Leptosomatidae (nematoda)					1	
500102	Polynoidae		1				
5001060302	Sthenelais boa		1				
5001080103	Paleanotus heteroseta		1				
5001130110	Anaitides erythrophyllus	1					
5001220103	Ancistrosyllis jonesi		2				
5001220201	Sigambra tentaculata			1	1		
50012404	GNereis			1			
5001250115	Nephtys incisa	10	6	3	6	4	2
5001290201	Dionatra cuprea		2	1	2	3	
500141	Paraonidae			1			
5001410201	Aricidea suecica	1			3	1	
5001430502	Prionospio cirrifera		2				
5001430508	Prionospio cirrobranchiata		1				
5001431701	Paraprionospio pinnata	80	114	50	46	94	21
5001440104	Magelona rosea						1
5001440109	Magelona phyllisae	5	10	8	2	3	16
5001500105	Cirratulus hedgpethi	1					
5001500307	Tharyx marioni	1			2	2	
50015007	Timarete	1					
5001520103	Cossura delta	1	9	2	4	1	
5001580204	Armandia maculata	3					
5001600306	Notomastus latericeus		3	1		2	
5001600402	Mediomastus californiensis	24	40	23	12	6	9
50016302	GClymenella				1		
500163020201	Clymenella torquata calida		1			1	
5001670211	Ampharete americana	4	16	1	1		
5001682301	Amaeana trilobata				1		
51	Gastropoda	1					
5103230205	Vitrinella floridana	1	6	2			
5103760204	Natica pusilla			1			
5103760407	Polinices duplicatus						1
5105030501	Cosmioconcha calliglypta			1			
5110130201	Volvulella texasiana				1		2
55	Bivalvia	1					
5502040213	Nuculana concentrica	1	1	2	1		
5515310209	Tellina versicolor		1		1		
6169330399	+Listriella quintana					1	
617701	Penaeidae					1	
6177020101	Acetes americanus					2	
6179140103	Alpheus floridanus			1		1	
6184	ABrachyura					1	
6189050401	Speocarcinus lobatus	1	1				
61890604	GPinnixa		1				
72000020199	?Golfingia bulbosa		1	1		2	1
72000030199	?Aspidosiphon albus			1		1	
8129030903	Amphioplus coniortodes		1				1
8741020201	Neoconger mucronatus						1
8741130802	Myrophis punctatus		1				

Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica	61					49
3743	Cerianthipatharia cerianthoria		1				
3756010101	Palythoa texaensis	8	12	8	3	6	8
37590101	GEdwardsia		1				
3760020201	Parenthus rapiformis			1	1	1	
3760040101	Calliactis tricolor			1			
43	Rhynchocoela	51	68	34	54	23	31
4303020209	Cerebratulus lacteus						1
47	Nematoda	6					
470401	Linhomoeidra			1			
47051001	GDorylaimopsis			1			
47051002	GSabatieria		11	15	4		
470513	Choniolaimidae		1				
47110401	GAnticoma		1	1			
471114	Oncholaimidae		5	11	2		
500102	Polynoidae		1		1		
5001021105	Lepidonotus variabilis			1	2		
50010218	GLepidasthenia	3	4	2	7	3	1
5001060302	Sthenelais boa	10	11		2	3	1
5001130110	Anaitides erythrophyllus	4	5	6	11	5	1
5001210103	Gyptis vittata		3				
5001220105	Ancistrosyllis jonesi	2	1	1	6		
5001220201	Sigambra tentaculata	3	5	7	5	3	4
5001220203	Sigambra wassi				1		
5001240103	Ceratonereis irritabilis	1					1
50012404	GNereis	18	12	13	10	5	9
5001240410	Nereis succinea	1	2	1	6		2
50012406	GCeratocephale				1		
5001250110	Nephtys bucera				4		
5001250115	Nephtys incisa	3					
5001250116	Nephtys magellanica		1			1	
5001250303	Aglaophamus verrilli		2			3	3
5001270104	Glycera americana	2	1		3	1	1
5001290201	Diopatra cuprea	14	20	11	29	32	23
5001300201	Marphysa sanguinea		1	1			
5001310113	Lumbrineris tenuis		6			1	1
5001410201	Aricidea suecica	2	3	6			1
5001410214	Aricidea fragilis				3		
50014304	GPolydora			1	9		10
5001430402	Polydora socialis	1					
5001430411	Polydora ligni		2		2		2
5001430502	Prionospio cirrifera	7	26	2	3	5	4
5001430507	Prionospio pygmaea		1			1	
5001430510	Prionospio cristata	5	22	15	14	2	3
5001431001	Spiophanes bombyx	57	37	22	115	64	127
5001431701	Paraprionospio pinnata	65	7	104	130	77	63
5001440104	Magelona rosea	1	1	5	4	2	3
5001440109	Magelona phyllisae	163	111	178	252	28	37
5001440199	?Magelona filiformis		1				
5001460101	Poecilochaetus johnsoni	1		2	1	2	
5001490303	Spiochaetopterus oculatus			2	2		
5001500307	Tharyx marioni	6	3	6		1	
50015007	Timarete		11		5	1	4
5001520103	Cossura delta				1		
50015404	GDiplocirrus			1			
5001600306	Notomastus latericeus	2	4				
5001600402	Mediomastus californiensis	3	49	160	111	4	15
5001630201	Clymenella torquata calida						1
5001630203	Clymenella zonalis	1		1			
5001640102	Owenia fusiformis	7	27	15	22	36	71
5001640302	Myriowenia californiensis	2	12	1	7	7	4
5001660302	Pectinaria gouldii		1			1	
5001670208	Ampharete acutifrons	2	6	9	13	1	6
5001670211	Ampharete americana	27	47	49	49	6	15
5001682002	Loimia viridis				1		
5001682203	Terebella rubra		1				
5001682501	Amaeana trilobata			1			
500170	Sabellidae						1
5001700402	Megalomma bioculata	6	3	7	6	3	1
5001730902	Hydroides protulicola					1	
51	Gastropoda		3	1		1	
5103230205	Vitrinella floridana		3	2	8		1
5103530202	Strombiformis bilineatus			1			
5103730104	Atlanta peronii				1		
5103760407	Polinices duplicatus					1	
5105030501	Cosmioconcha calliglypta			1			
5105040401	Cantharus cancellarius		2	1	2	2	
5106040101	Terebra dislocata					2	
51080101	GOdostomia				1		
5110010101	Acteon punctostriatus				2		1
5110050106	Philine sagra		1				

55	Bivalvia			1	1		1
5502020204	Nucula proxima			2	3		
5502040213	Nuculana concentrica	2	2	6			
550601	Arcidae		3	1	5	1	2
551509	Leptonidae				1		
5515250301	Mulinia lateralis	1	1	4		1	
5515250701	Raeta plicatella	1	3	2			
5515290202	Solen viridis		1		1		
5515310123	Macoma pulleyi		1	1	2		
5515310209	Tellina versicolor	3	15	19	13	1	8
5515350201	Abra aequalis	41	124	65	88	11	19
5515480102	Petricola pholadiformis		2	2	2		
5517020201	Corbula contracta		7	3	1	2	
5518010401	Barnea truncata		1				
552005020601	Lyonsia hyalina floridana				1		
61190902	*Halectinosoma			1	1		
6154	ACumacea				1		
6154050801	Oxyurostylis smithi	1	9	3	1	1	
61620208	GPentidotea	1	18	6			
6169020108	Ampelisca abdita	19	26	8	11	20	12
6169150703	Unciola irrorata	1					
6169260299	?Photis macromanus		5	4	2	1	
61694807 99	?Parametopella texensis					1	
6177010202	Trachypenaeus similis						1
6177020101	Acetes americanus			1	1	1	
6179140301	Automate evermanni		1			1	
6179170101	Processa hemphilli	1		1			
6183040299	?Callianassa biformis					1	
6183049999	?Gourretia latispina					1	
618306	Paguridae				1	1	
6183060237	Pagurus bonairensis	3					
6183120301	Euceramus praelongus		1	1			1
61831205	GPorcellana				1	1	
6184	ABrachyura	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	Lingula		1				
8106010502	Astropecten duplicatus		1				
8129020201	Hemipholas elongata		1		3		
8129030102	Amphiodia atra				3		
8172060306	Pentamera pulcherrima				1		
82010201	Balanoglossus	7	25	11	25	5	8

Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica				59		
3743	Ceriantipetharia ceriantharia			1			1
3756010101	Palythoa texaensis	1	6	2	1	5	3
3760010299	?Anthopleura krebsi	1	1		2	1	2
3760020201	Paranthus rapiformis		1			1	1
43	Rhynchocoela	46	35	46	52	42	14
470401	Linhomoeidae		1	2		4	
47051001	GDorvilaimopsis			3			
47051002	GSabatieria			4		3	
4711111	Phanodermatidae					1	
4711114	Oncholaimidae		1	1			
5001021104	Lepidonotus sublevis		1				
50010218	GLepidasthenia	1	1	1	1	3	
5001060302	Sthenelais boa	2	5	5	1	6	6
5001130110	Anaitides erythrophyllus	1	1	3	2	2	2
5001210103	Gyptis vittata						1
5001220103	Ancistrosyllis jonesi	2		1	2	4	1
5001220201	Sigambra tentaculata	5	1	11	5	5	2
5001220203	Sigambra wassi	1		1			
500124	Nereidae					5	
5001240103	Ceratonereis irritabilis					1	
50012404	GNereis	13	1	13	14		
5001250115	Nephtys incisa		1	1			4
5001250303	Aglaophamus verrilli						2
5001270104	Glycera americana		4	3	4	3	5
5001280104	Glycinde solitaria		2				
5001280106	Glycinde nordmanni	1					
5001290201	Diopatra cuprea	8	6	8	9	5	5
5001310113	Lumbrineris tenuis		1				1
5001410201	Aricidea suecica	1	1	5		2	1
50014304	GPolydora			2		6	
5001430402	Polydora socialis		1				
5001430411	Polydora ligni					4	
5001430502	Prionospio cirrifera			3	3	4	
5001430510	Prionospio cristata			4	2	1	3
5001431001	Spiophanes bombyx			2	1	2	1
5001431701	Paraprionospio pinnata	180	90	154	179	158	125
5001440104	Magelona rosea	8	1	2	2	2	
5001440109	Magelona phyllisae	67	4	81	54	18	25
5001500307	Tharyx marioni	10		5	1		
50015007	Timarete	5	2	6	4	6	3
5001520103	Cossura delta		1	1	1	4	
5001600306	Notomastus latericeus	2	1	3	1	4	1
5001600402	Mediomastus californiensis	10	4	7	13	45	
5001630201	Clymenella torquata calida		3	3	1		1
5001630203	Clymenella zonalis	3		3			
5001640102	Owenia fusiformis	9	3	4	2	2	1
5001640302	Myriowenia californiensis			2	1		
5001670208	Ampharete acutifrons	6	3	1	6	8	7
5001670211	Ampharete americana	59	67	126	59	91	62
5001670504	Melinna maculata				1		
5001700402	Megalomma bioculata	2	4	9	4	7	1
5103230205	Vitrinella floridana						1
5103230502	Teinostoma biscaynense	1					
510376	Naticidae		1				
5105040401	Cantharus cancellarius					2	
51080101	GOdostomia		1				
5110130201	Volvulella texasiana	1			2	2	
55	Bivalvia			2			
5502020204	Nucula proxima				1		
5502040213	Nuculana concentrica	3	24	27	15	26	6
550601	Arcidae						1
5515050104	Diplodonta soror			1			
5515250301	Mulinia lateralis			2			
5515290202	Solen viridis		1				
5515310209	Tellina versicolor	3	25	12	23	10	4
5515350201	Abra aequalis	14		10	33	33	7
5515470901	Dosinia discus		1				
5515471401	Agriopoma texasiana					1	
5515471501	Chione cancellata			1			
5517020201	Corbula contracta	1		4	2	4	1
552005020601	Lyonsia hyalina floridana			1			
55201001	GCardiomya		1				
55201103	Verticordia			1			
6111040106	Sarsiella disparalis				1		
6154	ACumacea		1				
6154010105	Lamprops quadriplicata	1					
6154050801	Oxyurostylis smithi			2	1	1	1
61620208	GPentidotea				1		1
6169020108	Ampelisca abdita	6	19	15	6	7	16
6169260299	?Photis macromanus					1	

61694807 99	?Parametopella texensis					1	
61710109 01	Paracaprella tenuis					4	
61791403 01	Automate evermanni			2			
61830602 37	Pagurus bonairensis						1
6184	ABrachyura		1				1
61890106	GPortunus	1					
61890604	GPinnixa	1	1	2	1		
72000201 98	?Golfingia trichocephala			3			
72000201 99	?Golfingia bulbosa	67	18	63	46	38	36
72000301 99	?Aspidosiphon albus	2	1		4	1	
77000102 03	Phoronis architecta		1			1	1
8120	Ophiuroidea	1					
81290202 01	Hemipholas elongata				1		
81720603 06	Pentamera pulcherrima	1					
82010201	Balanoglossus		7	4		2	1

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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica				9		
3743	Cerianthipatharia cerianthoria	1		3	1		1
3756010101	Palythoa texaensis	4	7	11	11	3	7
37590101	GEdwardsia				2		
3760010299	?Anthopleura krebsi	2		1			
3760020201	Paranthus rapiformis	3	2	1	4	2	
3901	Turbellaria	1					
43	Rhynchocoela	45	42	55	42	23	36
470401	Linhomoeidra			3			
47040301	GSphaerolaimus	1					
47040403	GTheristus	1					
47051001	GDorylaimopsis	7			5		
47051002	GSabatieria	8		12	6	1	1
470513	Chromadoridae				1		
47110401	GAnticoma	1		1			
471111	Phanodermatidae	1		1			
471114	Oncholaimidae	15		3	5	2	3
500102	Polynoidae			1			
50010205	GEunoa						1
5001021104	Lepidonotus sublevis	2	1				
50010218	GLepidasthenia	5	1	1		1	4
5001060302	Sthenelais boa	1	8	14	8	4	
5001130110	Analtides erythrophyllus	7	6	5	13	6	6
5001210103	Gyptis vittata	1	1	2	1		
5001220103	Anciatrosyllis jonesi		1	1			
5001220201	Sigambra tentaculata	10	5	14	9	3	8
5001220203	Sigambra wassi		1				
500123	Syllidae						1
5001240103	Ceratonereis irritabilis			1			
50012404	GNereis	6	14	8		4	14
5001240410	Nereis succinea	7	2		1	2	
5001250114	Nephtys bucera						1
5001250115	Nephtys incisa			2	3	1	
5001250116	Nephtys magellanica		3				
5001250303	Aglaophamus verrilli			1			
5001270104	Glycera americana	1	1	1	2	2	1
5001280108	Glycinde solitaria			1			
5001280106	Glycinde nordmanni		1				
5001280206	Goniada teres				1		
5001290201	Diopatra cuprea	28	29	15	9	3	14
5001310113	Lumbrineris tenuis		1	2	1		
5001410201	Aricidea suecica			3	1		
50014304	GPolydora	72					5
5001430402	Polydora socialis			10	2		
5001430411	Polydora ligni	45				1	
5001430502	Prionospio cirrifera	16	2	6		2	4
5001430507	Prionospio pygmaea					1	
5001430508	Prionospio cirrobranchiata						1
5001430510	Prionospio cristata	21	7	9	10	8	37
5001431001	Spiophanes bombyx	90	115	58	96	92	86
5001431701	Paraprionospio pinnata	75	79	119	97	96	85
5001432005	SMalacoceros vanderhorsti			1		1	
5001440104	Magelona rosea	1	1	7			3
5001440109	Magelona phyllisae	5	180	26	14	11	36
5001460101	Poecilochaetus johnsoni		1		2	1	
5001490303	Spiochaetopterus oculatus				2		1
5001500307	Tharyx marioni	1	2	3	2	1	1
50015007	Timarete		2	3	1	1	2
5001520103	Cossura delta			1			1
50015404	GDiplocirrus			1			
5001600306	Notomastus latericeus	2	2	1			
5001600402	Mediomastus californiensis	198	60	126	37	7	88
50016302020201	Clymenella torquata calida				1		
5001630203	Clymenella zonalis		1				
5001640102	Owenia fusiformis	1	28	16	42	3	20
5001660302	Pectinaria gouldii			4			2
5001670208	Ampharete acutifrons	3	12	1	3	2	8
5001670211	Ampharete americana	83	78	157	13	1	5
5001680701	Pista cristata			1			
5001680707	Pista palmata	1					1
5001682002	Loimia viridis	2					4
5001700402	Megalomma bioculata	1	9	7		1	13
5002050102	Polygordius appendiculatus			1			
51	Gastropoda					1	
5103230205	Vitrinella floridana		2		1	1	4
5103760204	Natica pusilla		1				1
5105010501	Cosmioconcha calliglypta			1			
5105040401	Cantharus cancellarius				2		
5105080106	Nassarius acutus					1	
5110010101	Acteon punctostriatus			1	2	1	
55	Bivalvia	9			1		

5502020204	Nucula proxima		2	3	2		
5502040213	Nuculana concentrica	7	4	10	2		
550601	Arcidae	1	1		1	1	
5515250301	Mulinia lateralis	9	8	4	1	2	2
5515250701	Raeta plicatella		1	1	4	4	
5515290202	Solen viridis				2	1	
5515310209	Tellina versicolor	5	6	63	21	18	28
5515350201	Abra aequalis	109	49	199	98	100	98
5515471401	Agriopoma texasiana						1
5515480102	Petricola pholadiformis	3	2	3			3
5517020201	Corbula contracta	7		4			
5518010401	Bernea truncata	3					
5520020110	Pandora bushiana						1
552005020601	Lyonsia hyalina floridana			1			
61190902	*Halectinosoma					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	Cerapus tubularis					1	
6169150201	Corophium acherusicum	1					
6169150302	Erichthonius brasiliensis	2					2
6169260299	?Photis macromanus		2	1		1	
6169370820	Monoculodes edwardsi			1			
61694807 99	?Parametopella texensis	1					
617701	Penaeidae				1		
6177020101	Acetes americanus	1	1	1	2	2	3
6179170101	Processa hemphilli					1	
6183060237	Pagurus bonairensis		1				1
6185120301	Euceramus praelongus			1			
6184	AABrachyura	6		3			
61890106	GPortunus	1					1
618902	Xanthidae		1				
61890604	GPinnixa			1	1	1	3
72000201 98	?Golfingia trichocephala	1					
72000201 99	?Golfingia bulbosa	12	33	48	16	12	26
72000301 99	?Aspidosiphon albus		1	1	5	1	2
73	Echiura	33		1			3
7700010203	Phoronis architecta		7	7	41	10	3
8120	Ophiuroidea	7					
8129020201	Hemipholas elongata		1	2	1		4
8129030102	Amphiodia atra				1		
8172049999	?Paraphyllophorus parvus			1			
8172060306	Pentamera pulcherrima						1
82010201	Balanoglossus		18	1	10	6	3

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Code	Organism name	A	B	C	D	E	F
3743	Ceriantipatharia ceriantharia	1					
3756010101	Palythoa texaensis	1	4	2	3	2	2
3760010299	?Anthopleura krebsi	1	2	1	2	1	1
3760020201	Paranthus rapiformis	4	5	3	2	2	5
43	Rhynchocoela	25	44	87	66	56	52
4303	Heteronemertea				2		
4303020209	Cerebratulus lacteus					1	
470401	Linhomoeidra				1	1	1
47051001	GDorvilaimopsis			3			
47051002	GSabatieria	2		38	4	2	4
47110401	GAnticoma			1			
471111	Phanodermatidae		2	1	1	1	
471114	Oncholaimidae	3	1	28	6	1	3
500102	Polynoidae	1	1			1	
500110205	GEunoe			1			
500110218	GLepidasthenia					1	
5001060302	Sthenelais boa		9	4	4	2	9
5001080103	Paleanotus heteroseta						1
5001130110	Anaitides erythrophylius	4	4	8	10	5	8
5001210103	Gyptis vittata	2				1	2
5001210402	Ophiodromus obscura			1			
5001220102	Ancistrosyllis hartmanae				1		
5001220103	Ancistrosyllis jonesi					2	
5001220201	Sigambra tentaculata	3	10	9	3	2	3
5001220203	Sigambra wassi			2			1
50012404	GNereis	3	10	1	8	5	7
5001250115	Nephtys incisa		2				
5001250116	Nephtys magellanica			3			
5001270104	Glycera americana	1	3	5		1	6
500128	Goniadidae				1		
5001280104	Glycinde solitaria						1
5001280106	Glycinde nordmanni	1		2		2	
5001290201	Diopatra cuprea	6	3	15	2	4	18
5001310113	Lumbrineris tenuis	1		3	2		
50014304	GPolydora	1	1	4	1		
5001430402	Polydora socialis						1
5001430502	Prionospio cirrifera		3	10	2	4	4
5001430507	Prionospio pygmaea			7			5
5001430508	Prionospio cirrobranchiata				1		
5001430510	Prionospio cristata		2			1	
5001431001	Spiophanes bombyx	3	5	60	4	5	22
5001431701	Paraprionospio pinnata	47	136	159	152		34
5001440104	Magelona rosea		1	1	2		1
5001440109	Magelona phyllisae	28	118	52	41	67	66
5001490303	Spiochaetopterus oculatus			2			1
5001500105	Cirratulus hedgpethi				1		
5001500307	Tharyx marioni		7	15	1		9
50015007	Timarete		2	3	5	6	2
5001520103	Cossura delta						1
50015404	GDiplocirrus		1	1			1
5001600306	Notomastus latericeus			2	1	2	
5001600402	Medomastus californiensis	35	47	347	74	6	151
5001630103	Asychis elongata	1					
500163020201	Clymenella torquata calida		1	1	2		2
5001630203	Clymenella zonalis	2	3	5		7	1
5001640102	Owenia fusiformis	3	11	11	5	2	7
5001660302	Pectinaria gouldii				6		
5001670208	Ampharete acutifrons	6	8	5	7	3	1
5001670211	Ampharete americana	15	34	94	100	18	75
500170	Sabellidae	1	1				
50017001	GChone		1				
5001700402	Megalomma bioculata	6	15	10	4	7	13
51	Gastropoda		3		1		2
5103230205	Vitrinella floridana			3	1		1
5103410101	Architectonica nobilis			1			
5103530202	Strombiformis bilineatus				1		
5103760204	Natica pusilla						2
5103760407	Polinices duplicatus			1			
5103760501	Sinum perspectivum	2					
5105080106	Nassarius acutus		1				1
5106040101	Terebra dislocata						2
5108010I	GOdostomia						2
5110010101	Acteon punctostriatus					2	5
5110040401	Cylichnella bidentata			1			
5502040213	Nucula na concentrica	1	4	17	6	7	30
550601	Arcidae	1		2		1	
5507020101	Atrina seminuda				2		
5515010601	Linga amiantus			2			
5515250301	Mulinia lateralis	3	33	38	42	6	38
5515250701	Raeta plicatella				5		2
5515290202	Solen viridis	1	2	2	1		1

5515310123	Macoma pulleyi			4			
5515310209	Tellina versicolor	4	5	33	6	11	23
5515350201	Abra aequalis	6	44	58	42	19	73
5515471401	Agriopoma texasiana					1	1
5517020201	Corbula contracta		3	1		1	
552005020601	Lyonsia hyalina floridana				1		
55201103	Verticordia			2			
6154050801	Oxyurostylis smithi		8	1	5		8
61620208	GPentidotea	2	11	4	33	1	22
6169020108	Ampelisca abdita	1	4	4	4	2	5
617701	Penaeidae		3		1		
6177020101	Acetes americanus	1	1	1			8
618306	Paguridae						
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	1	10
8129030102	Amphiodia atra	1	2	1		5	
8129030105	Amphiodia trychna		1				
8172060306	Pentamera pulcherrima			1			
82010201	Halanoglossus						1

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Code	Organism name	A	B	C	D	E	F
3450320401	Ammoscalaria pseudospiralis						1
3453670199	?Cibicides concentricus						1
3704010501	Clytia cylindrica			49			
3743	Ceriantipatharia ceriantharia	2	1				
3756010101	Palythoa texaensis	4	8	1	3	8	3
37590101	GEdwardsia			1			
3760010299	?Anthopleura krebsi		1			1	
3760020201	Paranthus rapiformis	2	1			2	2
3901	Turbellaria				1		
43	Rhynchocoela	20	25	52	63	63	27
470401	Linhomoeidae			1	1	1	
47051002	GSabatieria		2	6	12	3	2
470515	Thoracostomopsidae				1		
47110401	GAnticoma				1		
471111	Phanodermatidae	1	1		1		
471114	Oncholaimidae	3	2	4	2	1	
471199	?Enchelididae	1			2		
500102	Polynoidae		3	1			
50010201105	Lepidonotus variabilis				1		
50010218	GLepidasthenia	2		1	1		3
5001060302	Sthenelais boa	15	9	6	3	4	4
5001130110	Anaitides erythrophyllus	5	4	14	5	4	2
5001210103	Gyptis vittata	2		2			1
5001210402	Ophiodromus obscura		2				
5001220103	Anciatrosyllis longsi	2		8	3	1	
5001220201	Sigambra tentaculata	5	21	16	11	4	
5001220203	Sigambra wassi				1		
500124	Nereidae		4				
50012404	GNereis	1	14	5		9	2
5001240410	Nereis succinea	5	4	1	7		
5001250114	Nephtys bucera	2					
5001250115	Nephtys incisa				2	2	1
5001250303	Aglaophamus verrilli					2	6
5001280104	Glycinde solitaria			3	1		
5001290201	Diopatra cuprea	20	24	9	16	5	4
5001300201	Marphysa sanguinea	1					
5001310113	Lumbrineris tenuis			2	1		
5001410201	Aricidea suecica		2	2	1		
5001410601	Cirrophorus lyriformis		1				
50014304	GPolydora	13	3	22	6	1	
5001430402	Polydora socialis		13				
5001430411	Polydora ligni			2		1	
5001430502	Prionospio cirrifera	4	5	6	5	2	1
5001430507	Prionospio pygmaea	1	3	2			
5001430508	Prionospio cirrobranchiata					1	
5001430510	Prionospio cristata			1	1	2	1
5001430806	Boccardia hamata	1					
5001431001	Spiophanes bombyx	1	9	4	7	36	35
5001431701	Paraprionospio pinnata	118	122	233	84	199	63
5001440104	Magelona rosea		4	2	8	2	2
5001440109	Magelona phyllisae	1	21	24	8	61	37
5001460101	Poecilochaetus johnsoni	1					
5001500105	Cirratulus hedgpethi				1		
5001500304	Theryx setigera	3	1		3	4	1
5001500307	Theryx marioni		1	1		1	
50015007	Timarete						1
5001520103	Cossura delta	2					
50015404	GDiplocirrus		1	3	1		
5001580204	Armandia maculata		1	2	3	2	1
5001600306	Notomastus latericeus	11	102	69	7	36	108
5001600402	Mediomastus californiensis	1	5	2	2	3	
5001630202201	Clymenella torquata calida						
5001630203	Clymenella zonalis	6	5	12	5	3	29
5001640102	Owenia fusiformis					2	1
5001640302	Myriowenia californiensis	3	2	4		4	
5001670208	Amphicteis scutifrons	122	68	138	67	68	1
5001670211	Amphicteis americana	1					
5001680206	Eupolymnia crassicornis			1			
500170	Sabellidae	1	2	4	2	4	2
5001700402	Megalomma bioculata				1		1
51	Gastropoda	2			1		8
5103230205	Vitrinella floridana			1	2		
5103760501	Sinum perspectivum	3					
5105030501	Cosmioconcha calliglypta	1			1		2
5105040401	Cantharus cancellarius	3					5
51080101	GOdostomia						1
5110010101	Acteon punctostriatus			1			
51100501	GPhilline	2			1		
5110130201	Volvulella texasiana	1					
5114020201	Williamia krebsii	1		2	1	2	
55	Bivalvia						

5502020204	Nucula proxima	2			2		
5502040213	Nuculana concentrica	27	3	11	20	2	9
550601	Arcidae	3			5	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	9	13	40	22
5515350201	Abra aequalis	136	33	23	110	82	14
5515470901	Dosinia discus			1			
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					1	
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	
61620204	GPentidotea	1	3	9	2	2	
6168	AAmphipoda		1		2		
61690201	GAmpelisca		1				
6169020108	Ampelisca abdita	11	7	7	14	5	7
6169260299	?Photis macromanus				17		2
6169480799	?Parametopella texansis	1					
617701	Penaeidae	3		2			
617701010101	Penaeus aztecus aztecus	1					
617702	Sergestidae					1	
6177020101	Acetes americanus		1				
6179140301	Automate evermanni				2		
6179170101	Processa hemphilli		1			1	
6183120301	Euceramus praelongus					1	
6184	ABrachyura	4			3	2	2
6186020201	Hepatus epheliticus						1
6186030102	Persephona crinita			1			
6187010901	Libinia dubia	1					
61890106	GPortunus			1			
6189020601	Hexapanopeus angustifrons	5					
6189050401	Speocarcinus lobatus	1			3		
61890604	GPinnixa	2	1	1	4		
72000020198	?Golfingia trichocephala						4
72000020199	?Golfingia bulbosa	16	15	20	33	19	21
72000020401	Phascolion strombi	1				1	
72000030199	?Aspidosiphon albus	2			4	1	1
73	Echiura	5	1		19		
77000010203	Phoronis architecta	2	2	9	5	4	18
78060101	GAeverrillia			85	12		
8106010502	Astropecten duplicatus			2			
8120	Ophiuroidea			1			
81290201	Hemipholas elongata	1	1			1	
81290302	Amphiodia atra	1	2				1
81290309	Amphioplus coniortodes						1
81720603	Pentamera pulcherrima		1			1	
82010201	Balanoglossus	2		3	6	6	

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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica						
3743	Cerianthipatheria cerianthoria				6		
3756010101	Palythoa texaensis	1					
3760010299	?Anthopleura krebsi			3	1		
3760020201	Parenthus rapiformis			1			
43	Rhynchocoela				1		
4303	Heteronemertea	15	36	32	28	16	28
47	Nematoda		2				
470401	Linhomoeidra			2			
470513	Chonioloimidae		2		1		
471111	Phanodermatidae			1			
500102	Polynoidae			1			
50010218	GLepidasthenia	2			4	2	
5001060302	Sthenelais boa	5	2	1	4		
5001130110	Analitidea erythrophyllus	5	5	4	2	4	3
5001220201	Sigambra tentaculata	2	1	2	1		2
500124	Nereidae		2	2	3	3	4
5001240103	Ceratonereis irritabilis	1	2		3		
50012404	GNereis				1		
5001250114	Nephtys bucera	2		3	11	7	
5001270104	Glycera americana	1					
5001280104	Glycinde solitaria	1	4	2	3	2	2
5001290201	Diopatra cuprea		2				1
5001310113	Lumbrinereis tenuis	10	5	3	5	7	3
5001410201	Aricidea suecica	1		1			2
5001410214	Aricidea fragilis	1	2	4	8	3	1
50014304	GPolydora					3	
5001430402	Polydora socialis		2		5		
5001430411	Polydora ligni					3	
5001430502	Prionospio cirrifera	3		1			
5001430507	Prionospio pygmaea	2			5	3	
5001430508	Prionospio cirrobranchiata	1	3	2	3	2	3
50014308	GBoccardia				2	1	
5001431001	Spiophanes bombyx					2	
5001431701	Pareprionospio pinnata	116	92	76	125	127	62
5001440104	Magelona rosea	1	5	2	3		
5001440109	Magelona phyllisae	19	14	9	2	39	4
5001440199	?Magelona filiformis			1			
5001460101	Poecilochaetus johnsoni					1	
5001490303	Spiochaetopterus oculatus	1					
5001500307	Tharyx marioni			1	1	1	1
5001520103	Cossura delta			2			2
50015404	GDiplocirrus				1		
5001580204	Armandia maculata				3		
5001600306	Notomastus latericeus		1	3		1	3
5001600402	Mediomastus californiensis	29	19	22	79	11	94
500163020201	Clymenella torquata calida	2		1		1	
5001630203	Clymenella zonalis			2			2
5001640102	Owenia fusiformis	2	1	3	6	2	4
5001670208	Ampharete acutifrons	5	7	9	3	8	4
5001670211	Ampharete americana	45	108	83	74	110	59
5001700402	Megalomma bioculata	1		4			2
5103230205	Vitrinella floridana	2					
5103530202	Strombiformis bilineatus				1		
510376	Naticidae					1	
5103760501	Sinum perspectivum				2		
5105080106	Nassarius acutus			1		2	
5106040101	Terebra dislocata						
5110010101	Acteon punctostriatus				1		
5110050106	Philine aegra					2	
5110130201	Volvulella texasiana	1	2	4	2	2	3
5502020204	Nucula proxima		1	4	3	5	
5502040213	Nuculana concentrica	7	27	33	23	41	17
550601	Arcidae						1
551509	Leptonidae				4		
5515250301	Mulinia lateralis			1			
5515260701	Raeta plicatella					1	
5515290202	Solen viridis						
5515310209	Tellina versicolor	8	9	16	10	19	1
5515350201	Abra aequalis	2	5	7	5	27	4
5515471501	Chione clenchi			2	3		
5515480102	Petricola pholadiformis				2		
5517020201	Corbula contracta	1	6	1	28	20	1
5518010401	Barnea truncata				1		
5520020110	Pandora bushiana	1					
552005020601	Lyonsia hyalina floridana	1					
55201001	GCardiomya						1
6111050301	Euconchoecia chierchiae					1	
61190902	*Halectinosoma			1			
61620208	GPentidotea		1				
6168	AAmphipoda	2					

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

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Code	Organism name	A	B	C	D	E	F
3743	Cerianthopsis cerianthoides		2		1		
3756010101	Polythoe texaensis	10	5	5	4	3	5
37590101	GEdwardsia		1				
3760020201	Paranthus rapiformis	3	1	1	2	1	5
3760040101	Calliactis tricolor	2					
3901	Turbellaria				1		1
43	Rhynchocoela	10	23	37	23	46	13
4503020209	Cerebratulus lacteus						2
470401	Linhomoeidra					1	
47051001	GDorylaimopsis			1	2		
47051002	GSabatieria	6		9	11	1	3
47051004	Metecomesoma				1		
47110401	GAnticoma			1			
471111	Phanodermatidae			5			2
471114	Oncholaimidae	1		6	13	3	2
5001021104	Lepidonotus sublevis		1				
5001021105	Lepidonotus variabilis			1	2		
50010218	GLepidasthenia		1	3		5	
5001060302	Sthenelais boa	3	5	7	7	5	3
5001080105	Paleanotus heteroseta						1
5001130104	Analtides mucosa	2					
5001130110	Analtides erythrophyllus	8	12	10	4	6	7
5001210103	Gyptis vittata		1		1		
5001210402	Ophiodromus obscura					1	
5001220103	Ancistrosyllis longei		1				1
5001220105	Ancistrosyllis papillosa				3		
5001220201	Sigambra tentaculata	6	2	2	4	2	1
500124	Nereidae					1	2
5001240103	Ceratonereis irritabilis		2				
50012404	GNereis	1	6	8	10	3	
5001240410	Nereis succinea	7	3	8	6	5	6
5001250114	Nephtys bucera	1	2			3	
5001250115	Nephtys incisa			1			4
5001250146	Nephtys magellanica		1		2		
5001250303	Aglaophamus verrilli	5	3	3		8	3
5001270104	Glycera americana	1	2	4	1	2	3
5001280104	Glycinde solitaria					1	
5001280201	Diopatra cuprea	24	6	20	21	28	18
5001310111	Lumbrineris tenuis	1			1		1
5001330103	Drilonereis longa			1			
5001410201	Aricidea suecica		1	1		1	
5001410214	Aricidea fragilis			1			
50014304	GPolydora	3		10	1	7	
5001430402	Polydora socialis						4
5001430411	Polydora ligni						
5001430502	Prionospio cirrifera	3	1	3	3	6	
5001430510	Prionospio cristata	6	4	4	6	7	
5001431001	Spiophanes bombyx	158	46	80	16	17	2
5001431701	Paraprionospio pinnata	165	250	140	208	76	32
5001440104	Magelona rosea	2	2	2	3	204	196
5001440109	Magelona phyllisae	102	73	151	152	4	1
5001460101	Poecilochaetus johnsoni	1			1	59	136
5001490101	Chaetopterus variopedatus			1	1		
5001490303	Spiochaetopterus oculatus	7	2	1	5	1	
5001500105	Cirratulus hedgpethi	1		1			
5001500307	Tharyx marioni		1	1	3		3
50015007	Timarete	4	4	6	5	5	
5001580204	Armandia maculata	1					
5001600101	Capitella capitata		1	2	1		
5001600306	Notomastus latericeus		1				
5001600402	Mediomastus californiensis	76	60	43	28	94	40
50016302	GClymenella						1
500163020201	Clymenella torquata calida		1				
5001640102	Owenia fusiformis	13		7	17	3	5
5001640302	Myriowenia californiensis	3	1	4	3	1	4
5001660302	Pectinaria gouldii						1
5001670208	Amphicteis scutifrons	4		1	7	2	4
5001670211	Ampharete americana	27	41	38	60	39	72
5001682002	Loimia viridis					1	
5001700104	Chone duneri				1		
5001700402	Megalomma bioculata	4	2		6	8	8
511	Gastropoda						1
5103230205	Vitrinella floridana	1					1
510376	Naticidae				1		
5103760204	Natica pusilla	1					
5105030501	Cosmioconcha calliglypta			3			
5105040401	Cantharus cancellarius	6			2		
51050801	GNassarius	4					
51080101	GOdostomia	1		1			
5110010101	Acteon punctostriatus				1		
5114020201	Williamia krebsii			1			

55	Bivalvia		1			10	
5502020204	Nucula proxima	1	1	2			2
5502040213	Nuculana concentrica	1	1	12	1	1	2
550601	Arcidae	2		7		1	2
5506010202	Anadara ovalis						1
5515050104	Diplodonta soror			3			1
551522	Cardiidae	1					
5515250301	Mulinia lateralis	10	2	8	2	3	3
5515250701	Raeta plicatella	1					
5515290202	Solen viridis		2		1	3	
5515310123	Macoma pulleyi	1					
5515310209	Tellina versicolor	62	43	57	38	25	56
5515350201	Abra aequalis	102	60	122	96	94	93
5515471501	Chione clenchi			1			
5517020201	Corbula contracta	2	1	6	2	3	2
552008	Thraciidae	1					
6111040199	?Sarsiella gettlesoni	1					
6154050801	Oxyurostylis smithi			1			
61620208	GPentidotea			1			1
6168	AAmphipoda		6				
6169020108	Ampelisca abdita	2	1	7	12	7	
6169260299	?Photis macromanus				1	1	
6171010901	Paracaprella tenuis					1	
617701	Penaeidae					1	
6177020101	Acetes americanus		1				
6179170101	Processa hemphilli				1		
618306	Paguridae					1	
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		1		2		
6189020601	Hexapanopeus angustifrons	1	1			1	
61890604	GPinnixa	1		1	1		1
6191010101	Squilla empusa			1			
7200020199	?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	Hemipholas elongata	2					
812903	Amphiuridae	1					
8129030102	Amphiodia atra		1	3			
8172060306	Pentamera pulcherrima			1		1	
82010201	Balanoglossus			11	14	10	6
88580201	GSymphurus				1		

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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica		32				35
3756010101	Palythoa texaensis	2	4	5			1
3760010299	?Anthopleura krebsi	1			2	2	1
3760020201	Peranthus rapiformis	3		3	3	1	
3760040101	Calliactis tricolor					1	
3901	Turbellaria				3	1	1
43	Rhynchocoela	38	63	99	66	71	35
4303020209	Cerebratulus lacteus	1					1
47051002	GSabatieria			1	3		
471111	Phanodermatidae		1				
471114	Oncholaimidae		1	1	3		
500102	Polynoidae	2					
50010104	Lepidonotus sublevis			2	3		
50010218	GLepidasthenia	7	3	4	4	6	7
5001060302	Sthenelais boa	7	1	5	3	2	2
5001100302	Pseudeurythoe ambigua		2			1	1
5001130110	Anaitides erythrophyllus	1	2	5	7	4	1
5001210103	Gyptis vittata	3	1	5	1		1
5001220103	Ancistrosyllis jonesi		1	5	3	2	
5001220201	Sigambra tentaculata	1	8	7	9	9	5
5001240101	Ceratonereis irritabilis	9					
50015404	GNereis	1		2		2	
5001240410	Nereis succinea	1	16	11	2	9	
5001250115	Nephtys incisa	2		1			
5001270104	Glycera americana			2	1	3	1
5001280104	Glycinde solitaria				1		2
5001290201	Diopatra cuprea	33	29	42	31	32	22
5001310113	Lumbrinereis tenuis			1	1		5
5001410201	Aricidea suecica	6				1	
5001410214	Aricidea fragilis	5					
50014304	GPolydora	7		6	17	153	
5001430402	Polydora socialis		109	62			58
5001430411	Polydora ligni			1		2	3
5001430502	Prionospio cirrifera	3	2	3	18	2	2
5001430507	Prionospio pygmaea			2			
5001430508	Prionospio cirrobranchiata				1		1
5001430510	Prionospio cristata	1	3		4	1	1
5001431001	Spiophanes bombyx	1	1		4	1	1
5001431701	Paraprionospio pinnata	84	67	81	130	48	79
5001440104	Magelona rosea		3	2		1	1
5001440109	Magelona phyllisae	2	6	14	8	1	8
5001460101	Poecilochaetus johnsoni		1				
5001490303	Spiochaetopterus oculatus				1	1	
5001500307	Tharyx marioni	2	2	2	1	1	4
5001520103	Cossura delta		1				1
5001580204	Armandia maculata			1			
5001600306	Notomastus latericeus		1	1		1	
5001600402	Mediomastus californiensis	6	7	5	66	1	10
5001610103	Asychis elongata			1			
5001630202?01	Clymenella torquata calida	1		5		1	3
5001630501	Clymenella zonalis	1	1		1	2	3
5001640102	Owenia fusiformis	1	1	1	4		
5001650202	Sabellaria vulgaris			2			
5001660302	Pectinaria gouldii			2	1		
5001670208	Ampharete acutifrons		4	4	1		2
5001670211	Ampharete americana	29	71	52	69	79	31
5001680707	Pista palmata	1					1
5001682002	Loimia viridis		4	4	4	6	5
5001700402	Megalomma bioculata			1		2	
51	Gastropoda				4		
5103230205	Vitrinella floridana					1	
510376	Naticidae				1		
5103760204	Natica pusilla						1
5103760407	Polinices duplicatus			2			
5103760501	Sinum perspectivum			5			
5105040401	Cantharus cancellarius			1			
5105080106	Nassarius acutus				1	1	
51080101	GOdostomia						
5111030201	Volvulella texasiana	2					
5115020504	Nucula proxima				3		3
5115020513	Nuculana concentrica	3		27	28	11	8
550601	Arcidae			6			
5515250301	Mulinia lateralis		1	29	15	5	22
5515510123	Macoma pulleyi				4		
5515510209	Tellina versicolor		4	21	26	6	5
5515560201	Abra aequalis	7	22	67	45	51	21
5515671601	Agriopoma texasiana		3			1	
55154715	GChione				1		
5515471501	Chione clenchi						2
5515480102	Petricola pholadiformis	2	4	14	4	14	5
5517020201	Corbula contracta			1	1	4	

5518010401	Barnea truncata		1		1	1	1
6154050801	Oxyurostylis smithi			1	3		
61620208	GPentidotea				2		1
6168	AAmphipoda		1	2			
6169020108	Ampelisca abdita	1	2	1	5	1	2
61691502	GCorophium		1				
6169150703	Unciola irrorata		3				
6169260299	?Photis macromanus				1		2
6169371401	Synchelidium americanum			1			
6171010901	Paracaprella tenuis			1			
617701	Penaeidae			1			
6179140301	Automate evermanni			1			
6179170101	Processa hemphilli			2			
618306	Paguridae						1
61830602	GPagurus (decapoda)					2	
6183060237	Pagurus bonairensis			2			
6184	ABrachyura		1	5	2		6
61890106	GPortunus				1		
6189020601	Hexapanopeus angustifrons					1	
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	
73	Echiura	1	6	13	7	20	14
7700010203	Phoronis architecta			3	5		1
8129030102	Amphiodia atra	5	1	2	3	4	
8172060306	Pentamera pulcherrima	4		1	1	1	
82010201	Balanoglossus	1	5	13	6	13	

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina	1		1	1		3
3453560104	Eponides antillarum		5	5	2		14
3453670199	?Cibicides concentricus	5	3	26	30	21	67
3516	Ciliatea holotrichia gymnostomatida rhabdophorina		1				
43	Rhynchocoela	2	5	2	3	7	23
47030402	GOdontophora					1	
47051001	GDoryleimopsis				1		
47051002	GSabatieria	1		1		1	2
47051004	Metacomesoma	1				1	
471103	Tronidae					1	1
47110401	GAnticoma			1	3	5	1
471112	Enoplidae					1	
471114	Oncholaimidae				2		4
500102	Polynoidae						1
5001060302	Sthenelais boa		1	1	2		5
5001100302	Pseudeurythoe ambigua	2	7	2	6	1	9
500121	Hesionidae					1	
5001210103	Gyptis vittata		2				
5001210402	Ophiodromus obscura		1		1	1	
5001220103	Ancistrosyllis jonesi		1				
5001220201	Sigambra tentaculata			2	2		3
500154	Nereidae					4	
5001240103	Ceratonereis irritabilis				2		6
50012404	GNereis	12	9	25	15	18	18
5001240410	Nereis succinea	2	3				
50012406	GCeratocephale			1			
5001270104	Glycera americana		1	1	3	4	3
5001280206	Goniada teres	1					
5001290112	Onuphis nebulosa	1			2		
5001290201	Diopatra cuprea	1		2			
5001310113	Lumbrineris tenuis	10	4	8	7	12	8
5001360102	SSchistomeringos caeca		1				
5001410201	Aricidea suecica		29	35	15	23	6
5001410214	Aricidea fragilis	24		30	14	63	58
5001410301	Paraonis gracilis			1	1		
5001430201	Laonice cirrata		1	1			
5001430502	Prionospio cirrifera	2		2	3	4	1
5001430507	Prionospio pygmaea		4	4	7	21	
5001430508	Prionospio cirrobranchiata					7	5
5001430510	Prionospio cristata		3	3			19
5001431701	Paraprionospio pinnata	17	15	31	33	86	56
5001440104	Magelona rosea			1		4	
5001440109	Magelona phyllisae	3	1	3	2	3	1
5001440199	?Magelona filiformis		1				1
5001500105	Cirratulus hedgpethi			1			
5001500304	Theryx setigera		1		1	3	
5001500307	Theryx marioni	6	18	29	21	39	28
50015007	Timarete						1
5001520103	Cossura delta	1		2	3	8	2
50015404	GDiplocirrus		1	1			
5001600306	Notomastus latericeus	3	1	3	2	1	3
5001600402	Mediomastus californiensis	17	35	47	25	156	75
5001630103	Asychis elongata				1		
5001640102	Owenia fusiformis		1	1			
5001660302	Pectinaria gouldii	1			1		
5001670211	Ampharete americana		1	1			1
5001682301	Amaeana trilobata		2		1	1	1
5001690101	Terebellides stroemii			1			2
500170	Sabellidae		3				6
50017001	GChone			5	5	6	
51032001	GAlvinia						1
5103230205	Vitrinella floridana	4		3			2
5103530401	Niso aeglees						1
510376	Naticidae		1				
5103760407	Polinices duplicatus						2
5105030401	Cantharus cancellarius						2
510602	Turridae			1			
5106040101	Terebra dislocata	2					
5106040201	GOdostomia			1			
5110050106	Philine sagra				1		
5110130202	Volvulella persimilis			1			
5110130301	Pyrunculus caelatus			1			1
55	Bivalvia	1	5				1
5502020204	Nucula proxima	11	4	9	6	5	24
5502040213	Nuculana concentrica	8	9	6		11	12
5515010601	Linga amiantus						1
551502	Thyasiridae				1		1
5515250701	Raeta plicatella			1			
5515310123	Macoma pulleyi			1	6		
5515310209	Tellina versicolor	10	6	11	8	11	8
5515350201	Abra aequalis	1	4	1		7	3

5515471501	Chione clenchi		3	6			2
5517020201	Corbula contracta	2	2	2		5	9
5520020110	Pandora bushiana			3	1		
5520050206O1	Lyonsia hyalina floridana				1		1
55201001	GCardiomya				1		
6111040106	Sarsiella disparalis	1	1				
6111040199	?Sarsiella gettlesoni				2		
61132502	Actinocythereis				1		
6119040101	Longipedia helgolandica			2	2		
6153012101	Mysidopsis bigelowi				1		
6153012199	?Mysidopsis furca		3	1			
6154050801	Oxyurostylis smithi				2		
61540701	GCampylaspis		1		1		4
61540902	GCyclaspis					3	
6169020110	Ampelisca verrilli	1	4	3	7	1	6
61690603	GLembos		1	3			
6169060303	Lembos smithi					2	
616915	Corophiidae				1		
6169150999	?Grandidierella bonneroides		1				
6169260299	?Photis macromanus	1	23	16	14	4	11
6169330301	Listriella barnardi				1		
6169370820	Monoculodes edwardsi	6					
6169371401	Synchelidium americanum		2	2	11	1	2
61791405	Alpheopsis		2			1	
6179170101	Processa hemphilli		1		1		
6183069999	?Nematopaguroides faqei						1
6184	ABrachyura	1	1				2
618905	Goneplacidae					1	
6189050401	Specarcinus lobatus				1	1	
7200020199	?Golfingia bulbosa	4	4	1	3	7	4
7200020401	Phascolion strombi						1
7200030197	?Aspidosiphon cumingii						1
7200030199	?Aspidosiphon albus	1	1	1			
7700010203	Phoronis architecta	3					
7815040499	?Cupularia biporosa			4			
8106010502	Astropecten duplicatus	5	13	6	10	4	10
8741130802	Myrophis punctatus			1			

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Code	Organism name	A	B	C	D	E	F
3450320401	Ammoscalaria pseudospiralis					1	
34530301	GLenticulina						1
3453560104	Eponides antillarum	5	1	14		1	20
3453670199	?Cibicides concentricus	17	13	47	11	28	155
43	Rhynchocoela	5	15	2	5	8	5
470401	Linhomoeidae	2					1
47051001	GDoryleimopsis		1		2	1	
47051002	GSabatieria	1		1	2		
471111	Phanodermatidae					1	
471114	Oncholaimidae		2	2		1	2
5001021104	Lepidonotus sublevis		1				
50010218	GLepidasthenia		1				
5001060302	Sthenelais boa		1	1	2	4	
5001100302	Pseudeurythoe ambigua		8	1	3		5
5001210402	Ophiodromus obscura				2	1	
5001220103	Ancistrosyllis jonesi			1			1
5001220201	Sigambra tentaculata	1	3		2		2
500124	Nereidae	7			3		
5001240103	Ceratonereis irritabilis		8				6
50012404	GNereis	8	5	6	16	7	9
5001240410	Nereis succinea	1	1	1			
50012406	GCeratocephale						1
5001250115	Nephtys incisa	1			1		
5001250116	Nephtys magellanica					2	
5001270104	Glycera americana	2	4	2	1		4
5001280206	Goniada teres			2			
5001290112	Onuphis nebulosa					1	
5001290201	Diopatra cuprea			1			1
5001300201	Marphysa sanguinea	1					
5001310113	Lumbrineris tenuis	8	13	14	13	14	16
500136	Dorvilleidae	2					
5001410201	Aricidea suecica	7	6		25		72
5001410214	Aricidea fragilis	18	16	2	42	4	1
5001410301	Paraonis gracilis				4		5
5001410601	Cirrophorus lyriformis		1		1		1
5001430502	Prionospio cirrifera	1	4	8	6	1	5
5001430507	Prionospio pygmaea		1		5		
5001430508	Prionospio cirrobranchiata		1	2			
5001430510	Prionospio cristata	1	8	9		6	23
5001431701	Paraprionospio pinnata	25	58	33	83	53	59
5001432301	Microspio pigmentata	1				1	
5001440109	Magelona phyllisae			2	1	2	1
5001440199	?Magelona filiformis					1	
5001460101	Poecilochaetus johnsoni	3		1			
5001500105	Cirratulus hedgpethi		1				
5001500304	Tharyx setigera				1		
5001500307	Tharyx marioni	9	9	5	6	11	22
50015007	Timarete		1	1		4	6
5001520103	Cossura delta		1	1	2	1	2
50015404	GDiplocirrus	1					
5001580204	Armandia maculata					1	
5001600306	Notomastus latericeus		4	2			2
5001600402	Mediomastus californiensis	15	60	25	45	43	93
5001630203	Clymenella zonalis		1	1	2		
5001640102	Owenia fusiformis			1			
5001660302	Pectinaria gouldii	1	1				
5001670211	Ampharete americana				1		
5001682301	Amaeana trilobata	1	2	3	2	5	2
5001690101	Terebellides stroemii				2		
500170	Sabellidae		8				10
50017001	GChone	3			2		
5001700402	Megalomma bioculata	1					
51	Gastropoda	1					
5103230205	Vitrinella floridana		3		2	1	1
5103530401	Nisa aeglees			1			
5103760407	Polinices duplicatus					2	
5105030501	Cosmioconcha calligypta		1		2		
5105040401	Cantharus cancellarius				2		
5106040101	Terebra dislocata					2	
5110010101	Acteon punctostriatus					1	
5110040104	Acteocina candei			1			
5110130201	Volvulella texasiana					1	
5110130301	Pyrunculus caelatus					1	
55	Bivalvia	1	2	2		2	
5502020204	Nucula proxima	1	6	6	7	14	10
5502040213	Nuculana concentrica	1	1	3	1	6	11
55070105	GDacrydium			1			
5509100105	Lima locklini			1			
551501	Lucinidae					2	
5515010601	Linga amiantus					1	1
551502	Thyasiridae			1			
5515200102	Crassinella lunulata					1	

5515250701	Raeta plicatella						1
5515310209	Tellina versicolor	2	8	13	10	6	7
5515350201	Abra aequalis	1	2	12	5	9	6
5515471501	Chione clenchi	4	3	3	2	4	4
5517020201	Corbula contracta	5	8	4	5	12	21
5520020110	Pandora bushiana		1	1			1
552005020601	Lyonsia hyalina floridana						1
55201001	GCardiomya	1			1		
61110401	Sarsiella (ostracoda)	1	1				1
6111040106	Sarsiella disparalis	3	2	1	1	2	2
6111040199	?Sarsiella gettlesoni						2
6111050301	Euconchoecia chierchiae						2
6111070101	Harbansus paucichelatus						1
61130901	Pterygocythereis						1
6113110101	Protocytheretta daniana						1
61132502	Actinocythereis					1	
6119040101	Longipedia helgolandica	1	2		8	9	4
6119090101	Microsetella norvegica					1	
6154050801	Oxyurostylis smithi					1	
61540701	GCampylaspis			1	2	1	1
61540902	GCyclaspis	1	1		1	6	2
6169020108	Ampelisca abdita	2				1	
6169020110	Ampelisca verrilli		4	1		4	
6169020111	Ampelisca agassizi			1			
6169020117	Ampelisca cristoides				3	1	1
61690603	GLembos						2
6169260299	?Photis macromanus	23	14	3	7	53	31
6169330301	Listriella barnardi		2			2	
6169330399	+Listriella quintana	3	1				
6169370820	Monoculodes edwardsi				2		
6169371401	Synchelidium americanum		1	1	2	3	2
6175	ADecapoda (arthropoda)					3	
6179140301	Automate evermanni			1			
61791405	Alpheopsis						1
6184	ABrachyura			1			
6189050401	Speocarcinus lobatus						1
7200020198	?Golfingia trichocephala		1				
7200020199	?Golfingia bulbosa	6	6	7	9	12	
7200030199	?Aspidosiphon albus	4	8	5	5	3	4
7700010203	Phoronis architecta				3		2
7815040402	Cupuladria doma	140	58		50	86	230
7815040499	?Cupuladria biporosa	35		11		75	
80020102	Lingula					1	
8106010502	Astropecten duplicatus	3	2	7	17	3	10
812903	Amphiuridae					1	
8129030105	Amphiodia trychna	1			1	1	
8791020101	Bregmaceros atlanticus		1	1			1

Code	Organism name	A	B	C	D	E	F
3453560104	Eponides antillarum		1		1		
3453670199	?Cibicides concentricus		4		1	1	2
43	Rhynchocoela	5	11	2	25	9	6
470401	Linhomoeidae	2	3		3		
47051001	GDorvilaimopsis		12		3		
47051002	GSabatieria	3	7		6		
470512	Cyatholaimidae						1
471103	Tironidae	1	1				
47110401	GAnticoma		4		3		
471112	Enoplidae		1				
471114	Oncholaimidae		5				
5001021104	Lepidonotus sublevis		2				
5001060302	Sthenelais boa					1	
5001100302	Pseudeurythoe ambigua		7	3			4
5001130110	Anaitides erythrophyllus				1		
5001210103	Gyptis vittata	1					1
5001220102	Ancistrosyllis hartmanae		1				
5001220103	Ancistrosyllis jonesi			1			
5001220201	Sigambra tentaculata		4	1	3		1
500123	Syllidae	1					
5001240103	Ceratonereis irritabilis	1	12	5	8	6	2
50012404	GNereis	10	11	9	8	7	10
5001250115	Nephtys incisa				1		
5001270104	Glycera americana	1	3	3	3	2	1
5001280104	Glycinde solitaria				1	2	
5001280106	Glycinde nordmanni			1	7		
5001280206	Goniada teres		1				
5001290112	Onuphis nebulosa					1	
5001300201	Marphysa sanguinea			1			
5001310113	Lumbrineris tenuis	8	10	9	4	12	4
5001360102	SSchistomeringos caeca		1		1		
50014102	GAricidea	10					
5001410201	Aricidea suecica		25	6	5	6	3
5001410214	Aricidea fragilis		30	22	37	11	16
5001410301	Paraonis gracilis	1		1		1	
5001410601	Cirrophorus lyriformis						1
5001430502	Prionospio cirrifera	5	22	1	32	4	3
5001430507	Prionospio pygmaea		5				
5001430508	Prionospio cirrobranchiata	2	8	1	18	6	5
5001430510	Prionospio cristata	8	13	10	10	9	5
5001431001	Spiophanes bombyx			1			
5001431701	Paraprionospio pinnata	8	34	16	60		8
5001432301	Microspio pigmentata				1	1	
5001440104	Magelona rosea		2	2		1	
5001440109	Magelona phyllisae	3	5	1	8	1	3
5001440199	?Magelona filiformis		1				
5001500105	Cirratulus hedgpethi		1				
5001500304	Theryx setigera	1				1	1
5001500307	Theryx marioni	7	6	3	8	2	1
50015007	Timarete	1	5	1	7	1	2
5001520103	Cossura delta	5	4		5	4	5
5001600306	Notomastus latericeus	2	8	3	6	3	1
5001600402	Mediomastus californiensis	4	174	1	125	5	
5001630103	Asychis elongata			1			
5001630203	Clymenella zonalis		1		1		
5001670208	Ampharete acutifrons			1			
5001682301	Ameana trilobata		1	2		2	2
500170	Sabellidae		6		5		
51021001	GCalliostoma	1					
51033101	Architectonica nobilis	1					
51080101	GOdostomia		1				
51113202	Valvulella persimilis	1					
55	Bivalvia				2		
5502020204	Nucula proxima	4		1	4	3	3
5502040213	Nuculana concentrica	1	2	2	2	4	4
5509100105	Lima locklini		1				
5515050104	Diplodonta soror					1	
5515310209	Tellina versicolor	3	7	1	10	2	3
5515350201	Abra aequalis		3	1	6		
5515471401	Agriopoma texasiana						1
5515471501	Chione clenchi	3		2			1
5517020201	Corbula contracta		8		5	1	4
5520070199	?Periploma orbicularis		1				
61110302	Asteropella				1		1
61110401O6	Sarsiella disparalis	2					
61110401O9	?Sarsiella gettlesoni	1					1
61190401O1	Longipedia helgolandica		4		6		18
61190903	Pseudobradya		1				
6154050801	Oxyurostylis smithi	1			1		
61540701	GCampylaspis	1	1		1	2	
61540902	GCyclaspis				1		
6168	AAmphipoda			2		1	

61690201 08	Ampelisca abdita					1	
61690201 10	Ampelisca verrilli		2				1
61690603	GLembos	1			1		
61692603 99	?Photis macromanus	4	8		4	3	2
61693303 01	Listriella barnardi				2		
61693708 20	Monoculodes edwardsi				2	1	
61693714 01	Synchelidium americanum				4		2
61770102 02	Trachypenaeus similis		2				
61791401 03	Alpheus floridanus		1		1		
61791403 01	Automate evermanni		2				
61830602 37	Pagurus bonairensis	2					
6184	ABrachyura	1		3		1	
61870202 01	Leiolambrus nitidus						1
61890504 01	Speocarcinus lobatus		2	1	1		
61890599 99	?Frevillea barbata		1				
72000201 98	?Golfingia trichocephala			2	1		
72000201 99	?Golfingia bulbosa	6	6	2	4	9	6
72000301 99	?Aspidosiphon albus	13			2		2
78150404 02	Cupuladria doma				160		
81060105 02	Astropecten duplicatus	5	5	1	2		2
8120	Ophiuroidea			2	2		
812903	Amphiuridae				2		
81290309 03	Amphioplus coniortodes						1
874701	Clupeidae			1			

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Code	Organism name	A	B	C	D	E	F
3453380199	?Buliminella morgani			1			
3455540104	Rosalina floridana						1
3455560104	Eponides antillarum						1
3455670199	?Cibicides concentricus			5	2	1	3
3743	Ceriantipatharia ceriantharia						1
3756010101	Palythoa texaensis	1				1	
3758	Zoantharia actiniaria						1
37590101	GEdwardsia	1					
3760010299	?Anthopleura krebsi						1
43	Rhynchocoela	1	7	3	1	5	7
470401	Linhomoeidae			1			7
47051001	GDorvilleimopsis			3			1
47051002	GSabatieria		2				1
47110401	GAnticoma		1				
471112	Enoplidae			1			
471114	Oncholaimidae					1	1
50010218	GLepidasthenia				1		
5001060302	Sthenelais boa	3	2		4	1	1
5001080103	Paleanotus heteroseta				1		
5001100302	Pseudeurythoe ambigua	2	6	4	3	2	14
5001130110	Anaitides erythrophyllus		1		3		1
5001130207	Eteone heteropoda		1				
5001210103	Gyptis vittata		3		2		
5001210402	Ophiodromus obscura						1
5001220103	Ancistrosyllis jonesi	1					
5001220201	Sigambra tentaculata						1
500128	Nereidae		1	1	1		3
50012404	GNereis	1	1				2
5001240410	Nereis succinea		2				
5001250114	Nephtys bucera	5					1
5001250115	Nephtys incisa					1	
5001250116	Nephtys magellanica				2		
5001250303	Aglaophamus verrilli	1		1	1	1	
5001270104	Glycera americana	1	2	3	1	1	1
5001280106	Glycinde nordmanni					1	
5001280206	Goniada teres	1		1	1		1
5001290112	Onuphis nebulosa	1		1	1	1	1
5001290201	Diopatra cuprea	1	1		1		
5001300201	Marphysa sanguinea	1	2				
5001310113	Lumbrineris tenuis	3	4	3	7	7	6
5001400307	Scoloplos rubra		1				1
50014102	GAricidea						1
5001410201	Aricidea suecica		2		1		
5001410214	Aricidea fragilis		2	1			
500143	Spionidae	1	1		2		
5001430201	Laonice cirrata		2	1		1	
5001430502	Prionospio cirrifera					1	2
5001430507	Prionospio pygmaea		2				
5001430508	Prionospio cirrobranchiata				2		
5001430510	Prionospio cristata	1				1	
5001431001	Spiophanes bombyx	2			1		2
5001431701	Paraprionospio pinnata		5	1	8	5	6
5001432001	Scolelepis squamata			1		3	7
5001440104	Magelona rosea		1			2	
5001440109	Magelona phyllisae	2		1			
5001460101	Poecilochaetus johnsoni				1	1	4
5001500304	Tharyx setigera	1		2	1		
5001500307	Tharyx marioni	1	2	2	5	5	5
5001520103	Cossura delta				1		
5001600306	Notomastus latericeus	1	3	3	4	3	1
5001600402	Mediomastus californiensis	1		2	4	5	16
5001630103	Asychis elongata			1	2		
5001640102	Owenia fusiformis		6	1			3
5001660302	Pectinaria gouldii	1					
500167	Ampharetidae					1	
5001670208	Amphareta acutifrons	1					
5001680701	Pista cristata	1		1			
5001682301	Ameana trilobata	1	2	1	6	4	2
500170	Sabellidae	2		6		9	
50017001	GChone		7		6		
5001730902	Hydroides protulicola		1		2		
50017501	Grubeulepis		1				
5106040101	Terebra dislocata						1
5502020208	Nucula proxima	1	1	1		1	1
551502	Thyasiridae		1				
5515050108	Diplodonta soror			2		1	2
5515200102	Crassinella lunulata			1			2
5515210125	Macoma pulleyi					4	
5515310209	Tellina versicolor	1					
5515350201	Abra aequalis	2	1	1	1	4	
5515470901	Dosinia discus						1
5515471501	Chione clenchi			1			

5517020201	Corbula contracta	7	20	10	17	7	39
5517020301	Varicorbula operculata			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	Oxyurostylis smithi	1	1	1	5		
61540701	GCampylaspis	2		4	1	3	1
61540902	GCyclaspis			4	4	4	
61560301	Apseudes	1					
6160010701	Xenanthura brevitelson		6	2	3	6	7
616202	Idoteidae			1			
61650406	GProbopyrus		1				
6169020110	Ampelisca verrilli	13	11	4	8	6	10
6169020111	Ampelisca agassizi		5	5	1		
6169020117	Ampelisca cristoides		1	2	3	4	
61690302	Amphilochus	2		1			
6169030299	+Amphilochus neapolitanus				9		
616915	Corophiidae					1	
6169150102	Cerapus tubularis			2			
6169150703	Unciola irrorata	6	4	9	2	1	1
6169150999	?Grandidierella bonneroides		5		32	4	2
6169260299	?Photis macromanus	28	61	43	38	40	15
6169330301	Listriella barnardi				1		
6169370820	Monoculodes edwardsi			12		1	
6169371401	Synchelidium americanum	3	4	1	4	2	1
617701	Penaeidae	1					
61790502	Leptochela (decapoda)				1		
6179140103	Alpheus floridanus		1				
6179140301	Automate evermanni		1			1	
6183069999	?Nematopaguroides faqei	1					
6183120301	Euceramus praelongus	1					
61890503	Goneplax		1				
6189050401	Speocarcinus lobatus		2				
6189050601	Glyptoplax smithii		3		1		
61890605	GParapinnixa					1	
6189060501	Parapinnixa hendersoni				1	1	
72	Sipuncula		120				
7200020198	?Golfingia trichocephala	3	10		1	2	16
7200020199	?Golfingia bulbosa	49	62	38	33	63	61
7200030197	?Aspidosiphon cumingii		8				
7200030199	?Aspidosiphon albus	4	9	7	8	5	10
7700010203	Phoronis architecta	2	4				1
7815040402	Cupuladria doma	90	100				50
7815040499	?Cupuladria biporasa			300	75		
7815150201	Discoporella umbellata	100					25
8106010502	Astropecten duplicatus	5	2	9	2	1	1
8129030102	Amphiodia atra				1		
8129030105	Amphiodia trychna					1	
81290309	GAmphioplus	1		1		2	
8172060306	Pentamera pulcherrima	2	2		7	2	2
8787020203	Antennarius radiosus						1

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina		1		1		3
34533560104	Eponides antillarum			2	1		5
34533670199	?Cibicides concentricus	1		1	6		2
3530	Ciliatea peritrichia peritrichida				5		
353101	Epistylidae				7		
3760010299	?Anthopleura krebsi					2	
43	Rhynchocoela	6	2	2	5	5	11
470401	Linhomoeidra		1			1	1
470503	Desmodoridae		1				
47051001	GDorylaimopsis						2
47051002	GSabatieria	2	1		2	1	
47110401	GAnticoma				4	1	
471111	Phanodermatidae						1
471112	Enoplidae				1		
471114	Oncholaimidae				2		
5001060302	Sthenelais hoa						2
5001100302	Pseudeurythoe ambigua	2		1		1	1
5001220102	Ancistrosyllis hartmanae			1			
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata	1	3		1		
500123	Syllidae	5					
500124	Nereidae	2	1	6		3	
5001240103	Ceratonereis irritabilis				4		
50012404	GNereis	15	14	10	5	7	22
5001240410	Nereis succinea		1				
50012406	GCeratocephale		1		1		
5001250115	Nephtys incisa	2		1			
5001270104	Glycera americana	6	3	2		1	2
5001280106	Glycinde nordmanni				1		
5001280206	Goniada teres			1			
5001290201	Diopatra cuprea	1		1		1	
5001300201	Marphysa sanguinea			1			
5001310113	Lumbrineris tenuis	10	8	5	9	2	9
5001360102	SSchistomeringos caeca			1			
5001400307	Scoloplos rubra					1	
5001410201	Aricidea suecica	7	14	11		2	13
5001410214	Aricidea fragilis	39	41	40	15	18	
5001430502	Prionospio cirrifera	1	2	5	7	1	
5001430507	Prionospio pygmaea	6	5	4	3	3	
5001430508	Prionospio cirrobranchiata			2			
5001430510	Prionospio cristata	1	1				
5001431001	Spiophanes bombyx		1				
5001431701	Paraprionospio pinnata	19	28	65	11	20	5
5001440104	Magelona rosea		2			1	
5001440109	Magelona phyllisae	3	1	2			
5001460101	Poecilochaetus johnsoni			1			
5001500105	Cirratulus hedgpethi			1			
5001500304	Tharyx setigera	2	2	8	2	2	
5001500307	Tharyx marioni	38	61	42	18	17	
5001520103	Cossura delta	6	5	1	4	1	3
5001600306	Notomastus latericeus	4	2	4	4	4	4
5001600402	Mediomastus californiensis	67	129	102	118	31	20
5001682301	Amaeana trilobata		1	5		1	3
5001690101	Terebellides stroemii						1
500170	Sabellidae				5		
50017001	GChone	4	6	15		5	
5103230205	Vitrinella floridana			2			
5103530401	Niso aegleea				1		
51080101	GOdostomia				1		
5110010101	Acteon punctostriatus				1		
5110050106	Philine sagra		1				
5110130201	Volvulella texasiana						1
52	Bivalvia		1	1			
5502020204	Nucula proxima	11	12	17	17	10	9
5502040213	Nuculana concentrica	9	10	5	10	8	10
5509100105	Lima lorioli					1	
5515050104	Diplodonta soror						1
5515200102	Crassinella lunulata		1		3		
5515310209	Tellina versicolor	15	6	9	9	1	15
5515350201	Abra aequalis	5	3	5	5	2	10
5515471501	Chione clenchi	1	5	2	8		1
5517020201	Corbula contracta	6	3	11	9	5	11
5520020110	Pandora bushiana	1					
6110	Ostracoda	1					
6111050301	Euconchoecia chierchiae	5	3	7	11	4	37
6111070101	Harbansus paucichelatus						1
61130901	Pterygocythereis					1	
61190A0101	Longinedia helgolandica				6		1
6154	ACumacea	1					
6154050801	Oxyurostylis smithi		1				
61540701	GCampylaspis	2	1	1		3	
61540902	GCyclaspis				1		1

6169020110	Ampelisca verrilli			1			
6169020117	Ampelisca cristoides	1		1			1
61690603	GLembos		5				
6169260299	?Photis macromanus	3		3		2	2
6169370820	Monoculodes edwardsi	1	1	3			3
6169371401	Synchelidium americanum		1			2	2
6177020101	Acetes americanus						1
6179140301	Automate evermanni					1	
6179170101	Processa hemphilli			2			
61A4	ABrachyura	1		1			
6189050401	Speocarcinus lobatus		1		1		
7200020199	?Golfingia bulbosa	3	6	7		1	13
7200030199	?Aspidosiphon albus	1					2
7700010203	Phoronis architecta	1	1			2	
7815040499	?Cupuladria biporasa	100					
8106010502	Astropecten duplicatus	3	4	6	4	2	8
8129020301	Ophiactis savignyi						1
8791020101	Aregmaceros atlanticus						1

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus			1			
3760010299	?Anthopleura krebsi		2				
43	Rhynchocoela	24	7	7	22	7	16
4303020209	Cerebratulus lacteus	1					
47051001	GDorvleimopsis				3		
47051002	GSabatieria	7	1	1	3		3
471114	Oncholaimidae	3					
500102	Polynoidae				1		
5001100302	Pseudeurythoe ambigua	2		3	2		
5001130110	Anaitides erythrophylla	2	1		3		
5001220201	Sigambra tentaculata		3	3	4	2	1
5001220502	Synelmis albini	2					
5001220801	Parandalia ocularis					1	
500124	Nereidae	1	1	2			1
50012404	GNereis				1	1	
5001240410	Nereis succinea				1		
5001250115	Nephtys 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	SSchistomeringos caeca	10					
5001410201	Aricidea suecica	19	8	8	4	9	10
5001410214	Aricidea fragilis		5		3	8	1
5001410301	Paraonis gracilis	4	4				4
5001410601	Cirrophorus lyriformis	1		2			6
5001430201	Leonice cirrata						1
5001430502	Prionospio cirrifera	24	20	28	2	1	23
5001430507	Prionospio pygmaea				1	6	
500143050A	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 marioni	4	6	3	6	6	8
5001520103	Cossura delta	4	2	1	6		7
50015404	GDiplocirrus	2			1	1	
5001580204	Armandia maculata		5	2	2	1	
5001600306	Notomastus latericeus		1	1	6		
5001600402	Mediomastus californiensis	50	39	32	94	58	36
5001660302	Pectinaria gouldii			1			
500170	Sabellidae	1					
51	Gastropoda	1					
51032003	GCingula		1		1		3
5103230205	Vitrinella floridana		1			1	3
5103230503	Teinostoma parvicallum			1			
5105030501	Cosmioconcha calliglypta	13	2	5	1		5
5110130201	Volvulella texasiana	1			3		1
55	Bivalvia	5	4		30		
5502040213	Nuculana concentrica	5	1	2	3	1	3
5515310123	Macoma pulleyi	2			1		
5515310209	Tellina versicolor	1					1
5515350201	Abra aequalis	62		2	29	4	1
5515471501	Chione clenchi		1				
5517020201	Corbula contracta	12	6	6	1	3	3
6111050301	Euconchoecia chierchiae						1
6119040101	Longipedia helgolandica	6		1			
6154040213	Eudorella monodon	1			1		1
61560301	Apseudes	2					
6169020108	Ampelisca abdita			2	3		
6169020110	Ampelisca verrilli	4					1
6169150703	Unciola irrorata	1					
6169330399	+Listriella quintana						1
617701	Penaeidae	1					
6179140103	Alpheus floridanus				1		
6179140301	Automate evermanni	2	1	1			1
6186040201	Raninoides louisianensis			1			
6189050899	?Chasmocarcinus mississippiensis			1			1
61890604	GPinnixa	2	1				2
7200020199	?Golfingia bulbosa	1					
7200030199	?Aspidosiphon albus					1	
7700010203	Phoronis architecta						1
8106010502	Astropecten duplicatus	1			1		
81290309	GAmphioplus	2					
8129030903	Amphioplus coniortodes						1
8741020201	Neoconger mucronatus			1			
8791020101	Bregmaceros atlanticus	3	1				

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina					1	
3455560104	Eponides antillarum	1				1	1
3453670199	?Cibicides concentricus	3				1	3
3454610299	?Nonionella basiloba						1
3760010299	?Anthooleura krebsi	1					
43	Rhynchocoela	11	14	15		3	17
470401	Linhomoeidra	2					2
47040301	GSphaeroleimus	1					
47040403	GTheristus	1					3
47051001	GDorylaimopsis	9					12
47051002	GSabatieria	28					37
471103	Tironidae	3					3
47110401	GAnticoma						10
471114	Oncholaimidae	4					4
471199	?Enchelididae						1
50010211 04	Lepidonotus sublevis					1	
50010218	GLepidasthenia	1					
50010603 02	Sthenelais boa	3	3 5	1		1	1 4
50011003 02	Pseudeurythoe ambigua						1
50011301 10	Anaitides erythrophylla					1	
50012101 03	Gyptis vittata	1					
50012201 02	Ancistrosyllis hartmanae	2	1			2	
50012201 03	Ancistrosyllis jonesi	1		3			
50012202 01	Sigambra tentaculata	4	6	1	3	1	
50012401 03	Ceratonereis irritabilis	17	8	10	5	5	15
50012404	GNereis	5	4	3	1	5	1
50012701 04	Glycera americana		1			1	
50012801 06	Glycinde nordmanni	3				1	1
50012802 06	Goniada teres	1					
50012902 01	Diopatra cuprea	14	5	6	8	4	6
50013101 13	Lumbrineris tenuis	16	1	4			9
50014102 01	Aricidea suecica	22	19	22	9	12	
50014106 01	Cirrophorus lyriformis	1	1				4
50014305 02	Prionospio cirrifera	30	1	4	1	10	1
50014305 07	Prionospio pygmaea	1	1			5	
50014305 08	Prionospio cirrobranchiata	16		4		8	1
50014305 10	Prionospio cristata	8	3			8	6
50014317 01	Paraprionospio pinnata	28	7	16	1	15	33
50014401 04	Magelona rosea		1	3	1	1	
50014401 09	Magelona phyllisae			1	1		
50014401 99	?Magelona filiformis	2	1				1
50015005 04	Tharyx setigera			1			
50015005 07	Tharyx marioni	25	7	3	1	2	8
50015007	Timarete	3	3			1	2
50015201 03	Cossura delta	4	3	1	1	1	5
50015404	GDiplocirrus			1			1
50015802 04	Armandia maculata	1					1
50016005 06	Notomastus latericeus	2	3	2	2	2	
50016004 02	Mediomastus californiensis	220	5		1		33
50016301 05	Asychis elongata						1
50016302 01 02	Clymenella torquata calida	1					
50016302 03	Clymenella zonalis	3		2		1	
50016603 02	Pectinaria gouldii			1			
50016702 08	Ampharete acutifrons		2				
50016823 01	Amaeana trilobata	1	1	1		2	1
500170	Sabellidae	1					5
51032302	GVitrinella					1	
5103230205	Vitrinella floridana			1			
5105030501	Cosmioconcha calliglypta		3				
5110130201	Volvulella texasiana		1				4
5110130202	Volvulella persimilis					1	
5502020204	Nucula proxima	6	3	9	9	15	
5502040204	Nuculana acuta					1	
5502040213	Nuculana concentrica	3	6	17	5	7	
5509100105	Lima locklini	1				1	
5512310209	Tellina versicolor	7	6	8	5	7	3
5515502 01	Abra aequalis	1		3		2	2
5515471501	Chione cancellata	1	2		1	1	
5517020201	Corbula contracta	2	9	6	2	3	5
6111070101	Harbansus paucichelatus						1
6119040101	Longipedia helgolandica	1					
61340201	GRelanus	1					
61540701	GCampylaspis	1	1			1	2
61540902	GCyclaspis						5
6169020108	Ampelisca abdita		1				
6169020110	Ampelisca verrilli						1
6169020111	Ampelisca agassizi			1			
6169150102	Cerapus tubularis						1
6169260299	?Photis macromanus	5	5	1		1	48
6169330301	Listriella barnardi		1				
6169370820	Monoculodes edwardsi		1				

6169371401	Synchelidium americanum							1	
6175	APecapoda (arthropoda)							4	2
6179140103	Alpheus floridanus	1							
61791405	Alpheopsis				1				1
6184	ABrachyura		1		1		1		
6189050401	Speocarcinus lobatus				1		2		
61890604	GPinnixa		1						
7200020198	?Golfingia trichocephala	5	3		1				
7200020199	?Golfingia bulbosa	1	1		1		4	2	
7200020401	Phascolion strombi	1							1
7200030197	?Aspidosiphon cumingii	4							
7200030199	?Aspidosiphon albus	6	5		7		1	1	
73020101	Urechis		1						
A106010502	Astropecten duplicatus				2		1		
8120	Ophiuroidea		1						
8129030102	Amphiodia atra						1		
8170	Holothuroidea		1						

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Code	Organism name	A	B	C	D	E	F
3740	Anthozoa				1		
43	Rhynchocoela		3	6	9	9	1
47051001	GDorvilaimopsis					2	
47051002	GSabatieria					6	2
471103	Tronidae						1
47110401	GAnticoma						1
471112	Enoplidae					1	
5001	Polychaeta						311
500102	Polynoidae					1	
5001060302	Sthenelais boa		1				
5001100302	Pseudeurythoe ambigua	1	1	3		3	
5001220103	Ancistrosyllis jonesi		1				
5001220201	Sigambra tentaculata	1			2		
5001240103	Ceratonereis irritabilis	4	7		8	9	
50012404	GNereis	5	7	11	7	11	
5001240410	Nereis succinea			3		1	
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	5	
5001410201	Aricidea suecica	5	1	7	8	13	
5001410214	Aricidea fragilis		7	2	1	8	
5001410301	Paraonis gracilis		1				
5001410601	Cirrophorus lyriformis			1			
5001430402	Polydora socialis	1					
5001430502	Prionospio cirrifera	2	3		2	12	
5001430507	Prionospio pygmaea	2				4	
5001430508	Prionospio cirrobranchiata		2	1	2		
5001430510	Prionospio cristata	1	1	1	1		
5001431701	Paraprionospio pinnata	13	9	5	9	12	
5001440104	Magelona rosea			1	1		
5001440109	Magelona phyllisae			1		1	
5001500307	Tharyx marioni	1	4	5	1	16	
50015007	Timarete	2	2		1	1	
5001520103	Cossura delta		2			1	
5001580204	Armandia maculata				1		
5001600306	Notomastus latericeus	1	4		2	2	
5001600402	Mediomastus californiensis	6	2	2	3	42	
5001630203	Clymenella zonalis				1		
5001682301	Amaeana trilobata		1				2
500170	Sabellidae	2		1			
50017001	GChone					3	
5106040101	Terebra dislocata						1
5502020204	Nucula proxima	1	1	2	1	1	7
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 quillingi						2
6119040101	Longipedia helgolandica			1		6	
6154050801	Oxyurostylis 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
6169480799	?Parametopella texansis						1
61694810	GStenothoe				1		
61770102	GTrachypenaeus		1				
6179050202	Leptochela bermudensis				1		
6179140103	Alpheus floridanus		1		1		
6179140301	Automate evermanni	1					
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	Phoronis architecta					1	
8106010502	Astropecten duplicatus		1				1
8791020101	Bregmaceros atlanticus				1	1	2
8847011601	Bollmannia communis						1

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	7	2	4	5	6	4
47051001	GDorvleimopsis						1
5001130110	Anaitides erythrophyllus	1					
5001220201	Sigambra tentaculata		1	1	2		
500124	Nereidae			1			
50012404	GNereis			1	1		
5001250115	Nephtys incisa	7	10	8	4	7	4
5001270104	Glycera americana	2					
50012B	Goniadidae						2
5001280106	Glycinde nordmanni		1	1			
5001290201	Diopatra cuprea			1			
5001310113	Lumbrinereis tenuis	2	6	1	3		3
5001310204	Ninoe nigripes	1	1	2	2	2	2
5001330103	Drilonereis longa					1	
500141	Paraonidae			2		1	4
5001410201	Aricidea suecica		5	5			
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	13	45	20	8	11	10
5001440104	Magelona rosea	1					
5001440109	Magelona phyllisae			1			
5001440199	?Magelona filiformis	3			1	3	
5001500304	Tharyx setigera		1				
5001500307	Tharyx marioni					1	1
5001520103	Cossura delta	1	1	3		1	5
5001580203	Armandia agilis	1					
5001580204	Armandia maculata					2	
5001600306	Notomastus latericeus	2		4	5	2	2
5001600402	Mediomastus californiensis	1					
500163	Maldanidae				1		
5001682301	Amaeana trilobata		1				
51032003	GCingula	1	1	2	5	3	2
5103230503	Teinostoma parvicallum			2			
5105030501	Cosmioconcha calliglypta	1		1			1
5106040101	Terebra dislocata			1			
5110130201	Volvulella texasiana	3	2	2	2		
5110130203	Volvulella recta			1			
55	Bivalvia		1				1
5502020204	Nucula proxima					1	
5502040213	Nuculana concentrica	7	3	6	8	4	4
5515310209	Tellina versicolor	1			1		
5515350201	Abra aequalis	13	7	14	10	5	
5515471501	Chione clenchi					1	
5517020201	Corbula contracta	1	4	19	3	6	
5520070199	?Periploma orbicularis				2		
6111050301	Euconchoecia chierchiae	7	18	1	2	1	31
6150040213	Eudorella monodon			1			
6168	AAmphipoda		1				
6169020110	Ampelisca verrilli		4				
6169330399	+Listriella quintana	2			1		
6179140103	Alpheus floridanus	1					
6179140301	Automate evermanni		2	1			
6184	ABrachyura					1	
6189050401	Speocarcinus lobatus				1		
61890604	GPinnixa	1			1		
7200020401	Phascolion strombi		1				
8106010502	Astropecten duplicatus	1		1			
812903	Amphiuridae				1		
8129030102	Amphiodia atra				1		
8129030903	Amphioplus coniortodes			1		1	
8162040301	Schizaster orbignyanus	1	1	1			
8791020101	Bregmaceros atlanticus			2	1		
8847011601	Ballmannia communis	2					

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	10	3	7	7	7	5
470401	Linhomoeidra			1			
47051001	GDorvleimopsis		3				1
47051002	GSabatieria					2	1
500102	Polynoidae			1			
5001100302	Pseudeurythoe ambigua	1			1		
5001130110	Anaitides erythrophylla	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	Lumbrineris tenuis	1	5	3	2	5	3
5001310204	Ninoe nigripes	2	1	3	2		1
5001330103	Drilonereis longa			1			
500141	Paraonidae					1	
5001410201	Aricidea suecica	7			1		5
5001410301	Paraonis gracilis	3	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	1					
5001440199	?Magelona filiformis	2	4	2	2	1	
5001500304	Tharyx setigera	1					
5001500307	Tharyx marioni	6	1	2		2	2
50015087	Timarete	1					
5001520103	Cossura delta	2	3	1	2	3	2
50015404	GDiplocirrus	1					
5001580204	Armandia maculata		1			1	
5001600306	Notomastus latericeus	2	2	1	3	2	3
5001600402	Mediomastus californiensis	5	5				2
5001640102	Owenia fusiformis				1		
5001682301	Amaeana trilobata		1			1	
51032003	GCinqula					11	1
5103230205	Vitrinella floridana	3	1		1	8	
5103530204	Strombiformis hemphilli				1		
510376	Naticidae		1				
5105030501	Cosmioconcha calliglypta		1	1	6	2	
5105040401	Cantharus cancellarius	1					
51080101	GOdostomia	2					
5110130201	Volvulella texasiana	3		3	4	3	
5110130202	Volvulella persimilis	1					
55	Bivalvia						11
5502020204	Nucula proxima	1					
5502040213	Nuculana concentrica	2	2	1	3	5	1
5515310209	Tellina versicolor			2			
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	Longipedia helgolandica	1					
6154040213	Eudorella monodon		2		1		
6169330301	Listriella bernardi	1					
6169330399	+Listriella quintana	1					
6179140103	Alpheus floridanus	2		1			
6179140301	Automate evermanni	3					
6184	ABrachyura			1	2	1	
6187020201	Leiolambrus nitidus					1	
6189050899	?Chasmocarcinus mississippiensis		1				
61890604	GPinnixa	1	1		1		
7200020401	Phascolion strombi						1
8106010502	Astropecten duplicatus			1			
8129030105	Amphiodia trychna	1					
8129030903	Amphioplus coniortodes	1		1		1	
8162040301	Schizaster orbignyanus		1				

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus	1		2			
3704060199	?Halecium nanum						41
43	Rhynchocoela	6	10	6	7	18	13
47051002	GSabatieria					1	
500102	Polynoidae						2
5001021104	Lepidonotus sublevis	1					
50010218	GLepidasthenia			2		1	
5001060302	Sthenelais boa		1				
5001100302	Pseudeurythoe ambigua					2	1
5001130110	Anaitides erythrophyllus	1					
5001210402	Ophiodromus obscura			1		1	
5001220201	Sigambra tentaculata			2			2
500124	Nereidae		1	4		1	
5001250115	Nephtys incisa	11	13	14	5	13	7
5001280106	Glycinde nordmanni		1	1	1		
5001310113	Lumbrineris tenuis	9	10	10	4	6	8
5001310204	Ninoe nigripes	1	2	2	1		1
50014102	GAricidea					2	
5001410201	Aricidea suecica	6		10	3	6	6
5001410214	Aricidea fragilis	1	2			3	
5001410301	Paraonis gracilis	1	1	5	1	1	8
5001410601	Cirrophorus lyriformis	1		2	4		5
5001430502	Prionospio cirrifera	3	13	6	9	34	20
500143050A	Prionospio cirrobranchiata					3	
5001431701	Paraprionospio pinnata	47	75	83	47	80	64
5001440104	Magelona rosea				1		
5001440199	?Magelona filiformis	4	5	3	5	4	2
5001500304	Theryx setigera			1	1		
5001500307	Theryx marioni	12	8	14	5	3	11
5001520103	Cossura delta	1	8	8	7	8	13
50015404	GDiplocirrus		1	5			1
5001580204	Armandia maculata	2	1	5			3
5001600306	Notomastus latericeus	5	7	5	4	5	10
5001600402	Mediomastus californiensis	7	11	17	4	9	16
5001630103	Asychis elongata					1	
5001682301	Ameana trilobata				1	1	1
500170	Sabellidae					1	
51	Gastropoda			1			
51032003	GCingula	1	3	27	10	6	
5103230205	Vitrinella floridana	2	1	12	2		1
5103230503	Teinostoma parvicallum					1	
5104530401	Nina aeglees		1				
5105030501	Cosmioconcha calliglypta				6	1	
51080102	GTurbonilla	1					
5110130201	Volvulella texasiana	3	3	4	2	7	2
5110130301	Pyrgocuilus caelatus		1				
55	Bivalvia			1			
5502020204	Nucula proxima					1	
5502040213	Nuculana concentrica	5	1	6	9	7	8
5506010201	Anadara transversa			1			
5515250301	Mulinia lateralis	1		1			
5515310209	Tellina versicolor			1			
5515350201	Abra aequalis				1		
5517020201	Corbula contracta	23	10	34	17	36	39
5520070199	?Periploma orbicularis	3	5	1	3	12	5
6110	Ostracoda	1					1
6111050301	Euconchoecia chierchiae						5
6119040101	Longipedia helgolandica			1			
6154040213	Eudorella monodon		1		1		1
6169020108	Ampelisca abdita					1	1
6169020110	Ampelisca verrilli	1				1	
6169260299	?Photis macromanus					1	
6169330301	Listriella barnardi	1					
6169330399	+Listriella quintana		1				
6169370820	Monoculodes edwardsi			1			
617701	Penaeidae				1		
6177010202	Trachypenaeus similis	1					
6179140101	Automate evermanni			1			
61791405	Alpheopsis		1			1	
6180	ABrachyura			2			
6189050401	Speocarcinus lobatus		1				
6189050899	?Chasmocarcinus mississippiensis		2				
6191	Stomatopoda						1
7200020401	Phascolion strombi	2					1
7814	ACheilostomata						4
78152501	GBugula						10
812905	Amphiuridae				1		2
8129030105	Amphiodia trychna				1		
8129030903	Amphioplus coniortodes					1	
8141130802	Myrophis punctatus		2				
8191020101	Bregmaceros atlanticus		2	2		1	1
AA47010501	Gobionellus boleosoma						

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	Gyptis vittata	1					
5001220201	Sigambra 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	1		
5001310113	Lumbrineris tenuis	8	8	3	4	6	10
5001310204	Ninoe nigripes		1	2	2	3	4
5001400203	Naineris laevigata				1		
5001410201	Aricidea suecica		4	6		1	
5001410211	Aricidea cerruti	2					
5001410214	Aricidea fragilis		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	Cossura delta	1	2				1
50015404	GDiplocirrus				1	3	
5001580204	Armandia maculata	1			1	1	
5001600306	Notomastus latericeus	4	4	7	6	6	2
5001600402	Mediomastus californiensis	1	1		1	2	2
5001630103	Asychis elongata					1	1
5001682301	Amaeana trilobata	1	1	1			
5001690101	Terebellides stroemii					1	
51032003	GCingula	4	1	6	3	2	3
5103230205	Vitrinella floridana		7				
5103230503	Teinostoma parvicallum		6				
510378	Cymatiidae				1		
510501	Muricidae				1		
5105030501	Cosmioconcha calliglypta		1		3		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	11	15		10	2	12
5517020201	Corbula contracta	5	7	1	3	3	3
5520070199	?Periploma orbicularis	1					
6111050301	Euconchoecia chierchiae	1		1			8
6154040213	Eudorella monodon				2		1
6169020110	Ampelisca verrilli	1	1				1
61690302	Amphilochus						1
6169330399	+Listriella quintana		1				
6169370820	Monoculodes edwardsi					1	
6179140103	Alpheus floridanus		1			1	1
6179140301	Automate evermanni		1	1			
61791405	Alpheopsis				2		
6184	ABrachyura		1				1
61890604	GPinnixa	1		3			1
7200020199	?Golfingia bulbosa			1		1	
80020102	Lingula						1
8106010502	Astropecten duplicatus						1
812903	Amphiuridae		1				
8129030102	Amphiodia atra	2	1		1	1	1
81290309	GAmphioplus						1
8741020201	Neoconger mucronatus				1		
8847010501	Gobionellus boleosoma						1

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina				1		
37040503	GSertularia			31			
37040601	GMalecium				7		
43	Rhynchocoela	7	10	33	12	4	8
47051002	GSabatieria	1				2	
50010218	GLepidasthenia					2	
50011100302	Pseudeurythoe ambigua		1				
50011130110	Anaitides erythrophyllus	1	1				
50011210103	Gyptis vittata					1	
50011220201	Sigambra tentaculata	2	2			1	
500124	Nereidae	2	2				2
50012404	GNereis	1				1	
50012501115	Nephtys incisa	12	2	8	7	5	7
50012801104	Glycinde solitaria					1	
50012801106	Glycinde nordmanni				1		
50012902201	Diopatra cuprea			1			
50013101113	Lumbrinereis tenuis	7	1	2	9	6	2
50013102004	Ninoe nigripes	2	1	1	4	2	
50013601102	SSchistomeringos caeca			1		1	
500141	Paraonidae		2	1			
50014102001	Aricidea suecica	1	2	1	3	3	1
50014103001	Paraonis gracilis	3	1	2	1		1
50014106001	Cirrophorus lyriformis						3
50014305002	Prionospio cirrifera	12	2	11		12	4
50014305101	Prionospio cristata						1
50014317001	Paraprionospio pinnata	36	21	24	30	40	37
50014401199	?Magelona filiformis	2	4	5	1	3	
50015003007	Tharyx marioni	7	1	3	3	3	
50015201103	Cossura delta	4	1	6	2	5	2
50015404	GDiplocirrus			1			
50015802004	Armandia maculata		2		1	1	1
50016003006	Notomastus latericeus	7	8	3		2	4
50016004002	Mediomastus californiensis	6	8	6	6	5	
500163	Maldanidae		1				
50016823001	Amaeana trilobata					1	
51	Gastropoda	1					
51032003	GCingula	4	12	2	6		3
51032302005	Vitrinella floridana	1	1		1		
510376	Naticidae					1	
51050305001	Cosmioconcha calliglypta			1	1	1	
51060211	Kurtziella			1			
51060401001	Terebra dislocata	1					
51101302001	Volvulella texasiana	1		2	1		1
55020402113	Nuculana concentrica	2	3	2	5	11	2
55153102009	Tellina versicolor	2	1			1	
55153502001	Abra aequalis	8	7	2	20	2	3
55170202001	Corbula contracta	4	10	2	15	4	11
55200701199	?Periploma orbicularis	1					
55201001	GCardiomya				1		
61190401001	Longipedia helgolandica	1			1		
6151	AMysidacea		2				
61540402113	Eudorella monodon	1		1	1	1	1
61690201101	Ampelisca verrilli		2				
61690201111	Ampelisca agassizi	2		1			
616915	Corophiidae		1				
61691507003	Unciola irrorata		1				
61693303999	+Listriella quintana		2		2		
61693708201	Monoculodes edwardsi				1		
61770201001	Acetes americanus		1				
6179	ACaridea						1
61791401003	Alpheus floridanus		1		1		1
61791403001	Automate evermanni			1			
6179140501	Alpheopsis			1			
61791701001	Processa hemphilli		1				
61870202001	Leiolambrus nitidus			1			
61890504001	Speocarcinus lobatus			1			1
61890604	GPinnixa			1			2
72000201199	?Golfingia bulbosa			1			
81290309003	Amphioplus coniortodes				1		
87910201001	Bregmaceros atlanticus			2	1		1

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	4	5	8	4	5	14
47051002	GSabatieria			1			1
50010218	GLepidasthenia	1		2			
5001060302	Sthenelais boa				1	1	
5001130110	Anaitides erythrophyllus			2	1		
5001210103	Gyptis 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	Lumbrinereis 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 cerruti						1
5001410214	Aricidea fragilis		1				
5001410301	Paraonis gracilis	4		7	2		6
5001410601	Cirrophorus lyriformis	5					3
5001430502	Prionospio cirrifera	40		2	15	1	6
5001431701	Paraprionospio pinnata	38	29	32	20	27	21
5001440199	?Magelona filiformis	3	2	4		4	3
5001500307	Tharyx marioni					4	1
5001520103	Cossura delta	4	4	3	1	2	5
50015404	GDiplocirrus			2	1		
5001580204	Armandia maculata	1		2	2	2	
5001600306	Notomastus latericeus	2	3		3	1	2
5001600402	Mediomastus californiensis	4		1			2
50017016	Fabrisabella			2			
51032003	GCingula	2	8				2
5103230205	Vitrinella floridana		1		1	1	1
5103230503	Teinostoma parvicallum	9			4		
5103530204	Strombiformis hemphilli			1			
5105030501	Cosmioconcha calliglypta					2	2
5110130201	Volvulella texasiana	1	2	7	1	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		1		
6169020110	Ampelisca verrilli						1
6169330301	Listriella barnardi			1			
6169330399	+Listriella quintana	1			5		
6169370820	Monoculodes edwardsi			1			
6169371401	Synchelidium americanum				1		
617701	Penaeidae	2					
6177010202	Trachypenaeus similis		1				
6179140103	Alpheus floridanus				1	1	1
6179140301	Automate evermanni	2		1	4		
6184	ABrachyura	5	1				2
6187020201	Leiolambrus nitidus	2					
618905	Goneplacidae			2			
6189050899	?Chasmocarcinus mississippiensis				2		
61890604	GPinnixa	2					
7200020199	?Golfingia bulbosa						1
7200020401	Phascolion strombi	1					
812903	Amphiuridae					1	
8129030102	Amphiodia atra			1			
884701	Gobiidae			1			

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina			1			
3453560104	Eponides antillarum				1		
37041101	GLovenella			6			
43	Rhynchocoela	2	13	6	8	11	13
47040301	GSphaerolaimus				1		
471111	Phanodermatidae				1		
5001021104	Lepidonotus sublevis						1
5001100302	Pseudeurythoe ambigua	1	1		2		1
5001130110	Anaitides erythrophylla	1					
5001210402	Ophiodromus obscura					1	1
5001220201	Sigambra tentaculata	1	2	1	1		2
500124	Nereidae	2		1			
5001240103	Ceratonereis irritabilis			1			
50012404	GNereis				1		
5001250115	Nephtys incisa	3	7	9	8	5	5
5001270104	Glycera americana	1				1	
50012A	Goniadidae		1				
5001290201	Diopatra cuprea				1		
5001310113	Lumbrineris 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			2		3	6
5001410601	Cirrophorus lyriformis	2	3	5	4	1	1
5001430502	Prionospio cirrifera	8	3	5	4	1	6
5001431001	Spiophanes bombyx		1				1
5001431701	Paraprionospio pinnata	44	15	14	39	35	39
5001440104	Magelona rosea	2		1		1	
5001440199	?Magelona filiformis	3	1			2	6
5001500307	Tharyx marioni	7	1	1	3	2	5
5001520103	Cossura delta	1	3	2	4	1	9
50015404	GDiplocirrus				2	1	2
5001580204	Armandia maculata		1		1		1
5001600306	Notomastus latericeus	8	10	3	9	3	6
5001600402	Mediomastus californiensis	13	1	1	3	1	10
5001680804	Polycirrus eximius			1			
5001682301	Amaeana trilobata	1	1	1	1		3
51032003	GCingula				6	2	
51032302	GVitrinella	1					
5103230205	Vitrinella floridana					2	1
5103230503	Teinostoma parvicallum	3				3	
510501	Muricidae						1
5105030501	Cosmioconcha calliglypta	1			1		1
51080101	GOdostomia	3					3
5110130201	Volvulella texasiana	2	4	4	4	4	6
55	Bivalvia		1				
5502040213	Nuculana concentrica	7	7	8	11	9	7
5515050104	Diplodonta soror			1			
5515310209	Tellina versicolor			1	1		
5515350201	Abra aequalis	1	10	18	12	16	27
5517020201	Corbula contracta	3	1	10	4	6	8
5520070199	?Periploma orbicularis	1					
6110	Ostracoda		1				
6111040199	?Sarsiella gettlesoni				1		
6111050301	Euconchoecia 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	ABrachyura	2				1	
6189050899	?Chasmocarcinus mississippiensis	1			1	1	
61890604	GPinnixa	2	1		1		
7200020198	?Golfingia trichocephala	1					
7200020199	?Golfingia bulbosa			1			
7200020401	Phascolion strombi				1		
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1					
8129030105	Amphiodia trychna			1			
8791020101	Bregmaceros atlanticus	2		1	1	1	1
8847011201	Gobioides broussonneti		2				

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	5	3	10	5	3	2
47051001	GDorylaimopsis						1
5001060302	Sthenelais boa		1				
5001100302	Pseudeurythoe ambigua	1				2	
5001210402	Ophiodromus obscura			3			
5001220201	Sigambra tentaculata			1	1		
500124	Nereidae	1					
5001250115	Nephtys incisa	12	9	5	12	11	4
5001280106	Glycinde nordmanni				1		2
5001290201	Diopatra cuprea				1		
5001310113	Lumbrineris tenuis	9	3	5	4		3
5001310204	Ninoe nigripes		1		2	1	1
5001410201	Aricidea suecica		2	2		1	
5001410211	Aricidea cerruti					3	1
5001410214	Aricidea fragilis			2			
5001410301	Paraonis gracilis		3	1			
5001410601	Cirrophorus lyriformis		2	2	1	1	2
5001430502	Prionospio cirrifera	19	1	6	1	2	16
5001431701	Paraprionospio pinnata	17	48	55	48	26	25
5001440199	?Magelona filiformis	1	1	2	1	1	1
5001490303	Spiochaetopterus oculatus						1
5001500307	Tharyx marioni	2	2	4		3	
5001520103	Cossura delta	1	2	2	1	1	3
50015404	GDiplocirrus	2	1	2			
5001580204	Armandia maculata		1	4	1	1	
5001600306	Notomastus latericeus	2	5	1	3	2	2
5001600402	Mediomastus californiensis	1	1	1	1	2	3
5001630103	Asychis elongata			1			
5001682301	Ameana trilobata	1			1	1	
51032003	GCingula	1	4		4	1	3
51032302	GVitrinella		1				
5103230205	Vitrinella floridana	1	2				2
5103230503	Teinostoma parvicallum		1				1
5105030501	Cosmioconcha calliglypta		2				
5106040101	Terebra dislocata		1		1		
5110130201	Volvulella texasiana	1	3	2	4	3	3
5502040213	Nuculana concentrica	3	3	2	2	3	1
5515310209	Tellina versicolor		1				
5515350201	Abra aequalis	6	10	2	3	6	2
5517020201	Corbula contracta	11		5	9	6	3
6111050301	Euconchoecia chierchiae	1					
61340201	GBalanus	1					
6154040213	Eudorella monodon		1	1	2	2	
6158	AIsopoda		1				
6169020108	Ampelisca abdita		2				
6169330301	Listriella barnardi						1
6169330399	+Listriella quintana		1				
617701	Penaeidae	1					
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni		1		3	1	1
6184	ABrachyura	1					
6186040201	Raninoides louisianensis	1					
6189050401	Speocarcinus lobatus				1	1	
6189050899	?Chasmocarcinus mississippiensis			1			
61A90604	GPinnixa		2	1	1		
7200020198	?Golfingia trichocephala				1		
7200020199	?Golfingia bulbosa					1	
8129030903	Amphipolus coniortodes						1
8741130802	Myrophis punctatus						1
8791020101	Bregmaceros atlanticus	1			2		3
AA47011201	Gobioides broussonneti						1

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Code	Organism name	A	B	C	D	E	F
3704010501	Clytia cylindrica	33		13			
5743	Ceriantipatharia ceriantharia		1				
5756010101	Palythoa texaensis	11	7	8	11	1	19
5760020201	Paranthus rapiformis		1	1			
43	Rhynchocoela	13	1	8	7	13	3
4303020209	Cerebratulus lacteus				1		
47051001	GOrylaimopsis					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	Analtides erythrophyllus	2	1	1			
5001210103	Gyptis vittata					1	
5001220201	Sigambra tentaculata	1		3	3	1	1
5001220203	Sigambra wassi			1	4	1	
500124	Nereidae			1	7	1	
50012404	GNereis	5	4	1		2	3
5001250115	Nephtys incisa	1					
5001270104	Glycera americana	1		4	3		2
5001290201	Diopatra cuprea	8	7	5	5	4	6
50014304	GPolydora					1	
5001430411	Polydora Tigni			1			
5001430502	Prionospio cirrifera			3			
5001430507	Prionospio pygmaea	1					
5001431001	Spiophanes bombyx			1	1	3	
5001431701	Paraprionospio pinnata	35	54	103	68	45	19
5001440109	Magelona phyllisae	113	73	154	137	79	45
5001490303	Spiochaetopterus oculatus		1				1
5001500105	Cirratulus hedgpethi	1					
5001500304	Tharyx setigera	7					
5001500307	Tharyx marioni	6			2		
50015007	Timarete		7	17	11	11	14
5001520103	Cossura delta			3			
5001600306	Notomastus latericeus			1			1
5001600402	Mediomastus californiensis	3	3	63	2	21	1
500163020201	Clymenella torquata calida			2			
5001660302	Pectinaria gouldii	1					
500167020B	Ampharete acutifrons	1	1		1	1	4
50016702I1	Ampharete americana	280	116	375	178	300	82
5001700402	Megalomma bioculata		1	1			1
5103760204	Natica pusilla	1					
5105040401	Cantharus cancellarius	2					
5106040101	Terebra dislocata		2				
51080101	GOdostomia		1				
5520040213	Nucylana concentrica	4	8	4		6	
5515050104	Diplodonta soror	6		1			
5515310209	Tellina versicolor	10	5	1		3	4
5515350201	Abra aequalis		5	1	3	6	3
5515471401	Agriopoma texasiana		1		1		
5517020201	Corbula contracta	2	1	1	2		
55201001	GCardiomya			1			
6168	AAmphipoda						1
6169020108	Ampelisca abdita	5	5	7	6	5	2
617701	Penaeidae			1			
6177020101	Acetes americanus			3			
6184	ABrachyura	1					
6189050401	Speocarcinus lobatus					1	
7200020199	?Golfingia bulbosa	1	3	4	5	3	7
7200030199	?Asoidosiphon albus	1	3	10	2		1
7700010203	Phoronis architecta	6	3	9	1		
8129030102	Amphiodia atra	2			1		
8172060306	Pentamera pulcherrima		1				

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Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus rapiformis	1					
43	Rhynchocoela	17	19	41	13	20	21
4303020209	Cerebratulus lacteus			2	1		
470401	Linhomoeidra				9		2
47051001	GNorylaimopsis				1		2
47051002	GSabatieria				5		15
471114	Oncholaimidae						1
471198	?Leptosomatidae (nematoda)						1
50010218	GLepidasthenia		2				
5001060302	Sthenelais boa	1	1				
5001100302	Pseudeurythoe ambigua						1
5001130110	Anaitides erythrophyllus		2				
5001210103	Gyptis vittata						2
5001220102	Ancistrosyllis hartmanae						1
5001220103	Ancistrosyllis jonesi	1		1		1	
5001220201	Sigambra tentaculata	10	8	6	13	11	11
50012404	GNereis	6	1	4	4	5	1
5001240410	Nereis succinea					1	
5001250115	Nephtys incisa	3		1	6	7	5
5001270104	Glycera americana				1	1	
5001280106	Glycinde nordmanni		1	1			
5001290112	Onuphis nebulosa				1		
5001290201	Diopatra cuprea	1					
5001310113	Lumbrinereis tenuis	1		2	1	1	5
5001310204	Ninoe nigripes	3		5	1	2	6
5001360102	SSchistomeringos caeca						2
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	SMalacoceros vanderhorsti			1			
5001440104	Magelona rosea	2		1	4	4	1
5001440109	Magelona phyllisae	10	3	4	6	14	17
5001500307	Tharyx marioni	1			2		9
5001520103	Cossura delta	7	2	6	7	7	5
5001580204	Armandia maculata	2	4	4	5	1	2
5001600306	Notomastus latericeus	4	1	4	8	1	3
5001600402	Mediomastus californiensis	3		1	31	1	30
5001630103	Asychis elongata		1	1	2		1
500163020201	Clymenella torquata calida	1			1		1
5001630203	Clymenella zonalis	1					
5001670208	Ampharete acutifrons	2	2	1			2
5001670211	Ampharete americana	1		1	3	3	3
5103230205	Vitrinella floridana						5
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		
6154050801	Oxyurostylis smithi	1					2
6169020108	Ampelisca abdita	28	8	8	23	20	25
6169260299	?Photis macromanus			1			
6169330301	Listriella barnardi		1			1	4
6169370820	Monoculodes edwardsi	1	1	2	1	3	3
617701	Penaeidae		1			3	
61770102	GTrachypenaeus	2					1
6177010202	Trachypenaeus similis					3	
6177020101	Acetes americanus	3	1	3			
6179140103	Alpheus floridanus						1
6187020201	Leiolambrus nitidus		2		1		
6189050899	?Chasmocarcinus mississippiensis				1		
61890604	GPinnixa				1	1	1
6191010101	Squilla empusa		1				
7200020198	?Golfingia trichocephala	1			6		1
7200020199	?Golfingia bulbosa	28	20	18	17	14	15
7200030199	?Aspidosiphon albus	1		1			
7700010203	Phoronis architecta				1		

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Code	Organism name	A	B	C	D	E	F
3452140112	Quinqueloculina compta					2	
43	Rhynchocoela	1	4	3	14	3	6
47040301	GSpheerolaimus				1		
47051002	GSabatieria			1	1		1
50010218	GLepidasthenia				1		
5001060302	Sthenelais boa	1		5			
5001130110	Anaitides erythrophyllus			1			
5001220201	Sigambra tentaculata	1	3	1	2		
500124	Nereidae		1				
50012404	GNereis			1			
5001250115	Nephtys incisa	6	7	6	2	6	4
5001280106	Glycinde nordmanni			1		2	
5001290112	Onuphis nebulosa	1				1	
5001290201	Diopatra cuprea	2		1			
5001310113	Lumbrineris tenuis	5	11	7	8	12	8
5001310204	Ninoe nigripes	2					1
5001410201	Aricidea suecica	1	4	4	7	5	
5001410214	Aricidea fragilis			1			
5001410601	Cirrophorus furiformis		1	1		1	
5001430502	Prionospio cirrifera	1	8	1	2	1	
5001430507	Prionospio pygmaea				1		
5001431001	Spiophanes bombyx				1		
5001431701	Paraprionospio pinnata	15	23	37	34	6	2
5001432005	SMalacoceros vanderhorsti	1					
5001440104	Magelona rosea		1				
5001440109	Magelona phyllisae						2
5001440199	?Magelona filiformis	1	1	2	1	3	3
5001500307	Tharyx marioni	1	2	1	2	1	
50015007	Timarete	3					
5001520103	Cossura delta	5	3	2	2	4	7
5001580204	Armandia maculata	3	6		2		2
5001600306	Notomastus latericeus	5	14	2	6	12	2
5001600402	Mediomastus californiensis	1	3	5	2	1	1
5001630203	Clymenella zonalis	1					
500167020R	Ampharete acutifrons						1
5001670211	Ampharete americana				1		
51032003	GCingula	1	1	6		1	
5103230205	Vitrinella floridana			1			
5105030501	Cosmioconcha calliglypta		11	1	12		
5106040101	Terebra dislocata						2
5110130201	Volvulella texasiana		1		1	3	2
5515310123	Macoma pulleyi		1				
5515310209	Tellina versicolor		1				
5515350201	Abra aequalis	4	7	1			2
5517020201	Corbula contracta	1	6		1		2
6111050301	Euconchoecia chierchiae	8	3	2	1		3
6113250101	Echinocythereis garretti	1				1	
6119040101	Longipedia helgolandica						2
6154040213	Eudorella monodon	3	6	1	2	1	
616001	Anthuridae	1					
6169020108	Ampelisca abdita	2		3	1		1
6169020111	Ampelisca agassizi	1					
6169330301	Listriella barnardi				1	1	
61693414	GHippomedon				1	1	
6169371401	Synchelidium americanum			1			
6179050202	Leptochela bermudensis		1				
6179140103	Alpheus floridanus	1	2				
61791405	Alpheopsis	1					
6179170101	Processa hemphilli				1		
6187020201	Leiolambrus nitidus				1		
6189050899	?Chasmocarcinus mississippiensis		1				
61890604	GPinnixa		2	1			
8106010502	Astropecten duplicatus	2		1			
812903	Amphiuridae				1		
8129030903	Amphioplus coniortodes	1					
876202	Synodontidae		1				
8762020301	Saurida brasiliensis			1		1	
8791020101	Bregmaceros atlanticus	4	1		1		1

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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		1				1
5001250115	Nephtys incisa	8	19	31	38	15	8
5001290201	Diopatra cuprea	1	1		1	2	1
5001310113	Lumbrinereis tenuis	1	1	7	2	4	3
5001310204	Ninoe nigripes	6	3	3	3	3	27
5001410201	Aricidea suecica	1		1		1	
5001410214	Aricidea fragilis	3					
5001430502	Prionospio cirrifera	1	1			3	
5001431701	Paraprionospio pinnata	171	209	246	152	114	225
5001440109	Magelona phyllisae	2	3		5	1	6
5001500307	Tharyx marioni	1		1			
5001520103	Cossura delta	1	3	1	3	5	4
5001600306	Notomastus latericeus	1	5			1	1
5001600402	Mediomastus californiensis	3	3	2	3	2	7
5001682301	Amaeana trilobata	1					
5103230205	Vitrinella floridana	2	4	7	5	3	28
510376	Naticidae					1	
5103760204	Natica pusilla						1
5105030501	Cosmioconcha callilypta				1		
5106040101	Terebra dislocata						2
5110130201	Volvulella texasiana				1		
5502040213	Nuculana concentrica				2		2
5515110101	Planktomya henseni					1	
6169020108	Ampelisca abdita			1	1	1	2
6169020111	Ampelisca agassizi						1
61770102	GTrachypenaeus				1		
8R47011201	Gobioides broussonneti		1				

780801PE0500287 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		3	1		1	1
5001220201	Sigambra tentaculata		5	2			1
50012404	GNereis				1		1
5001250115	Nephtys incisa	4	3	2		2	3
5001290112	Onuphis nebulosa		1				1
5001290201	Diopatra cuprea	1	2	1			
5001431701	Paraprionospio pinnata	7	35	3	11	11	13
5001440104	Magelona rosea	4					
5001440109	Magelona phyllisae		18	1	7	15	10
5001440199	?Magelona filiformis			1			
5001600306	Notomastus latericeus		1	1		2	1
5001670208	Ampharete acutifrons						1
5106040101	Terebra dislocata		1				
51100101	GActeon					1	
5110130201	Volvulella texasiana		1			1	
55	Bivalvia		1				
5502040213	Nuculana concentrica	1				1	
5515310209	Tellina versicolor					1	
5517020201	Corbula contracta	1				1	
7200020199	?Golfingia bulbosa	1				1	
8129030903	Amphioplus coniortodes	4			1	3	1

780801PE2000287 T.8 MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		2	1	4	1	
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata		4		1		
5001240103	Ceratonereis irritabilis					1	
50012404	GNereis		1				
5001250115	Nephtys incisa	1	1	1		1	
5001270104	Glycera americana						1
5001280106	Glycinde nordmanni				1		
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				
5001440109	Magelona phyllisae	1	16	3	8	8	2
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 calliglypta	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	2	
6169020108	Ampelisca abdita					1	
6177020101	Acetes americanus	1					1
6187020201	Leiolambrus nitidus			1			
61A9050899	?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 coniortodes	1	2	3	1		

780801PN0500287 T.8 MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

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	8	22	9	1	14	13
5001440109	Magelona phyllisae	34	43	28	18	24	19
5001500307	Tharyx marioni	1					
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	4				1	
5105080106	Nassarius acutus	2					
51100101	GActeon	1					
5110010101	Acteon punctostriatus			1			
5110130201	Volvulella texasiana				1	1	
5502040213	Nuculana concentrica			1		2	1
5515310209	Tellina versicolor						1
5517020201	Corbula contracta		1				
7200020199	?Golfingia bulbosa		4	2			
7200030199	?Aspidosiphon albus	1	1				1
8129030903	Amphioplus coniortodes		1			1	

780801PN2000287 T.R MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	1	3	1	1	1
4303020209	Cerebratulus lacteus						1
470513	Choniolaimidae						1
5001220103	Ancistrosyllis jonesi					2	
5001220201	Sigambra tentaculata			1		1	1
5001220203	Sigambra wassi					1	
5001250115	Nephtys incisa	3	2	5	5	5	4
5001290201	Diopatra cuprea	2	5	1	1	3	5
5001431701	Paraprionospio pinnata	4	9	2	7	9	8
5001440109	Magelona phyllisae	1	12	2	14	13	28
5001500307	Tharyx marioni						1
5001520103	Cossura delta						1
5001600306	Notomastus latericeus					2	
5001600402	Mediomastus californiensis					2	1
5001630103	Asychis elongata	1					
5001630?	GClymenella		1				
500163020201	Clymenella torquata calida			1	1	2	2
5001670208	Ampharete acutifrons				1	1	
5103230205	Vitrinella floridana					2	
5103760204	Natica pusilla					1	
5106040101	Terebra 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	Amphioplus coniortodes	3	1		2	1	4

780801PS0500287 T.B MACROINFAUNA - TAXONOMY BLM2H7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1			2		1
4303020209	Cerebratulus lacteus				3		
500102	Polynoidae		1			1	
5001100302	Pseudeurythoe ambigua				1		
5001220201	Sigambra tentaculata	3	1	1	3		3
5001220203	Sigambra wassi			1			
50012404	GNereis				2		
5001250115	Nephtys incisa	1			2		3
5001290201	Dionatra cuprea	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		
5105030501	Cosmioconcha calliglypta						1
5502040213	Nuculana concentrica	1					
7200020199	?Golfingia bulbosa					1	
8129030903	Amphioplus coniortodes	1	1			1	1

780801PS2000287 T.P MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

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	GNereis		3			1	2
5001250115	Nephtys incisa		1	3		1	2
50012A	Goniadidae	1					
5001280106	Glycinde normanni		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	GActeon	1	1				
5110130201	Volvulella texasiana			2		2	
5502040213	Nuculana concentrica	2	4		1		4
5517020201	Corbula contracta		1				2
6189050401	Speocarcinus lobatus					1	
7200020199	?Golfingia bulbosa	3					
8129030903	Amphioplus coniortodes		1	2		2	1

780801Pw0500287 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

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

780801PW20002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
375402	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	Nephtys 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	Leiolambrus nitidus		1				
7200020199	?Golfingia bulbosa	1				1	
8129030903	Amphioplus coniortodes	1				1	

780802PE0500287 T.8 MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis			3			
3758	Zoantharia actiniaria	1					2
3760020201	Parenthus rapiformis	1		1			
43	Rhynchocoela	1	1				
5001210103	Gyptis vittata		1				1
5001220103	Ancistrosyllis jonesi	1					1
5001220201	Sigambra tentaculata	9	1	13		4	4
5001220203	Sigambra wassi	1					
500124	Nereidae			4			
50012404	GNereis					2	
5001240410	Nereis succinea	1					
5001250115	Nephtys incisa			1			1
5001290201	Diopatra cuprea	1	1	1	2	2	2
5001310113	Lumbrinereis tenuis		1				1
5001410601	Cirrophorus lyriformis						1
5001431701	Paraprionospio pinnata	46	26	62		29	38
5001440109	Magelona phyllisae	265	32	173	18	37	36
5001580204	Armandia maculata	1	1	4			
5001630103	Asychis elongata			1			
5001640302	Myriowenia californiensis	18		10			1
5103760204	Natica pusilla			1			
5105030303	Anachis obesa	1					
5502020204	Nucula proxima			1			
5507020101	Atrina seminuda	2		1			
5515350201	Abra aequalis			2			
551547110101	Mercenaria mercenaria texana					1	
6119040101	Longipedia helgolandica		2				
6177010202	Trachypenaeus similis			1			
6179150102	Ogyrides limicola			1			2
61890106	GPortunus			1			
7200020197	?Golfingia pellucida						1
7200020199	?Golfingia bulbosa	21	16	6	11	10	56
7200030199	?Aspidosiphon albus						1
7700010203	Phoronis architecta	8		3			5
8129030903	Amphioplus coniortodes			1			2
82010201	Balanoglossus			2			

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Code	Organism name	A	B	C	D	E	F
5001220103	Ancistrosyllis jonesi						1
5001220201	Sigambra tentaculata					1	
5001220203	Sigambra wassi				1		
50012404	GNereis				1		
5001290201	Diopatra cuprea				2		
5001310113	Lumbrinereis tenuis		1				
5001431701	Paraprionospio pinnata	3	4	9	3	5	2
5001440109	Magelona phyllisae		13	10	30	3	2
5001630103	Asychis elongata			1			
5001640302	Myriowenia californiensis			1			
6184	ABrachyura						1
7200020199	?Golfingia bulbosa	18	117	245	111	115	91
7200030199	?Aspidosiphon albus			1	1		
7700010203	Phoronis architecta					1	
8120	Ophiuroidea			1			2

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Code	Organism name	A	B	C	D	E	F
3758	Zoantharia actiniaria					3	
3760020201	Paranthus rapiformis						1
43	Rhynchocoela				2		
50010218	GLepidasthenia			1		1	1
5001210103	Gyptis vittata					1	
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata				2	8	1
5001240410	Nereis succinea				2	2	
5001290201	Diopatra cuprea		1	1	3	5	4
5001431701	Paraprionospio pinnata	4	20	34	63	40	19
5001440109	Magelona phyllisae	37	8	28	88	17	73
5001580204	Armandia maculata			1	2	1	
5103760204	Natica pusilla				1		3
5105040401	Cantharus cancellarius				2		
5105080106	Nassarius acutus	4				1	1
5106040101	Terebra dislocata				1		
5502020204	Nucula proxima	4					5
5506010202	Anadara ovalis				1		
5515350201	Abra aequalis				1		1
5515480102	Petricola pholadiformis	1		1		9	1
5517020201	Corbula contracta					2	
6179140301	Automate evermanni				1		
6184	ABrachyura					1	
61860202	GHepatus					1	
7200020199	?Golfingia bulbosa	6	5	5	2	18	7
7200030199	?Aspidosiphon albus	1		1	1		2
7700010203	Phoronis architecta				1		
8129030903	Amphioplus conjortodes	1					
8178020103	Chiridota laevis					1	

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi	1					1
3760020201	Paranthus rapiformis	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	GNereis				4		1
5001240410	Nereis succinea				3		
5001250303	Aglaophamus verrilli				5	1	
5001290201	Diopatra cuprea	1	2	4	3	4	5
5001310113	Lumbrinereis tenuis	1		1			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			2		
5506010201	Anadara transversa	1					
5515050104	Diplodonta soror			1			
5515480102	Petricola pholadiformis				4		1
5517020201	Corbula contracta	1	1				
6175	ADecapoda (arthropoda)						6
7200020199	?Golfingia bulbosa	8	6	3	11	4	9
7200030199	?Aspidosiphon albus				2		
7700010203	Phoronis architecta			1	4		

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Code	Organism name	A	B	C	D	E	F
37590101	GEdwardsia			1			
5001220103	Ancistrosyllis jonesi			2			
5001220201	Sigambra tentaculata			3		1	1
50012404	GNereis				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	GPortunus		1	1			
7200020199	?Golfingia bulbosa	4	10	21	3	1	3
7700010203	Phoronis architecta	1		1	1		
885703	Bothidae	1					

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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	Lumbrinereis tenuis			1			
5001431701	Paraprionospio pinnata		11	17	2	2	114
5001440109	Magelona phyllisae		68	9	8	32	241
5001500307	Tharyx marioni		1				
5001630103	Asychis elongata					1	
51	Gastropoda	1					
5502020204	Nucula proxima				1		
5515350201	Abra aequalis					1	
5517020201	Corbula contracta						1
6175	ADecapoda (arthropoda)	5	8				
72	Sipuncula	7					
7200020199	?Golfingia bulbosa		34	14	16	9	23
7200030199	?Aspidosiphon albus		3			1	3
7700010203	Phoronis architecta						1
8129030903	Amphioplus coniortodes						1
82010201	Balanoglossus						2
883502	Serranidae						1

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Code	Organism name	A	B	C	D	E	F
3758	Zoantharia actiniaria					1	
3760020201	Paranthus rapiformis	1	1				
43	Rhynchocoela	5					
5001220103	Ancistrosyllis jonesi		2		2		
5001220201	Sigambra tentaculata	1	2		2	2	
50012404	GNereis	1					
5001250115	Nephtys incisa	7					
5001310113	Lumbrinereis tenuis	2					1
5001310204	Ninoe nigripes	3					
5001410601	Cirrophorus lyriformis	2					
5001431701	Paraprionospio pinnata	26	25	17	31	2	1
5001440104	Magelona rosea	1					
5001440109	Magelona phyllisae	71	74	20	29	25	17
5001490101	Chaetopterus variopedatus				1	1	
5001490303	Spiochaetopterus oculatus					1	
5001520103	Cossura delta	2			1		
5001580204	Armandia maculata	1	1		5	1	
5001600306	Notomastus latericeus	4					
5001640302	Myriowenia californiensis	3					
51	Gastropoda		2			2	
51032003	GCingula	7					
5103230205	Vitrinella floridana	3					
5103760204	Natica pusilla	2				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 agassizi	1					
617701	Penaeidae	1					
7200020199	?Golfingia bulbosa	1	3	1	1		
7200030199	?Aspidosiphon albus	6				1	
7700010203	Phoronis architecta	1	4		1		

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Code	Organism name	A	B	C	D	E	F
3740	Anthozoa						1
3758	Zoantharia actiniaria			6		1	
3760020201	Paranthus rapiformis	2	1	1	2	1	
43	Rhynchocoela						1
8303020209	Cerebratulus lacteus					1	
5001021A	GLepidasthenia	2	5	1	1		6
5001220103	Ancistrosyllis jonesi		1	1	1	1	2
5001220201	Sigambra tentaculata	3	2	1	6	9	3
5001290201	Diopatra cuprea		4	2	1	5	3
50014304	GPolydora						1
5001431701	Paraprionospio pinnata	9	19	23	32	25	3
5001440109	Magelona phyllisae	6	7	2	4	22	7
5001580204	Armandia maculata	1				2	2
500163	Maldanidae						1
500163020201	Clymenella torquata calida			1			
5001640102	Owenia fusiformis	1					
5103760204	Natica pusilla					1	
5105040401	Cantharus cancellarius						1
5110010101	Acteon punctostriatus					1	
5502020204	Nucula proxima		1				2
550601	Arcidae		2				
5507020101	Atrina seminuda		1				
55154715	GChione						1
5515480102	Petricola pholadiformis		1	2			
5517020201	Corbula contracta		3			1	1
7200020199	?Golfingia bulbosa	3	2	3	3	1	1
7200030199	?Aspidosiphon albus		6			5	1
73	Echiura	4	3	1	1	1	8

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi		1				
43	Rhynchocoela	10	5	2	1	8	5
47051001	GDorvleimopsis					1	
47051002	GSabatieria			9		4	
47110401	GAnticoma			1		1	
471114	Oncholeimidae			1			
5001100302	Pseudeurythoe ambigua	3			1	1	
5001220201	Sigambra tentaculata					1	
500123	Syllidae			1			
5001240103	Ceratonereis irritabilis	2	2	4	2	3	
50012404	GNereis	16	13	9	18	24	28
5001250114	Nephtys bucera			1			
5001250115	Nephtys incisa	3					
5001270104	Glycera americana	2	1	1	3	3	2
5001280104	Glycinde solitaria				2		
5001280106	Glycinde nordmanni	1				2	
5001290112	Onuphis nebulosa	2	3	1	1		
5001290201	Diopatra cuprea	1	1			1	
5001310113	Lumbrinereis tenuis	6	8	6	4	7	7
5001310204	Ninoe nigripes			1			1
5001410201	Aricidea suecica	22	18	26	11	30	8
5001410214	Aricidea fragilis	2		1	2		
5001410601	Cirrophorus lyriformis	1				3	
5001430502	Prionospio cirrifera			1			1
5001430508	Prionospio cirrobranchiata	1		2		1	1
5001430510	Prionospio cristata	1					2
5001431701	Paraprionospio pinnata		1	2	1	1	1
5001440104	Magelona rosea	2	1	1	1	4	
5001440109	Magelona phyllisae	3	1	1	2	1	
5001440199	?Magelona filiformis					1	
5001500105	Cirratulus hedgpethi					1	
5001500304	Tharyx setigera	1	2		1	5	5
5001500307	Tharyx marioni	2	6	5	5	11	3
50015007	Timarete	1		2			
5001520103	Cossura delta		2	4	1	4	2
5001600306	Notomastus latericeus	5	7	5	2	2	3
5001600402	Mediomastus californiensis	1	7	13	4	17	3
5001640102	Owenia fusiformis	1					
5001670208	Ampharete acutifrons	2	5	2	1	4	2
50017001	GChone				1		
50017501	Grubeulepis				1		
5110130201	Volvulella texasiana		1			1	
55	Bivalvia	5					
5502020204	Nucula proxima	1				1	
5502040213	Nuculana concentrica	2			1		
5515310209	Tellina versicolor	2	1	1	1	2	3
5515471401	Agriopoma texasiana		1				
5515471501	Chione clenchi		1	2			
5517020201	Corbula contracta	11		4	2	4	3
5517020301	Varicorbula operculata	10	3		3	3	
5520050206O1	Lyonsia hyalina floridana	2					
6169020108	Ampelisca abdita			2		1	1
6169020110	Ampelisca verrilli	1	2				1
6169020111	Ampelisca agassizi					1	
6169260299	?Photis macromanus	1					
6184	ABrachyura			1			
6189050401	Speocarcinus lobatus	1	1		1		1
6191	Stomatopoda						1
7200020199	?Golfingia bulbosa	3	6	3		3	3
7200030199	?Aspidosiphon albus		1			1	
7700010203	Phoronis architecta			1			
7815040802	Cupuladria doma		75				
80020102	Lingula					1	
8106010502	Astropecten duplicatus				1		
8120	Ophiuroidea					1	
884701	Gobiidae					1	

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	Paracomesoma						1
471114	Oncholaimidae						1
500102	Polynoidae	1	1				
5001030201	Polyodontes lupina		1				
5001100302	Pseudeurythoe ambigua	1		2		2	
5001220201	Sigambra tentaculata	2					
5001240103	Ceratonereis irritabilis	11		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	1	
5001290112	Onuphis nebulosa	1		1			2
5001310113	Lumbrinereis tenuis	4	7	8	6	2	5
5001410201	Aricidea suecica	2	3	26	3	1	3
5001410214	Aricidea fragilis	1					
5001410601	Cirrophorus lyriformis			2			
5001430502	Prionospio cirrifera			1			
5001430508	Prionospio cirrobranchiata			1			
5001430510	Prionospio cristata		1				
5001431701	Paraprionospio pinnata	2	3	4	4		2
5001440109	Magelona phyllisae						2
5001500105	Cirratulus hedgpethi			2			
5001500304	Tharyx setigera	1	1	2	2		
5001500307	Tharyx marioni		2	4	5	1	2
50015007	Timarete	1					3
5001520103	Cossura delta			4	1		
5001600306	Notomastus latericeus	4		1	1	2	
5001600402	Mediomastus californiensis			27	1	4	1
5001630103	Asychis elongata				2		
5001670208	Ampharete acutifrons	1			3	1	
5001670211	Ampharete americana					1	
50016A2301	Amaeana trilobata	1					1
5001700402	Megalomma bioculata			1			
5110130201	Volvulella texasiana				2		
55	Bivalvia		1				1
5502020204	Nucula proxima	1			1		
5502040213	Nuculana concentrica	1	1		1	1	
5515310209	Tellina versicolor		1		8		
5517020201	Corbula contracta	1		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	1
7200020199	?Golfingia bulbosa	4		4	8	2	3
7200030199	?Aspidosiphon albus				1	1	1
7815040402	Cupuladria doma				150	75	
8106010502	Astropecten duplicatus		1				
8129030903	Amphioplus coniortodes	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					1	
47110401	GAnticoma		1				
471199	?Enchelidiidae		1				
50010218	GLepidasthenia	1					
5001100302	Pseudeurythoe ambigua	1	3		4		
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata		1	1			
5001240103	Ceratonereis irritabilis	7	5	14	10	5	1
50012404	GNereis	13	8	5	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	Lumbrinereis tenuis	9	9	4	6	3	1
5001310204	Ninoe nigripes					1	
5001410201	Aricidea suecica	1	14	9			
5001410214	Aricidea fragilis	2		1			
5001410601	Cirrophorus lyriformis	1	1				
5001430502	Prionospio cirrifera	2		1			
5001430508	Prionospio cirrobranchiata	1	6	5			
5001430510	Prionospio cristata	1	7				
5001431701	Paraprionospio pinnata	3	1	4		1	
5001440104	Magelona rosea	3	2	1	1		3
5001440109	Magelona phyllisae			1			
5001500304	Tharyx setigera	2		1	1		1
5001500307	Tharyx marioni	4	8	3		1	
5001520103	Cossura delta	1	1	1	1		1
5001600306	Notomastus latericeus	2	1	1			1
5001600402	Mediomastus californiensis	2	7	10			1
500163020201	Clymenella torquata calida				1		
5001670208	Ampharete acutifrons	2	1	2			
50017001	GChone			1		1	1
5110130201	Volvulella texasiana	3					
55	Bivalvia			2			
5502020204	Nucula proxima		2				
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	Ericthonius brasiliensis						1
616937	Dodicerotidae					1	
6175	ADecapoda (arthropoda)	1					
6179140301	Automate evermanni			1			
6179170101	Processa hemphilli				1		
6184	ABrachyura			1			
6189050401	Speocarcinus lobatus	1		3	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			1	
8129030102	Amphiodia atra				1		
885703	Rothidae					1	
88580201	GSymphurus					1	

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus	3					
3756010101	Palythoa texaensis	1		1		1	
3760010299	?Anthopleura krebsi			1	1		
3901	Turbellaria	4	5	1	5		2
43	Rhynchocoela		1		1		
5001060302	Sthenelais boa			1			
5001100302	Pseudeurythoe ambigua			1			
5001130104	Anaitides mucosa			1			
5001220201	Sigambra tentaculata			2			
5001240103	Ceratonereis irritabilis	6	5	1		6	3
50012404	GNereis	1					
50012406	GCeratocephale		3				
5001250114	Nephtys bucera			1			
5001250115	Nephtys incisa	1					
5001250116	Nephtys magellanica	2	2	3	1	2	2
5001250303	Aglaophamus verrilli	1	1	2	1		
5001270104	Glycera americana		2				
5001280104	Glycinde solitaria		1	1	1		1
5001280206	Goniada teres	3	1	6	5	1	2
5001310113	Lumbrinereis tenuis		3		1		
5001410201	Aricidea suecica	1					
5001410214	Aricidea fragilis	2	3		1		2
5001431001	Spiophanes bombyx	2	6	4	4	1	6
5001431701	Pseraprionospio pinnata						1
5001432301	Microspio pigmentata			1			
5001440104	Magelona rosea		3	2	1	1	4
5001440109	Magelona phyllisae	1	6	1	5		10
5001500304	Tharyx setigera	3	11	4	8	11	6
5001500307	Tharyx marioni		5				1
50015007	Timarete	3					
5001600306	Notomastus latericeus		1				
500163	Maldanidae	1	7	2	11		
5001630103	Asychis elongata				1		
5001640102	Owenia fusiformis	3	3	1	1	1	1
5001660302	Pectinaria gouldii			1			
5001670208	Ampharete acutifrons	2				1	
5001670211	Ampharete americana	1	1		1		1
5001680701	Pista cristata	4					
5001690101	Terebellides stroemii						1
500170	Sabellidae		5		4	3	
50017001	GChone	5	1	2	4		3
5001700402	Megalomma bioculata	3				3	2
51	Gastropoda	1	1		2		1
5103760204	Natica pusilla				1		
5105030303	Anachis obesa						
5105030501	Cosmioconcha calliglypta						2
5105030601	Nassarina glypta						1
5105040401	Cantharus cancellarius						
5105100201	Oliva sayana	1					
510602	Turridae	1	1	1	1		4
5106040101	Terebra dislocata	4	1		1		
5110010101	Acteon punctostriatus	2		2			
5110050106	Philine sagra				1		1
5110130201	Volvulella texasiana				2		
5110130202	Volvulella persimilis						
5110130301	Pyrunculus caelatus	1		1			
5113020106	Cavolina longirostris	10		3	3	3	7
52	Bivalvia	2		1	4	3	4
5202020204	Nucula proxima	1	1	2	1		2
5202040213	Nuculana concentrica						1
550601	Arcidae	1					
550702	Pinnidae	1			1	2	1
5515010102	Parvilucina multilineata	1					
5515010601	Linga amiantus	2				1	
5515050104	Diplodonta soror	1					
5515200102	Crassinella lunulata	1					
5515310206	Tellina aequistriata	2	2	3	4	2	6
5515310209	Tellina versicolor	1					
5515310401	Tellidora cristata	4	2		4	2	
5516471401	Agriopoma texasiana				1		
5516471501	Chione clenchi	1	4	8	2	2	7
5517020201	Corbula contracta	7	7	2	6		9
5517020301	Varicorbula operculata				1	1	
552005020601	Lyonsia hyalina floridana	1					
61560301	Apseudes	1	1		4		1
6160	Peracarida isopoda anthuridea				4		
6169020108	Ampelisca abdita	7	5			1	1
6169020110	Ampelisca verrilli	4	2		8	2	4
6169020111	Ampelisca agassizi	1					1
6169260299	?Photis macromanus					1	
61694A10	GStenothoe						
6177020101	Acetes americanus						

61910101	GSquilla					1	
72000201 98	?Golfingia trichocephala						3
72000201 99	?Golfingia bulbosa	3	6		6	3	14
72000301 99	?Aspidosiphon albus	10	4	1	16	6	1
77000102 03	Phoronis architecta	1			1		
78150404 02	Cupuladria doma	100					
78150404 99	?Cupuladria biporasa					250	
80020102	Lingula	1		2	1	2	
81060105 02	Astropecten duplicatus			1			
812903	Amphiuridae	2					
81290301 02	Amphiodia atra		1				
81720603 06	Pentamera pulcherrima	5	1	1	2	2	1

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	4		7	13	6
47	Nematoda				1		
470401	Linhomoeidra		1				
47051001	GDorylaimopsis		2			1	
47051002	GSabatieria		2			1	
47110401	GAnticoma	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 bucera						1
5001270104	Glycera americana	2	1	2	2	6	1
5001290112	Onuphis nebulosa				1	1	
5001290201	Diopatra cuprea			1			
5001310113	Lumbrinereis tenuis		7	1	6	6	6
5001410201	Aricidea suecica	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		4	2	5
5001440104	Magelona rosea	4		3	5	7	1
5001440109	Magelona phyllisae	5			1	1	2
5001440199	?Magelona filiformis	1					
5001500304	Tharyx setigera	2	4		6	7	2
5001500307	Tharyx marioni	5	7	1	5	6	5
5001520103	Cossura delta	1	1		3	2	2
5001600306	Notomastus latericeus	2			1	4	
5001600402	Mediomastus californiensis	1	7	2	6	10	12
5001630103	Asychis elongata				1		
5001630203	Clymenella zonalis				1		
5001670208	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
5515471401	Agriopoma texasiana			1			
5515471501	Chione clenchi						1
5517020201	Corbula contracta		1	8	8		5
5517020301	Varicorbula operculata			5	2		
552005020601	Lyonsia hyalina floridana		1		3	1	1
6169020108	Ampelisca abdita				1		
616915	Corophiidae				3		
6169370820	Monoculodes edwardsi					1	
6179140103	Alpheus floridanus				1		
6184	ABrachyura					2	
6189050401	Speocarcinus lobatus	1				3	
7200020199	?Golfingia bulbosa	1	3	1		7	1
7815040402	Cupuladria doma						25

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3	6		7	7
4303020209	Cerebratulus lacteus			1			
50010218	GLepidasthenia						1
5001100302	Pseudeurythoe ambigua		1				
500124	Nereidae				2		1
50012404	GNereis	2	2	1		1	3
5001250115	Nephtys incisa	8	4	4	4	3	5
5001290112	Onuphis nebulosa		1				
5001290201	Diopatra cuprea			1	2		1
5001310113	Lumbrineris 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	1				1	1
5001431701	Paraprionospio pinnata	28	9	28	10	7	11
5001440104	Magelona rosea	1	4			5	1
5001440109	Magelona phyllisae			2	2		
5001440199	?Magelona filiformis			3			
5001500105	Cirratulus hedgpethi						1
5001520103	Cossura delta		3	4	2	1	2
5001600306	Notomastus latericeus						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 calliglypta						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	Ericthonius brasiliensis					1	
6179140301	Automate evermanni			1	1		
61890604	GPinnixa				1		
7200020198	?Golfingia trichocephala		1				
7200020199	?Golfingia bulbosa		3	2	1	1	

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	8	8	5		9
4303020209	Cerebratulus lacteus	2		1			
500102	Polynoidae		2				1
5001100302	Pseudeurythoe ambigua	1	7	2		1	3
5001130110	Anaitides erythrophyllus			1			
5001220201	Sigambra tentaculata			1		1	
5001240103	Ceratonereis irritabilis	11	24		10	9	13
50012404	GNereis	5		6	6	14	5
5001240410	Nereis succinea	2	3	12	1	1	5
5001250115	Nephtys incisa			2			
5001270104	Glycera americana	3	5	2		3	4
5001280106	Glycinde nordmanni			2			1
5001290112	Onuphis nebulosa		1				
5001290201	Diopatra cuprea			1	1	1	
5001310113	Lumbrinereis tenuis	3	2	3	3	6	5
5001310204	Ninoe nigripes		2			1	
5001410201	Aricidea suecica	2	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	3	2	2		2
5001440104	Magelona rosea	4	3	4	1	3	
5001500304	Tharyx setigera		1			1	
5001500307	Tharyx marioni	1	2	1	1	3	2
5001520103	Cossura delta			1	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	Owenia fusiformis		1			1	
5001660302	Pectinaria gouldii		1				
5001670208	Ampharete acutifrons		1	4		1	2
5001670211	Ampharete americana	1					
5001700402	Megalomma bioculata	1					
5103230205	Vitrinella floridana		1				
5103760501	Sinum perspectivum		1				
5106040101	Terebra dislocata		1				
52	Bivalvia		11				
5515310209	Tellina versicolor	2					5
5515471401	Agriopoma texasiana					1	
5515471501	Chione clenchi		1				
5517020201	Corbula contracta	3	9	2		3	2
552005020601	Lyonsia hyalina floridana	1					1
6154090202	Cyclaspis varians				1		
6168	AAmphipoda					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	ABrachyura						1
6189050401	Speocarcinus lobatus		1		1	1	2
7200020199	?Golfingia bulbosa	9	15	4	5	2	8
7200020401	Phascolion strombi					1	
7200030199	?Aspidosiphon albus			1	1	1	
80020102	Lingula		1	1			
8106010502	Astropecten duplicatus			1			

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	7	6	6	5	11
47051001	GDorvleimopsis	2			2		
47051002	GSabatierie	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	2	1	1
50012404	GNereis	32	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	12	6
5001310204	Ninoe nigripes	1			3	2	2
5001410201	Aricidea suecica	3	1	6	3	1	6
5001410214	Aricidea fragilis			1			
5001410301	Paraonis 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	1	1	
5001440199	?Magelona filiformis		1		3	2	2
5001500304	Tharyx setigera	1		1	2	2	4
5001500307	Tharyx marioni	7	3	7	5	2	2
50015007	Timarete	1					1
5001520103	Cossura delta	1	1	1	2		3
5001580204	Armandia maculata		3	1	1		
5001600306	Notomastus latericeus	4	2	2	2	7	3
5001600402	Mediomastus californiensis	19		40	14	4	19
5001670208	Ampharete acutifrons	3	1		4	3	4
5001670211	Ampharete americana	2					
5103230205	Vitrinella floridana			2			3
5110130201	Volvulella texasiana			1			5
55	Bivalvia			1			1
5502020204	Nucula proxima			1			1
5502040213	Nuculana concentrica	1				2	1
5515310209	Tellina versicolor	1		2	1	1	2
5515471401	Agriopoma texasiana						1
5515471501	Chione clenchi			1		1	
5517020201	Corbula contracta	1		7			7
5517020301	Varicorbula operculata						1
6110	Ostracoda			1			
6169020108	Ampelisca abdita						2
6169020111	Ampelisca agassizi	1					
6179140301	Automate evermanni					3	
6184	ABrachyura				1	1	
6189050401	Speocarcinus lobatus		1	1	1	1	1
6189050899	?Chasmocarcinus mississippiensis	1				1	
7200020199	?Golfingia bulbosa		3	4	1	2	1
7200030199	?Aspidosiphon albus	2		1		1	1
8106010502	Astropecten duplicatus				1		
8120	Ophiuroidea						1
8129030102	Amphiodia atra					1	
8129030903	Amphioplus coniortodes		2			1	1

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi			3			
43	Rhynchocoela	1	2	1			2
5001100302	Pseudeurythoe ambigua	1					
5001220201	Sigambra tentaculata			1		1	
500124	Nereidae	1	1				1
5001250115	Neohtys incisa	4	5	17		8	11
5001310113	Lumbrinereis tenuis	3	2	3	2	3	2
5001310204	Ninoe nigripes	2	3	1		3	1
5001330103	Drilonereis longa		1				1
5001410201	Aricidea suerica	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				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
5001580204	Armandia maculata					1	
5001590101	Sternaspis scutata	1					
5001600306	Notomastus latericeus		2	2		2	2
5001600402	Mediomastus californiensis			1			1
5001630103	Asychis elongata		1				
51032003	GCingula		1	11			
5103730104	Atlanta peronii		1				
5105030501	Cosmioconcha calliglypta				1		
5110130201	Volvulella texasiana			2			1
5113020106	Cavolina longirostris	1					
55	Bivalvia	2				1	
5502040213	Nuculana concentrica		4		1		2
5515350201	Abra aequalis		2		1		2
5515471401	Agriopoma texasiana		2				
5517020201	Corbula contracta		12	13	2		12
552005020601	Lyonsia hyalina floridana		1				
6154040213	Eudorella monodon		1				
6169020108	Ampelisca abdita		2				
6169330301	Listriella barnardi			1			
617701	Penaeidae			1			
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni			1	1		
6179170101	Processa hemphilli	1					
6184	ABrachyura						1
6189050401	Speocarcinus lobatus	1					
61890604	GPinnixa	1	1				
8129030903	Amphioplus conjortodes		1		1	1	
8162040301	Schizaster orbignyanus	1					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		2	2	2	2	3
4303020209	Cerebratulus lacteus				1		
5001220103	Ancistrosyllis jonesi						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		2		
5001630103	Asychis elongata				1		
500170	Sabellidae				1		
51032003	GCingula		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	1	2		10		4
6154040213	Eudorella monodon						2
6169020111	Ampelisca agassizi			1			
6184	ABrachyura		1				
6189050899	?Chasmocarcinus mississippiensis		1	1			
7200020401	Phascolion strombi		1				
7815040402	Cupuladria doma				2	2	
8129030102	Amphiodia atra	1					
8129030903	Amphioplus coniortodes		1		1		
8162040301	Schizaster orbignyanus			1			1

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Code	Organism name	A	B	C	D	E	F
3453670199	?Cibicides concentricus		1				
3760010299	?Anthopleura krebsi		5				
43	Rhynchocoela	5	5	4	7	1	3
5001100302	Pseudeurythoe ambigua				2		
5001210103	Gyptis vittata		1				
5001220201	Sigambra tentaculata		3		2		
500124	Nereidae	1					
5001240103	Ceratonereis irritabilis					1	
50012404	GNereis	1	1				
5001250115	Nephtys incisa		18	5	12	3	8
5001270104	Glycera americana			1			
5001280106	Glycinde nordmanni	1					
5001290201	Diopatra cuprea						1
5001310113	Lumbrinereis tenuis	4	4	2	4	4	5
5001310204	Ninoe nigripes	1	3	2	1	3	2
5001410201	Aricidea suecica	3	3		7	1	
5001410601	Cirrophorus lyriformis		3		1		
5001430502	Prionospio cirrifera		1				
5001430508	Prionospio cirrobranchiata			2			
5001431701	Paraprionospio pinnata	2	25	5	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	2	3	3	1	
50015007	Timarete		1				
5001520103	Cossura delta	1	2		3		
5001600306	Notomastus latericeus	1	4	1	3	1	3
5001600402	Mediomastus californiensis	1		3			
5001630103	Asychis elongata		1				
5001682301	Amaeana trilobata				1		
51032003	GCingula		1	2			
5103230205	Vitrinella floridana	2					
5103760407	Polinices duplicatus			1			
5106040101	Terebra dislocata	3	1				1
5110130201	Volvulella texasiana	5	4	1	1	3	3
55	Bivalvia	3	1				
5502040213	Nuculana concentrica	2	2	2	2		1
5515310123	Macoma pulleyi		1				
5515310209	Tellina versicolor			1			1
5515350201	Abra aequalis		2		5	2	1
5515471401	Agriopoma texasiana				1	1	
5517020201	Corbula contracta	9	17	7	9	10	26
61230101	GCaligus		1				
6154040213	Eudorella monodon				2	1	
6154090202	Cyclaspis varians	1					
6169020108	Ampelisca abdita	1					
6169020111	Ampelisca agassizi				1		
6169330301	Listriella barnardi	1			1		
6175	ADecapoda (arthropoda)		18				
617701	Penaeidae			1			
6179140103	Alpheus floridanus			1		1	1
6179140301	Automate evermanni	2		1			
6184	ABrachyura						2
6189050401	Speocarcinus lobatus	1				2	
61890604	GPinnixa	3				1	
61910101	GSquilla	1					
6191010102	Squilla chydaea					1	
7200020401	Phascolion strombi		1		1		
80020102	Lingula						1
8106010502	Astropecten duplicatus						1
8129030102	Amphiodia atra				1		
8129030903	Amphioplus coniortodes	1	1				

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina	1			1		
43	Rhynchocoela	6	1	1	13		2
5001060302	Sthenelais boa					1	
5001220201	Sigambra tentaculata		1				
500123	Syllidae	2			1		
500124	Nereidae				1	1	
5001240103	Ceratonereis irritabilis					4	
50012404	GNereis		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	1			
5001330103	Drilonereis longa				1		
5001410201	Aricidea suecica	2		3			
5001410301	Paraonis gracilis						1
5001410601	Cirrophorus lyriformis	1		1			1
5001430502	Prionospio cirrifera	5			6		
5001431701	Paraprionospio pinnata	7		2	21		7
5001440109	Magelona phyllisae	1		1			
5001440199	?Magelona filiformis	1		1	5		1
5001500304	Tharyx setigera			1			
5001500307	Tharyx marioni		1	1	2		
5001520103	Cossura delta	2			2		5
5001600306	Notomastus latericeus	1	1	8	6		2
5001600402	Mediomastus californiensis	1					1
5001630103	Asychis elongata		1	1			
51032003	GCingula	17	2		7		
5103230205	Vitrinella floridana				3		1
5103230502	Teinostoma biscaynense						1
5103530401	Niso aeglees	1					
5105030501	Cosmioconcha calliglypta				1		
5106040101	Terebra dislocata		1	2	1		
5110130201	Volvulella texasiana	2	1	2	3		
55	Bivalvia		1		5	9	
5502020204	Nucula proxima				1		
5502040213	Nuculana concentrica	2		6	5	2	1
5515310209	Tellina versicolor			1	1		
5515350201	Abra aequalis			5	4		
5515471401	Agriopoma texasiana			1			
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					1	
6189050401	Speocarcinus lobatus		1			1	
61890604	GPinnixa			1	2	1	
7200020199	?Golfingia bulbosa			1			
8106010502	Astropecten duplicatus	1		1			
8129030102	Amphiodia atra	1					
8129030903	Amphioplus coniortodes			1	1		

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		9	7	3	3	3
5001060302	Sthenelais boa		1				
5001210103	Gyptis vittata				1		
5001220201	Sigambra tentaculata	1			2		
50012404	GNereis		1		1		
5001250115	Nephtys incisa	8	6	6	5	6	7
5001270104	Glycera americana	1	1		1	1	
5001280106	Glycinde nordmanni		1				
5001310113	Lumbrinereis tenuis	2	1	2	4	2	6
5001310204	Ninoe nigripes	1	2	1	1	1	1
5001360102	SSchistomeringos caeca			1			
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	1				1	
5001431701	Paraprionospio pinnata	8	8	13	6	3	2
5001440104	Magelona rosea	1	7	3			
5001440109	Magelona phyllisae				1	2	
50014401?9	?Magelona filiformis	3		3	3	1	1
5001500304	Tharyx setigera	1	1				
5001500307	Tharyx marioni	1	1	1			
5001520103	Cossura delta	1	3	3		2	2
5001580204	Armandia maculata		2	2			
5001590101	Sternaspis scutata		1				1
5001600306	Notomastus latericeus	3		3	2	3	
5001600402	Mediomastus californiensis		2	1			
51	Gastropoda		1	1			
51032003	GCingula		3				
5103760501	Sinum perspectivum			1			
5105030501	Cosmioconcha calliglypta	1					
5110130201	Volvulella texasiana	3	3	4		1	
55	Bivalvia	1	2			2	
5502020204	Nucula proxima	1					
5502040213	Nuculana concentrica	1	3	2		12	1
5515310209	Tellina versicolor		2	2		1	
5515350201	Abra aequalis	2				1	2
5517020201	Corbula contracta	11	6	2		17	6
6168	AAmphipoda			2			
6169020108	Ampelisca abdita					1	
6179140103	Alpheus floridanus		1	2	1		
6184	ABrachyura						1
6189021501	Pseudomedaeus agassizii	2					
6189050401	Speocarcinus lobatus				2		
6189050899	?Chasmocarcinus mississippiensis	1					
61890604	GPinnixa			1			
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1				1	
8129030903	Amphioplus coniortodes			2			

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Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina				1		
3758	Zoantharia actiniaria		1				
43	Rhynchocoela	5	6	1	3	2	1
5001100302	Pseudeurythoe ambigua	1	1				
5001130110	Anaitides erythrophylla					1	
5001220801	Parandalia ocularis			1			
500124	Nereidae			1			
5001250115	Nephtys incisa	3	17	7	10	2	13
5001310113	Lumbrinereis tenuis	1	2	1		2	1
5001310204	Ninoe nigripes		1	1	1		
500141	Paraonidae				1		
5001410201	Aricidea suecica		2				
5001410301	Paraonis gracilis				4		
5001410601	Cirrophorus lyriformis		2				
5001430502	Prionospio cirrifera		11		4		2
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	1					
5001600306	Notomastus latericeus	1	2		2	2	
51032003	GCingula	5					
5103230205	Vitrinella floridana	1					
5105030303	Anachis obesa	1					
5105030501	Cosmioconcha calliglypta		1				1
5110130201	Volvulella texasiana	2	2		3		1
55	Bivalvia				1		1
5502040213	Nuculana concentrica			1			
5517020201	Corbula contracta	4	3	1	5		1
6154040213	Eudorella monodon	1					
6154090202	Cyclaspis varians		1				
6169330301	Listriella barnardi				1		
6179140103	Alpheus floridanus		1				
6179140301	Automate evermanni		1	2			
6189050401	Speocarcinus lobatus			1			
61890604	GPinnixa		2				1
8106010502	Astropecten duplicatus					1	
8129030102	Amphiodia atra	1		1			
8129030903	Amphioplus coniortodes				1		
8172060306	Pentamera pulcherrima				1		
8717	Osteichthyes				1		

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi						1
43	Rhynchocoela	5		3		7	7
47051002	GSabatieria				1		
5001220201	Sigambra tentaculata			3	2	1	
500124	Nereidae						1
5001250115	Nephtys incisa		4	9	1	10	10
5001270104	Glycera americana						1
500128	Goniadidae				1		
5001280106	Glycinde nordmanni			1			
5001310113	Lumbrineris tenuis			3	6	3	3
5001310204	Ninoe nigripes		3	2	9		2
5001410214	Aricidea fragilis						1
5001410601	Cirrophorus lyriformis			1		1	1
5001430508	Prionospio cirrobranchiata			1			
5001431701	Paraprionospio pinnata		7	12	6	16	4
5001440109	Magelona phyllisae		3		1	1	
5001440199	?Magelona filiformis				1		
5001500307	Tharyx marioni				1		2
5001520103	Cossura delta		2	3	3		2
50015404	GDiplocirrus					1	
5001600306	Notomastus latericeus		5	2	5	4	9
51	Gastropoda	10				2	
51032003	GCinqula		1	1			1
5103230205	Vitrinella floridana				1		
5103760407	Polinices duplicatus		1		1		
5106040101	Terebra dislocata		1	2	2		
51080101	GOdostomia			1			
51080102	GTurbonilla			1			
5110130201	Volvulella texasiana			1	1		1
55	Bivalvia	5			1		
5502040213	Nuculana concentrica		1	4			
5515350201	Abra aequalis			1	1		1
5515471501	Chione clenchi				1		
5517020201	Corbula contracta		3	5	14	2	13
6154040213	Eudorella monodon					1	
6168	AAmphipoda	1					
6169020111	Ampelisca agassizi						1
6169330301	Listriella barnardi				1	1	
6179140103	Alpheus floridanus				3	3	
6179140301	Automate evermanni			1	1		
6184	ABrachyura					1	
6187020201	Leiolambrus nitidus					1	1
6189050899	?Chasmocarcinus mississippiensis					1	
61890604	GPinnixa			2		1	1
7200020199	?Golfingia bulbosa						1
8129030903	Amphioplus coniortodes			1	1		
8847011201	Gobioides broussonneti		1				

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1			1	2	
5001060302	Sthenelais boa					1	
5001240103	Ceratonereis irritabilis	2					
5001250115	Nephtys incisa	5	1	3	7	7	3
5001280106	Glycinde nordmanni						1
5001310113	Lumbrineris tenuis		1	1		1	
5001310204	Ninoe nigripes	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	
5001520103	Cossura delta			3		1	
5001600306	Notomastus latericeus	2	1				
5001630103	Asychis elongata				1		2
51032003	GCingula	2		2		9	
5105030303	Anachis obesa					1	
5106040101	Terebra dislocata	1					
5110130201	Volvulella texasiana			1		5	
5515471401	Agriopoma 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	ABrachyura					1	
61890604	GPinnixa	2					
7200020199	?Golfingia bulbosa			1	1	1	
8129030102	Amphiodia atra						1

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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
5001220201	Sigambra tentaculata	6	1		2	7	6
5001220203	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	
5105080106	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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Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus rapiformis	1		1	1		
43	Rhynchocoela	1	2	2		1	2
47	Nematoda						1
47051001	GDorylaimopsis					2	
50010218	GLepidasthenia					1	
5001210103	Cyptis vittata	1					
5001220103	Ancistrosyllis 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	Glycinde solitaria	1					
5001290201	Diopatra 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
5103760407	Polinices duplicatus			1		1	
5515250301	Mulinia lateralis					1	
6177020101	Acetes americanus					1	
7200020199	?Golfingia bulbosa			1			2
7700010203	Phoronis architecta	4		11		1	6
82010201	Balanoglossus		1	2			

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Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus rapiformis					1	
43	Rhynchocoela					3	
5001250115	Nephtys incisa	1	1		1		
5001290201	Diopatra cuprea		1	1	2		
5001310204	Ninoe nigripes		1		2		
5001431701	Paraprionospio pinnata	4	1		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	Alpheus floridanus		1				
6179140301	Automate evermanni		1				
6184	ABrachyura		1				
6187020201	Leiolambrus nitidus					1	
7700010203	Phoronis architecta	4					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela			6			3
5001100302	Pseudeurythoe ambigua			1			
5001220201	Sigambra tentaculata						3
5001250115	Nephtys incisa			1	2	1	1
5001290201	Diopatra cuprea		2				
5001310204	Ninoe nigripes	1	3	3	3	2	2
5001430502	Prionospio cirrifera		1	3			1
5001431701	Paraprionospio pinnata		1	3			
5001520103	Cossura delta	2	1	5		2	
51032003	GCingula		1				
5105030501	Cosmioconcha calliglypta		1				1
5517020201	Corbula contracta			1			
61560301	Apseudes		1				
6179140103	Alpheus floridanus	1					
6184	ABrachyura				1		
6189050401	Speocarcinus lobatus	1					
61890604	GPinnixa	1		1			1

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		5	2	1	1	2
5001220201	Sigambra tentaculata	1					1
5001250115	Nephtys incisa	2			1		
5001310113	Lumbrinereis tenuis						1
5001310204	Ninoe nigripes	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	Cossura delta	1	1		1	4	2
5001600402	Mediomastus californiensis					1	1
5001670208	Ampharete acutifrons			1			1
5105030501	Cosmioconcha calliglypta	1	1				
5515310123	Macoma pulleyi	1					
61560301	Apseudes						1
6169330301	Listriella barnardi						1
6177010202	Trachypenaeus similis	1					
6189050401	Speocarcinus lobatus					1	
8129030102	Amphiodia atra		1				

780807S420002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	1	2	1		
500102	Polynoidae				1		
5001100302	Pseudeurythoe ambigua				3		
5001130110	Anaitides erythrophyllus				1		
5001250115	Nephtys incisa	2	1		1		
5001270104	Glycera americana					1	1
5001310113	Lumbrinereis tenuis				1		
5001310204	Ninoe nigripes				2	1	1
5001430502	Prionospio cirrifera		1				
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	GCingula			1			
5103760501	Sinum perspectivum				1		
5502040213	Nuculana concentrica	1					
5517020201	Corbula contracta				1		
6154040213	Eudorella monodon				3		
61560301	Apseudes	1	2	2	2		6
6179140301	Automate evermanni				1		
6189050401	Speocercinus lobatus						1
61890604	GPinnixa		1				1

780808SN05002B7 T.6 MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi		1	2			1
43	Rhynchocoela				1		9
5001220103	Ancistrosyllis jonesi						1
50012404	GNereis		2	1			2
5001250115	Nephtys incisa	1	4	4	3	2	1
5001290201	Diopatra cuprea					1	1
5001310113	Lumbrinereis tenuis	1	1				
5001310204	Ninoe nigripes	4	2	4	6	3	8
5001431701	Paraprionospio pinnata		4	14	5	3	34
5001440109	Magelona phyllisae	1					2
5001500307	Tharyx marioni			1			1
5001520103	Cossura delta						1
5001600306	Notomastus latericeus	7	3	3	5	2	7
5001600402	Mediomastus californiensis						1
5001670208	Ampharete acutifrons	1					
51	Gastropoda						1
5103230205	Vitrinella floridana						1
5103760407	Polinices duplicatus						1
5110130201	Volvulella texasiana		1	2	1	1	1
5502040213	Nuculana concentrica	1		3	4		6
5517020201	Corbula contracta			1			2
5520020110	Pandora bushiana			1			
6184	ARrachyura						1
6189050899	?Chasmocarcinus mississippiensis						2
61890604	GPinnixa	1					
6191	Stomatopoda		1				1

7A0808SN20002B7 T.B MACROINFAUNA - TAXONOMY 8LM2B7C2 12/18/79 16:32:44

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	GNereis			1		1	
5001250115	Nephtys incisa	2	5	2	1	1	3
5001280106	Glycinde nordmanni	1					
5001310204	Ninoe nigripes		5	3	5	6	4
5001431701	Paraprionospio pinnata	3	20	3	4	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				1		
5103230205	Vitrinella floridana			2			
5106040101	Terebra dislocata					1	
5110130201	Volvulella texasiana		1	1			
5502040213	Nuculana concentrica			1			
5515310123	Macoma pullevi			1			
5517020201	Corbula contracta						1
6184	ABrachyura				1		
7200020199	?Golfingia bulbosa	1					
8129030903	Amphioplus coniortodes			1			

780809SN05002H7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina	1	1	1		1	
43	Rhynchocoela		1			2	2
4503020209	Cerebratulus lacteus						1
5001100302	Pseudeurythoe ambigua		2				
5001220103	Ancistrosyllis jonesi					1	
5001220201	Sigambra tentaculata		1		1		
50012404	GNereis					1	
5001250115	Nephtys incisa		1				1
5001300202	Marphysa belli	1		1		1	1
5001310113	Lumbrineris tenuis	1	1	1	2	1	1
5001310204	Ninoe nigripes		2	2		2	2
500141	Paraonidae					1	
5001410214	Aricidea fragilis				1		
5001431701	Paraprionospio pinnata		2		1	3	1
5001440109	Magelona phyllisae		1	1	1	2	
5001500307	Tharyx marioni		1			3	
5001520103	Cossura delta	1		1	1	2	1
5001600306	Notomastus latericeus			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	Bivalvia	1			1		
5515020311	Thyasira gymnea			1			
5516350201	Abra aequalis			1			
6154[illegible]301	Apseudes				1		
6168210499	?Eriopisa incisa		1	1			
8791020101	Bregmaceros atlanticus			1	1		

780809SN2000287 T.B MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

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			2			3
5001410301	Paraonis 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			
51032003	GCingula	1	1				
5103730104	Atlanta peronii		1				
510602	Turridae	1					
5110130201	Volvulella texasiana	1		1		1	1
551507	SLaseadae			2			
5517020201	Corbula contracta				4	2	
6155	ATanaidacea			1			
61560301	Apseudes					1	10
6168	AAmphipoda		1		1		
6175	ADecapoda (arthropoda)					1	
7200020199	?Golfingia bulbosa						1
8120	Ophiuroidea			1			
8129030102	Amphiodia atra					1	
8791020101	Bregmaceros atlanticus			1			

780810SN0500207 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
3760020201	Paranthus rapiformis						1
43	Rhynchocoela				2		
470401	Linhomoeidra		3		7		
47051002	GSabatieria		1		20		
5001210103	Gyptis vittata		1			1	
5001220103	Ancistrosyllis jonesi				3		
5001220201	Sigambra tentaculata	1	13	1	18	1	8
5001410201	Aricidea suecica	2	1		2	1	1
5001410601	Cirrophorus lyriformis	1		1	1		
5001430502	Prionospio cirrifera		1				
5001431701	Paraprionospio pinnata		1				
5001440109	Magelona phyllisae	1	9	2	2	2	4
5001500307	Tharyx marioni	1					1
5001520103	Cossura delta				1	1	1
7200020199	?Golfingia bulbosa	2	7	2	11	1	6
7200030197	?Aspidosiphon cumingii	1					
7200030199	?Aspidosiphon albus		1		5		1
8129030903	Amphioplus coniortodes	1					

780810SN20002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
470401	Linhomoeidae		1		7	5	
47051001	GDorvilaimopsis		2		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	2	6	3
5001310113	Lumbrinereis tenuis		1				
50014102	GAricidea				1		
5001410201	Aricidea suecica					2	1
5001410601	Cirrophorus lyriformis					1	
5001431701	Paraprionospio pinnata			1	1	9	4
5001440109	Magelona phyllisae	3	3		1	3	
5001500307	Tharyx marioni				2	1	1
5001520103	Cossura delta		1		2	1	
5001600402	Mediomastus californiensis				1		
5001630103	Asychis elongata					1	
5103230205	Vitrinella floridana		1				
7200020199	?Golfingia bulbosa	2	4	1	5	1	
7200020401	Phascolion strombi					1	
7200030197	?Aspidosiphon cumingii						1
7200030199	?Aspidosiphon albus					3	2

780811SM050087 T.B MACROINFAUNA - TAXONOMY BLM287C2 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	GDorylaimopsis		1				
47051002	GSabatieria	3	14			13	
5001	Polychaeta		1				
5001080103	Paleanotus heteroseta		1				
5001100302	Pseudeurythoe 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				1
5001240410	Nereis succinea						
5001410201	Aricidea suecica	3	1			6	
5001410214	Aricidea fragilis		1				
5001410601	Cirrophorus lyriformis	2	10	1	1	1	
50014304	GPolydora		1				
5001430502	Prionospio cirrifera		3			1	
5001431701	Paraprionospio pinnata		1			1	
5001440104	Magelona rosea					1	
5001440109	Magelona phyllisae	21	52	1	4	18	6
5001500307	Tharyx marioni	2	4		1	5	
5001520103	Cossura delta		1			1	
5001600306	Notomastus latericeus						1
5110130201	Volvulella texasiana					1	
6110	Ostracoda				7		
6177020101	Acetes americanus		1				
7200020198	?Golfingia trichocephala	2	17	6		15	
7200020199	?Golfingia bulbosa	42	104	6	3	25	18
7200030199	?Aspidosiphon albus	2	2	2	4		3
8129030903	Amphioplus coniortodes	1	1				1
885A0201	GSymphurus						1

780811SN20002B7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 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	GTerschellingia	2					
47040403	GTheristus		3				
47051001	GDorylaimopsis	6	6				
47051002	GSabatieria	48	46			1	2
470512	Cyatholaimidae	1	1				
47110401	GAnticoma	1	1				
471114	Oncholaimidae		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				
5001440109	Magelona 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	9	10	11
7200030199	?Aspidosiphon albus	3	5		5		1

780812SN0500287 T.4 MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

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	Theryx 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		1	1			
5502040213	Nuculana concentrica	3	2	2		1	2
7200030199	?Aspidosiphon albus			1	1	1	1
7700010203	Phoronis architecta		1				
8129030903	Amphioplus coniortodes	1	1	1	2	2	

Code	Organism name	A	B	C	D	E	F
3758	Zoantharia actiniaria						1
43	Rhynchocoela		2	4	1		
50010218	GLepidasthenia		1				
5001220103	Ancistrosyllis jonesi		1			1	
5001220201	Sigambra tentaculata	9	1	15	6		3
5001250115	Nephtys incisa						1
5001290201	Diopatra cuprea				4	3	1
5001300202	Marphysa belli				1		
5001310113	Lumbrineris 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 heggpethi			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		1
5110130201	Volvulella texasiana						2
55	Bivalvia					1	
5502040213	Nuculana concentrica						1
7200020199	?Golfingia bulbosa	1					
7200030199	?Aspidosiphon albus			1		1	1
8129030903	Amphioplus coniortodes	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
5001310204	Ninoe nigripes	2			1	1	1
5001431701	Paraprionospio pinnata				1		
5001500307	Tharyx marioni			1			
5001520103	Cossura delta				1		2
5105030501	Cosmioconcha calliglypta		2			1	
5106040101	Terebra dislocata				1		
61694810	GStenothoe						1
6179140103	Alpheus floridanus			1			
885703	Bothidae			1			

780813SM20002B7 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					
5001290201	Diopatra cuprea				1		
5001310204	Ninoe nigripes		1	2	1		1
5001430508	Prionospio cirrobranchiata	2		2			
5001431701	Paraprionospio pinnata	1					
5001520103	Cossura delta		1	1		1	
5517020201	Corbula contracta	2					
6151	AMysidacea	1					

780814SN05002R7 T.B MACROINFAUNA - TAXONOMY BLM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
3740	Anthozoa					1	
43	Rhynchocoela	1	2		1	2	3
47051001	GDorylaimopsis	1			2	1	1
47051002	GSabatieria				1		
50010218	GLepidasthenia				1		1
5001220201	Sigambra tentaculata				1		
500124	Nereidae	1		1		1	
50012404	GNereis	1		1	1	2	
5001240410	Nereis succinea						1
5001250115	Nephtys incisa	1	3	1	3	8	1
5001290112	Onuphis nebulosa	1					1
5001290201	Diopatra cuprea	1	2	2		2	
5001310113	Lumbrinereis tenuis		1			3	1
5001310204	Ninoe nigripes	1			3	2	1
500141	Paraonidae				1	1	
5001410301	Paraonis gracilis				3	2	
5001410601	Cirrophorus lyriformis					1	
5001430502	Prionospio cirrifera						1
5001431701	Paraprionospio pinnata	6	3	7	5	14	1
5001440199	?Magelona filiformis	3			4	1	1
5001500105	Cirratulus hedgpethi			1			
5001500307	Tharyx marioni					2	3
5001520103	Cossura delta				1	2	1
5001600306	Notomastus latericeus	2	1	4	7	11	5
5001630103	Asychis elongata	6	8	26	19	15	13
500163020201	Clymenella torquata calida			2			
5001630203	Clymenella zonalis	1	2	2		4	
5001680701	Pista cristata				1		1
51	Gastropoda				1		2
51032003	GCingula			10		1	1
5103230205	Vitrinella floridana		1	6	2	3	6
5103760407	Polinices duplicatus			1			
5105030501	Cosmioconcha calliglypta					1	
5108010212	Turbonilla portoricana			3			
5110130201	Volvulella texasiana		1	3	2	2	1
5110130301	Pyrunculus caelatus				1		
5113020106	Cavolina longirostris						1
55	Bivalvia					1	
5502040213	Nuculana concentrica					1	
550601	Arcidae					1	
55153101	GMacoma					1	
5515310209	Tellina versicolor					1	
5515471401	Agriopoma texasiana				1		
5517020201	Corbula contracta		3	1	2	12	2
5517020301	Varicorbula operculata			1			
6160	Peracarida isopoda anthuridea				2		
61690201108	Ampelisca abdita					1	
6169020111	Ampelisca agassizi	2	2	1	1		
61693414	GHippomedon						1
6189050899	?Chasmocarcinus mississippiensis				1	1	
61890604	GPinnixa		2				
7200020199	?Golfingia bulbosa			1			1
7200030199	?Aspidosiphon albus		1				
80020102	Lingula					1	1
8129030903	Amphioplus coniortodes	1		2		1	1

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1				2	2
4303020210	Cerebratulus lucidus				1	1	
47051001	GDorylaimopsis		1				
5001210103	Gyptis vittata			1		1	
500124	Nereidae	3	1		3		1
50012404	GNereis	1					
5001250115	Nephtys incisa	1	3		1	2	6
5001290112	Onuphis nebulosa						1
5001290201	Diopatra cuprea		1	1	3		1
5001310113	Lumbrinereis tenuis			1		3	
5001310204	Ninoe nigripes	1	2		1		1
500141	Paraonidae					1	
5001410214	Aricidea fragilis	1					
5001410601	Cirrophorus lyriformis	2					
5001431001	Spiophanes bombyx		1				
5001431701	Paraprionospio pinnata	1	2			3	1
5001440199	?Magelona filiformis	3	2	1	1	2	1
5001500307	Tharyx marioni			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	
51	Gastropoda	1					
51032003	GCingula			6	2		
5103230205	Vitrinella floridana			3	2	2	2
5108010212	Turbonilla portoricana						1
5110130201	Volvulella texasiana				3	6	4
5517020201	Corbula contracta				5		
5520070199	?Periploma orbicularis				1		
6160	Peracarida isopoda anthuridea				2		
6169020108	Ampelisca abdita			1			
6169020110	Ampelisca verrilli					1	
6169020111	Ampelisca agassizi		1				
6184	ABrachyura				1	1	
6189050401	Speocarcinus lobatus				1		
6189050899	?Chasmocarcinus mississippiensis	1					
61890604	GPinnixa				2	3	
7200020199	?Golfingia bulbosa		2				
8129030102	Amphiodia atra		1		1	2	1
8129030903	Amphioplus coniortodes	1	2		1		
8741020201	Neoconger mucronatus					1	
8791020101	Bregmaceros atlanticus					1	

780815SN0500287 T.B MACROINFAUNA - TAXONOMY 6LM2B7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina		1	4	1	2	1
3453030198	?Lenticulina iota			2	3	1	
3453030199	?Lenticulina bowdensis			1	3		2
3453031098	?Nodosaria fusta				1		
3453031299	?Marginulinopsis marginulinoides					1	
3453560104	Eponides antillarum				1		
43	Rhynchocoela		4		1	2	3
47051002	GSabatieria					1	
471112	Enoplidae						1
471198	?Leptosomatidae (nematoda)						1
5001100302	Pseudeurythoe ambigua						1
50011601	Paralacydonia		4		5	2	
5001210402	Ophiodromus obscura					1	
5001220201	Sigambra tentaculata	1	8		2	1	
5001250115	Nephtys incisa			1	2	3	1
5001290112	Onuphis nebulosa			1			
5001300201	Marphysa sanguinea				1		
5001310113	Lumbrineris tenuis		1		1	1	
5001410201	Aricidea suecica		1				2
5001410301	Paraonis gracilis						2
5001430502	Prionospio cirrifera				1		3
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		2
5001580204	Armandia maculata				1		
5001590101	Sternaspis scutata			1			
5001600306	Notomastus latericeus			2	2		
5001682301	Amaeana trilobata				1		
51032003	GCingula		4		2		
5105030501	Cosmioconcha callilypta	1					
5502040514	Yoldia solenoides					1	
5515020311	Thyasira pygmaea			2	1		
551509	Leptonidae				1		
5515471401	Agriopoma texasiana		1				
5517020201	Corbula contracta			1		1	
6110	Ostracoda			1			
6169020108	Ampelisca abdita		1				
6183049999	?Gourretia latispina				1		
7200020197	?Golfingia pellucida		2			1	
7200020401	Phascolion strombi			1	1		
80020102	Lingula						3

780815SW2000287 T.H MACROINFAUNA - TAXONOMY BLM287C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina	6	2	1	2	1	1
3453030104	Lenticulina calcar		1	2			1
3453030198	?Lenticulina iota	2	1				1
3453030199	?Lenticulina bowdensis	4		3			2
3453030499	+Dentalina albatrossi	4		3			7
3453031098	?Nodosaria fusta	2			1		
43	Rhynchocoela				1		3
5001060302	Sthenelais boa			1			1
5001130110	Anaitides erythrophyllus				1		
50011601	Paralacydonia	1		3			2
5001220201	Sigambra tentaculata			3			1
5001250115	Nephtys incisa			1	3	3	1
50012602	GSphaerodoropsis				1		
5001270104	Glycera americana						1
5001290112	Onuphis nebulosa					1	
5001310113	Lumbrinereis tenuis	1		2	1		1
5001310204	Ninoe nigripes				1		
500140	Orbiniidae	1					1
5001410214	Aricidea fragilis				1		1
5001410301	Paraonis gracilis	1					
5001430502	Prionospio cirrifera	1				4	
5001431701	Paraprionospio pinnata	5	1	3		5	5
5001440104	Magelona rosea			1			
5001500307	Tharyx marioni		1	1	1		1
5001520103	Cossura delta		1	3			
5001580204	Armandia maculata			1			
5001590101	Sternaspis scutata						2
5001600306	Notomastus latericeus				1		1
5001682301	Amaeana trilobata				2		
55	Bivalvia		1	1			1
5509100105	Lima locklini	1					
5515020311	Thyasira pygmaea				1		
5515310123	Macoma pulleyi				1		
5515310209	Tellina versicolor				2		
5517020201	Corbula contracta				1		
5520090105	Poromya rostrata		1				
611102	Cypridinidae	1			1		
6168	AAmphipoda						1
61690201	GAmpelisca						2
6169020110	Ampelisca verrilli						1
6169150703	Unciola irrorata			3			1
6183049999	?Gourretia latispina					1	1
6189050899	?Chasmocarcinus mississippiensis						1
7200020197	?Golfingia pellucida	1					
80020102	Lingula						2

780816SN0500287 T.B MACROINFAUNA - TAXONOMY BLM2R7C2 12/18/79 16:32:44

Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi					2	
43	Rhynchocoela	3		2	1	1	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	Glycinde nordmanni						1
5001290201	Diopatra cuprea			1			
5001310113	Lumbrineris tenuis		2	5	1	3	3
5001310204	Ninoe nigripes		1	5	1	3	3
500141	Paraonidae					1	
5001410301	Paraonis gracilis				2		1
5001430502	Prionospio cirrifera				2	1	1
5001431701	Paraprionospio pinnata		1	1	5	1	7
5001440104	Magelona rosea			1	1		1
5001440109	Magelona phyllisae		1	1		4	2
5001440199	?Magelona filiformis			1			
5001500307	Tharyx marioni				1	1	1
5001520103	Cossura delta		1	2	6	2	
5001580204	Armandia maculata		3		1	2	1
5001600306	Notomastus latericeus		1		2	2	1
51032003	GCingula						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	Apseudes						1
6179140301	Automate evermanni				1		1
6189050899	?Chasmocarcinus mississippiensis					1	

790816SN20002R7 T.8 MACROINFAUNA - TAXONOMY BLM2R7C2 12/18/79 16:32:44

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

780817SN05002H7 T,B MACROINFAUNA - TAXONOMY BLM2B7C2 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	Pseudeurythoe ambigua	1	1	2		1	
5001130110	Anaitides erythrophyllus						1
50011601	Paralacydonia	1	1		1	1	
5001220201	Sigambra tentaculata	1	1	2		1	1
500124	Nereidae		2		2		1
50012406	GCeratocephale			1			
5001250115	Nephtys incisa		2	1	2	1	
5001280106	Glycinde nordmanni					1	
5001300202	Marphysa belli	1			1		1
5001310113	Lumbrinereis tenuis	1			1	1	
5001310204	Ninoe nigripes	1	1	1			
5001410201	Aricidea suecica		1			6	
5001410301	Paraonis gracilis				1		
5001430502	Prionospio cirrifera		1	3			
5001440104	Magelona rosea				1		
5001440109	Magelona phyllisae	1	1			1	1
5001500307	Tharyx marioni		1	5		3	
5001520103	Cossura delta	2	2	3	2	3	
5001580204	Armandia maculata				2		
5001600306	Notomastus latericeus		4		1	1	
5001600402	Mediomastus californiensis				1		
51032003	GCingula	1		1	1		
510602	Turridae						1
5110010101	Acteon punctostriatus			1			
55	Bivalvia				1	1	
5502020204	Nucula proxima	2	1	3			
5515020311	Thyasira pygmaea			1			
551509	Leptonidae	3		1			
5515350201	Abra aequalis				1		
5517020201	Corbula contracta		1				
61110401	Sarsiella (ostracoda)			1			
6179140301	Automate evermanni					1	1
6183049999	?Gourretia latispina					1	
6184	ABrachyura						1
6189021601	Eucratodes agassizii					5	
6189050899	?Chasmocarcinus mississippiensis						1
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		
93	Rhynchocoela	1	1	3	1	1	3
500102	Polynoidae						1
5001060302	Sthenelais boa			1			
5001130110	Anaitides erythrophyllus			1			1
50011601	Paralacydonia		1				
5001210402	Ophiodromus obscura			1			
5001220201	Sigambra tentaculata		1	2			
500124	Nereidae		1				2
5001250115	Nephtys incisa	4	4	3	3		5
5001280106	Glycinde nordmanni				1		
5001290112	Onuphis nebulosa				2		
5001300201	Marphysa sanguinea						1
5001310113	Lumbrineris tenuis	1		2			1
5001310204	Ninoe nigripes					1	
500141	Paraonidae		2				
5001410201	Aricidea suecica				1		1
5001410214	Aricidea fragilis						1
500143	Spionidae			1			
5001430502	Prionospio cirrifera		1	4	1		12
5001430507	Prionospio pygmaea						1
5001431701	Paraprionospio pinnata				1	1	
5001440104	Magelona rosea		1		2		
5001440199	?Magelona filiformis		2				2
5001460101	Poecilochaetus johnsoni		1				
5001500304	Tharyx setigera						1
5001520103	Cossura delta		3	1	1		2
5001580204	Armandia maculata		1			1	
5001600306	Notomastus latericeus	1	1	1			3
5001630103	Asychis elongata			2			
5001630203	Clymenella zonalis				1	1	
5001690101	Terebellides stroemii	1	1	2		2	1
5105030501	Cosmioconcha calliglypta	1		1			2
5515350201	Abra aequalis		1				1
6179140301	Automate evermanni		1				1
6179170101	Processa hemphilli			1			
61860402	GRaninoides				1		
6189021601	Eucratodes agassizii		1				
6189050401	Speocarcinus lobatus						1
6189050899	?Chasmocarcinus mississippiensis		1				
8129030903	Amphioplus coniortodes		1				
8791020101	Bregmaceros atlanticus	1		1			
885703	Bothidae	1					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	1	5	4	3	4
47051002	GSabatieria		2	7			
5001060302	Sthenelais boa					1	
5001220201	Sigambra tentaculata			1	1		2
500124	Nereidae			1			
50012404	GNereis	2	1	1		1	2
5001250115	Nephtys incisa	1	1	2	5	4	3
5001270104	Glycera americana	1	1	1		2	
5001290201	Diopatra cuprea			2			
5001310113	Lumbrineris tenuis	1	1		1	1	3
5001310204	Ninoe nigripes	2			2	3	1
5001410201	Aricidea 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	1
5001440199	?Magelona filiformis	1			1		1
5001520103	Cossura delta	3	1	1	1		1
5001600306	Notomastus latericeus	7	2	1	7	3	3
5001630103	Asychis elongata	4	5	2		7	1
50016302O201	Clymenella torquata calida	1	5		1	1	1
5001630203	Clymenella zonalis	3		7	1	3	
5001690101	Terebellides stroemii					1	
5102230205	Vitrinella floridana	3				4	1
5103530202	Strombiformis bilineatus		1	1			
5103760204	Natica pusilla					1	
5103760501	Sinum perspectivum						1
5110010101	Acteon punctostriatus	1			1		1
5110130201	Volvulella texasiana	1	4	1	3		2
55	Bivalvia				1		
5502020204	Nucula proxima		1				1
5502040213	Nuculana concentrica				2		1
5515310209	Tellina versicolor				1		1
5515350201	Abra aequalis			1			
5515471401	Agriopoma texasiana			1			1
5517020201	Corbula contracta	3	5	7	9	4	8
5517020301	Varicorbula operculata				2		
6169020108	Ampelisca abdita					1	
6169020110	Ampelisca verrilli				1		
6169020111	Ampelisca agassizi			3	1	2	
61693708O20	Monoculodes edwardsi		1				
6175	ADecapoda (arthropoda)		1				
6179140301	Automate evermanni			1			
6179170101	Processa hemphilli			1			
6184	ABrachyura				2		
61890604	GPinnixa					1	
7200030199	?Aspidosiphon albus					1	
80020102	Lingula					1	
8126020201	Hemipholas elongata		2		1		
8129030903	Amphioplus coniortodes			1			

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	3	6	4	2	4	2
47051001	GDorylaimopsis				2		
47051002	GSabatieria				5		
471198	?Leptosomatidae (nematoda)				1		
50010218	GLepidasthenia		1				
5001030201	Polyodontes lupina				1		
5001100302	Pseudeurythoe ambigua	1					
5001210402	Ophiodromus obscura		1		2		1
5001220201	Sigambra tentaculata	2					
500124	Nereidae	1					
5001240103	Ceratonereis irritabilis	3			1		
50012404	GNereis	13	3		2		4
5001250115	Nephtys incisa	7	9	4	6		3
5001270104	Glycera americana		1				
5001290112	Onuphis nebulosa	1	3				
5001290201	Diopatra cuprea	2	1		2	2	2
5001310113	Lumbrinereis tenuis		4	2		1	2
5001310204	Ninoe nigripes		2	2	1	4	1
500141	Paraonidae	4	1	1			
5001410601	Cirrophorus lyriformis	2	3				
5001430502	Prionospio cirrifera	3	2			2	
5001431701	Paraprionospio pinnata	8	1	2		1	6
5001440109	Magelona phyllisae	3	1	1	1	3	1
5001440199	?Magelona filiformis	1	1	1	2		1
5001500105	Cirratulus hedgpethi	1					
5001500307	Iharyx marioni						1
5001520103	Cossura delta	2		1		1	
50015404	GDiplocirrus		1				
5001600306	Notomastus latericeus	2	3	9	2	6	2
5001630103	Asychis elongata	5	2	5	5	11	5
50016302	GClymenella			1	1		
5001630201	Clymenella torquata calida	1	2	3	9	5	
5001630203	Clymenella zonalis	7	9			4	2
5001690101	Terebellides stroemii	1					
51	Gastropoda				1		
5103230205	Vitrinella floridana	2	4	7	30	2	
5103530202	Strombiformis bilineatus			2	4		
5105030501	Cosmioconcha calliglypta		3		1		
5110010101	Acteon punctostriatus			1			1
5110130201	Volvulella texasiana	2	2	2	2	2	2
55	Bivalvia		2				
5502020204	Nucula proxima		1	1			
5502040213	Nuculana concentrica	1	1	2	1		1
5515310209	Tellina versicolor	2	1	2			4
5515350201	Abra aequalis	1		1			
5515471401	Agriopoma texasiana	1				1	
5517020201	Corbula contracta	2	4	4	1		12
6160	Peracarida isopoda anthuridea		2	2	2		
6169020108	Ampelisca abdita	3	2	1	1		2
6169020111	Ampelisca agassizi		1	1	2		
6169060399	?Lembos brunneomaculatus	1					
6179170101	Processa hemphilli	1					
6189050899	?Chasmocarcinus mississippiensis	1		1			
61890604	GPinnixa			1			
7200020199	?Golfingia bulbosa	5	2	1	1	3	2
8120	Ophiuroidea						2
8129020201	Hemipholas elongata						1
8129030102	Amphiodia atra		1		1		1
8129030903	Amphioplus coniortodes	2	3	1	4	3	
8162040301	Schizaster orbignyanus					1	

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Code	Organism name	A	B	C	D	E	F
3704110102	Lovenella grandis	29					
3756010101	Palythoa texaensis	1		2		1	
3760010299	?Anthopleura krebsi						2
43	Rhynchocoela	1	2		1		4
50010218	GLepidasthenia				1		
5001060302	Sthenelais boa		1				
5001080103	Paleanotus heteroseta					2	
5001100302	Pseudeurythoe ambigua		11		4		2
5001220201	Sigambra tentaculata		3	1	4		1
50012404	GNereis	1	3	2		1	1
5001250303	Aglaophamus verrilli	2	3	3	1	2	4
5001290107	Onuphis eremita					1	
5001290201	Diopatra cuprea			1			
5001310204	Ninoe nigripes		1				
5001400303	Scoloplos fragilis			2			1
5001400307	Scoloplos rubra			1		1	
5001410201	Aricidea suecica		2				1
5001410214	Aricidea fragilis		3			3	2
5001430507	Prionospio pygmaea	2	3	4	1		
5001430508	Prionospio cirrobranchiata		1				
5001431701	Paraprionospio pinnata					2	
5001431901	Dispio uncinata			1	4	1	
5001440109	Magelona phyllisae	3	1	3		1	1
5001500105	Cirratulus hedgpethi			2			
5001500307	Tharyx marioni		1				
5001600306	Notomastus latericeus	4		5	3	2	
5001640102	Owenia fusiformis	45	43	36	31	35	26
50017501	Grubeulepis						2
51	Gastropoda			1			
5103230205	Vitrinella floridana	2					
5103760204	Natica pusilla					1	
5103760407	Polinices duplicatus				1	1	
5103760501	Sinum perspectivum				1		
5105030501	Cosmioconcha calliglypta					1	
5105080106	Nassarius acutus	7	1		1	4	
5105100201	Oliva sayana		1	2			
51100101	GActeon						1
5515010102	Parvilucina multilineata		1			1	
5515250301	Mulinia lateralis				1		
5515310209	Tellina versicolor			2			
6169220602	Acanthohaustorius millsi	13	17	24	78	22	64
617701	Penaeidae			1			
618306	Paguridae			1			
6183130201	Albunea paretii						1
61890106	GPortunus		1	1	1		
8129020201	Hemipholes elongata		2	3			1
8129030102	Amphioda atra				1		1
82010201	Balanoglossus					1	
8717	Osteichthyes	2					

Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis		1	2		2	4
3760010299	?Anthopleura krebsi		1	2		1	
43	Rhynchocoela	9	4	3	3	3	3
500102	Polynoidae	1					
50010218	GLepidasthenia		1				
5001100302	Pseudeurythoe ambigua	13	21	5	7	1	4
5001130104	Anaitides mucosa		1				
5001220201	Sigambra tentaculata	3	11	4	2	5	7
50012404	GNereis		4	3	2	1	
5001250303	Aglaophamus 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			
5001440109	Magelona phyllisae			2	1	3	
5001500105	Cirratulus hedgpethi		1			1	
5001600306	Notomastus latericeus		1	1		2	2
5001640102	Owenia fusiformis	56	45	73	88	63	73
5001680707	Pista palmata					1	
5103760204	Natica pusilla		3	7	1	2	
5105030303	Anachis obesa			1			
5105040401	Cantharus cancellarius			1			
5105080106	Nassarius acutus		4				5
5105100201	Oliva sayana	2	2	3			1
551509	Leptonidae					1	
5515250301	Mulinia lateralis				3	1	3
5515310209	Tellina versicolor		3				1
61690603	GLembos				1		
6169220602	Acanthohaustorius millsi	15		5	8	30	16
6169221303	Pseudohaustorius americanus	4					
6177020101	Acetes americanus						1
6179150102	Ogyrides limicola						1
61890106	GPortunus		1	2			
81290202O1	Hemipholas elongata	7	1	1	4	7	5
8129030102	Amphiodia atra	2					2
82010201	Balanoglossus		5			1	2
8500010101	Branchiostoma caribaeum		1			6	4
8717	Osteichthyes					1	

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela			1			5
470401	Linhomoeidae			1			
47051001	GDorvilaimopsis				2		
47051002	GSabatieria			3	5		
471199	?Enchelididae		1				
500102	Polynoidae	1					
5001030201	Polyodontes lupina					1	
5001210103	Gyptis vittata		1				
5001220201	Sigambra tentaculata	2	1		4	2	4
5001240103	Ceratonereis irritabilis	1				1	
50012404	GNereis	4		3	3	3	4
50012501116	Nephtys magellanica				1		
5001250303	Aglaophamus verrilli		1			1	
5001270104	Glycera americana				2		1
5001290201	Diopatra cuprea						1
5001310113	Lumbrineris tenuis	2	2	2		1	3
5001360102	SSchistomeringos caeca	1					
5001430507	Prionospio pygmaea	1					
5001431701	Paraprionospio 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	Maldanidae			1			
5001630103	Asychis elongata	1	2			1	
500163020201	Clymenella torquata calida	2	4		2	2	1
5001670208	Ampharete acutifrons		1		1		2
5103230205	Vitrinella floridana	1					
5110130201	Volvulella texasiana	1		1			
5502040213	Nuculana concentrica						1
551547110101	Mercenaria mercenaria texana						1
5515471401	Agriopoma texasiana					1	
6179140301	Automate evermanni	1					
6183049999	?Gourretia latispina		1				
7200020401	Phascolion strombi	1					
7200050199	?Aspidosiphon albus	1					
8129030903	Amphioplus coniortodes	3	1	3	1	1	

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3		2	2	1
47051001	GDorylaimopsis					1	
47051002	GSabatieria					3	
50010218	GLepidasthenia	1				1	
5001210103	Gyptis vittata	1			1		
5001220201	Sigambra tentaculata	5		3	3	3	2
50012404	GNereis	2	2		1	2	1
5001290201	Diopatra cuprea	5	1	1		4	
5001310113	Lumbrinereis tenuis	5	2	2	1	3	3
5001410214	Aricidea fragilis			1	1	1	
5001410601	Cirrophorus lyriformis	1					
5001431701	Paraprionospio pinnata	10	3	4	3	2	5
5001440109	Magelona phyllisae	39	18	30	40	23	25
5001440199	?Magelona filiformis	1			2		
5001520103	Cossura delta	5		3	1	2	
5001630103	Asychis elongata				1		1
500163020201	Clymenella torquata calida	2				1	
5001640102	Owenia fusiformis		2				
5001670208	Ampharete acutifrons	3	1		1	3	
5103230205	Vitrinella floridana				1		
5515471401	Agriopoma texasiana	1					
617701	Penaeidae		1				
6189050401	Speocarcinus lobatus		1				
7200020199	?Golfingia bulbosa			1			
80020102	Lingula				1		
8129030903	Amphioplus coniortodes	1	1				5

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Code	Organism name	A	B	C	D	E	F
5001220201	Sigambra tentaculata		1		1	1	2
5001220203	Sigambra wassi	1					
5001290201	Diopatra cuprea		2	1	3	1	2
5001440109	Magelona phyllisae		3	1	7	1	6
5103230205	Vitrinella floridana				1	1	
5502040213	Nuculana concentrica			1	2	2	1

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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		1
5001250115	Nephtys incisa	2	2	2			1
5001290201	Diopatra cuprea		1	2	2		
5001310113	Lumbrinereis tenuis			1		1	
5001310204	Ninoe nigripes					2	
5001410201	Aricidea suecica		1				
5001410214	Aricidea fragilis	1					
5001431701	Paraprionospio pinnata	4	1		1		
5001440104	Magelona rosea				1		
5001440109	Magelona phyllisae	5	4	6	5	7	1
5001440199	?Magelona filiformis			1			
5001500307	Tharyx marioni	1					
5001520103	Cossura delta	2	1	1	1	1	1
5001630103	Asychis 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		

Code	Organism name	A	B	C	D	E	F
37600102	99 ?Anthopleura krebsi				1		
5001220201	Rhynchocoela	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 nigripes	1	1	1	2	2	1
5001410201	Drilonereis longa				1		
5001410214	Aricidea suecica	8		2	5	1	
5001410601	Aricidea fragilis			1		1	
5001430502	Cirrophorus lyriformis		1			2	
5001431701	Prionospio cirrifera	1				7	
5001440109	Paraprionospio pinnata	13	4	4	25	9	4
5001440199	Magelona phyllisae		1				
5001500307	?Magelona filiformis	1			2	2	
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					
51032003	Asychis elongata	1					
5103230205	GCingula	4		10		6	6
5103530401	Vitrinella floridana					4	
5103760407	Niso aeglees						1
5105030501	Polinices duplicatus				1		
5106040101	Cosmioconcha calliglypta		1	3			1
5110130201	Terebra dislocata			1		1	
55	Volvulella texasiana	3	1	1	3	1	
5502040213	Bivalvia				1		
5515050104	Nuculana concentrica				1	1	
5517020201	Diplodonta soror		2				
6154040213	Corbula contracta			12		6	
61560301	Eudorella monodon	1					
61680201	Apseudes	1					
6169020108	GAmpelisca			1			
6169020111	Ampelisca abdita	1	1		8	3	4
6169330301	Ampelisca agassizi		1				
6169370820	Listriella barnardi					2	
6169371401	Monoculodes edwardsi	1					
617701	Synchelidium americanum				1		1
6183060237	Penaeidae				3		
61890604	Pagurus bonairensis					1	
7200020199	GPinnixa			1			
80020102	?Golfingia bulbosa				1		
8106010502	Lingula		1	1			
8129030903	Astropecten duplicatus	1					
8741020201	Amphioplus coniortodes				1		
	Neoconger mucronatus		1				

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Code	Organism name	A	B	C	D	E	F
37590101	GEdwardsia	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	Lumbrineris 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	1			2
5001520103	Cossura delta		2			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					
5106040101	Terebra dislocata			1			
5110010101	Acteon punctostriatus					1	
5110130201	Volvulella texasiana	1	2			1	
5502040213	Nuculana concentrica		1	1	2	1	1
5515471401	Agriopoma texasiana			1			
5517020201	Corbula contracta	3	1	1	4	4	7
61690201O8	Ampelisca abdita		1				
617701	Penaeidae	1					
6177020101	Acetes americanus		1				
6179140103	Alpheus floridanus					1	
6184	ABrachyura					1	
7200020199	?Golfingia bulbosa			1			
8129020201	Hemipholas elongata						1
8129030102	Amphiodia atra					2	
81780103	GProtankyra		1	3	1	3	

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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		
470513	Choniolaimidae					1	
5001060302	Sthenelais boa	1	2	1	1		
5001210103	Gyptis vittata		1				
5001220103	Ancistrosyllis jonesi						1
5001220201	Sigambra 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	SSchistomeringos caeca				1		
5001360108	Dorvillea sociabilis						2
5001410301	Paraonis gracilis				1		3
5001430502	Prionospio cirrifera	4	2			1	2
5001430508	Prionospio cirrobranchiata	3					2
5001431701	Paraprionospio pinnata	4	1	1	5	2	3
5001440104	Magelona rosea				1	1	1
5001440109	Magelona phyllisae	6	20	9	8	7	18
5001500304	Tharyx setigera		1				
5001520103	Cossura delta	2	2		3	2	5
50015404	GDiplocirrus	1					
5001580204	Armandia maculata	10			1	1	7
5001600402	Mediomastus californiensis		16		1		24
5001610103	Asychis elongata			1			
50016102	GClymenella			1			
5001630201	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 dislocata		1				
5110130201	Volvulella texasiana						1
5515310209	Tellina versicolor						1
6169330301	Listriella barnardi	1					
6177020101	Acetes americanus		1				
6179140103	Alpheus 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	Amphioplus coniortodes	2	1	2		4	2

790101PE20002B7 T.B MACROINFAUNA - TAXONOMY BLM287C3 12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
37040102	GObelia				2		
37040201	Filellum serpens				50		
375402	Pennatulidae						1
43	Rhynchocoela	22	17	12	10	21	11
50010208	GHarmothoe				1		
5001060302	Sthenelais boa	3	2		1	1	
5001220103	Ancistrosyllis jonesi		2				2
5001220201	Sigambra tentaculata		1				
50012404	GNereis	1		1	1		
5001250115	Nephtys incisa	1				1	
5001270104	Glycera americana			1			
5001290201	Diopatra cuprea	1	1	1			
5001410301	Paraonis 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	6		2	5	2
5001440104	Magelona rosea		2			1	
5001440109	Magelona phyllisae	14	30	15	21	16	45
5001440199	?Magelona filiformis		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	1	6	1	13
5001670208	Ampharete acutifrons	4	3	2	6	4	2
5103230205	Vitrinella floridana		1				
5110130201	Volvulella texasiana				1		
55	Bivalvia					1	
5502040213	Nuculana concentrica		1				
5515310209	Tellina versicolor		1		1		
5517020201	Corbula contracta					1	
61230101	GCaligus					1	
6169330301	Listriella barnardi			1			
6175	ADecapoda (arthropoda)		2				
6177020101	Acetes americanus		1	1			1
6184	ABrachyura	1			1		
6189050401	Speocarcinus lobatus		1				
6189050899	?Chasmocarcinus mississippiensis			1			
61890604	GPinnixa	1		1			
72000201 99	?Golfingia bulbosa		9	3	2	1	8
72000301 99	?Aspidosiphon albus	1	1			1	
80020102	Lingula						1
812903	Amphiuridae	1	1				
8129030903	Amphioplus coniortodes	3	2	1	8	2	2

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2		3		3	2
5001060302	Sthenelais boa		1				
5001220201	Sigambra tentaculata			1	2		
50012404	GNereis						2
5001250115	Nephtys incisa	1		1			2
5001310113	Lumbrineris tenuis			1			
5001431701	Paraprionospio pinnata	1	1	1	2		
5001440104	Magelona rosea			1			
5001440109	Magelona phylliseae	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						1
5517020201	Corbula contracta	2					2
6169330301	Listriella barnardi					1	
6169370820	Monoculodes edwardsi	1					
6175	ADecapoda (arthropoda)					1	
6177020101	Acetes americanus					2	
61791104	Periclimenes				1		
6179140103	Alpheus floridanus						1
6179140301	Automate 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 albus				3		
812903	Amphiuridae			1			
8129030903	Amphioplus coniortodes		1	2		1	1
8741020201	Neoconger mucronatus						1

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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
500136010A	Dorvillea sociabilis				1		
5001430502	Prionospio cirrifera	1				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	Diplodonta soror					1	
5515310209	Tellina versicolor				1		
5515471401	Agriopoma texasiana	1					
5517020201	Corbula contracta				1		
6151	AMysidacea			1		1	
6153012101	Mysidopsis bigelowi						1
6169020110	Ampelisca verrilli	2					
6169330301	Listriella barnardi						1
6175	ADecapoda (arthropoda)				2		
6184	ABrachyura					1	
6189050401	Speocarcinus lobatus		1	2			1
61890604	GPinnixa	2				1	1
7200020199	?Golfingia bulbosa	2	1	2	1	1	
7200050199	?Aspidosiphon albus				1		
7700010203	Phoronis architecta						1
8129030903	Amphioplus coniortodes	3		2		5	4

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	22	22	14	21	11	9
47051001	GDorvilaimopsis				1		
47051002	GSabatieria	2	1		2	3	1
50010208	GHarmothoe		1				
5001060302	Sthenelais boa	3				1	
5001080103	Paleanotus heteroseta				1		
5001130110	Anaitides erythrophyllus			1			
5001210103	Gyptis vittata						1
5001220103	Ancistrosyllis jonesi			1	1		
5001220201	Sigambra tentaculata	2	4	4	2	2	5
5001220203	Sigambra wassi						1
50012404	GNereis		1		1		2
5001250115	Nephtys incisa	1		1		1	
5001290201	Diopatra cuprea			2	1	1	
5001410301	Paraonis gracilis	1					
5001430411	Polydora ligni					2	
5001430502	Prionospio cirrifera	2		5			
5001430508	Prionospio cirrobranchiata				1	1	4
5001430510	Prionospio cristata						1
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	2	3	5	1	2	8
5001580204	Armandia maculata	1	1	2	3	1	1
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis	7	11	10	16	12	1
5001670208	Ampharete acutifrons		3				
5001670211	Ampharete americana					1	
5103230205	Vitrinella floridana	1			1		
5106040101	Terebra dislocata	1	1				
5110130201	Volvulella texasiana			1			
5517020201	Corbula contracta				3		
6169330301	Listriella barnardi			1			
6175	ADecapoda (arthropoda)				1		1
6177020101	Acetes americanus	1				1	
6179140103	Alpheus floridanus	1					
6189050899	?Chasmocarcinus mississippiensis			1			
61890604	GPinnixa		1	1	2		
7200020199	?Golfingia bulbosa	2		1			
8129030903	Amphioplus coniortodes	2	2	1	1	2	5
82010201	Balanoglossus	1					
8791020101	Bregmaceros atlanticus	1					

43	Rhynchocoela	19	10	23	20	28	16
4303020210	Cerebratulus lucidus				1		
470401	Linhomoeidra	1					
47051002	GSabatieria	2	1			2	2
5001	Polychaeta			1			
50010218	GLepidasthenia						1
5001060302	Sthenelais boa	1	1	1	1		
5001220103	Ancistrosyllis jonesi			1			1
5001220201	Sigambra tentaculata	2	2	6	3	4	2
500124	Nereidae			1			
50012404	GNereis	3	1	1	1		2
5001250115	Nephtys incisa	1	1	1			2
5001290201	Diopatra cuprea	3		1	1	1	4
5001410301	Paraonis gracilis	3	1	1			
5001430411	Polydora ligni						1
5001430502	Prionospio cirrifera	7		1	2		
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						1
5001500307	Tharyx marioni			2			
5001520103	Cossura delta	5	2			5	3
50015404	GDiplocirrus				2		
5001560204	Armandia maculata			2		1	1
5001600306	Notomastus latericeus		1	2	1		
5001600402	Mediomastus californiensis			16		2	15
5001630103	Asychis elongata		1				
5001670208	Ampharete acutifrons	2					1
51	Gastropoda				1		
51060211	Kurtziella			1			
5110130201	Volvulella texasiana				1		
52	Bivalvia				1		
5502040213	Nuculana concentrica			1			
5515471401	Agriopoma texasiana						1
5517020201	Corbula contracta			1			
6168	AAmphipoda						1
6175	ADecapoda (arthropoda)		1				
6177020101	Acetes americanus		1				
6179140301	Automate evermanni		1				
618905	Goneplacidae			1			
6189050401	Speocarcinus lobatus	1					
8129030903	Amphioplus coniortodes	1	1		1		4
8791020101	Bregmaceros atlanticus			1			
8847011201	Gobioides broussonneti	1					
8847011601	Bollmannia communis				1		

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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	1					
5001290201	Diopatra cuprea			1		2	
5001430502	Prionospio cirrifera		1				
5001431701	Paraprionospio pinnata		2				1
5001440109	Magelona phyllisae	2	1	3	2	9	1
5001440199	?Magelona filiformis			1			
5001500304	Tharyx 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
5110130201	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	Amphioplus coniortodes		3	4			2
8740	AAnguilliformes	1					
8847011601	Bollmannia communis						1

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3	4	4	5	3
47051001	GDorvleimopsis					1	
47051002	GSabatieria					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	1	2			
5001440109	Magelona phyllisae		3	4		2	
5001520103	Cossura delta		2				
5001580204	Armandia maculata	1	1				
5001600402	Mediomastus californiensis					2	
5001630103	Asychis elongata			1			
5103230205	Vitrinella floridana				1		1
5103760204	Natica pusilla					1	
5106040101	Terebra dislocata		1				
5110130201	Volvulella texasiana		1			1	
6177020101	Acetes americanus				1	1	
6184	ABrachyura				1		
7200020199	?Golfingia bulbosa			1		1	1
812903	Amphiuridae		2				
8129030903	Amphioplus coniortodes	1					1
8741020201	Neoconger mucronatus			1			

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	6	2		9	5	2
50010218	GLepidasthenia	3	3			3	
5001060302	Sthenelais boa	1	5		2	2	4
5001100302	Pseudeurythoe ambigua		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						2
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		2	
5001682002	Loimia viridis	4	3			2	4
5103760501	Sinum perspectivum					1	1
5105080106	Nassarius acutus		1				
5106040101	Terebra dislocata			1			
5502020204	Nucula proxima				1	1	
5515250301	Mulinia lateralis	1			1	1	
5515310209	Tellina versicolor	1	1	3	3	3	7
5515350201	Abra aequalis		2		1		1
551547110101	Mercenaria mercenaria texana					1	
5515471501	Chione clenchi						1
6154050801	Oxyurostylis smithi	1	1		2	1	
61691502	GCorophium		1				
6183040102	Upogebia affinis		1			1	
6183060237	Pagurus bonairensis				1	1	1
6183120301	Euceramus praelongus				1		
6189050401	Speocarcinus lobatus					1	1
6189059999	?Frevillea barbata	1					
61890604	GPinnixa	23	19	6	4	13	4
7200020199	?Golfingia bulbosa	15	60		7	37	19
7200030197	?Aspidosiphon cumingii			2			
7200030198	?Aspidosiphon spinalis			1			
7200030199	?Aspidosiphon albus	1				1	2
7700010203	Phoronis architecta	2	5	1	2	1	1
8129030102	Amphiodia atra					1	
8172060306	Pentamera pulcherrima					1	
82010201	Balanoglossus	4	7	3		2	2

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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	Sthenelais boa	2	6	3	1	3	1
5001080103	Paleanotus heteroseta						1
5001210102	Gyptis brevipalpa			1	1		
5001220103	Ancistrosyllis jonesi			3			
5001220201	Sigambra tentaculata	1	4	5	2	1	1
50012404	GNereis	5	9	2	4	4	6
5001270104	Glycera americana		2	1			
5001280106	Glycinde nordmanni	1		2			1
5001310113	Lumbrinereis tenuis		1				1
5001410201	Aricidea suecica			1	1		
5001410301	Paraonis gracilis						1
5001430502	Prionospio cirrifera	3	1			4	
5001430508	Prionospio cirrobranchiata				2	2	1
5001430510	Prionospio cristata		2	1	5		2
5001431701	Pareprionospio 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				
5001600402	Mediomastus californiensis	1	2	11	7	14	2
5001640302	Myriowenia californiensis			1			
5001670208	Ampharete acutifrons	7			1	6	
5001670211	Ampharete americana		3	3	6		3
5001682002	Loimia viridis	8	13	3	7	1	5
5103760204	Natica pusilla						1
5103760407	Polinices duplicatus						1
5502040213	Nuculana concentrica						1
550601	Arcidae				1		
5515250301	Mulinia lateralis					1	1
5515310209	Tellina versicolor	2	2		1	2	1
5515350201	Abra aequalis		5	1	2	5	1
5517020201	Corbula contracta	1	2			1	
6154050801	Oxyurostylis smithi	3	9	5	5		1
6154090202	Cyclaspis varians					1	
6169371401	Syncheliqium americanum					1	
61890106	GPortunus		1				
61890501	Speocarcinus lobatus					2	
61890604	GPinnixa	7	5	2	4	9	1
72000201	?Golfingia bulbosa	9	10	9	10	2	29
72000501	Phascolion strombi	1					
72000301	?Aspidosiphon albus	2	3		1	2	1
7700010203	Phoronis architecta				1		1
8120	Ophiuroidea		1				
81290301	Amphiodia atra		1				2
81780103	GProtankyra					2	
82010201	Balanoglossus	1		1	1		

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis			1			
3760040101	Calliactis tricolor						1
43	Rhynchocoela	3	1	1	3	1	2
5001020813	Harmothoe trimaculata					1	
50010218	GLepidasthenia	1	1				
5001060302	Sthenelais boa	3	3	2	1	1	4
5001100302	Pseudeurythoe ambigua	1	1	7		1	9
5001220105	Ancistrosyllis papillosa			1			
5001220201	Sigambra tentaculata	3	2	2			
5001240103	Ceratonereis irritabilis			2			1
50012404	GNereis	17	14	14	15	23	13
5001240410	Nereis succinea			1			
5001270104	Glycera americana		1		1		
5001280104	Glycinde 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
5001440109	Magelona phyllisae	187	188	78	127	78	54
5001600306	Notomastus latericeus		3				
5001600402	Mediomastus californiensis	1				1	
5001630202O1	Clymenella torquata calida		1	2	1		
5001660302	Pectinaria gouldii						2
5001670208	Amphārete acutifrons	6	2	2		7	6
5001682002	Loimia viridis		1				
5001682301	Amaeana trilobata				1		
5103760208	Natica pusilla					1	1
5502020204	Nucula proxima		1	1		1	
5506010201	Anadara transversa			1			
5506010202	Anadara ovalis			2		1	1
5515050104	Diplodonta 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					2	1
5515480102	Petricola pholadiformis		1			3	5
5517020201	Corbula contracta	3		1	2	1	
6154050801	Oxyurostylis smithi	6	8	6	11		3
6179140301	Automate evermanni				2		
6179160602	Latreutes parvulus			1			
6183060237	Pagurus bonaírensis		1		1		
6183120301	Euceramus praelongus				1		
61860202	GHepatus			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	Hemipholas elongata				2	2	
8129030102	Amphiodia atra				1	4	

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	1	1	1	4	1
4303020210	Cerebratulus luridus						1
50010218	GLepidasthenia	1			1		
5001060302	Sthenelais boa	1	2	1		2	
5001100302	Pseudeurythoe ambigua	1		5			8
5001210402	Ophiodromus obscura		1				
5001220103	Ancistrosyllis jonesi				1		
5001220201	Sigambra tentaculata	2	2		1	1	7
5001240103	Ceratonereis irritabilis				2		
50012404	GNereis	11	7	2	6	6	6
5001270104	Glycera americana	2	1		1		1
5001290201	Diopatra cuprea	1		1	13	1	
5001310113	Lumbrinereis tenuis					1	
5001430510	Prionospio cristata			1			
5001431701	Paraprionospio pinnata	10	7	1	1	2	4
5001440109	Magelona phyllisae	41	41	7	12	29	11
5001500307	Tharyx marioni	1	1				
5001600306	Notomastus 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	
5103760204	Natica pusilla	1			1	1	
5105030303	Anachis obesa					1	
55	Bivalvia	1					
5502020204	Nucula proxima	3			1	1	
5506010201	Anadara transversa				2		
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
5515350201	Abra aequalis	1					
5515471401	Agriopoma texasiana						2
5515480102	Petricola pholadiformis			3	9		
5517020201	Corbula contracta	4	3				
6151	AMysidacea					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	GPinnixa	2	3	2		3	2
7200020199	?Golfingia bulbosa	1	6	5	2	2	3
7200030199	?Aspidosiphon albus	2		1			
7700010203	Phoronis architecta	1		1			
8129020201	Hemipholas elongata				1		
8129030102	Amphiodia atra		1	1	3	1	

3740	Anthozoa		1				
3756010101	Palythoa texaensis						1
3760020201	Peranthus rapiformis			1			
3760040101	Calliactis tricolor			1			
43	Rhynchocoela	3	1	5	6	15	5
50010218	GLepidasthenia	1		2		1	1
5001060302	Sthenelais boa	4	7	8		3	2
5001080103	Paleanotus heteroseta					1	
5001100302	Pseudeurythoe ambigua		8	1			12
5001220201	Sigambra tentaculata	3	6	6	3	1	10
50012404	GNereis	13	3	12	4	12	19
5001250115	Nephtys incisa	1					
5001270104	Glycera americana		2	1			
5001290201	Diopatra cuprea				1		
5001310113	Lumbrinereis tenuis		2	1		1	
5001430502	Prionospio cirrifera	1	2		8	2	2
5001430508	Prionospio cirrobranchiata		1	2			
5001430510	Prionospio cristata	1	5	7	2	9	3
5001431001	Spiophanes bombyx					1	
5001431701	Paraprionospio pinnata	16	22	31	12	38	17
5001440109	Magelona phyllisae	285	284	78	68	223	356
5001490303	Spiochaetopterus oculatus					1	
5001500307	Tharyx marioni		1	2			
5001600402	Mediomastus californiensis			4	1	2	1
5001640102	Owenia fusiformis					1	
5001640302	Myriowenia californiensis					2	
5001660302	Pectinaria gouldii				1		
5001670208	Ampharete acutifrons	4	2	13	4	9	1
5001682002	Loimia viridis	2		1	2		3
5103760501	Sinum perspectivum					1	
5105040401	Cantharus cancellarius			1			
5105080106	Nassarius acutus						1
5106040101	Terebra dislocata			1			
5502020204	Nucula proxima	1	1	1	2		
5515010102	Parvilucina multilineata				1		
5515250301	Mulinia lateralis	1	3	4	4	1	
5515310209	Tellina versicolor	6	1	2	2		1
5515350201	Abra aequalis			3	1	1	1
5517020201	Corbula contracta	1		1			
5520080301	Bushia elegans			1			
6154050801	Oxyurostylis smithi	11		9	3	5	
6179150102	Oxyrides limicola						1
6183060237	Pagurus bonairensis		2				1
61890604	GPinnixa	3		5	2	2	3
7200020199	?Golfingia bulbosa		1	7	20	3	14
7200020401	Phascolion strombi		1				
7200030199	?Aspidosiphon albus				1	5	2
7700010203	Phoronis architecta	1				2	2
812903	Amphiuridae		1	1			
8129030102	Amphiodia atra	1					
82010201	Balanoglossus			1			3

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	9	5	3	7	10	4
47040403	GTheristus				1		
47051002	GSabatieria				2	2	
50010218	GLepidasthenia	1					
5001060302	Sthenelais boa	3	1	1	1	6	3
5001080103	Paleanotus heteroseta		1				
5001100302	Pseudeurythoe ambigua	6	7		3	7	3
5001210103	Gyptis vittata			1			
5001210402	Ophiodromus obscura	1					
5001220103	Ancistrosyllis jonesi		1			2	
5001220201	Sigambra tentaculata	6	4	14		15	7
50012404	GNereis	13	9	20	6	10	12
5001270104	Glycera americana		1	1		3	
5001310113	Lumbrineris tenuis	2	1	1			
5001410201	Aricidea suecica	1					2
5001410214	Aricidea fragilis	1					
5001430502	Prionospio cirrifera	1	1	3		3	3
5001430508	Prionospio cirrobranchiata			1			
5001430510	Prionospio cristata	2		2		9	1
5001431001	Spiophanes bombyx			1		1	
5001431701	Paraprionospio pinnata	12	20	31	8	49	12
5001440109	Magelona phyllisae	418	63	175	105	219	102
5001500307	Tharyx marioni	1	2	2		2	
5001520103	Cossura delta	1				1	
5001580204	Armandia maculata				1	1	
5001600402	Mediomastus californiensis	4	1	4	5	2	
5001670208	Amphicteis gunneri	2	2	5	2	7	3
5001680707	Pista palmata			9			
5001682002	Loimia viridis	1	5	2		7	6
5101230205	Vitrinella floridana	1					
5502020204	Nucula proxima						1
5502040213	Nuculana concentrica		1				
5506010202	Anadara ovalis		1				
5515310209	Tellina versicolor	3		2		2	3
5515350201	Abra aequalis			1	1	1	2
6154050801	Oxyurostylis smithi	4		1		4	
6189050401	Speocarcinus lobatus		1				
61890604	GPinnixa	2	2	5	2	6	4
72000201?9	?Golfingia bulbosa	8	15	38	2	7	8
72000301?9	?Aspidosiphon albus	2		2		5	1
77000102?3	Phoronis architecta		1		1		
812903	Amphiuridae					1	
81290301?2	Amphiodia atra		1	1		2	2
82010201	Balanoglossus	2					

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	3	4	7	4	10	12
50010218	GLepidasthenia						1
5001060302	Sthenelais boa		1	2	1		2
5001100302	Pseudeurythoe ambigua	7	11		20	12	49
5001210102	Gyptis brevipalpa	1					
5001220201	Sigambra tentaculata	19	2	1	3	4	4
50012404	GNereis	2	4	5	2	4	4
5001270104	Glycera 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	1
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	2	4	9	1
5001670211	Ampharete americana	11	6	6		1	12
5502020204	Nucula proxima			1	1		2
5502040213	Nuculana concentrica						3
55060102	GAnadara			1			
5515250301	Mulinia lateralis	3	2	14	10	10	21
5515310209	Tellina versicolor		1	4	1		5
5515350201	Abra aequalis		1	1	1	1	3
5515480102	Petricola pholadiformis	1	1		5	1	
5517020201	Corbula contracta	1		1		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	
61890604	GPinnixa		1	2			4
7200020199	?Golfingia 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

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Code	Organism name	A	B	C	D	E	F
3760010299	?Anthopleura krebsi					1	
43	Rhynchocoela	2	5	2	3	8	2
47051001	GDorvilaimopsis			1			
47051004	Metacomesoma				2		
471111	Phanodermatidae					1	
5001060302	Sthenelais boa	2		2	4	1	
5001100302	Pseudeurythoe ambigua	2	2	8	5	13	7
5001210102	Gyptis 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	1	
5001290201	Diopatra cuprea	8	4	11	5	2	16
5001310113	Lumbrinereis tenuis			1			
5001430402	Polydora socialis				1		
5001430411	Polydora ligni						1
5001430502	Prionospio cirrifera			1			
5001430508	Prionospio cirrobranchiata						1
5001431701	Paraprionospio pinnata	5	4	9	6	7	1
5001440109	Magelona phyllisae	31	23	23	29	71	67
50015007	Timarete						1
5001600402	Mediomastus californiensis	3			1	1	1
500163020201	Clymenella torquata calida			1	1	1	
5001630203	Clymenella zonalis						1
5001640102	Owenia fusiformis	1					
500167020A	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	1
55060102	GAnadara	1					2
5506010201	Anadara transversa		2	2			
5506010202	Anadara ovalis	1					2
5515250301	Mulinia lateralis	64	45	37	142	37	11
5515310123	Macoma pulleyi			1			
5515310209	Tellina versicolor	5	6	2	4	2	4
5515350201	Abra aequalis					1	2
5515480102	Petricola pholadiformis	3	3	1			7
5517020201	Corbula contracta		4			1	2
6154050801	Oxyurostylis smithi	1	2		6	6	1
6179150102	Ogyrides limicola				1		
61830602	GPagurus (decapoda)	2					
6183120301	Euceramus praelongus						1
6186020201	Hepatus epheliticus		1				
61890106	GPortunus	1					
6189020601	Hexapanopeus angustifrons			1			
61890604	GPinnixa		6	2	2	11	1
72000201 99	?Golfingia bulbosa	2	1	1	1		4
7200030199	?Aspidosiphon albus	2	1		3	1	
8129030102	Amphiodia atra	1		1	1	1	2
82010201	Balanoglossus			1	1		

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2	4		1		
5001060302	Sthenelais boa					1	
5001100302	Pseudeurythoe ambigua	1					
5001130110	Anaitides 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	1			
5001250115	Nephtys incisa		1				
5001270104	Glycera americana						1
5001280106	Glycinde nordmanni				2		
5001290112	Onuphis nebulosa					1	
5001310113	Lumbrineris tenuis	5	2	2	5	9	10
5001330101	Drilonereis filum			1			
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				1	2	
5001440109	Magelona phyllisae		1	3			2
5001500307	Tharyx marioni	1	1	1	2		3
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
500163020201	Clymenella torquata calida		1		1		
5001640102	Owenia fusiformis						1
5001670208	Ampharete acutifrons						1
5502040213	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					
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 biporasa	150					
8129030102	Amphiodia atra		1				

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Code	Organism name	A	B	C	D	E	F
3756010101	Palythoa texaensis	1					
43	Rhynchocoela				4		2
5001060302	Sthenelais boa	2					2
5001100302	Pseudeurythoe ambigua			1	4	1	4
50012307	GExogone			2			
500124	Nereidae			2			
5001240103	Ceratonereis irritabilis	2	10	4	7	11	4
50012404	GNereis	10	15	13	22	18	23
50012406	GCeratocephale	4	3		8	2	5
5001250115	Nephtys incisa				1		
5001250117	Nephtys picta		1				
5001270104	Glycera americana	1			1	1	2
5001280104	Glycinde solitaria	2					
5001280106	Glycinde nordmanni		1				2
50012901 12	Onuphis nebulosa	1			1		
5001310113	Lumbrinereis tenuis	2	2	3	4	9	11
5001410201	Aricidea suecica			1		1	
5001410214	Aricidea fragilis	2	1	3	7	6	13
5001410301	Paraonis gracilis						1
5001430502	Prionospio cirrifera		1			2	3
5001430510	Prionospio cristata			1		2	1
5001431701	Parapriionospio pinnata	2	1	2	1	7	
5001440104	Magelona rosea		1		1	1	3
5001440109	Magelona phyllisae	1	1	1			1
5001440199	?Magelona filiformis		1		1		1
5001500304	Tharyx setigera						1
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			1			
5001670208	Ampharete acutifrons			1			2
5103530401	Niso aeglees			1			
5502020204	Nucula proxima						1
5502040213	Nuculana concentrica				1		
5509100105	Lima locklini	1				1	
5515310209	Tellina versicolor	1	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	?Photis macromanus			1	2		2
6169330301	Listriella barnardi						1
6175	ADecapoda (arthropoda)					1	
6189050401	Speocarcinus lobatus			1			
7200020199	?Golfingia bulbosa	3		2	5	3	3

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	GCeratocephale	6	30	4	1	10	6
5001250114	Nephtys bucera			1			
5001250115	Nephtys incisa		1				
5001250303	Aglaophamus verrilli			1			1
5001270104	Glycera americana			2			
5001290112	Onuphis nebulosa				1	1	
5001290201	Diopatra cuprea		1				
5001310113	Lumbrinereis tenuis	1	9	7	3	7	5
50014102	GAricidea			1			
5001410201	Aricidea suecica			7			1
5001410214	Aricidea fragilis	5	10	29	5	6	7
5001410301	Paraonis gracilis			2		1	1
5001430502	Prionospio cirrifera		1	1	1	1	
5001430508	Prionospio cirrobranchiata			1		1	
5001430510	Prionospio cristata			2			1
5001431701	Paraprionospio pinnata		3	5	2		3
5001440104	Magelona rosea		2	1		1	
5001440109	Magelona phyllisae		3	2			
5001440199	?Magelona filiformis	1		1			
5001500304	Tharyx setigera						3
5001500307	Tharyx marioni		2	5	1		3
50015007	Timarete		9			3	
5001520103	Cossura delta	1			1		
5001580204	Armandia maculata		1				
5001600306	Notomastus latericeus	1	1			2	
5001600402	Mediomastus californiensis		2	2			
5001640102	Owenia fusiformis				1		
5001670208	Ampharete acutifrons					1	
5502020204	Nucula proxima				1		1
5509100105	Lima locklini					1	
5515310209	Tellina versicolor	1					
5515471501	Chione clenchi					1	
5517020201	Corbula contracta				1		2
61690201	GAmpelisca		1				
6169020108	Ampelisca abdita					3	2
6169020110	Ampelisca verrilli			2	13		1
6169020111	Ampelisca agassizi				32		1
6169060399	?Lembos brunneomaculatus				1		
6169260299	?Photis macromanus				6		
6169330301	Listriella barnardi				1		
6169480799	?Paramatopella texanis				1		
6175	ADecapoda (arthropoda)				1		
6177010202	Trachypenaeus similis						1
6179140301	Automate evermanni		1			1	1
6189050401	Speocarcinus lobatus		1			1	
7200020199	?Golfingia bulbosa				1		
7200030199	?Aspidosiphon albus		1		1		
7815040499	?Cupuladria biporasa						175

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Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	2		1	1		
5001060302	Sthenelais boa	1	3	3	1		1
5001210103	Gyptis vittata			1			
5001220201	Sigambra tentaculata				1		
5001240103	Ceratonereis irritabilis	1		2	4		4
50012404	GNereis	2	2	5	6	1	2
50012406	GCeratocephale	1	1		7	6	1
5001250114	Nephtys bucera	1					
5001250115	Nephtys incisa					1	
5001250117	Nephtys picta			1			2
5001250303	Aglaophamus verrilli	7	10	6	8	12	10
5001270104	Glycera americana	1			1		
5001280106	Glycinde nordmanni				1	3	1
5001280203	Goniada brunnea	2					
5001280206	Goniada teres		4	1			
5001290112	Onuphis nebulosa	4	1		2		
5001310113	Lumbrinereis tenuis	14	4	4	8	2	1
5001410214	Aricidea fragilis	1	1			1	
5001430510	Prionospio cristata				1		
5001431701	Paraprionospio pinnata	2	2	1	2		
5001432301	Microspio pigmentata					1	
5001440109	Magelona phyllisae	2		2			1
5001440199	?Magelona filiformis				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		1	
5001630103	Asychis elongata	1		2	1	2	1
5001670208	Ampharete acutifrons	3	1	1	4		4
5001680707	Pista palmata		1				
5001690101	Terebellides stroemii						2
55	Bivalvia						1
551531	Tellinidae						1
5515310123	Macoma pulleyi			1			
5515310209	Tellina versicolor	1	3			1	2
5515310401	Tellidora cristata					1	
5515471501	Chione clenchi						1
5517020201	Corbula contracta					1	1
552005020601	Lyonsia hyalina floridana	1					
61560301	Apseudes	8	14	4	6	5	3
6160010701	Xenanthura brevitelson				5		1
6168	AAmphipoda				55		
61690201	GAmpelisca	4	15				2
6169020108	Ampelisca abdita	11	6	5		3	4
6169020110	Ampelisca verrilli	5	8	7		3	5
6169020111	Ampelisca agassizi	5		2		3	
6169060399	?Lembos brunneomaculatus	3					1
6169260299	?Photis macromanus	10	2	4		4	
6179	ACaridea						1
6179140301	Automate evermanni		1		1		
61890604	GPinnixa	1					
72000201 99	?Golfingia bulbosa	8	4	10	2	1	
7200020401	Phascolion strombi		1				
7200030199	?Aspidosiphon albus				2		1
7700010203	Phoronis architecta		1	1			2
7815040402	Cupuladria doma					150	
7815040499	?Cupuladria biporasa					435	
7815150201	Discoporella umbellata					50	
80020102	Lingula	1		1	1		1
812903	Amphiuridae	1					
8129030102	Amphiodia atra				1		
8172060306	Pentamera pulcherrima		1				1
8741131001	Ophichthus gomesii	1					

ame		A	B	C	D	E	F
43	Rhynchocoela	3	2	1		1	1
5001060302	Sthenelais boa						1
5001100302	Pseudeurythoe ambigua		1	4	1	1	1
5001220201	Sigambra tentaculata			1			
5001240103	Ceratonereis irritabilis	2	1		1	4	2
50012404	GNereis	12	19	28	26	19	28
50012406	GCeratocephale	6		4	6	7	2
50012701	Glycera (polychaeta)		1				
5001270104	Glycera americana	1	2	1		3	2
5001280106	Glycinde nordmanni					1	2
5001290112	Onuphis nebulosa					1	
5001290201	Diopatra cuprea						1
5001300201	Marphysa sanguinea					1	
5001310113	Lumbrinereis 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	Spiophanes bombyx				1		
5001431701	Paraprionospio pinnata	4	1	2		2	
5001432005	SMalacoceros vanderhorsti		1				
5001440104	Magelona rosea	1	1		1		2
5001440109	Magelona phyllisae				1		
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 chydaea			1			
7200020199	?Golfingia bulbosa	2					
7200030199	?Aspidosiphon albus	1		1			
7700010203	Phoronis architecta						1
8106010502	Astropecten duplicatus		1				

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	5	1	9	3	6	1
5001130110	Anaitides erythrophyllus		2	1	2	1	
5001220201	Sigambra tentaculata	2		1		1	
500124	Nereidae						1
50012404	GNereis	1			1	1	2
5001250115	Nephtys incisa	2		1	1	2	1
5001290201	Diopatra cuprea				1		
5001310113	Lumbrineris tenuis	4	2			5	2
5001310204	Ninoe nigripes	3	1	2	3	1	1
5001360102	SSchistomeringos caeca	4					
5001410301	Paraonis gracilis				1	1	
5001430502	Prionospio cirrifera	2		2	2	3	
5001430508	Prionospio cirrobranchiata				1		3
5001431701	Paraprionospio pinnata	6		1		4	1
5001440104	Magelona rosea	1		1	1		
5001440109	Magelona phyllisae		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	
5001630103	Asychis elongata				1		
50017501	Grubeulepis			1			
5110130201	Volvulella texasiana	1					
5517020201	Corbula contracta	1	1	3	1		
61560301	Apseudes	1			1	2	
6169020108	Ampelisca abdita		1			4	2
6169020111	Ampelisca agassizi				2		
6169060303	Lembos smithi	3					
6169330301	Listriella barnardi					1	
6179	ACarideo						1
6179140103	Alpheus floridanus	2	1			1	
6179140301	Automate evermanni	2		5	3	2	2
6184	ABrachyura					1	
6187020201	Leiolambrus nitidus	1			1		
6189050899	?Chasmocarcinus mississippiensis			1			
6191010102	Squilla chydaea					1	
7200020199	?Golfingia bulbosa	2					
8120	Ophiuroidea					2	
8129030102	Amphiodia atra		1				
8129030903	Amphioplus coniortodes		1				1
8741020201	Neoconger mucronatus			1			

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 ambigua	1	1				1
5001210103	Gyptis 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	Aglaophamus verrilli			1			1
5001270104	Glycera americana	1	2	2	3	2	3
5001280106	Glycinde nordmanni		1	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	1	2			1	
5001410214	Aricidea fragilis	12	18	8	4	10	4
5001410301	Paraonis gracilis					1	
5001410601	Cirrophorus lyriformis		3				
5001430502	Prionospio cirrifera			1		2	2
5001430510	Prionospio cristata	1	5	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		1				
5001500304	Tharyx setigera		2			2	1
5001500307	Tharyx marioni	2	8	5	3	4	4
50015007	Timarete	2				1	
5001520103	Cossura delta	2	1			3	
5001600306	Notomastus latericeus	2	1	3	1	2	2
5001600402	Mediomastus californiensis	4	1		3	4	1
5001640102	Owenia fusiformis			1	1	2	
5001640302	Myriowenia californiensis						1
5001670208	Ampharete acutifrons		2				
5001670211	Ampharete americana	1					
5502020204	Nucula proxima		1				1
5502040213	Nuculana concentrica			1			
5515050104	Diplodonta soror					1	
5515310209	Tellina versicolor		4				
5515471501	Chione clenchi		1	1			
5517020201	Corbula contracta		1				1
6154050801	Oxyurostylis smithi	1					
6169020108	Ampelisca abdita		2	1	2		
6169020110	Ampelisca verrilli	6	4	5	1		1
6169020111	Ampelisca agassizi					1	
6169260299	?Photis macromanus	2	1				
6177020101	Acetes americanus						1
6179	ACaridea				1		
6179050202	Leptochela bermudensis				1		
6189050401	Speocarcinus lobatus	1					
61890604	GPinnixa	1	1				
72000020199	?Golfingia bulbosa	9	1	2	2	4	11
72000030199	?Aspidosiphon albus	1		1			1
73	Echiura	1					
80020102	Lingula					1	
8170	Holothuroidea	1					

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	5	2	2	7	4	4
5001060302	Sthenelais boa	1	3		1	2	
5001130801	Paranaitis speciosa	1					1
5001210103	Gyptis vittata					1	1
5001220201	Sigambra tentaculata	1	1			1	
5001240103	Ceratonereis irritabilis	5	1	2	2	1	2
50012404	GNereis	4	1	2	3		1
50012406	GCeratocephale	4	2	4	1	5	2
5001250115	Nephtys incisa	1					
5001250303	Aglaophamus verrilli	6	9	2	11	5	5
5001280106	Glycinde nordmanni		1	2	1		2
5001310113	Lumbrineris tenuis	8	2	4	5	10	10
5001310204	Ninoe nigripes	4					
5001400307	Scoloplos rubra		1	1			1
5001410201	Aricidea suecica		1			1	
5001410214	Aricidea fragilis	1	1		3	1	1
5001430502	Prionospio cirrifera					1	
5001430510	Prionospio cristata					1	1
5001431001	Spiophanes bombyx	1		1			
5001431701	Paraprionospio pinnata	1	2	4	3	5	1
5001432301	Microspio pigmentata				1		1
500144	Magelonidae		2	1			
5001440104	Magelona rosea		1	1	1		1
5001440109	Magelona phyllisae		3	2		3	1
5001500105	Cirratulus hedgpethi		1				1
5001500304	Tharyx setigera		2			2	2
5001500307	Tharyx marioni	9	4	1	2	5	8
50015007	Timarete	5			4		
5001580204	Armandia maculata	1				1	1
5001600306	Notomastus latericeus	3	1		1	3	2
5001600402	Mediomastus californiensis	1			1	12	
5001630103	Asychis elongata	1			1		
5001640102	Owenia fusiformis			1			
5001640302	Myriowenia californiensis					1	
5001660302	Pectinaria gouldii		1	1			
5001670208	Ampharete acutifrons	3	4	2	2	3	
5001670211	Ampharete americana	1					
5001682301	Ameana trilobata	1		1	1		
5001690101	Terebellides stroemii		1	1	1		1
5001700402	Megalomma bioculata	1					
51	Gastropoda				1		
5105040401	Cantharus cancellarius			1			
5110040104	Acteocina candei				1		1
5110130202	Volvulella persimilis		1				
5502020204	Nucula proxima				1		2
5502040213	Nuculana concentrica		2	1		3	
5502040611	Anadara transversa		1				3
5506010201	Diplodonta soror	3	1	1			1
5515050104	Macoma pulleyi						1
5515310123	Tellina versicolor	2	3	2	4	2	2
5515310209	Tellidora cristata		1				
5515310401	Dosinia discus				2		
5515470901	Agriopoma texasiana		1	1			
5515471401	Chione cancellata		1	1	3	1	
5515471501	Corbula contracta	2	3	4	4	3	
5517020201	Varicorbula operculata	1	2		2	1	
5517020301	Lyonsia hyalina floridana						1
552005020601	Apseudes	3	4	3		7	1
61260301	Anthuridae	1		1			
6160001	Xenanthura brevitelson	2	2	1	1	2	
6160010701	Ampelisca abdita			1			
6169020108	Ampelisca verrilli	6	6	3	4	5	4
6169020110	Ampelisca agassizi						1
6169020111	?Lembos brunneomaculatus	2					
6169060399	?Photis macromanus	6	1			1	2
6169260299	Synchelidium americanum	1					
6169371401	Trachypeneus similis					1	
6177010202	Acetes americanus					1	
6177020101	Latreutes parvulus		2				
6179160602	Processa hemphilli					1	
6179170101	GPagurus (decapoda)			1			
61830602	Euceramus praelongus			1			
6183120301	GPortunus			1		2	
61890106	Glyptoplax smithii				1		
6189050601	?Frevillea barbata		1				
6190050499	GPinnixa		1				
61890604	?Golfingia bulbosa	7		3	3	1	5
7200020199	?Aspidosiphon albus	1					
7200030199	Cupuladria dome		125		25		
7815040402	?Cupuladria biporasa			300			
7815040499	Discoporella umbellata						25
7815150201	Lingula	1	1	2	1		3
80020102	Ophiuroidea			1			
8120	Amphiuridae			1			
812903	Pentamera pulcherrima		1			1	
8172060306	Symphurus plagiusa			1			
8858020101							

43	Rhynchocoela	3	1		4	1	1
5001060302	Sthenelais boa			1			
5001130110	Analtides erythrophyllus				1		
5001240103	Ceratonereis irritabilis			2		1	
50012404	GNereis				1		
5001250115	Nephtys incisa	1	1	1	2	2	1
5001280106	Glycinde nordmanni	1					
5001310113	Lumbrinereis tenuis	2	3	1		3	
5001310204	Ninoe nigripes	1	1				1
5001330201	Arabella iricolor	1					
5001410301	Paraonis gracilis			1			1
5001431701	Paraprionospio pinnata			1	2		
5001440199	?Magelona filiformis	1	2		2		1
5001500307	Iharyx marioni		1				
5001520103	Cossura delta		1				1
50015404	GDiplocirrus				1		
5001580204	Armandia maculata			1		2	1
5001590101	Sternaspis scutata			1			
5001600306	Notomastus latericeus		3			2	
51032003	GCingula	1					
5110130201	Volvulella texasiana		1			3	
5502040213	Nuculana concentrica		2				
5515471401	Agriopoma texasiana		1				
5517020201	Corbula contracta	5				2	1
6154040213	Eudorella monodon		1				
6179140103	Alpheus floridanus			1			
6179140301	Automate evermanni			1			
6189050401	Speocarcinus lobatus			1			
61890604	GPinnixa	2	1				1
8129030903	Amphioplus coniortodes	2	1				
8791020101	Bregmaceros atlanticus		7				

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1		3	2	2	
47051001	GDorylaimopsis		1				
5001060302	Sthenelais boa						1
5001210103	Gyptis vittata				1		
5001220201	Sigambra tentaculata			2		1	
50012404	GNereis	1	1				1
5001250115	Nephtys incisa	3		1	1	2	
5001280106	Glycinde nordmanni	1	1				
5001290201	Diopatra cuprea						1
5001310113	Lumbrineris tenuis			1		2	1
5001310204	Ninoe nigripes	2	1	1	3	1	1
5001410201	Aricidea suecica			1			
5001410301	Paraonis gracilis	1					
5001430502	Prionospio cirrifera		1	6			1
5001431701	Paraprionospio pinnata		1		1	1	
5001440199	?Magelona filiformis	1				4	2
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		
51032003	GCingula		1				
5515310123	Macoma pulleyi			1			
5515471401	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	Leiolambrus nitidus				1		
61890604	GPinnixa	1				1	
8129030903	Amphioplus coniortodes					1	1
8791020101	Bregmaceros atlanticus				3		1

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Code	Organism name	A	B	C	D	E	F
3453030198	?Lenticulina iota						1
43	Rhynchocoela	4	4	5		11	1
47051002	GSabatieria			1			
5001060302	Sthenelais boa				1		
5001220201	Sigambra tentaculata			1	2	1	2
50014	Nereidae	1	1				
50012404	GNereis	1					1
5001250115	Nephtys incisa	1		1	3	1	1
5001280106	Glycinde nordmanni				1		
5001290201	Diopatra cuprea		1				
5001310113	Lumbrineris tenuis	2		1		3	2
5001310204	Ninoe nigripes			1		1	
5001410201	Aricidea suecica	1	1				
5001410214	Aricidea fragilis		2	1		4	1
5001410301	Paraonis gracilis		2				1
5001410601	Cirrophorus lyriformis				1		
5001430502	Prionospio cirrifera	2	6		2	21	1
5001431701	Paraprionospio pinnata	1	2	1	1	8	3
5001440104	Magelona rosea			1		1	
50014401 99	?Magelona filiformis	4	3	2	3	2	
5001500304	Tharyx setigera	1					
5001500307	Tharyx marioni	4	2	1	1	2	1
50015007	Timarete						1
5001520103	Cossura delta	7	9	2	8	7	2
5001580204	Armandia maculata			1		1	
5001600306	Notomastus latericeus			4		1	
5001600402	Mediomastus californiensis	2	4	1	4	4	7
50017001	GChone					1	
5110130201	Volvulella texasiana						1
551507	SLaseadae					1	
5515310123	Macoma pulleyi				1		
5517020201	Corbula contracta	1	1	1		2	
5520070199	?Periploma orbicularis			1			
55201001	GCardiomya					1	
61530125	Sirielle				1		
6153019999	?Tephromysis louisianae			1			
6169020108	Ampelisca abdita			1			
6175	ADecapoda (arthropoda)	1					
6176	ACaridea			1	1		
6179140103	Alpheus floridanus		1				
6179140301	Automate evermanni	1		2		1	
6187020201	Leiolambrus nitidus			1			
6189050401	Speocarcinus lobatus					1	
6189050899	?Chasmocarcinus mississippiensis					1	
61890604	GPinnixa		1		1	1	
8129030102	Amphiodia atra				1		1
8162040301	Schizaster orbignyanus					1	
8847011601	Bollmannia communis					1	

43	Rhynchocoela	2	5	1	8	15	6
47051001	GDorylaimopsis				1		
5001060302	Sthenelais boa	1				1	
5001130110	Anaitides erythrophyllus		1				
5001220201	Sigambra tentaculata	1			2	3	
500124	Nereidae	1	1				
50012404	GNereis	1	1			1	1
5001250115	Nephtys incisa	1	4	1	2	1	3
5001280106	Glycinde nordmanni		2		1		
5001310113	Lumbrineris tenuis	4	3		6	4	
5001310204	Ninoe nigripes		1		1	1	4
5001410201	Aricidea suecica		2				1
5001410214	Aricidea fragilis	2			1	1	
5001410301	Paraonis gracilis					1	
5001430502	Prionospio cirrifera	1	9		8	7	6
5001430508	Prionospio cirrobranchiata		1				1
5001430706	Spio pettiboneae		1				
5001431701	Paraprionospio pinnata	4	5	2	3	2	1
5001440104	Magelona rosea		1	1			1
5001440199	?Magelona filiformis	1	1	2	1	3	1
5001500307	Tharyx marioni	2			1	3	1
5001520103	Cossura delta	1	2	2	3	7	1
50015404	GDiplocirrus				1		
5001580204	Armandia maculata	1	2			5	5
5001600306	Notomastus latericeus	2	2	2	2	2	
5001600402	Mediomastus californiensis	3	1			3	2
5103230205	Vitrinella floridana		1			1	
5105030303	Anachis obesa					1	
5110130201	Volvulella texasiana			2	1		
5515310123	Macoma pulleyi			1			
5517020201	Corbula contracta	4	3	1	1		7
6154040213	Eudorella monodon				1		
6169020111	Ampelisca agassizi		1				
6169330301	Listriella barnardi	1	2				
617914	Alpheidae	1					
6179140301	Automate evermanni	2	2		3	2	1
6189050401	Speocarcinus lobatus					1	
6189050899	?Chasmocarcinus mississippiensis	1	1		1	2	
61890604	GPinnixa			1		1	1
7200020199	?Golfingia bulbosa			1			
812903	Amphiuridae					1	
8129030102	Amphiodia atra						1
8791020101	Bregmaceros atlanticus					1	

Code	Organism name	A	B	C	D	E	F
34530301	GLenticulina		1				
43	Rhynchocoela				2	3	4
5001220201	Sigambra tentaculata					1	
5001220801	Parandalia ocularis						1
50012404	GNereis				1		
5001250115	Nephtys incisa	1		2	2	1	2
5001270104	Glycera americana			1			
5001280106	Glycinde nordmanni					1	
5001310113	Lumbrineris tenuis	1	1	2		1	
5001310204	Ninoe nigripes	1	1	1	2	1	2
5001410201	Aricidea suecica				1	1	
5001410214	Aricidea fragilis	1			2	3	
5001410301	Paraonis gracilis	1	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		
5001520103	Cossura delta			1	2	4	2
50015404	GDiplocirrus					2	1
5001580204	Armandia maculata	1			1	1	
5001600306	Notomastus latericeus		1	2	3		
5001600402	Mediomastus californiensis				4	3	
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	ACaridea					1	
6179140301	Automate evermanni	1			3	1	1
6189050401	Speocarcinus lobatus			1			1
6189050899	?Chasmocarcinus mississippiensis				1		
61890604	GPinnixa		1			1	
8106010502	Astropecten duplicatus				1		
8129030903	Amphioplus coniortodes			1			
8847011601	Bollmannia communis					1	

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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	Glycinde nordmanni				1		
5001310113	Lumbrineris tenuis		3				1
5001310204	Ninoe nigripes	1	3				
5001330201	Arabella iricolor			1			
5001410214	Aricidea fragilis	3					
5001410301	Paraonis gracilis	1			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	Tharyx setigera	1					
5001500307	Tharyx marioni	1					
50015404	GDiplocirrus	2					
5001580204	Armandia maculata	1	1		1	1	
5001600306	Notomastus latericeus			1			
5001600402	Mediomastus californiensis		1				
51032003	GCinqula				3	1	
5110010101	Acteon punctostriatus				1		
5110130201	Volvulella texasiana		1	1		2	
5502040213	Nuculana concentrica						1
5517020201	Corbula contracta	1		1	5		
6169020108	Ampelisca abdita	2			3		
6175	ADecapoda (arthropoda)				3		
6179140301	Automate evermanni			1			
61890604	GPinnixa	1	1	1			1
61910101	GSquilla			1			
8120	Ophiuroidea			1			
8129030903	Amphioplus coniortodes						1

790104Pw0500287 T.B MACROINFAUNA - TAXONOMY BLM287C3 12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1		1	1	1	1
5001060302	Sthenelais boa					1	
5001240103	Ceratonereis irritabilis				1		
50012404	GNereis	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				1	3	
5001600402	Mediomastus californiensis					1	
5001630103	Asychis elongata					1	
51	Gastropoda						1
5110130201	Volvulella texasiana					1	
5515471401	Agriopoma texasiana		1				
5515471501	Chione clenchi			1			
5517020201	Corbula contracta		3	2			
6189050401	Speocarcinus lobatus			1			
6189050899	?Chasmocarcinus mississippiensis					2	1
61890604	GPinnixa				2	1	1
8129030903	Amphioplus coniortodes			1	1		

790104PW2000287 T.8 MACROINFAUNA - TAXONOMY BLM287C3 12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela		2		1	1	
47051002	GSabatieria						1
5001130110	Anaitides erythrophyllus					1	
5001210103	Gyptis vittata	1					
5001220201	Sigambra tentaculata	1					
50012404	GNereis		2				
5001250115	Nephtys incisa				3	1	2
5001280106	Glycinde 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		1				1
5001580204	Armandia maculata		2		1	1	1
5001600306	Notomastus latericeus					1	
5001600402	Mediomastus californiensis				2		
51032003	GCingula				3		
5105030303	Anachis obesa	1					
5110130201	Volvulella texasiana		1				
55	Bivalvia				2		
5502040213	Nuculana concentrica				1		
5517020201	Corbula contracta	2	3	2	4	2	
6169020108	Ampelisca abdita					1	
6169330301	Listriella barnardi		1				
6179140103	Alpheus floridanus		1				1
6179140301	Automate evermanni				1	1	
61890604	GPinnixa					3	

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 brevipalpa	1					
5001220103	Ancistrosyllis jonesi	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					
51	Gastropoda	1	1				
5103230205	Vitrinella floridana		4	1			
5105030601	Nassarina glypta	1					
5105080106	Nassarius acutus		2	1			
5106040101	Terebra dislocata					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	
6177020101	Acetes americanus	3			3	7	1
61890604	GPinnixa		2			1	1
7200020199	?Golfingia bulbosa	11	19	37	27	17	10
7200030199	?Aspidosiphon albus	2	4	1	2	1	3
8129020201	Hemipholes elongata		1				
8129030903	Amphioplus coniortodes	1		1		1	

790122C 287 T.8 MACROINFAUNA - TAXONOMY BLM287C3 12/18/79 16:45:36

Code	Organism name	A	B	C	D	E	F
43	Rhynchocoela	1	3				1
47051002	GSabatieria	1					
50010218	GLepidasthenia					1	
5001060302	Sthenelais boa			1			
5001210103	Gyptis vittata	1			1		
5001220201	Sigambra tentaculata			1			2
50012404	GNereis		1	1	1	1	
5001250115	Nephtys incisa	1		1		1	
5001280106	Glycinde nordmanni			1			
5001290201	Diopatra cuprea	2	2	2	1	1	1
5001310113	Lumbrineris tenuis	2		1			1
5001430502	Prionospio cirrifera				1	1	
5001431701	Paraprionospio pinnata	1	2		2		1
5001440109	Magelona phyllisae	2	2	3	2	5	
5001500307	Tharyx marioni					3	
5001520103	Cossura delta				2		1
5001580204	Armandia maculata	1					2
5001600306	Notomastus latericeus	1		1		1	
5001630103	Asychis elongata	2		2	3	3	2
5001670208	Ampharete acutifrons					1	
51	Gastropoda					2	
5103230205	Vitrinella floridana	4	1			2	2
5502040213	Nuculana concentrica		1				
5515471401	Agriopoma texasiana				1		
6179140103	Alpheus floridanus				1		
6189050401	Speocarcinus lobatus		1	2	1		
6189050899	?Chasmocarcinus mississippiensis			1			
61890604	GPinnixa			1			
7200020199	?Golfingia bulbosa	4	13	1	3	8	7
7200030199	?Aspidosiphon albus	1		1			
8129030903	Amphioplus coniortodes	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	Rhynchocoela			2	1	1	1
5001060302	Sthenelais boa					1	
5001210103	Gyptis vittata						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
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	SMalacoceros 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		2		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	Automate evermanni					3	
618902	Xanthidae						1
61890604	GPinnixa						2
8791020101	Bregmaceros atlanticus	1					

790124C 287 T.8 MACROINFAUNA - TAXONOMY BLM287C3 12/18/79 16:45:36

Code	Organism name	A	B	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					
5001220201	Sigambra tentaculata					1	
5001250115	Nephtys incisa	5	8	7	4	6	8
5001290201	Diopatra cuprea	2		4	4		1
5001310113	Lumbrineris tenuis		1	1		2	
5001310204	Ninoe nigripes	5			2		3
5001410201	Aricidea suecica		2	1			
5001430502	Prionospio cirrifera						1
5001430510	Prionospio cristata					2	
5001431701	Paraprionospio pinnata	2	10	7	1	14	3
5001440104	Magelona rosea					1	
5001440109	Magelona 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		
5001600402	Mediomastus californiensis		2	4	2	3	
50016302020201	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	ACaridea	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
780501PE0500287	T.B	64	340	1.93	.465	.094
780501PE2000287	T.B	74	316	2.41	.559	.138
780501PN0500287	T.B	71	219	2.54	.595	.166
780501PN2000287	T.B	65	329	1.90	.455	.089
780501PS0500287	T.B	58	353	1.86	.458	.095
780501PS2000287	T.B	69	443	1.52	.359	.053
780501PW0500287	T.B	57	266	1.92	.475	.104
780501PW2000287	T.B	53	132	2.03	.510	.127
780502PE0500287	T.B	138	818	3.29	.667	.188
780502PE2000287	T.B	97	539	2.83	.618	.165
780502PN0500287	T.B	131	783	3.27	.672	.196
780502PN2000287	T.B	106	645	3.11	.666	.203
780502PS0500287	T.B	139	709	3.25	.659	.180
780502PS2000287	T.B	105	438	2.88	.619	.162
780502PW0500287	T.B	128	830	2.91	.600	.137
780502PW2000287	T.B	112	535	3.29	.697	.233
780503PE0500287	T.B	119	368	3.38	.708	.242
780503PE2000287	T.B	131	494	3.29	.675	.199
780503PN0500287	T.B	108	278	3.45	.738	.286
780503PN2000287	T.B	139	390	3.34	.677	.198
780503PS0500287	T.B	100	329	3.17	.687	.229
780503PS2000287	T.B	78	285	2.75	.632	.191
780503PW0500287	T.B	102	229	3.48	.752	.310
780503PW2000287	T.B	78	147	2.93	.672	.229
780504PE0500287	T.B	66	89	3.11	.742	.329
780504PE2000287	T.B	65	115	3.08	.737	.323
780504PN0500287	T.B	83	237	2.99	.678	.231
780504PN2000287	T.B	67	124	3.00	.714	.290
780504PS0500287	T.B	70	131	3.11	.731	.310
780504PS2000287	T.B	61	121	3.04	.740	.332
780504PW0500287	T.B	77	141	3.22	.741	.316
780504PW2000287	T.B	61	107	2.84	.691	.269
780521C 287	T.B	65	488	2.02	.485	.103
780522C 287	T.B	70	314	2.48	.584	.159
780523C 287	T.B	68	94	3.25	.770	.370
780524C 287	T.B	32	252	1.22	.353	.077

780801PE0500287	T.B	21	33	1.96	.645	.306
780801PE2000287	T.B	36	35	2.71	.756	.400
780801PN0500287	T.B	30	60	2.02	.593	.225
780801PN2000287	T.B	29	38	2.42	.719	.367
780801PS0500287	T.B	17	16	2.28	.803	.546
780801PS2000287	T.B	28	42	2.13	.641	.276
780801PW0500287	T.B	31	42	1.96	.571	.204
780801PW2000287	T.B	26	26	2.12	.652	.295
780802PE0500287	T.B	36	171	1.55	.434	.107
780802PE2000287	T.B	15	133	.55	.202	.052
780802PN0500287	T.B	29	95	1.69	.501	.157
780802PN2000287	T.B	30	137	1.48	.436	.118
780802PS0500287	T.B	16	42	1.45	.524	.218
780802PS2000287	T.B	20	109	1.35	.450	.150
780802PW0500287	T.B	34	74	1.80	.510	.153
780802PW2000287	T.B	28	51	2.31	.694	.338
780803PE0500287	T.B	66	124	3.19	.761	.358
780803PE2000287	T.B	62	106	2.78	.673	.247
780803PN0500287	T.B	58	60	3.34	.824	.480
780803PN2000287	T.B	95	165	3.37	.739	.297
780803PS0500287	T.B	56	101	3.11	.773	.390
780803PS2000287	T.B	39	50	2.76	.753	.389
780803PW0500287	T.B	58	82	3.29	.811	.454
780803PW2000287	T.B	60	134	3.04	.742	.337
780804PE0500287	T.B	46	47	2.90	.757	.380
780804PE2000287	T.B	38	42	2.67	.733	.362
780804PN0500287	T.B	63	73	3.18	.767	.371
780804PN2000287	T.B	54	84	2.79	.699	.287
780804PS0500287	T.B	51	56	3.22	.818	.479
780804PS2000287	T.B	45	56	2.45	.643	.240
780804PW0500287	T.B	47	50	3.04	.789	.431
780804PW2000287	T.B	29	33	2.37	.703	.346
780805SN0500287	T.B	21	233	1.27	.402	.117
780805SN2000287	T.B	25	265	1.25	.387	.103
780806SN0500287	T.B	17	7	2.62	.925	.796
780806SN2000287	T.B	17	11	2.43	.857	.646
780807SN0500287	T.B	20	12	2.39	.798	.523
780807SN2000287	T.B	23	11	2.75	.876	.664
780808SN0500287	T.B	26	33	2.37	.726	.386
780808SN2000287	T.B	25	24	2.34	.727	.390
780809SN0500287	T.B	30	19	2.75	.809	.505
780809SN2000287	T.B	31	15	3.05	.888	.669
780810SN0500287	T.B	18	26	2.21	.765	.478
780810SN2000287	T.B	23	31	2.33	.744	.424
780811SN0500287	T.B	32	88	2.22	.641	.265
780811SN2000287	T.B	24	56	2.11	.665	.317
780812SN0500287	T.B	25	26	2.61	.811	.526
780812SN2000287	T.B	29	42	1.96	.581	.217
780813SN0500287	T.B	11	4	2.22	.924	.817
780813SN2000287	T.B	10	6	1.81	.784	.565
780814SN0500287	T.B	55	60	3.10	.773	.391
780814SN2000287	T.B	42	33	3.10	.829	.516
780815SN0500287	T.B	44	24	3.37	.890	.653
780815SN2000287	T.B	45	25	3.38	.887	.644
780816SN0500287	T.B	32	26	2.93	.846	.572
780816SN2000287	T.B	49	80	3.10	.797	.443
780817SN0500287	T.B	40	24	3.32	.901	.687
780817SN2000287	T.B	44	22	3.27	.863	.586
780818SN0500287	T.B	52	46	3.37	.852	.549
780818SN2000287	T.B	60	77	3.53	.862	.560
780819SN0500287	T.B	50	107	2.18	.556	.159
780819SN2000287	T.B	39	124	2.02	.551	.172
780820SN0500287	T.B	36	50	2.00	.559	.183
780820SN2000287	T.B	26	52	1.89	.579	.224
780821C 287	T.B	6	7	1.47	.820	.670
780822C 287	T.B	23	30	1.86	.592	.245
780823C 287	T.B	48	60	2.99	.772	.401
780824C 287	T.B	38	35	2.98	.819	.504

790101PE0500287	T.8	44	61	2.80	.740	.359
790101PE2000287	T.8	46	80	2.54	.663	.259
790101PN0500287	T.8	35	28	2.18	.612	.330
790101PN2000287	T.8	45	52	2.66	.698	.301
790101PS0500287	T.8	46	68	2.65	.692	.292
790101PS2000287	T.8	48	57	2.69	.694	.291
790101PW0500287	T.8	27	15	2.76	.836	.567
790101PW2000287	T.8	57	13	2.82	.856	.608
790102PE0500287	T.8	51	394	1.51	.383	.070
790102PE2000287	T.8	54	189	2.04	.512	.126
790102PN0500287	T.8	54	199	1.91	.478	.108
790102PN2000287	T.8	48	78	2.81	.727	.334
790102PS0500287	T.8	51	313	1.54	.391	.073
790102PS2000287	T.8	44	281	1.67	.441	.100
790102PW0500287	T.8	43	178	2.54	.674	.277
790102PW2000287	T.8	57	163	2.42	.598	.183
790103PE0500287	T.8	48	75	2.35	.606	.201
790103PE2000287	T.8	50	65	2.96	.758	.375
790103PN0500287	T.8	53	108	2.67	.673	.259
790103PN2000287	T.8	65	196	2.68	.641	.212
790103PS0500287	T.8	41	55	2.52	.680	.287
790103PS2000287	T.8	43	33	3.29	.875	.615
790103PW0500287	T.8	64	88	3.17	.761	.361
790103PW2000287	T.8	87	165	3.06	.684	.235
790104PE0500287	T.8	31	16	3.11	.904	.711
790104PE2000287	T.8	39	19	3.33	.909	.708
790104PN0500287	T.8	48	41	3.09	.797	.444
790104PN2000287	T.8	43	45	3.18	.846	.549
790104PS0500287	T.8	37	24	3.19	.884	.648
790104PS2000287	T.8	34	17	3.21	.911	.722
790104PW0500287	T.8	23	9	2.90	.925	.780
790104PW2000287	T.8	29	11	3.01	.895	.691
790121C 287	T.8	39	184	1.92	.523	.152
790122C 287	T.8	32	24	2.86	.826	.532
790123C 287	T.8	32	15	3.21	.927	.768
790124C 287	T.8	34	36	2.78	.788	.458

MACROEPIFAUNA AND DEMERSAL FISH TAXONOMY

Code	Organism name	No.	Wgt.
375402	Pennatulidae	1	3.2
3756010101	Palythoa texaensis	5	.9
3760040101	Calliactis 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	Persephona 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	Amphioplus coniortodes	4	.2
8826020118	Prionotus rubio	2	6.4
8835360112	Lutjanus synagris	1	116.4
8847010501	Gobionellus boleosoma	1	.1

53 1 54 1
155 1
21 1

Code	Organism name	No.	Wgt.
3760040101	Calliactis tricolor	3	5.1
5001021104	Lepidonotus 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	Pagurus 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	Micropogon 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	Grachypenaeus	8	36.4
6177010202	Trachypenaeus similis	113	278.6
6177010401	Sicyonia brevirostris	3	13.4
6187020201	Leiolambrus nitidus	1	.9
6189010501	Ovalipes guadulpensis	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

13 1 18 3 41 3 42 2 43 3 44 5 46 1 47 1 49 2

42 1 51 1

80 1

23 1 43 1

13 1

13 1 15 1 16 1 21 1 23 2 31 1 34 1 35 2 36 1 37 1 38 1 40 1 41 1

45 1 51 1 54 2 62 1

Code	Organism name	No.	Wgt.
5001690101	Terebellides stroemii	1	.0
5706010102	Loligo pealeii	188	867.3
61770102	GTrachypenaeus	5	21.6
6177010202	Trachypenaeus similis	1	1.1
6179140103	Alpheus floridanus	1	.2
6187020201	Leiolambrus nitidus	3	2.5
6191010101	Squilla empusa	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 1		
8787040301	Halieutichthys aculeatus	1	2.4
	45 1		
8826020118	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		
8835360112	Lutjanus synagris	2	271.3
	163 1 184 1		
8835430102	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		
8850030301	Scomber japonicus	1	36.2
	161 1		
8851030104	Peprilus burti	1	20.1
	97 1		
8857030110	Citharichthys spilopterus	3	81.2
	115 1 116 1 133 1		
8857030201	Etropus crossotus	5	82.9
	86 1 102 1 103 1 104 1 111 1		
8857030801	Cyclopsetta chittendeni	2	76.2
	151 1 156 1		

Code	Organism name	No.	Wgt.
3743	Ceriantipatharia ceriantharia	1	.0
3756010101	Palythoa texaensis	6	.4
3760020201	Paranthus rapiformis	3	.7
43	Rhynchocoela	1	.0
500128	Goniadidae	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
17 1 18 1			
8747010502	Dorosoma petenense	1	158.0
177 1			
8747020202	Anchoa mitchilli	12	21.6
49 1 50 3 51 1 52 1 58 2 59 2 60 1 62 1			
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.
5506010301	Noetia ponderosa	10	106.5
5706010102	Loligo pealeii	112	636.1
6177010103	Penaeus setiferus	6	13.5
6187020201	Leiolambrus nitidus	1	.5
6189010302	Callinectes similis	12	36.8
8106010502	Astropecten duplicatus	1	1.9
8747020201	Anchoa hepsetus 60 1 67 1 70 3 71 1 72 2 73 1 74 1 76 1	11	33.8
8747020202	Anchoa mitchilli 46 1 49 1 52 1 55 1 56 2 58 1 60 1 62 1 64 1	10	19.9
8747020304	Anchoviella perfasciata 41 1 93 1 95 1	3	14.8
8835280102	Trachurus lathami 112 1	25	303.9
8835440106	Cynoscion arenarius 44 1	1	1.0
8857030201	Etropus crossotus 90 1	1	8.7
8861010210	Sphoeroides parvus 65 1	1	7.2

Code	Organism name	No.	wgt.
3760040101	Calliactis tricolor	3	6.4
5001021104	Lepidonotus sublevis	1	.0
5001210402	Ophiodromus 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	Pagurus 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	Leiolambrus nitidus	55	57.1
6189010302	Callinectes similis	1	28.8
6189010501	Ovalipes guadulpensis	1	2.2
6189010601	Portunus gibbesii	5	57.7
6189010603	Portunus spinicarpus	127	172.5
6191010101	Squilla empusa	4	50.4
6191010102	Squilla chydaea	15	56.7
8106010502	Astropecten duplicatus	503	361.4
8741080102	Hoplunnis macrurus	1	6.1
337 1			
8762020101	Synodus foetens	1	25.6
157 1			
8783010106	Porichthys porosissimus	7	91.8
90 1 91 1 99 2 100 1 103 1 133 1			
8787020203	Antennarius radiosus	9	52.7
31 1 36 1 40 1 42 1 43 2 49 2 52 1			
8787040301	Halieutichthys aculeatus	4	17.5
45 1 47 2 57 1			
8791031005	Urophycis cirratus	4	108.9
122 1 126 1 134 1 169 1			
8792010504	Lepophidium graellsi	4	87.9
117 1 162 1 182 1 219 1			
8826020118	Prionotus rubio	11	214.3
35 1 56 1 59 1 61 1 77 1 88 1 89 1 92 1 93 1 142 1 153 1			
8835020305	Centropristis philadelphicus	1	1.2
41 1			
8835021005	Diplectrum bivittatum	1	40.8
129 1			
8835022302	Serranus atrobranchus	9	13.8
28 1 35 1 37 1 38 2 39 1 40 1 53 2			

8835430102 Stenotomus caprinus 15
15 1 19 1 20 2 21 1 31 1 38 1 41 1 42 1 43 1 45 5
8840140301 Kathetostoma albigutta 1 2.3
40 1
8847011601 Bollmannia communis 19 38.4
39 1 41 1 43 1 44 1 45 3 47 2 48 1 49 3 53 3 54 1 56 1 57 1
8857030110 Citharichthys spilopterus 6 92.4
78 1 85 1 86 1 88 1 112 1 117 1
8857030201 Etropus crossotus 1 13.1
104 1
8857030801 Cyclopsetta chittendeni 7 374.1
158 1 162 1 164 1 166 1 167 1 173 1 179 1
8858020102 Symphurus civitatus 5 60.9
114 1 118 1 122 1 123 1 126 1

Code	Organism name	No.	Wgt.
3760040101	Calliactis 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 guadulpensis	1	3.5
6189050401	Speocarcinus lobatus	4	1.5
6191010102	Squilla chydaea	1	1.8
8106010502	Astropecten duplicatus	81	87.2
8847010501	Gobionellus boleosoma	1	.1

19 1

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	Cantharus cancellarius	5	11.7
5105080106	Nassarius acutus	1	.0
5105100201	Oliva sayana	1	3.9
5106040101	Terebra dislocata	1	.0
5515471401	Agriopoma 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	Amphioplus coniortodes	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
73 1			
8835440103	Cynoscion nothus	1	92.2
181 1			
8857030110	Citharichthys spilopterus	1	4.1
81 1			
8857030201	Etropus crossotus	1	8.8
81 1			

Code	Organism name	No.	Wat.
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
262 1 268	1 283 1		
8835280401	Chloroscombrus chrysurus	33	290.3
84 2 87	1		
8835430201	Lagodon rhomboides	1	127.4
157 1			
8835440106	Cynoscion arenarius	7	650.4
87 1 150	1 166 1 195 1 206 1 208 1 222 1		
8835440401	Leiostomus xanthurus	10	719.5
132 2 133	1 136 1 137 1 138 1 142 1 147 1 151 1 157 1		
8835440701	Micropogon undulatus	17	1171.2
138 1 139	1 142 1 143 1 144 2 146 1 148 1 149 1 151 1 152 1 157 2 161 1 162 1 165 1 175 1		
8835441001	Stellifer lanceolatus	1	42.2
123 1			
8850020201	Trichiurus lepturus	7	632.3
293 1 342	1 391 1 475 1 502 1 508 1 639 1		

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	Lithophaga bisulcata	1	.1
5515471501	Chione cienchi	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 guadulpensis	1	16.1
6189010601	Portunus gibbesii	1	2.6
6189050401	Speocarcinus lobatus	2	.1
7200030199	?Aspidosiphon albus	3	.0
7815040499	?Cupuladria biporasa	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
158 1			
8762020301	Saurida brasiliensis	4	16.2
75 1 76 2 77 1			
8787040301	Halieutichthys aculeatus	9	32.2
29 1 30 1 38 2 47 2 48 2 53 1			
8826020118	Prionotus rubio	2	15.0
65 1 73 1			
8835021005	Diplectrum bivittatum	10	305.3
107 1 109 1 111 3 112 3 114 1 116 1			
8857030801	Cyclopsetta chittendeni	2	19.6
83 1 84 1			

Code	Organism name	No.	Wgt.
5515471012	Pitar cordatus	1	13.0
6161060601	Nerocila acuminata	1	.6
6177010101	Penaeus aztecus	4	57.8
6187020201	Leiolambrus nitidus	3	2.2
6189010302	Callinectes similis	4	130.6
6189010601	Portunus gibbesii	6	28.8
6191010101	Squilla empusa	3	27.9
8106010502	Astropecten duplicatus	119	128.6
8747010601	Etrumeus teres 88 3 89 1 90 6 91 3 92 2 93 1 94 2 95 3 96 1	90	643.8
8747011003	Sardinella anchovia 106 1 109 1 114 1	3	44.1
8747020201	Anchoa hepsetus 117 3 118 5 119 3 120 4 121 4 122 1 123 2 124 2 128 1	127	1722.1
8747020206	Anchoa nasuta 25 1 62 1	2	2.4
8747020304	Anchoviella perfasciata 51 1 57 1 60 1 65 1 66 1 68 2 69 1 70 1 71 1 72 2 73 1 74 1	14	43.0
8762020101	Synodus foetens 186 1	1	58.7
8762020301	Saurida brasiliensis 67 1 85 1	2	7.6
8787040301	Halieutichthys aculeatus 44 1 46 1 50 1	3	12.8
8826020118	Prionotus rubio 61 1 97 1 107 1 118 1 123 1	5	138.7
8835021005	Diplectrum bivittatum 66 1 111 1 112 1 125 1	4	107.7
8835022302	Serranus atrobranchus 58 1 59 1	2	7.8
8835280102	Trachurus lathami 89 1 103 1 105 1 106 2 108 1 110 2 112 1 115 1 127 1	11	178.2
8835360107	Lutjanus campechanus 56 1	1	4.6
8835430102	Stenotomus caprinus 79 2 80 1 81 1 82 1 83 3 84 1 86 1	38	595.3
8835440401	Leiostomus xanthurus 146 1	1	81.4
8835440701	Micropogon undulatus 127 1 131 1 136 1 137 1 140 1 142 2 143 1 145 1 148 1 156 1 161 1 171 1 190 1 193 1	15	1059.1
8850030501	Scomberomorus cavalla 234 1	1	113.3
8851030104	Peprilus burti 75 1 76 1 82 1 83 1 127 1	5	122.3
8857030110	Citharichthys spilopterus 110 1	1	20.6
8857030201	Etropus crossotus 87 1 97 1 98 1 102 1	4	65.3
8857030801	Cyclopsetta chittendeni 76 1 147 1	2	55.2
8857031301	Syacium gunteri 117 1 120 1	2	60.1
8858020102	Symphurus civitatus 112 1 115 1	2	26.8

Code	Organism name	No.	Wgt.
510501080101	Thais haemastoma floridana	1	12.5
6177010101	Penaeus aztecus	2	17.9
6177010103	Penaeus setiferus	175	3513.1
6177020101	Acetes americanus	3	.1
6183060701	Clibanarius vittatus	1	2.3
6189010301	Callinectes sapidus	1	147.1
8747020201	Anchoa hepsetus	1	4.2
67 1			
8747020202	Anchoa mitchilli	93	46.5
49 1 50 2 51 1 52 2 54 1			
8747020206	Anchoa nasuta	1	.2
30 1			
8777180101	Bagre marinus	34	732.0
107 2 108 1 110 1 111 2 112 1 115 1 124 2 126 1 136 1 144 1			
8777180202	Arius felis	33	3171.0
210 1 211 1 212 1 223 1 224 1 231 1 243 2 247 1 267 1 274 1 281 1			
8826020118	Prionotus rubio	2	6.6
52 1 54 1			
8835280401	Chloroscombrus chrysurus	14	82.0
60 1 63 1 64 1 67 3 70 1 71 3 72 1 73 1 75 1 77 1			
8835281001	Vomer setapinnis	7	11.4
25 1 29 2 34 1 43 2 53 1			
8835440106	Cynoscion arenarius	23	226.7
109 1 124 1 129 1			
8835440401	Leiostomus xanthurus	2	109.1
119 1 138 1			
8835440601	Menticirrhus americanus	1	46.6
143 1			
8835440701	Micropogon undulatus	39	1601.3
138 2 145 1 151 1 190 1 217 1			
8835520101	Chaetodipterus faber	2	26.2
28 1 78 1			
8838010101	Polydactylus octonemus	6	176.1
104 1 106 1 108 2 120 1 133 1			
8850020201	Trichiurus lepturus	31	456.0
607 1			
8851030102	Peprilus paru	2	56.3
73 1 90 1			
8857030110	Citharichthys spilopterus	1	4.4
75 1			

Code	Organism name	No.	Wat.
5001250115	Nephtys incisa	1	.0
5515310122	Macoma tageliformis	31	296.4
5515471012	Pitar cordatus	4	82.1
5515471401	Agriopoma texasiana	1	6.6
5706010102	Loligo pealeii	2	30.1
5706010201	Lolliguncula 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 vioscai	1	.7
6179140103	Alpheus floridanus	31	31.1
6186020102	Calappa sulcata	2	186.9
6186020201	Hepatus epheliticus	2	71.7
6186030102	Persephona 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 empusa	85	1305.4
6191010102	Squilla chydaea	388	2195.9
8741040102	Hoplunnis macrurus	2	5.6
8747020202	Anchoa mitchilli	1	.3
8762020301	Saurida brasiliensis	1	5.6
8777180202	Arius felis	3	381.7
8787020203	Antennarius radiosus	4	29.8
8787040301	Halieutichthys aculeatus	1	6.2
8791020101	Hremaceros atlanticus	2	.2
8791031005	Urophycis cirratus	9	260.7
8792010401	Brotula barbata	3	144.3
8835021005	Diplectrum bivittatum	41	374.2
8835022302	Serranus atrobranchus	7	20.3
8835280401	Chloroscombrus chrysurus	4	21.3
8835360701	Pristipomoides 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 1 121 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 tageliformis	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	Leiolambrus nitidus	61	100.0
6189010603	Portunus spinicarpus	187	1455.4
6189050401	Speocarcinus lobatus	2	1.3
6191010101	Squilla empusa	6	86.5
6191010102	Squilla chydaea	41	277.9
8762020101	Synodus foetens	4	469.1
161 1 220	1 247 1 271 1		
8762020301	Saurida brasiliensis	17	64.1
58 1 60	3 62 1 67 1 68 1 70 2 71 3 73 2 75 1 78 1 111 1		
8787020203	Antennarius radiosus	8	91.3
45 1 48	1 50 2 52 1 53 1 55 1 58 1		
8787040301	Halieutichthys aculeatus	1	9.0
62 1			
8826020114	Prionotus paralatus	3	34.1
73 1 82	1 90 1		
8826020118	Prionotus rubio	8	347.1
82 1 86	1 87 1 91 1 97 1 146 1 153 1 166 1		
8826020121	Prionotus stearnsi	3	28.1
72 1 78	1 80 1		
8835020305	Centropristis philadelphicus	15	636.7
76 1 81	1 82 2 84 1 87 1 91 1 92 1 95 1 96 1 98 1 99 1 175 2 205 1		
8835022302	Serranus atrobranchus	13	288.0
62 1 79	1 87 1 91 1 92 1 93 1 96 2 98 1 101 2 102 1 105 1		
8835170101	Priacanthus arenatus	1	27.9
97 1			
8835280102	Trachurus lathami	8	156.1
108 1 111	1 113 2 115 1 116 1 117 1 119 1		
8835360701	Pristipomoides aquilonaris	2	3.5
37 1 48	1		
8835430102	Stenotomus caprinus	5	69.4
70 1 71	1 72 1 73 1 79 1 -		
8835430201	Lagodon rhomboides	1	94.3
153 1			
8847010?	GMicrogobius	1	.3
23 1			
8851030104	Peprilus burti	2	130.4
129 1 131	1		
8857030801	Cyclopsetta chittendeni	6	498.3
171 1 172	1 177 1 178 1 180 1 189 1		
8857031301	Syacium gunteri	2	103.8
131 1 142	1		
8858010303	Gymnachirus texae	1	7.6
62 1			

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	Speocarcinus lobatus	12	16.4
6191010102	Squilla chydaea	1	.1
8826020118	Prionotus rubio	1	10.6

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	281.6
5706010102	Loligo pealeii	20	236.1
6177010101	Penaeus aztecus	8	382.7
6177010501	Parapenaeus longirostris	9	14.7
6177010602	Solenocera vioscai	12	92.7
6179140103	Alpheus floridanus	3	.3
6183060105	Paguristes oxyophthalmus	1	.1
6183120501	Porcellana sigsbeiana	2	1.6
6186030201	Myropsis quinquespinosa	1	11.6
6186040201	Raninoides 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	Pseudorhombila quadridentata	9	126.2
6191010101	Squilla empusa	2	47.4
6191010102	Squilla chydaea	13	115.2
8106010502	Astropecten duplicatus	16	86.1
8762020101	Synodus foetens	1	237.0
8762020301	Saurida brasiliensis	1	3.0
8787020203	Antennarius radiosus	46	757.6
8787040301	Halieutichthys aculeatus	83	357.0
8791031005	Urophycis cirratus	3	192.3
8791031007	Urophycis floridanus	1	77.0
8792010504	Lepophidium graellsi	1	56.5
8826020118	Prionotus rubio	9	288.0
8826020121	Prionotus stearnsi	1	34.4
8835020305	Centropristis philadelphicus	5	721.2
8835021005	Diplectrum bivittatum	3	83.3
8835360701	Pristipomoides aquilonaris	2	2.7

Code	Organism name	No.	Wgt.
3760020201	Paranthus rapiformis	18	.0
5001030201	Polyodontes 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	Oliva sayana	4	27.3
6183061201	Petrochirus diogenes	2	20.0
6187019999	?Coelocerus spinosus	2	4.3
6191010101	Squilla empusa	1	2.8

Code	Organism name	No.	Wgt.
3760040101	Calliactis tricolor	2	.1
5001021105	Lepidonotus variabilis	1	.0
5001730902	Hydroides 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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Code	Organism name	No.	Wgt.
5103780301	Distorsio clathrata	3	8.2
5105040401	Cantharus cancellarius	18	65.4
5506010301	Noetia ponderosa	10	32.8
5515471501	Chione clenchi	1	3.8

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 nigripes	1	.0
5105030501	Cosmioconcha calliglypta	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	Calappa sulcata	2	188.7
6186020201	Hepatus epheliticus	2	132.7
6186040201	Raninoides louisianensis	3	44.1
6187011701	Stenorynchus 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 chydaea	369	2261.7
8747020201	Anchoa hepsetus 111 1 117 1	2	35.5
8762020301	Saurida brasiliensis 75 3 76 3 77 1 78 1 80 3 85 1 86 1	43	147.6
8787020203	Antennarius radiosus 40 1	1	6.3
8792010401	Brotula barbata 190 1 195 1	2	128.4
8835020305	Centropristis philadelphicus 59 1 63 1 65 1 67 1 75 1 161 1	6	139.3
8835021005	Diplectrum bivittatum 55 1 67 1 72 1 75 1 83 1	5	45.3
8835022302	Serranus atrobranchus 50 1 52 1	2	6.8
8835281202	Decapterus punctatus 126 1	1	20.8
8835360501	Rhomboplites aurorubens 37 1 46 2	3	5.7
8835440701	Micropogon undulatus 162 1 175 1	2	197.6
8847011601	Bollmannia communis 60 3 62 2	41	121.1

8851030104 Peprilus burti 1 31.2
104 1
8857030110 Citharichthys spilopterus 10 138.9
85 1 88 1 96 2 97 1 100 2 101 1 103 1 106 1
8857030304 Paralichthys lethostigma 1 176.3
222 1
8857030801 Cyclopsetta chittendeni 15 149.2
52 1 61 1 65 1 67 1 70 2 71 1 72 1 73 1 86 1 93 1 95 1 98 1 108 1 113 1
8858010303 Gymnachirus texae 3 19.5
52 1 54 1 59 1
8858020101 Symphurus plagiusa 4 55.7
102 1 107 1 115 1 121 1

3760040101	Calliactis tricolor	2	7.4
5001240103	Ceratonereis irritabilis	4	.0
500163	Maldanidae	2	.0
5001690101	Terebellides stroemii	1	.0
5706010102	Loligo pealeii	80	992.3
6177010101	Penaeus aztecus	12	127.1
6177010202	Trachypenaeus similis	1	4.9
6177010402	Sicyonia dorsalis	13	46.1
6183120502	Porcellana sayana	1	.9
6187020201	Leiolambrus nitidus	1	1.8
6189010302	Callinectes similis	96	1672.0
8106010502	Astropecten duplicatus	584	741.0
8179010103	Molpadia cubana	2	6.5
8747020206	Anchoa nasuta	5	6.3
	50 1 53 2 64 1 65 1		
8747020304	Anchoviella perfasciata	10	43.8
	61 1 66 1 67 1 74 1 75 1 76 1 77 1 78 1 80 1 82 1		
8762020101	Synodus foetens	10	195.1
	113 1 114 1 117 1 118 1 119 1 133 1 135 1 147 1 152 1 168 1		
8762020301	Saurida brasiliensis	6	28.4
	65 1 75 2 82 1 86 1 101 1		
8783010106	Porichthys porosissimus	11	147.0
	86 1 90 1 97 2 98 1 102 3 106 2 111 1		
8787040301	Halieutichthys aculeatus	27	94.3
	34 2 35 2 36 3 37 5 38 2 39 1 40 3 41 1 50 1 51 1 52 1 53 3 56 1 57 1		
8826010606	Scorpaena calcarata	1	11.0
	71 1		
8826020113	Prionotus ophryas	2	7.4
	56 1 60 1		
8826020118	Prionotus rubio	106	931.2
	77 5 78 7 79 3 80 3 81 3 82 2 83 1 87 1 91 1 96 1		
8835020305	Centropristis philadelphicus	7	224.6
	111 1 112 2 116 1 117 1 118 1 122 1		
8835021005	Diplectrum bivittatum	3	15.5
	52 1 54 1 70 1		
8835280102	Trachurus lathami	2	27.5
	102 1 105 1		
8835281202	Decapterus punctatus	15	161.9
	82 1 87 1 91 1 93 1 95 3 97 1 100 2 103 2 105 1 106 1 107 1		
8835430102	Stenotomus caprinus	449	4345.6
	73 11 74 2 75 3 76 4 77 2 78 2 79 2 80 1		
8835440103	Cynoscion nothus	1	66.5
	165 1		
8851030104	Peprilus burti	1	1.7
	37 1		
8857030110	Citharichthys spilopterus	8	90.0
	40 1 80 1 91 1 92 1 96 1 97 1 101 1 114 1		
8857030201	Etropus crossotus	80	781.3
	83 1 84 1 85 3 86 1 88 1 90 3 91 1 92 2 93 1 95 2 96 2 97 1 101 1		
8857030801	Cyclopsetta chittendeni	10	121.5
	75 1 77 1 89 1 96 2 97 1 102 1 103 1 104 1 112 1		
8857031301	Syacium gunteri	101	466.3
	77 5 78 7 79 3 80 3 81 2 82 1 83 1		
8858020101	Symphurus plagiusa	1	14.9
	117 1		
8861010210	Sphoeroides parvus	6	21.4
	38 1 40 2 42 1 47 1 51 1		

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Code	Organism name	No.	Wgt.
5001630103	Asychis elongata	3	.0
5103770101	Sconsia striata	1	10.1
5105040501	Antillophos candei	1	1.3
5106021201	Polystira tellea	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 sigsbeiana	1	.2
6186010101	Ethusa microphthalma	1	3.7
6186020102	Calappa sulcata	1	403.5
6186020401	Acanthocarpus alexandri	3	29.2
6186030201	Myropsis quinquespinosa	3	9.7
6186040201	Raninoides louisianensis	1	20.3
618701	Majidae	1	1.4
6187011901	Podochela lamelligera	1	3.1
6187012001	Anasimus latus	24	241.5
6187020201	Leiolambrus nitidus	4	5.6
6189010603	Portunus spinicarpus	110	601.0
61890214	GPilumnus	1	3.4
6191010102	Squilla chydaea	1	4.6
8106010303	Psilaster 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 radiosus	2	31.0
8787040106	Ogcocephalus radiatus	4	65.1
8787040301	Halieutichthys 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 1

8835360701 Pristipomoides aquilonaris — 3 309.3
153 1 154 1 185 1

8835430102 Stenotomus caprinus — 9 590.6
65 1 111 1 116 1 118 1 119 1 121 1 123 1 131 1 132 1

8835430201 Lagodon rhomboides — 1 152.8
196 1

8835441206 Equetus umbrosus — 1 174.9
195 1

8840140301 Kathetostoma albigutta — 4 140.7
70 1 87 1 97 1 115 1

8857031404 Trichopsetta ventralis — 19 313.9
121 1 123 1 138 1 144 1

Code	Organism name	No.	Wgt.
43	Rhynchocoela	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	Loligo 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 sigsbeana	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	Leiolambrus nitidus	4	4.7
6189010302	Callinectes similis	69	1373.2
6189010601	Portunus gibbesii	2	11.6
6191010101	Squilla empusa	2	29.5
6191010102	Squilla chydaea	23	143.7
8106010303	Psilaster cassiope	1	23.2
8106010502	Astropecten duplicatus	14	12.1
8762020101	Synodus foetens	7	493.4
8762020301	Saurida brasiliensis	2	3.9
8783010106	Porichthys porosissimus	2	26.2
8787040301	Halieutichthys aculeatus	1	5.1
8826020118	Prionotus rubio	13	124.0
8826020121	Prionotus stearnsi	3	13.9
8835021005	Diplectrum bivittatum	5	24.6
8835022302	Serranus atrobranchus	4	38.7
8835280102	Trachurus lathami	1	18.4
8835430102	Stenotomus caprinus	24	248.6
8847011601	Bollmannia communis	15	63.3
8857030110	Citharichthys spilopterus	8	82.1

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8857030201   Etropus crossotus                                                    1   11.9
  93   1
8857030801   Cyclopsetta chittendeni                                              8  441.8
  50   1  66   2  80   1 101   1 187   1 206   1 213   1
8857031301   Syacium gunteri                                                     15  406.6
  85   1  95   1  98   1  99   1 100   1 102   1 110   1 111   1 116   1 121   1 123   1 126   2 128   1 129   1
8858010303   Gymnachirus texae                                                    3   16.3
  56   2  62   1
8858020101   Symphurus plagiusa                                                   6   84.0
 111   1 112   1 116   2 117   1 126   1
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Code	Organism name	No.	Wgt.															
43	Rhynchocoela	1	.0															
50010101	GAphrodita	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	Penaeus aztecus	7	468.3															
6177010401	Sicyonia brevirostris	2	17.4															
6179170102	Processa 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 chydaea	3	13.6															
8106010303	Pallaster cassiope	1	182.7															
8106010502	Astropecten duplicatus	18	155.4															
8179010103	Molpadia cubana	1	.0															
8401	Ascidiacea	1	.1															
8406010511	Styela plicata	1	3.6															
8713040133	Raja texana	1	448.7															
451 1																		
8762020101	Synodus foetens	16	2148.4															
208 1 224	1 227 1 232 1 237 2 238 1 241 1 246 1 248 1 249 2 250 1 258 1 265 1 321 1																	
8762020104	Synodus poeyi	3	20.0															
68 1 94	1 97 1																	
8762020301	Saurida brasiliensis	17	52.3															
52 1 56	1 57 1 61 1 62 2 63 3 66 2 76 1 77 1 83 1 85 1 91 1 98 1																	
8787020203	Antennarius radiosus	3	47.1															
55 1 58	1 64 1																	
8787040106	Ogcocephalus radiatus	6	105.8															
68 1 74	1 77 1 80 1 87 1 93 1																	
8787040301	Halieutichthys aculeatus	25	151.8															
47 1 48	1 49 1 51 1 52 1 53 2 54 5 55 7 56 1 57 2 59 1 61 1 62 1																	
8791031005	Urophycis cirratus	4	268.3															
139 1 183	1 202 1 211 1																	
8826020114	Prionotus paralatus	14	233.7															
59 1 72	1 73 1 76 2 86 1 87 1 89 1 91 1 93 1 103 1 117 1 127 1 128 1																	
8826020118	Prionotus rubio	23	959.3															
142 1 144	1 146 1																	
8826020121	Prionotus stearnsi	43	383.2															
79 1 80	4 81 2 85 2 86 4 89 1 92 1 100 1 103 1																	
8835020305	Centropristis philadelphicus	14	819.6															
73 1 75	1 120 1 122 1 125 1 126 2 129 1 131 1 137 1 147 1 152 1 157 1 204 1																	
8835022302	Serranus atrobranchus	16	292.9															
69 1 83	2 86 2 87 1 89 3 90 1 91 2 92 1 94 1 96 1 97 1																	
8835360701	Pristipomoides aquilonaris	3	89.2															
42 1 88	1 151 1																	
8835430102	Stenotomus caprinus	16	880.4															
98 1 101	2 102 1 104 1 106 1 107 3 109 1 112 1 122 1 126 1 128 1 132 2																	
8840140301	Kathetostoma albigutta	7	318.4															
85 1 87	1 91 1 103 1 115 1 123 1 138 1																	
8857030110	Citharichthys spilopterus	25	652.3															
137 1 140	2 143 1 144 1 179 1																	

8857030201	Etropus crossotus		2	7.9
66 1 67	1			
8857030503	Ancylopsetta dilecta		2	45.7
89 1 126	1			
8857030801	Cyclopsetta chittendeni		2	219.3
194 1 212	1			
8858010303	Gymnachirus texae		1	5.5
66 1				
8858020102	Symphurus civitatus		1	15.9
120 1				

3760040101	Calliactis tricolor	2	7.1
43	Rhynchocoela	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	GSquilla	2	.1
6191010102	Squilla chydaea	1	.6
8106010502	Astropecten duplicatus	85	153.6
8162040301	Schizaster orbignyanus	131	930.3
8783010106	Porichthys porosissimus	7	171.9
103 1 106 1 109 1 112 1 121 1 142 2			
8787040301	Halieutichthys aculeatus	1	2.8
41 1			
8826020118	Prionotus rubio	2	21.2
72 1 87 1			
8835280401	Chloroscombrus chrysurus	1	.6
30 1			
8847011601	Bollmannia communis	2	7.0
50 1 62 1			
8857030201	Etropus crossotus	1	7.2
77 1			
8857031301	Syacium gunteri	2	2.5
41 1 42 1			

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 capriscus	1	62.2

Code	Organism name	No.	Wgt.
5001021105	Lepidonotus variabilis	2	.0
5001630103	Asychis elongata	1	.0
5105011001	Murex fulvescens	5	1024.9
5105040401	Cantharus cancellarius	8	20.3
5506010202	Anadara ovalis	4	50.2
5515471501	Chione clenchi	5	33.5
6183060232	Pagurus pollicaris	1	2.1
6183060236	Pagurus brevidactylus	2	.6
618701	Majidae	2	4.0
6189021301	Menippe mercenaria	1	6.5
6191010101	Squilla empusa	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	Arius 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	Micropogon undulatus	31	2081.9
8835441001	Stellifer lanceolatus	2	82.8
8838010101	Polydactylus octonemus	3	32.4
8850020201	Trichiurus lepturus	9	448.7
8857030110	Citharichthys spilopterus	6	57.9

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Code	Organism name	No.	Wgt.
50017501	Grubeulepis	1	1.1
5103500301	Amaea 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

Code	Organism name	No.	Wgt.
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	Leptochela bermudensis	1	.0
6179140103	Alpheus floridanus	4	.7
6187010902	Libinia emarginata	1	120.8
6187020201	Leiolambrus 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 chydaea	83	390.0
8106010502	Astropecten duplicatus	2618	2505.7
8179010103	Molpadia cubana	1	20.1
8762020301	Saurida brasiliensis	22	68.0
88 1			
8783010106	Porichthys porosissimus	4	64.2
107 2 112 1 118 1			
8787040301	Halieutichthys aculeatus	27	95.8
27 1 35 1 36 1 38 1 45 5 46 4 47 4 48 1 49 1 50 1 51 4 52 1 53 2 55 1 56 1			
8792010401	Brotula barbata	4	130.8
156 1 170 1 192 1 202 1			
8826020118	Prionotus rubio	18	126.4
57 1 60 1 61 1 64 1 69 1 71 1 72 1 77 1 78 1 80 3 81 1 91 1			
8835020305	Centropristis philadelphicus	3	13.8
56 1 61 1 68 1			
8835021005	Diplectrum bivittatum	38	165.3
61 1 123 1			
8835360701	Pristipomoides aquilonaris	5	8.6
36 1 38 1 41 1 42 1 44 1			
8835430102	Stenotomus caprinus	44	193.2
54 1 55 1 56 1 57 3 59 1 60 1 74 2			
8840020102	Lonchopisthus lindneri	1	4.7
72 1			
8847011601	Bollmannia communis	19	48.0
41 1 46 1 47 1 52 1 53 2 54 1 55 3 57 2 58 3 59 1 60 1 61 1 63 1			
8857030110	Citharichthys spilopterus	1	4.6
75 1			
8857030201	Etropus crossotus	14	142.2
80 1 83 1 84 1 85 1 86 2 88 1 90 2 91 1 95 1 97 1 99 1 100 1			
8857030801	Cyclopsetta chittendeni	7	12.0
41 1 58 1 61 1 62 2 63 1			
8857031301	Syacium gunteri	6	118.7
89 1 102 1 103 1 107 1 108 1 123 1			
8858010303	Gymnachirus texae	5	12.2
37 1 50 1 51 1 54 1 57 1			
8858020102	Symphurus civitatus	4	28.5
91 1 98 1 104 1 110 1			
8861010101	Lagocephalus laevigatus	1	5.0
57 1			

3743	Ceriantipatharia ceriantharia	1	52.8
5001290201	Diopatra cuprea	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 1		
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		

Code	Organism name	No.	Wgt.
5105010801 01	Thais haemastoma floridana	1	.4
5105040401	Cantharus cancellarius	3	6.8
6177010103	Penaeus setiferus	2	32.8
6186020102	Calappa sulcata	1	4.2
6186020201	Hepatus epheliticus	1	46.5
6186030102	Persephona crinita	6	13.2
6189010601	Portunus gibbesii	12	76.9
6189020602	Hexapanopeus paulensis	2	.0
6189021301	Menippe mercenaria	1	.3
6191010101	Squilla empusa	2	14.9
8777180202	Arius felis	1	168.4
229 1			
8787040301	Halieutichthys aculeatus	1	5.0
46 1			
8835280401	Chloroscombrus chrysurus	1	20.0
107 1			
8835440103	Cynoscion nothus	8	217.9
88 1 105 1 107 1 108 1 112 1 122 1 129 1 133 1			
8835440401	Leiostomus xanthurus	2	213.4
164 1 175 1			
8835440701	Micropogon undulatus	3	348.5
164 1 190 1 195 1			
8835441001	Stellifer lanceolatus	1	35.5
106 1			
8857030110	Citharichthys spilopterus	6	58.1
79 1 82 1 84 2 90 1 91 1			
8857030201	Etropus crossotus	14	223.2
78 1 82 2 87 2 89 1 90 1 98 1 100 1 103 1 106 1 107 1 115 1 116 1			
8857031301	Syacium gunteri	6	30.0
57 1 63 1 66 1 67 2 69 1			
8858020101	Symphurus plagiusa	6	100.1
111 1 117 1 119 1 122 1 125 2			
8861010210	Sphoeroides parvus	2	10.0
46 1 53 1			

Code	Organism name	No.	Wgt.
3760040101	Calliactis 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
	117 1 19 1		
8777180202	Arius felis	7	59.2
	69 1 73 1 76 2 77 1 79 1 80 1		
8787040301	Halieutichthys aculeatus	2	5.5
	40 1 45 1		
8791031007	Urophycis floridanus	1	14.1
	96 1		
8826020104	Prionotus tribulus	2	16.2
	49 1 74 1		
8835440601	Menticirrhus americanus	3	172.7
	112 1 133 1 186 1		
8835440801	Pogonias cromis	1	3903.0
	540 1		
8835520101	Chaetodipterus faber	1	3.5
	39 1		
8857030201	Etropus crossotus	8	43.8
	62 1 64 1 65 1 66 3 70 1 75 1		
8858020101	Symphurus plagiusa	2	36.6
	116 1 124 1		
8861010210	Sphoeroides parvus	1	11.1
	67 1		

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	GOcenebra	1	.1
5105011001	Murex fulvescens	1	3.2
5105040401	Cantharus cancellarius	8	.6
5105090201	Fasciolaria lilium	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 sigsbeiana	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
272 1 280 1			
8777180202	Arius felis	8	1927.6
226 1 229 1 238 1 242 1 247 1 250 1 252 1 265 1			
8787040401	GOgcocephalus	2	2.5
25 1 40 1			
8787040301	Halieutichthys aculeatus	281	1123.1
47 39 48 26 49 19 50 19 51 6 52 5 53 3 54 1 55 4 56 1			
8792010504	Lepophidium graellsi	2	63.8
197 1 201 1			
8826010606	Scorpaena calcarata	7	31.8
35 1 40 1 41 1 43 1 50 1 51 1 70 1			
8826020118	Prionotus ruhio	30	2176.3
164 1 169 1 173 1 175 1 182 1 183 1 203 1			
8826020121	Prionotus stearnsi	1	.1
18 1			
8835021002	Diplectrum formosum	1	107.0
182 1			
8835021005	Diplectrum bivittatum	9	113.3
59 1 65 1 70 1 71 2 76 1 89 1 106 1 110 1			
8835260101	Rachycentron canadum	1	361.4
341 1			
8835360107	Lutjanus campechanus	5	79.6
56 1 63 1 64 1 73 1 110 1			

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 1 66.0
143 1
8835430102 Stenotomus caprinus 36 736.0
82 1 84 1 85 1 88 1 89 2 100 1 106 1 109 1
8835440106 Cynoscion arenarius 1 123.8
207 1
8835440401 Leiostomus xanthurus 20 1771.6
190 1
8835440501 Larimus fasciatus 1 82.0
149 1
8835440601 Menticirrhus americanus 1 291.0
255 1
8835440701 Micropogon undulatus 14 1428.3
150 1 152 1 157 1 159 1 162 3 164 1 168 1 170 1 171 1 172 1 186 1 214 1
8835441206 Equetus umbrosus 1 24.4
109 1
8835520101 Chaetodipterus faber 9 645.7
81 1 90 2 96 1 97 1 103 2 115 1 130 1
8850020201 Trichiurus lepturus 1 118.3
562 1
8857030201 Etropus crossotus 19 360.9
84 1 87 1 92 2 94 1 95 1 97 1 98 2 101 1 102 1 104 2 107 1 109 1 110 2 111 1 114 1
8857030801 Cyclopsetta chittendeni 1 82.1
177 1
8857031301 Syacium gunteri 30 313.5
93 1 99 1 100 1 104 1 109 2 112 1 117 1 125 1 127 1
8858020101 Symphurus plagiusa 2 26.4
112 1 113 1
8860020201 Balistes capriscus 1 46.9
114 1
8861010210 Sphoeroides parvus 41 255.3
61 1 62 1 63 1

Code	Organism name	No.	Wgt.
6177010101	Penaeus aztecus	6	100.2
6177010401	Sicyonia brevirostris	1	8.4
6187020201	Leiolambrus nitidus	1	.9
6189010302	Callinectes similis	2	53.4
6189010601	Portunus gibbesii	10	100.2
6191010101	Squilla empusa	3	40.0
8106010502	Astropecten duplicatus	90	109.3
8777180202	Arius felis	1	226.7
8787040301	Halieutichthys aculeatus	21	104.3
8826020118	Prionotus rubio	8	519.0
8835020305	Centropristis philadelphicus	1	77.0
8835021005	Diplectrum bivittatum	1	40.6
8835360107	Lutjanus campechanus	5	168.5
8835390102	Eucinostomus gula	1	16.9
8835430102	Stenotomus caprinus	7	102.0
8835440401	Leiostomus xanthurus	4	311.0
8835440501	Larimus fasciatus	11	809.6
8835440701	Micropogon undulatus	244	6032.3
8835520101	Chaetodipterus faber	1	57.5
8857030110	Citharichthys spilopterus	5	45.2
8857030201	Etropus crossotus	8	130.7
8857030801	Cyclopsetta chittendeni	3	108.5
8857031301	Syacium gunteri	13	191.5
8858020102	Symphurus civitatus	2	24.0
8861010210	Sphoeroides parvus	1	10.0

Code	Organism name	No.	Wat.
3760040101	Calliactis 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	GTrachypenaeus	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 plagiusa	10	160.7
8861010210	Sphoeroides 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
6183060232	Pagurus pollicaris	1	2.9
6186020201	Menatus ephelíticus	1	18.1
6189010302	Callinectes similis	7	82.8
6191010101	Squilla empusa	1	5.8
8777180202	Arius felis	15	129826.8
302 1 321 1			
8787040301	Halieutichthys aculeatus	11	44.2
36 1 38 1 40 1 41 1 42 1 43 2 44 1 45 1 46 1 47 1			
8835440103	Cynoscion nothus	4	250.0
116 1 160 1 167 1 170 1			
8835440301	Bairdiella chrysura	1	48.4
131 1			
8835440401	Leiostomus xanthurus	17	1231.7
125 1 126 1 128 1 132 1 133 2 135 2 146 1 151 1 153 2 156 1 158 1 163 1 174 1 178 1			
8835440601	Menticirrhus americanus	1	275.3
257 1			
8835440701	Micropogon undulatus	74	5497.6
152 5 153 2 154 1 155 4 156 4 157 2 158 2 159 1 160 5 164 2 165 1 168 1 172 2 193 1			
8835441001	Stellifer lanceolatus	1	20.3
91 1			
8838010101	Polydactylus octonemus	2	144.9
135 1 165 1			
8857030110	Citharichthys spilopterus	3	26.6
83 1 85 1 87 1			
8857030201	Etropus crossotus	30	125.3
88 1 89 1 90 1 91 1 98 1 102 1 103 1 105 1 109 1 110 2			
8857031301	Syacium gunteri	2	12.0
71 1 78 1			
8858010303	Gymnachirus texae	1	20.3
86 1			
8858020101	Symphurus plagiusa	1	13.0
109 1			
8858020102	Symphurus civitatus	4	45.2
99 1 104 1 111 1 117 1			

Code	Organism name	No.	Wgt.	
5106040101	Terebra dislocata	1	.0	
5515471012	Pitar cordatus	1	37.2	
5517020201	Corbula contracta	1	.0	
5706010201	Lolliguncula 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	
874117	Dysommidae	1	.1	50 1
8762020101	Synodus foetens	13	1390.2	170 1 180 1 191 1 198 1 212 2 227 1 235 1 238 1 263 1 266 1 276 1 292 1
8762020301	Saurida brasiliensis	1	4.2	82 1
8783010106	Porichthys porosissimus	1	18.2	106 1
8787040301	Halieutichthys aculeatus	1	4.5	55 1
8826010606	Scorpaena calcarata	2	27.5	77 1 79 1
8826020118	Prionotus rubio	59	2154.4	127 1 130 1 132 1 135 1 140 1 146 1 156 1 158 1
8835020305	Centropristis philadelphicus	15	216.7	70 1 71 1 76 1 83 2 85 4 87 1 90 1 92 1 96 1 97 1 104 1
8835021005	Diplectrum bivittatum	14	301.7	84 1 87 1 92 1 97 1 98 1 100 2 101 2 102 2 114 1 118 1 119 1
8835280102	Trachurus lathami	1	16.0	110 1
8835360107	Lutjanus campechanus	1	42.6	125 1
8835430102	Stenotomus caprinus	16	365.0	69 2 70 1 71 1 77 1 78 2 80 1 81 1 82 1 83 2 88 1 89 1 91 1 96 1
8835440106	Cynoscion arenarius	22	1969.3	198 1 201 1 202 1 206 1 208 2
8835440401	Leiostomus xanthurus	21	1752.6	140 2 143 3 147 1 150 1 151 2 152 4 153 1 154 1 159 1 160 1 162 1 164 1 169 1 172 1
8835440601	Menticirrhus americanus	1	257.4	251 1
8835440701	Micropogon undulatus	100	7263.9	152 7 153 5 154 4 155 7 156 1 157 4 158 1 159 4 160 4 161 2 164 3 165 1 167 1
8835520101	Chaetodipterus faber	2	90.5	80 1 95 1
8847011601	Bollmannia communis	1	.3	28 1
8857030201	Etropus crossotus	16	255.9	78 1 87 1 89 1 90 1 91 2 95 2 99 3 102 3 105 1 114 1
8857030506	Ancylopsetta quadrocellata	1	169.2	220 1
8857030801	Cyclopsetta chittendeni	13	518.3	70 1 75 1 77 1 110 1 114 2 117 1 126 1 130 1 135 1 189 1 220 1 224 1
8857031301	Syacium gunteri	33	622.2	108 1 110 1 113 2 115 1 117 2 121 1 122 3 124 1 147 1
8858020102	Symphurus civitatus	5	63.0	110 2 116 1 120 1 121 1
8860020201	Balistes capriscus	1	22.6	88 1
8861010210	Sphoeroides parvus	3	32.3	55 1 63 1 64 1

Code	Organism name	No.	Wgt.
3760040101	Calliactis 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 spiratum plagosum	1	68.2
5105080106	Nassarius acutus	2	.0
5106040101	Terebra dislocata	1	.0
5506010202	Anadara ovalis	6	106.8
5517020201	Corbula 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	Latreutes parvulus	1	.0
61830602	GPagurus (decapoda)	1	.0
6183060232	Pagurus pollicaris	6	47.2
6183120502	Porcellana sayana	2	.2
6186020102	Calappa sulcata	1	297.4
6187010902	Libinia emarginata	1	45.5
6189010302	Callinectes similis	16	122.2
6189010501	Ovalipes guadulpensis	1	15.8
6189010601	Portunus gibbesii	71	269.0
6191010101	Squilla empusa	6	47.3
8106010502	Astropecten duplicatus	1	1.5
8787040301	Halieutichthys aculeatus 51 1	1	5.0
8826020118	Prionotus rubio 48 1 50 1 61 1 78 1	4	27.2
8835440103	Cynoscion nothus 71 1 72 1	2	14.8
8835440601	Menticirrhus americanus 176 1	1	100.0
8835441001	Stellifer lanceolatus 93 1	1	18.8
8850020201	Trichiurus lepturus 255 1	1	7.4
8857030110	Citharichthys spilopterus 101 2 102 2 106 1 107 1	29	289.0
8857030201	Etropus crossotus 92 1	19	144.0
8857030304	Paralichthys lethostigma 231 1	1	171.4
8857031301	Syacium gunteri 63 1 72 1 75 1 81 1 83 3 84 1 94 1	9	83.8
8858020102	Symphurus civitatus 102 1 104 1 105 2 106 2 107 1 108 1 110 1 111 3 113 3 114 2 115 2 116 1 117 1	21	269.3

SPECIES DIVERSITY AND EVENNESS
MACROEPIFAUNA AND DEMERSAL FISH

SPECIES DIVERSITY AND EVENNESS - MACROEPIFAUNA & DEMERSAL FISH - CRUISE 1

Label	# Spe.	# Ind.	S-W	Pielou	Heip
780501PN05002BBF T.B	30	324	2.29	.674	.307
780502PN05002BBF T.B	32	490	1.86	.537	.175
780503PN05002BBF T.B	19	189	1.61	.548	.223
780504PN05002BBF T.B	24	488	1.67	.526	.188
780521C 2BBF T.B	14	64	2.08	.788	.538
780522C 2BBF T.B	13	194	1.53	.596	.301
780523C 2BBF T.B	47	1679	1.69	.439	.096
780524C 2BBF T.B	11	160	1.52	.633	.356

780801PN05002BBF	T.B	25	83	2.72	.846	.593
780802PN05002BBF	T.B	15	119	2.08	.766	.497
780803PN05002BBF	T.B	31	4713	.27	.079	.010
780804PN05002BBF	T.B	31	477	2.18	.635	.262
780805SN05002BBF	T.B	23	475	2.05	.654	.308
780806SN05002BBF	T.B	49	1299	2.57	.660	.251
780807SN05002BBF	T.B	40	494	2.38	.644	.251
780808SN05002BBF	T.B	22	125	2.45	.791	.502
780809SN05002BBF	T.B	40	1154	1.89	.511	.144
780810SN05002BBF	T.B	11	41	1.85	.771	.535
780811SN05002BBF	T.B	10	15	2.18	.945	.868
780812SN05002BBF	T.B	5	39	1.31	.811	.672
780813SN05002BBF	T.B	46	1050	2.43	.635	.231
780814SN05002BBF	T.B	35	1661	2.04	.574	.197
780815SN05002BBF	T.B	51	461	2.77	.706	.301
780816SN05002BBF	T.B	45	404	2.76	.725	.336
780817SN05002BBF	T.B	46	451	3.19	.834	.518
780818SN05002BBF	T.B	43	481	2.54	.675	.278
780819SN05002BBF	T.B	12	101	1.60	.644	.359
780820SN05002BBF	T.B	11	36	5.18	.910	.706
780821C 28BF	T.B	21	231	2.08	.683	.350
780822C 28BF	T.B	7	30	1.52	.781	.596
780823C 28BF	T.B	41	3324	1.13	.305	.053
780824C 28BF	T.B	15	252	1.17	.430	.158

790101PN0500288F		T.B	22	82	2.70	.874	.661
790102PN0500288F		T.B	18	49	2.56	.886	.704
790103PN0500288F		T.B	57	1283	2.36	.583	.171
790104PN0500288F		T.B	25	450	1.71	.530	.188
790121C	288F	T.B	25	170	2.72	.844	.589
790122C	288F	T.B	22	318	1.72	.555	.217
790123C	288F	T.B	40	2316	.98	.266	.043
790124C	288F	T.B	51	593	2.86	.728	.330

HISTOPATHOLOGY OF INVERTEBRATES

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
01P	I	S	Crassostrea virginica	121	F	M	117	X	D	A9	
01P	I	S	Crassostrea virginica	121	F	M	117	X	E	V7	
01P	I	S	Crassostrea virginica	121	F	M	117	X	G	N8	DM LG1
01P	I	S	Crassostrea virginica	121	F	M	117	X	L	A9	
01P	I	S	Crassostrea virginica	121	F	M	117	X	M	N6	DM
01P	I	S	Crassostrea virginica	121	F	M	117	X	R	N6	
01P	I	S	Crassostrea virginica	122	F	M	132	X	D	N6	
01P	I	S	Crassostrea virginica	122	F	M	132	X	E	N7	
01P	I	S	Crassostrea virginica	122	F	M	132	X	G	N6	DM LF2
01P	I	S	Crassostrea virginica	122	F	M	132	X	L	A9	
01P	I	S	Crassostrea virginica	122	F	M	132	X	M	N6	DM
01P	I	S	Crassostrea virginica	122	F	M	132	X	R	N6	LF2
01P	I	S	Crassostrea virginica	123	F	M	115	X	D	N6	MC
01P	I	S	Crassostrea virginica	123	F	M	115	X	E	V0	
01P	I	S	Crassostrea virginica	123	F	M	115	X	G	N7	DM LF2 LG2 DG
01P	I	S	Crassostrea virginica	123	F	M	115	X	L	A7	LG
01P	I	S	Crassostrea virginica	123	F	M	115	X	M	N6	DM
01P	I	S	Crassostrea virginica	123	F	M	115	X	R	N6	
01P	I	S	Crassostrea virginica	124	M	M	101	X	D	N6	
01P	I	S	Crassostrea virginica	124	M	M	101	X	E	N7	
01P	I	S	Crassostrea virginica	124	M	M	101	X	G	N6	NS1 DM2 LG1 LF2
01P	I	S	Crassostrea virginica	124	M	M	101	X	L	N7	SP2
01P	I	S	Crassostrea virginica	124	M	M	101	X	M	N6	
01P	I	S	Crassostrea virginica	124	M	M	101	X	R	N6	
01P	I	S	Crassostrea virginica	125	F	M	143	X	D	N6	LG
01P	I	S	Crassostrea virginica	125	F	M	143	X	E	N6	
01P	I	S	Crassostrea virginica	125	F	M	143	X	G	N7	NS1 LG1 DM1
01P	I	S	Crassostrea virginica	125	F	M	143	X	L	N6	
01P	I	S	Crassostrea virginica	125	F	M	143	X	M	N6	DM
01P	I	S	Crassostrea virginica	125	F	M	143	X	R	N6	
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	D	A7	
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	E	00	
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	G	N6	EE1
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	L	A9	
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	M	N8	
01PN0500	I	P	Speocarcinus lobatus	6	M	I	14	A0	R	N8	SM5
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	B	A0	TA5
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	D	N7	
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	E	00	
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	G	N8	EE2 LF2
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	L	A8	
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	M	N8	
01PN0500	I	P	Speocarcinus lobatus	7	F	I	9	A0	R	N6	
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	D	N7	
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	E	00	
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	G	N8	EE
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	L	A8	SM2
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	M	N7	
01PN0500	I	P	Speocarcinus lobatus	8	M	I	15	A0	R	V8	SM5
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	B	N0	SN1
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	D	N7	
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	E	00	
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	G	N8	LG EE
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	L	A9	
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	M	N8	
01PN0500	I	P	Speocarcinus lobatus	9	M	I	15	A0	R	V8	SM5
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	D	N7	
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	E	00	
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	G	N8	EE4
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	L	A9	
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	M	N9	
01PN0500	I	P	Speocarcinus lobatus	10	M	I	14	A0	R	V7	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
02P	I	S	Crassostrea virginica	126	M	M	59	X	D	N6	MC LG1
02P	I	S	Crassostrea virginica	126	M	M	59	X	E	V0	
02P	I	S	Crassostrea virginica	126	M	M	59	X	G	A9	DM LF3
02P	I	S	Crassostrea virginica	126	M	M	59	X	L	N7	LF1
02P	I	S	Crassostrea virginica	126	M	M	59	X	M	N6	DM
02P	I	S	Crassostrea virginica	126	M	M	59	X	R	N6	
02P	I	S	Crassostrea virginica	127	M	M	63	X	D	N7	
02P	I	S	Crassostrea virginica	127	M	M	63	X	E	N6	
02P	I	S	Crassostrea virginica	127	M	M	63	X	G	A9	DM3
02P	I	S	Crassostrea virginica	127	M	M	63	X	L	N7	SF1
02P	I	S	Crassostrea virginica	127	M	M	63	X	M	N6	DM
02P	I	S	Crassostrea virginica	127	M	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	E	N8	
02P	I	S	Crassostrea virginica	128	M	M	61	X	G	A9	DM
02P	I	S	Crassostrea virginica	128	M	M	61	X	L	A9	
02P	I	S	Crassostrea virginica	128	M	M	61	X	M	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	E	V9	
02P	I	S	Crassostrea virginica	129	F	I	54	X	G	N8	DM2 LF2 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	E	00	
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	00	
02PN0500	I	P	Callinectes similis	21	M	I	54	A0	E	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	E	N6	
02PN0500	I	P	Callinectes similis	22	M	I	49	A0	G	N6	DG1
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	FN 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	E	N6	
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	G	00	
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	L	N6	SD1
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	M	N6	FN
02PN0500	I	P	Callinectes similis	23	M	I	39	A0	R	00	
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	C	N0	
02PN0500	I	P	Callinectes similis	24	M	I	39	A0	D	00	
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	00	
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	E	N6	
02PN0500	I	P	Callinectes similis	25	F	I	39	A0	G	00	
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	00	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	C	N7	
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	D	N0	SG2
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	E	A8	
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	G	N0	LF5 PC3 PA5 PZ2 FN5
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	L	A7	LF2
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	M	N0	DG2
02PN0500	I	P	Penaeus aztecus	16	F	M	95	A0	R	N0	
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	C	N7	
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	D	N0	PZ1
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	E	A9	
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	G	N0	LF2 PC3 PA2 FN2
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	L	N0	LF2 SC2
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	M	N0	DG2 FN1
02PN0500	I	P	Penaeus aztecus	17	F	M	100	A0	R	00	
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	C	N7	
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	D	N0	SC3
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	E	A9	
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	G	N0	LF3 PA3 PC3 PZ1 FN3
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	L	N0	LF2 SC2 IF5 SD1
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	M	N0	DG2 LF2
02PN0500	I	P	Penaeus aztecus	18	F	U	109	A0	R	00	
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	C	N7	
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	D	N0	
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	E	A9	
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	G	N0	LF2 PC2
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	L	A7	
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	M	N0	DG2 LF2 FN3
02PN0500	I	P	Penaeus aztecus	19	F	M	103	A0	R	N0	
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	C	N7	
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	D	N0	SG1
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	E	A8	
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	G	N0	LF1 PA1 PC1 FN1
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	L	N0	
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	M	N0	
02PN0500	I	P	Penaeus aztecus	20	M	M	98	A0	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
03P	I	S	Anadara imbricata	131	M	M	69	X	D	N6	
03P	I	S	Anadara imbricata	131	M	M	69	X	E	N6	
03P	I	S	Anadara imbricata	131	M	M	69	X	G	N7	DM
03P	I	S	Anadara imbricata	131	M	M	69	X	L	N6	MC
03P	I	S	Anadara imbricata	131	M	M	69	X	M	N6	DM
03P	I	S	Anadara imbricata	131	M	M	69	X	R	N6	
03P	I	S	Anadara imbricata	132	F	M	105	X	D	N6	
03P	I	S	Anadara imbricata	132	F	M	105	X	E	N6	
03P	I	S	Anadara imbricata	132	F	M	105	X	G	N7	DM9 LF2 LG2
03P	I	S	Anadara imbricata	132	F	M	105	X	L	N6	
03P	I	S	Anadara imbricata	132	F	M	105	X	M	N6	DM
03P	I	S	Anadara imbricata	132	F	M	105	X	R	N6	
03P	I	S	Anadara imbricata	133	F	I	98	X	D	N6	
03P	I	S	Anadara imbricata	133	F	I	98	X	E	N6	
03P	I	S	Anadara imbricata	133	F	I	98	X	G	N7	LG1
03P	I	S	Anadara imbricata	133	F	I	98	X	L	N6	
03P	I	S	Anadara imbricata	133	F	I	98	X	M	N6	DM
03P	I	S	Anadara imbricata	133	F	I	98	X	R	N6	DG2
03P	I	S	Anadara imbricata	134	F	I	83	X	D	N6	
03P	I	S	Anadara imbricata	134	F	I	83	X	E	N6	LF2
03P	I	S	Anadara imbricata	134	F	I	83	X	G	V0	
03P	I	S	Anadara imbricata	134	F	I	83	X	L	N6	SA1
03P	I	S	Anadara imbricata	134	F	I	83	X	M	N6	DM4
03P	I	S	Anadara imbricata	134	F	I	83	X	R	N6	DG4 LF1
03P	I	S	Anadara imbricata	135	M	M	76	X	D	N6	LF
03P	I	S	Anadara imbricata	135	M	M	76	X	E	N6	
03P	I	S	Anadara imbricata	135	M	M	76	X	G	N7	
03P	I	S	Anadara imbricata	135	M	M	76	X	L	N6	
03P	I	S	Anadara imbricata	135	M	M	76	X	M	N6	DM4
03P	I	S	Anadara imbricata	135	M	M	76	X	R	N6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	C	N6	PN1
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	D	N6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	E	V6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	G	N6	EE0
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	L	N6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	M	N6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	N	N6	
03PN0500	I	P	Portunus spinicarpus	36	F	I	33	A0	R	N6	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	C	N6	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	D	O0	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	E	V6	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	G	N6	EE0 CU1 FN4
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	L	N7	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	M	N6	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	N	N6	
03PN0500	I	P	Portunus spinicarpus	37	F	I	30	A0	R	N6	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	C	N6	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	D	V9	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	E	O0	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	G	N6	EE0
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	L	N7	SP9
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	M	N6	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	N	N6	
03PN0500	I	P	Portunus spinicarpus	38	F	I	28	A0	R	V0	
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	C	N0	PN3
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	D	N7	
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	E	O0	
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	G	N0	EE0 CU1
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	L	N7	
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	M	N6	PN
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	N	N6	
03PN0500	I	P	Portunus spinicarpus	39	F	I	27	A0	R	V0	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	C	N6	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	D	V8	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	E	N6	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	G	V7	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	L	N6	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	M	N6	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	N	N6	
03PN0500	I	P	Portunus spinicarpus	40	M	I	28	D1	R	V6	
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	C	N8	
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	D	O0	
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	E	A8	
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	G	N0	PC1
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	L	A9	SC1
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	M	N0	DG1
03PN0500	I	P	Trachypenaeus similis	31	F	U	89	A0	R	N0	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	C	N8	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	D	N0	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	E	A8	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	G	N0	LF1 PC3
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	L	O0	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	M	N0	
03PN0500	I	P	Trachypenaeus similis	32	F	U	95	A0	R	N0	
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	C	N8	
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	D	N0	
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	E	O0	
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	G	N0	PC3
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	L	O0	
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	M	N0	DG2
03PN0500	I	P	Trachypenaeus similis	33	F	U	83	A0	R	N0	
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	C	N8	
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	D	O0	
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	E	A8	
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	G	N0	PC3
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	L	O0	
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	M	N0	DG1 PZ1
03PN0500	I	P	Trachypenaeus similis	34	F	U	81	A0	R	N0	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	C	N8	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	D	N0	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	E	O0	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	G	N0	PA1 PC3 FN1
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	L	O0	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	M	N0	
03PN0500	I	P	Trachypenaeus similis	35	F	U	78	A0	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
04P	I	S	Anadara imbricata	136	M	M	96	X	D	N6	MC
04P	I	S	Anadara imbricata	136	M	M	96	X	E	U0	
04P	I	S	Anadara imbricata	136	M	M	96	X	G	N0	PA2 LG2
04P	I	S	Anadara imbricata	136	M	M	96	X	L	N6	MC
04P	I	S	Anadara imbricata	136	M	M	96	X	M	N6	DM
04P	I	S	Anadara imbricata	136	M	M	96	X	R	N6	
04P	I	S	Anadara imbricata	137	F	M	96	X	D	A9	
04P	I	S	Anadara imbricata	137	F	M	96	X	E	U0	
04P	I	S	Anadara imbricata	137	F	M	96	X	G	A9	
04P	I	S	Anadara imbricata	137	F	M	96	X	L	A9	
04P	I	S	Anadara imbricata	137	F	M	96	X	M	N6	DM
04P	I	S	Anadara imbricata	137	F	M	96	X	R	N7	
04P	I	S	Anadara imbricata	138	F	M	92	X	D	N0	
04P	I	S	Anadara imbricata	138	F	M	92	X	E	N6	
04P	I	S	Anadara imbricata	138	F	M	92	X	G	N7	LG3 DM PA
04P	I	S	Anadara imbricata	138	F	M	92	X	L	N6	MC
04P	I	S	Anadara imbricata	138	F	M	92	X	M	N7	DM
04P	I	S	Anadara imbricata	138	F	M	92	X	R	N6	
04P	I	S	Anadara imbricata	139	F	M	98	X	D	N7	
04P	I	S	Anadara imbricata	139	F	M	98	X	E	N6	LG4
04P	I	S	Anadara imbricata	139	F	M	98	X	G	V9	
04P	I	S	Anadara imbricata	139	F	M	98	X	L	N6	
04P	I	S	Anadara imbricata	139	F	M	98	X	M	N7	DM
04P	I	S	Anadara imbricata	139	F	M	98	X	R	N6	
04P	I	S	Anadara imbricata	140	F	M	98	X	D	N6	
04P	I	S	Anadara imbricata	140	F	M	98	X	E	N6	LG3
04P	I	S	Anadara imbricata	140	F	M	98	X	G	V0	
04P	I	S	Anadara imbricata	140	F	M	98	X	L	N6	MC
04P	I	S	Anadara imbricata	140	F	M	98	X	M	N7	DM
04P	I	S	Anadara imbricata	140	F	M	98	X	R	N6	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	C	N6	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	D	N7	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	E	N8	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	G	U0	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	L	N7	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	M	N6	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	N	N6	
04PN0500	I	P	Leiolambrus nitidus	51	F	U	14	A0	R	U0	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	C	N6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	D	N6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	E	V6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	G	N6	CU2
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	L	N6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	M	N6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	N	N6	
04PN0500	I	P	Leiolambrus nitidus	52	M	M	16	A0	R	N6	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	C	N6	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	D	U0	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	E	U0	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	G	N7	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	L	N7	SN1 IF2
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	M	N6	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	N	N6	
04PN0500	I	P	Leiolambrus nitidus	53	M	M	18	A0	R	N6	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	C	N6	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	D	V7	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	E	U0	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	G	N7	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	L	N7	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	M	N6	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	N	N6	
04PN0500	I	P	Leiolambrus nitidus	54	F	M	23	A0	R	N7	
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	C	N7	
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	D	N6	
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	E	N7	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	G	N8	
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	L	N7	LF
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	M	N6	
04PN0500	I	P	Leiolambrus nitidus	55	F	M	19	A0	N	N6	LG1
04PN0500	I	P	Leiolambrus 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	A8	
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	A8	
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	A9	
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	O0	
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	A8	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	A8	
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	G	N0	FN1
04PN0500	I	P	Trachypenaeus similis	50	F	I	80	A0	L	A8	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	I	P	Tellina	71	M	M	12	A0	D	N6	
21C	I	P	Tellina	71	M	M	12	A0	E	N6	
21C	I	P	Tellina	71	M	M	12	A0	G	N6	DM4
21C	I	P	Tellina	71	M	M	12	A0	L	N6	
21C	I	P	Tellina	71	M	M	12	A0	M	N6	
21C	I	P	Tellina	71	M	M	12	A0	R	N6	
21C	I	P	Tellina	72	F	M	10	A0	D	N6	
21C	I	P	Tellina	72	F	M	10	A0	E	N6	
21C	I	P	Tellina	72	F	M	10	A0	G	N6	DM4
21C	I	P	Tellina	72	F	M	10	A0	L	N6	
21C	I	P	Tellina	72	F	M	10	A0	M	N6	
21C	I	P	Tellina	72	F	M	10	A0	R	N6	
21C	I	P	Tellina	73	M	M	8	A0	D	N6	SC4
21C	I	P	Tellina	73	M	M	8	A0	E	N6	
21C	I	P	Tellina	73	M	M	8	A0	G	N6	DM4
21C	I	P	Tellina	73	M	M	8	A0	L	N6	
21C	I	P	Tellina	73	M	M	8	A0	M	N6	
21C	I	P	Tellina	73	M	M	8	A0	R	N6	
21C	I	P	Tellina	74	F	M	9	A0	D	N6	
21C	I	P	Tellina	74	F	M	9	A0	E	N6	
21C	I	P	Tellina	74	F	M	9	A0	G	N6	DM4
21C	I	P	Tellina	74	F	M	9	A0	L	N6	
21C	I	P	Tellina	74	F	M	9	A0	M	N6	
21C	I	P	Tellina	74	F	M	9	A0	R	N6	
21C	I	P	Tellina	75	M	M	7	A0	D	N6	SC2
21C	I	P	Tellina	75	M	M	7	A0	E	N6	
21C	I	P	Tellina	75	M	M	7	A0	G	N6	
21C	I	P	Tellina	75	M	M	7	A0	L	N6	
21C	I	P	Tellina	75	M	M	7	A0	M	N6	
21C	I	P	Tellina	75	M	M	7	A0	R	N6	
21C	I	P	Callinectes similis	66	M	M	55	A0	C	N7	
21C	I	P	Callinectes similis	66	M	M	55	A0	D	A9	
21C	I	P	Callinectes similis	66	M	M	55	A0	E	00	
21C	I	P	Callinectes similis	66	M	M	55	A0	G	N8	
21C	I	P	Callinectes similis	66	M	M	55	A0	L	A9	
21C	I	P	Callinectes similis	66	M	M	55	A0	M	N6	FN3
21C	I	P	Callinectes similis	66	M	M	55	A0	R	N7	
21C	I	P	Callinectes similis	67	F	M	57	A0	C	N7	LF2
21C	I	P	Callinectes similis	67	F	M	57	A0	D	A9	
21C	I	P	Callinectes similis	67	F	M	57	A0	E	N7	
21C	I	P	Callinectes similis	67	F	M	57	A0	G	A9	
21C	I	P	Callinectes similis	67	F	M	57	A0	L	A9	
21C	I	P	Callinectes similis	67	F	M	57	A0	M	N6	
21C	I	P	Callinectes similis	67	F	M	57	A0	R	N7	
21C	I	P	Callinectes similis	68	M	I	35	A0	C	N6	
21C	I	P	Callinectes similis	68	M	I	35	A0	D	V9	
21C	I	P	Callinectes similis	68	M	I	35	A0	E	V6	
21C	I	P	Callinectes similis	68	M	I	35	A0	G	A9	
21C	I	P	Callinectes similis	68	M	I	35	A0	L	A9	
21C	I	P	Callinectes similis	68	M	I	35	A0	M	N6	
21C	I	P	Callinectes similis	68	M	I	35	A0	R	00	
21C	I	P	Callinectes similis	69	F	I	43	X	C	N8	
21C	I	P	Callinectes similis	69	F	I	43	X	D	N8	
21C	I	P	Callinectes similis	69	F	I	43	X	E	N8	
21C	I	P	Callinectes similis	69	F	I	43	X	G	A9	
21C	I	P	Callinectes similis	69	F	I	43	X	L	A9	
21C	I	P	Callinectes similis	69	F	I	43	X	M	N6	
21C	I	P	Callinectes similis	69	F	I	43	X	R	0	
21C	I	P	Callinectes similis	70	M	M	44	X	C	N7	
21C	I	P	Callinectes similis	70	M	M	44	X	D	0	
21C	I	P	Callinectes similis	70	M	M	44	X	E	V8	
21C	I	P	Callinectes similis	70	M	M	44	X	G	N8	EE
21C	I	P	Callinectes similis	70	M	M	44	X	L	A9	
21C	I	P	Callinectes similis	70	M	M	44	X	M	N6	
21C	I	P	Callinectes similis	70	M	M	44	X	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
22C	I	P	Noetia ponderosa	86	F	M	36	A0	D	N6	MC2
22C	I	P	Noetia ponderosa	86	F	M	36	A0	E	N6	LG2 PZ2
22C	I	P	Noetia ponderosa	86	F	M	36	A0	G	N6	EE4
22C	I	P	Noetia ponderosa	86	F	M	36	A0	L	N6	SC2 LG3
22C	I	P	Noetia ponderosa	86	F	M	36	A0	M	N6	FN3 PZ2 DG3
22C	I	P	Noetia ponderosa	86	F	M	36	A0	R	N6	SC2 DG4 PZ1
22C	I	P	Noetia ponderosa	87	F	M	33	A0	D	N6	MC4
22C	I	P	Noetia ponderosa	87	F	M	33	A0	E	N6	PZ1
22C	I	P	Noetia ponderosa	87	F	M	33	A0	G	N6	SP1
22C	I	P	Noetia ponderosa	87	F	M	33	A0	L	N6	SC1 LG2 MC2 PZ1
22C	I	P	Noetia ponderosa	87	F	M	33	A0	M	N6	TA1 FN3 DG2
22C	I	P	Noetia ponderosa	87	F	M	33	A0	R	N6	DG2 SP2
22C	I	P	Noetia ponderosa	88	F	M	34	A0	D	N6	
22C	I	P	Noetia ponderosa	88	F	M	34	A0	E	N6	SP1 LF2 LG1 PZ2
22C	I	P	Noetia ponderosa	88	F	M	34	A0	G	N6	SP1 FN4
22C	I	P	Noetia ponderosa	88	F	M	34	A0	L	N6	SC1 SP1 LG2 PZ2
22C	I	P	Noetia ponderosa	88	F	M	34	A0	M	N6	TA1 FN1 DG3 PZ1
22C	I	P	Noetia ponderosa	88	F	M	34	A0	R	N6	DG4 PZ2
22C	I	P	Noetia ponderosa	89	M	M	33	A0	D	N6	SC1 MC4
22C	I	P	Noetia ponderosa	89	M	M	33	A0	E	N6	SP2 PZ2
22C	I	P	Noetia ponderosa	89	M	M	33	A0	G	V6	
22C	I	P	Noetia ponderosa	89	M	M	33	A0	L	N6	SC2 LF1 SP2 PZ2
22C	I	P	Noetia ponderosa	89	M	M	33	A0	M	N6	FN2 PZ1 DG3
22C	I	P	Noetia ponderosa	89	M	M	33	A0	R	N6	SC2 SP1
22C	I	P	Noetia ponderosa	90	M	M	32	A0	D	N6	SC4 MC4
22C	I	P	Noetia ponderosa	90	M	M	32	A0	E	N6	SP1 LG4 PZ2
22C	I	P	Noetia ponderosa	90	M	M	32	A0	G	N6	FN2
22C	I	P	Noetia ponderosa	90	M	M	32	A0	L	N6	SP1 AM1 LG2 PZ1
22C	I	P	Noetia ponderosa	90	M	M	32	A0	M	N6	FN2
22C	I	P	Noetia ponderosa	90	M	M	32	A0	R	N6	SC2 SP1
22C	I	P	Callinectes similis	81	F	I	44	A0	C	0	
22C	I	P	Callinectes similis	81	F	I	44	A0	D	V9	
22C	I	P	Callinectes similis	81	F	I	44	A0	E	N6	LG2
22C	I	P	Callinectes similis	81	F	I	44	A0	G	V9	EE2
22C	I	P	Callinectes similis	81	F	I	44	A0	L	N7	LP9 FI
22C	I	P	Callinectes similis	81	F	I	44	A0	M	N6	
22C	I	P	Callinectes similis	81	F	I	44	A0	R	0	
22C	I	P	Callinectes similis	82	F	I	46	A0	C	N6	FN1
22C	I	P	Callinectes similis	82	F	I	46	A0	D	0	
22C	I	P	Callinectes similis	82	F	I	46	A0	E	N7	
22C	I	P	Callinectes similis	82	F	I	46	A0	G	V8	EE2
22C	I	P	Callinectes similis	82	F	I	46	A0	L	N6	LP9
22C	I	P	Callinectes similis	82	F	I	46	A0	M	N6	
22C	I	P	Callinectes similis	82	F	I	46	A0	R	0	
22C	I	P	Callinectes similis	83	M	I	43	A0	C	N6	
22C	I	P	Callinectes similis	83	M	I	43	A0	D	0	
22C	I	P	Callinectes similis	83	M	I	43	A0	E	N6	
22C	I	P	Callinectes similis	83	M	I	43	A0	G	N9	
22C	I	P	Callinectes similis	83	M	I	43	A0	L	N6	DG LG1
22C	I	P	Callinectes similis	83	M	I	43	A0	M	N6	
22C	I	P	Callinectes similis	83	M	I	43	A0	R	0	
22C	I	P	Callinectes similis	84	M	I	40	A0	C	N6	
22C	I	P	Callinectes similis	84	M	I	40	A0	D	0	
22C	I	P	Callinectes similis	84	M	I	40	A0	E	N6	
22C	I	P	Callinectes similis	84	M	I	40	A0	G	N8	EE0
22C	I	P	Callinectes similis	84	M	I	40	A0	L	N6	LP9
22C	I	P	Callinectes similis	84	M	I	40	A0	M	N6	LF FN
22C	I	P	Callinectes similis	84	M	I	40	A0	R	0	
22C	I	P	Callinectes similis	85	F	I	42	A0	C	N6	FN1
22C	I	P	Callinectes similis	85	F	I	42	A0	D	V0	
22C	I	P	Callinectes similis	85	F	I	42	A0	E	N6	
22C	I	P	Callinectes similis	85	F	I	42	A0	G	V8	EE0
22C	I	P	Callinectes similis	85	F	I	42	A0	L	N7	
22C	I	P	Callinectes similis	85	F	I	42	A0	M	N6	DG1
22C	I	P	Callinectes similis	85	F	I	42	A0	R	0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	C	00	
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	D	N0	
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	E	A9	
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	G	N0	LF1 PA1 PC1 FN1
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	L	N0	SC1
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	M	N0	DG1
22C	I	P	Trachypenaeus similis	76	F	I	74	A0	R	N0	CE1
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	C	N7	
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	D	N8	
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	E	A8	
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	G	N0	PC1
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	L	N0	
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	M	N0	DG1
22C	I	P	Trachypenaeus similis	77	F	I	80	A0	R	N0	FN1
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	C	N7	
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	D	N0	
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	E	A8	
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	G	N0	PC1
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	L	N0	
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	M	N0	DG1
22C	I	P	Trachypenaeus similis	78	F	I	70	A0	R	N0	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	C	N7	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	D	00	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	E	A9	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	G	N0	PC2
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	L	N0	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	M	N0	
22C	I	P	Trachypenaeus similis	79	F	I	68	A0	R	N0	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	C	00	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	D	V0	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	E	V9	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	G	N0	PC2
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	L	N0	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	M	N0	
22C	I	P	Trachypenaeus similis	80	F	M	73	A0	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
23C	I	P	Pitar cordatus	101	F	M	45	A0	D	N6	
23C	I	P	Pitar cordatus	101	F	M	45	A0	E	N6	SP1 SG1 FN2 LG2
23C	I	P	Pitar cordatus	101	F	M	45	A0	G	N6	LG3 CU2 DM2
23C	I	P	Pitar cordatus	101	F	M	45	A0	L	N6	SP1 AM1 SC1 LG2
23C	I	P	Pitar cordatus	101	F	M	45	A0	M	N6	DG1
23C	I	P	Pitar cordatus	101	F	M	45	A0	R	N6	
23C	I	P	Pitar cordatus	102	M	M	45	A0	D	N6	
23C	I	P	Pitar cordatus	102	M	M	45	A0	E	N6	LF2
23C	I	P	Pitar cordatus	102	M	M	45	A0	G	N6	DM CU2 MA4
23C	I	P	Pitar cordatus	102	M	M	45	A0	L	N6	SN1 IF5
23C	I	P	Pitar cordatus	102	M	M	45	A0	M	N6	SP1 LG1 FN2
23C	I	P	Pitar cordatus	102	M	M	45	A0	R	N6	
23C	I	P	Pitar cordatus	103	F	M	38	A0	D	N6	
23C	I	P	Pitar cordatus	103	F	M	38	A0	E	N6	LG3
23C	I	P	Pitar cordatus	103	F	M	38	A0	G	N6	LG2 LF3 CU1 DM2
23C	I	P	Pitar cordatus	103	F	M	38	A0	L	N6	SF3 LF1 SC1 SP1
23C	I	P	Pitar cordatus	103	F	M	38	A0	M	N6	FN1
23C	I	P	Pitar cordatus	103	F	M	38	A0	R	N6	
23C	I	P	Pitar cordatus	104	F	M	28	A0	D	N6	LF2
23C	I	P	Pitar cordatus	104	F	M	28	A0	E	N6	PZ1 SP1
23C	I	P	Pitar cordatus	104	F	M	28	A0	G	N6	LG3 AM5 CU1
23C	I	P	Pitar cordatus	104	F	M	28	A0	L	N6	
23C	I	P	Pitar cordatus	104	F	M	28	A0	M	N6	
23C	I	P	Pitar cordatus	104	F	M	28	A0	R	N6	DG2 LG3
23C	I	P	Pitar cordatus	105	M	M	23	A0	D	N6	
23C	I	P	Pitar cordatus	105	M	M	23	A0	E	N6	
23C	I	P	Pitar cordatus	105	M	M	23	A0	G	N6	AM8 LG2
23C	I	P	Pitar cordatus	105	M	M	23	A0	L	N6	
23C	I	P	Pitar cordatus	105	M	M	23	A0	M	N6	
23C	I	P	Pitar cordatus	105	M	M	23	A0	R	N6	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	C	N6	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	D	V9	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	E	N6	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	G	V8	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	L	N6	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	M	V6	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	N	O	
23C	I	P	Portunus spinicarpus	96	M	I	44	A0	R	N6	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	C	N6	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	D	N7	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	E	V9	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	G	V8	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	L	N6	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	M	N6	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	N	N6	
23C	I	P	Portunus spinicarpus	97	M	I	44	A0	R	N6	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	C	N6	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	D	V8	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	E	N6	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	G	V7	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	L	N6	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	M	N	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	N	N6	
23C	I	P	Portunus spinicarpus	98	F	I	41	A0	R	N6	PZ4
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	C	N6	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	D	N7	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	E	V9	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	G	V9	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	L	A9	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	M	N6	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	N	N6	
23C	I	P	Portunus spinicarpus	99	M	M	42	A0	R	V8	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	C	N6	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	D	N6	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	E	V9	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	G	V7	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	L	N6	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	M	N6	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	N	N6	
23C	I	P	Portunus spinicarpus	100	M	I	39	A0	R	N6	
23C	I	P	Penaeus aztecus	91	M	I	155	A0	C	N7	
23C	I	P	Penaeus aztecus	91	M	I	155	A0	D	N0	LF2 SG3 SH1
23C	I	P	Penaeus aztecus	91	M	I	155	A0	E	A8	
23C	I	P	Penaeus aztecus	91	M	I	155	A0	G	N8	FN1 PA1 PC1
23C	I	P	Penaeus aztecus	91	M	I	155	A0	L	A8	SD1
23C	I	P	Penaeus aztecus	91	M	I	155	A0	M	N0	DG1
23C	I	P	Penaeus aztecus	91	M	I	155	A0	R	N0	
23C	I	P	Penaeus aztecus	92	F	I	174	A0	C	N7	
23C	I	P	Penaeus aztecus	92	F	I	174	A0	D	P9	SG4
23C	I	P	Penaeus aztecus	92	F	I	174	A0	E	A8	
23C	I	P	Penaeus aztecus	92	F	I	174	A0	G	N0	FN1 PA1 PC1
23C	I	P	Penaeus aztecus	92	F	I	174	A0	L	A8	
23C	I	P	Penaeus aztecus	92	F	I	174	A0	M	N0	DG2 LF1 PZ1
23C	I	P	Penaeus aztecus	92	F	I	174	A0	R	N0	LF1 SN1
23C	I	P	Penaeus aztecus	93	M	U	140	A0	C	N7	FN1 LF1
23C	I	P	Penaeus aztecus	93	M	U	140	A0	D	P9	SG4
23C	I	P	Penaeus aztecus	93	M	U	140	A0	E	A9	
23C	I	P	Penaeus aztecus	93	M	U	140	A0	G	N0	FN2 LF2 PA2 PC2
23C	I	P	Penaeus aztecus	93	M	U	140	A0	L	A9	
23C	I	P	Penaeus aztecus	93	M	U	140	A0	M	N0	DG2 LF1
23C	I	P	Penaeus aztecus	93	M	U	140	A0	R	N0	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	C	N7	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	D	N0	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	E	A8	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	G	N0	PC1
23C	I	P	Penaeus aztecus	94	M	U	145	A0	L	N0	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	M	N0	
23C	I	P	Penaeus aztecus	94	M	U	145	A0	R	N0	
23C	I	P	Penaeus aztecus	95	F	I	170	A0	C	N7	
23C	I	P	Penaeus aztecus	95	F	I	170	A0	D	P8	SG2
23C	I	P	Penaeus aztecus	95	F	I	170	A0	E	A8	
23C	I	P	Penaeus aztecus	95	F	I	170	A0	G	N0	PC1 PZ1
23C	I	P	Penaeus aztecus	95	F	I	170	A0	L	N0	SD1
23C	I	P	Penaeus aztecus	95	F	I	170	A0	M	N0	DG2
23C	I	P	Penaeus aztecus	95	F	I	170	A0	R	N0	IF1 LF1 SN1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
24C	I	P	Callinectes similis	111	M	I	45	A0	C	N8	
24C	I	P	Callinectes similis	111	M	I	45	A0	D	A9	
24C	I	P	Callinectes similis	111	M	I	45	A0	E	O	
24C	I	P	Callinectes similis	111	M	I	45	A0	G	N9	
24C	I	P	Callinectes similis	111	M	I	45	A0	L	A9	
24C	I	P	Callinectes similis	111	M	I	45	A0	M	N7	
24C	I	P	Callinectes similis	111	M	I	45	A0	R	O	
24C	I	P	Callinectes similis	112	F	I	45	A0	C	V8	
24C	I	P	Callinectes similis	112	F	I	45	A0	D	V9	
24C	I	P	Callinectes similis	112	F	I	45	A0	E	O	
24C	I	P	Callinectes similis	112	F	I	45	A0	G	N9	
24C	I	P	Callinectes similis	112	F	I	45	A0	L	A9	
24C	I	P	Callinectes similis	112	F	I	45	A0	M	N8	
24C	I	P	Callinectes similis	112	F	I	45	A0	R	O	
24C	I	P	Callinectes similis	113	M	I	44	A0	C	V8	
24C	I	P	Callinectes similis	113	M	I	44	A0	D	A9	
24C	I	P	Callinectes similis	113	M	I	44	A0	E	O	
24C	I	P	Callinectes similis	113	M	I	44	A0	G	A9	
24C	I	P	Callinectes similis	113	M	I	44	A0	L	A9	
24C	I	P	Callinectes similis	113	M	I	44	A0	M	N7	FN2
24C	I	P	Callinectes similis	113	M	I	44	A0	R	O	
24C	I	P	Callinectes similis	114	F	I	36	A0	C	N7	
24C	I	P	Callinectes similis	114	F	I	36	A0	D	N8	
24C	I	P	Callinectes similis	114	F	I	36	A0	E	O	
24C	I	P	Callinectes similis	114	F	I	36	A0	G	A9	
24C	I	P	Callinectes similis	114	F	I	36	A0	L	A9	LF LP
24C	I	P	Callinectes similis	114	F	I	36	A0	M	N6	
24C	I	P	Callinectes similis	114	F	I	36	A0	R	O	
24C	I	P	Callinectes similis	115	F	I	38	A0	C	O	
24C	I	P	Callinectes similis	115	F	I	38	A0	D	A9	
24C	I	P	Callinectes similis	115	F	I	38	A0	E	O	
24C	I	P	Callinectes similis	115	F	I	38	A0	G	A9	
24C	I	P	Callinectes similis	115	F	I	38	A0	L	A9	
24C	I	P	Callinectes similis	115	F	I	38	A0	M	N7	
24C	I	P	Callinectes similis	115	F	I	38	A0	R	O	

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	E	N6	PN0
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	G	N6	DM3 NS1
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	L	N7	DM1 LG3
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	M	N6	DM3
05SN0500	I	P	Crassostrea virginica	251	F	M	85	A0	R	N6	DM0 PN4
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	D	N6	DM3 LG0
05SN0500	I	P	Crassostrea virginica	252	M	M	86	A0	E	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	E	N6	PN1
05SN0500	I	P	Crassostrea virginica	253	F	M	81	A0	G	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	E	N6	
05SN0500	I	P	Crassostrea virginica	254	M	M	104	A0	G	N6	DM1
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	E	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	V6	
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	E	N6	ST1
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	G	N7	LF1 PC3 CU1
05SN0500	I	P	Callinectes sapidus	206	M	U	98	A0	L	N7	
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	E	N6	LG1
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	G	N6	EE2 LF3 PC5
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	L	N6	CU ST1
05SN0500	I	P	Callinectes sapidus	207	M	M	112	A0	M	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	E	N6	
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	G	N7	LF1 PC2
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	L	N6	CU1 SF2
05SN0500	I	P	Callinectes sapidus	208	M	M	101	A0	M	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	V6	
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	E	N6	LG4 CU1
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	G	N6	LF1 PC3
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	L	A8	
05SN0500	I	P	Callinectes sapidus	209	M	I	87	A0	M	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	E	N6	
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	G	N6	LG3
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	L	N6	
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	M	N6	DG4
05SN0500	I	P	Callinectes sapidus	210	F	U	67	A0	R	00	

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	A8	
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	G	N0	PC1
05SN0500	I	P	Penaeus setiferus	201	F	I	161	P7	L	A8	
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	A8	
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	A8	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	O0	
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	A8	
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	G	N0	PC1
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	L	A8	
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	M	N0	
05SN0500	I	P	Penaeus setiferus	203	M	I	132	A0	R	O0	
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	A8	
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	A9	
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	A8	
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	G	N0	
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	L	A8	DG1 PN1
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	M	N0	
05SN0500	I	P	Penaeus setiferus	205	M	I	144	A0	R	O	

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	E	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	M	N6	SF9
06SN0500	I	P	Pitar cordatus	256	F	M	44	A0	R	N6	
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	D	N6	YP3 IF1
06SN0500	I	P	Pitar cordatus	257	M	M	36	A0	E	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	M	N6	
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	E	N6	SB9 DG9
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	G	N6	SB9 MA9 PN3
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	L	N6	SC1 LF1 LF4 SN1
06SN0500	I	P	Pitar cordatus	258	F	M	43	A0	M	N6	
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	E	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	M	N6	
06SN0500	I	P	Pitar cordatus	259	F	M	38	A0	R	N6	
06SN0500	I	P	Pitar cordatus	260			35	A0	D	N6	SA1
06SN0500	I	P	Pitar cordatus	260			35	A0	E	N6	
06SN0500	I	P	Pitar cordatus	260			35	A0	G	N6	PN0 SB5 LF5 SF9
06SN0500	I	P	Pitar cordatus	260			35	A0	L	N6	SN1 LF3 LF4
06SN0500	I	P	Pitar cordatus	260			35	A0	M	N6	
06SN0500	I	P	Pitar cordatus	260			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	E	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	M	N6	PZ1
06SN0500	I	P	Callinectes similis	216	M	U	98	A0	R	N6	
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	E	N6	LG3
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	G	N6	EE3 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	M	N6	DG1
06SN0500	I	P	Callinectes similis	217	M	U	77	A0	R	O0	
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	E	N6	LF1 DG2
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	G	N6	EE3 CU1
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	L	N7	LP4
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	M	N6	DG2
06SN0500	I	P	Callinectes similis	218	M	M	80	A0	R	N6	
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	E	N6	
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	G	N6	LF1 EE2 HL2
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	L	N6	
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	M	N6	PN1
06SN0500	I	P	Callinectes similis	219	M	U	71	A0	R	O0	
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	C	N6	
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	D	O0	
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	E	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	M	N6	DG2 PN2 LG1
06SN0500	I	P	Callinectes similis	220	F	M	72	A0	R	N6	SN2 LF3 LG3

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	C	N7	
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	D	N0	
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	E	A7	
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	G	N0	LG1 PC1
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	L	A8	SC2 SD1 SN1 IF1
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	M	N0	
06SN0500	I	P	Penaeus aztecus	211	F	I	135	A0	R	N0	
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	C	N7	LF1
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	D	N0	
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	E	A8	
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	G	N0	PC1 LF2
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	L	A8	
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	M	N0	DG1
06SN0500	I	P	Penaeus aztecus	212	F	I	142	A0	R	N0	DG1
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	C	N6	
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	D	N0	SG1
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	E	A8	
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	G	N0	PC1
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	L	A8	SC1 SN1
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	M	N0	
06SN0500	I	P	Penaeus aztecus	213	F	M	144	A0	R	N0	SN3
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	C	N7	
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	D	N0	LG1 PC1
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	E	A8	
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	G	N0	PC1
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	L	A8	ST1 LF1
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	M	N0	
06SN0500	I	P	Penaeus aztecus	214	M	I	138	A0	R	N0	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	C	N7	CE1
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	D	N0	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	E	A8	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	G	N0	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	L	A7	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	M	N0	
06SN0500	I	P	Penaeus aztecus	215	F	I	140	A0	R	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	I	P	Pitar cordatus	261	M	M	35	A0	D	N6	YP1
07SN0500	I	P	Pitar cordatus	261	M	M	35	A0	E	N6	PZ0 PZ3
07SN0500	I	P	Pitar cordatus	261	M	M	35	A0	G	N6	SB1 SF0 LG1
07SN0500	I	P	Pitar cordatus	261	M	M	35	A0	L	N6	SC1 SN1 PZ0 IF2
07SN0500	I	P	Pitar cordatus	261	M	M	35	A0	M	N6	
07SN0500	I	P	Pitar cordatus	261	M	M	35	A0	R	N6	
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	D	N6	YP2
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	E	N6	CU3
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	G	N6	DM1 NS1 SF0
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	L	N6	SC1 PZ2 AM1
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	M	N6	DM9
07SN0500	I	P	Pitar cordatus	262	M	M	35	A0	R	N6	
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	D	N6	DM3 YP1
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	E	N6	PZ1 CU0
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	G	N6	PN0 LG1 NS1 SB1 SF9
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	L	N6	PZ5 LF3 PZ2 DM9
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	M	N6	DM9
07SN0500	I	P	Pitar cordatus	263	M	M	34	A0	R	N6	
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	D	N6	
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	E	N6	
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	G	N6	DM9 PN0 SF9
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	L	N6	
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	M	N6	
07SN0500	I	P	Pitar cordatus	264	M	M	32	A0	R	N6	
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	D	N6	
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	E	N6	
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	F	N6	SC1
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	G	N6	DM1 PN0 SF9
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	L	N6	DM9 LF1 PZ1
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	M	N6	
07SN0500	I	P	Pitar cordatus	265	M	M	32	A0	R	N6	SN1
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	C	N6	
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	D	V6	
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	E	N6	LF1 LG1
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	G	N8	LG3
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	L	N6	
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	M	N6	DG2
07SN0500	I	P	Portunus spinicarpus	226	M	M	60	A0	R	N6	
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	C	N6	
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	D	V6	
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	E	00	
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	G	N7	LG3
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	L	N7	
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	M	N6	DG2
07SN0500	I	P	Portunus spinicarpus	227	M	M	56	A0	R	N6	
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	C	N6	
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	D	00	
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	E	N6	LG1
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	G	N6	LG3
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	L	N8	
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	M	N6	DG1
07SN0500	I	P	Portunus spinicarpus	228	M	U	56	A0	R	00	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	C	N6	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	D	V6	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	E	N6	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	G	N7	LF2
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	L	N6	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	M	N6	
07SN0500	I	P	Portunus spinicarpus	229	F	U	53	A0	R	00	
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	C	N6	
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	D	N6	LF0 LG0
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	E	N6	
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	G	N7	LG3
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	L	N8	
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	M	N6	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
07SN0500	I	P	Portunus spinicarpus	230	M	U	48	A0	R	00	
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	C	N7	
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	D	N0	SG2
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	E	A8	
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	G	N0	LG1 PC1
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	L	A8	SN1
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	M	N7	
07SN0500	I	P	Penaeus aztecus	221	M	I	143	A0	R	N0	
07SN0500	I	P	Penaeus aztecus	222	M	I	142	A0	C	N7	
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	D	N0	SG3 SN1 SC2
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	E	A7	SN1
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	G	N0	FN1 LF2 PA1 PC1
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	L	N0	SN1
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	M	N0	SN1
07SN0500	I	P	Penaeus aztecus	222	M	I	142	P8	R	N0	SN1
07SN0500	I	P	Penaeus aztecus	223	F	M	150	A0	C	N7	
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	D	N0	SG4
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	E	A7	
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	G	N0	LF1 PA1 PZ1
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	L	A8	CE1 FN1 PA1
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	M	N0	
07SN0500	I	P	Penaeus aztecus	223	F	M	150	P9	R	N0	
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	C	N7	
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	D	N0	IF1 SG3 SN1 LF3
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	E	A8	
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	G	N0	PC1
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	L	A8	
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	M	N0	DG2 SN1
07SN0500	I	P	Penaeus aztecus	224	M	I	155	A0	R	N0	SN2
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	C	N7	
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	D	N0	IF2 LG2 SG4 SN1
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	E	A7	
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	G	N0	LF1
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	L	A8	SC1
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	M	N0	
07SN0500	I	P	Penaeus aztecus	225	M	I	142	A0	R	N0	SN2 ST1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	D	N6	DM9 LG3
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	E	N6	
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	F	N6	SC2
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	G	N6	PZ0
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	L	N6	PZ0 LG3 SC2 SN1 IF3 LF3
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	M	N6	DM9
08SN0500	I	P	Pitar cordatus	266	M	M	38	A0	R	N6	PZ2
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	D	N6	LG9
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	E	N6	CU0
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	G	N6	DM1 LG1
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	L	N6	PZ0 LF3 LG1
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	M	N6	LG1 DG2
08SN0500	I	P	Pitar cordatus	267	F	M	37	A0	R	N6	
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	D	N6	YP2
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	E	N6	LF1
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	G	N6	LG1
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	L	N6	
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	M	N6	
08SN0500	I	P	Pitar cordatus	268	M	M	38	A0	R	N6	SN2 DG1 LF1 IF2
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	D	N6	LG9 YP1
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	E	N6	
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	G	N6	NS1 SB9 LG5
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	L	N6	SN1
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	M	N6	
08SN0500	I	P	Pitar cordatus	269	M	M	35	A0	R	N6	SN2 PZ2
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	D	N6	LG9
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	E	N6	
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	F	N6	ST1
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	G	N6	PN0
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	L	N6	PZ0
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	M	N6	SF9
08SN0500	I	P	Pitar cordatus	270	M	M	33	A0	R	N6	PZ5
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	C	N6	
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	D	N6	
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	E	N6	ST1
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	G	N6	CU3 BA9
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	L	N6	LF0
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	M	N6	DG1 PN0
08SN0500	I	P	Portunus gibbesii	236	M	M	40	A0	R	N6	
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	C	N6	
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	D	N6	PN0
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	E	N6	
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	G	N6	EE1
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	L	N6	LF0
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	M	N6	DG2 PN3
08SN0500	I	P	Portunus gibbesii	237	M	M	43	A0	R	N6	
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	C	N6	
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	D	N6	AM2
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	E	N6	OO
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	G	N6	PC1 EE2
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	L	N6	
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	M	N6	
08SN0500	I	P	Portunus gibbesii	238	M	M	40	A0	R	N6	
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	C	N6	
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	D	N6	
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	E	N6	
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	G	N6	LF1
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	L	N6	
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	M	N6	PN2
08SN0500	I	P	Portunus gibbesii	239	M	M	40	A0	R	N6	
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	C	N6	
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	D	N6	OO
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	E	N6	
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	G	N6	LG2
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	L	N6	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	M	N6	
08SN0500	I	P	Portunus gibbesii	240	M	M	48	A0	R	V6	
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	C	N7	
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	D	N0	LG1
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	E	A8	SN1
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	G	N0	PA1 FN1
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	L	A8	
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	M	N0	LG3
08SN0500	I	P	Penaeus aztecus	231	M	I	109	A0	R	N0	FN1
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	C	N7	
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	D	N0	
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	E	A7	
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	G	N0	PA1 FN1
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	L	A7	SN1
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	M	N0	DG1 FN2 LF1 PA1
08SN0500	I	P	Penaeus aztecus	232	F	I	137	A0	R	N0	
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	C	N7	
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	D	N0	SG1
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	E	O	
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	G	N0	LF2 FN2 IF1
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	L	A7	
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	M	N7	
08SN0500	I	P	Penaeus aztecus	233	M	I	107	A0	R	N0	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	C	N7	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	D	N0	SG1
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	E	A7	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	G	N0	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	L	A7	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	M	N0	
08SN0500	I	P	Penaeus aztecus	234	F	I	116	A0	R	N0	
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	C	N7	
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	D	N0	SG1 IF1 LF1
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	E	A7	
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	G	N0	LF2 PC1 FN1
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	L	A8	SN1
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	M	N0	
08SN0500	I	P	Penaeus aztecus	235	F	I	142	A0	R	N0	SN1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	D	N6	YP2
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	E	N6	
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	G	N6	NS1 PN4 SB0 LF1
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	L	N6	PZ1
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	M	N6	
09SN0500	I	P	Pitar cordatus	271	M	M	37	A0	R	N6	
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	D	N6	YP3
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	E	N6	
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	G	N6	NS0 LG3 MA4
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	L	N6	
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	M	N6	
09SN0500	I	P	Pitar cordatus	272	F	M	38	A0	R	N6	
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	D	N6	YP2
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	E	N6	
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	G	N6	NS1 SF9
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	L	N6	PZ5
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	M	N6	
09SN0500	I	P	Pitar cordatus	273	F	M	39	A0	R	N6	PZ2
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	D	N6	
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	E	N6	PZ1
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	G	N6	NS1 SF9
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	L	N6	PZ1 PZ3
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	M	N6	
09SN0500	I	P	Pitar cordatus	274	F	M	34	A0	R	N6	
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	D	N6	
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	E	N6	
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	G	N6	LG1 SF9
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	L	N6	
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	M	N6	
09SN0500	I	P	Pitar cordatus	275	F	M	33	A0	R	N6	DG1 LG1
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	C	N6	
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	D	00	
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	E	N6	LG2
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	G	N7	LG3
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	L	N6	LF2 PZ3
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	M	00	
09SN0500	I	P	Portunus spinicarpus	246	M	M	62	A0	R	N6	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	C	N6	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	D	N6	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	E	N6	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	G	N7	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	L	N6	LG4
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	M	N6	
09SN0500	I	P	Portunus spinicarpus	247	U	U	58	A0	R	00	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	C	N6	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	D	N6	LF0
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	E	V6	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	G	N8	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	L	N6	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	M	00	
09SN0500	I	P	Portunus spinicarpus	248	M	M	59	A0	R	N6	
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	C	00	
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	D	00	
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	E	N6	
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	G	N6	
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	L	N6	LF4 SN1
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	M	N6	DG2
09SN0500	I	P	Portunus spinicarpus	249	F	M	54	A0	R	N6	LF3
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	C	N6	
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	D	N6	SG1 LG1
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	E	N6	
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	G	N8	
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	L	N9	
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	M	N6	DG1
09SN0500	I	P	Portunus spinicarpus	250	M	U	59	A0	R	N6	LG5 NP9

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	C	N7	
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	D	N0	SG3 AM1
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	E	AR	
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	G	N0	PC1
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	L	A8	CE1 SN1
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	M	N0	
09SN0500	I	P	Penaeus aztecus	241	M	I	135	A0	R	N0	
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	C	N7	LF1
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	D	N0	SG3 SC1
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	E	V0	
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	G	N0	PC1 FN1 PA1
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	L	A8	
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	M	N0	
09SN0500	I	P	Penaeus aztecus	242	M	I	162	A0	R	N0	SN1
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	C	N7	
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	D	N0	SN1 SG1
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	E	O0	
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	G	N0	PC1
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	L	O0	
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	M	V8	
09SN0500	I	P	Penaeus aztecus	243	M	I	166	A0	R	N0	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	C	N7	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	D	N0	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	E	O	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	G	N0	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	L	A8	SC2
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	M	N0	
09SN0500	I	P	Penaeus aztecus	244	M	I	140	A0	R	N0	
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	C	O0	
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	D	N8	
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	E	N0	
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	G	N0	PC1
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	L	A8	SD2
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	M	N0	
09SN0500	I	P	Penaeus aztecus	245	F	I	165	A0	R	O	

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	G	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	M	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	G	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	V6		
10SN0500	I	P	Ostrea equestris	278	H	M	43	A0	G	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	G	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	G	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		

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	E	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	M	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	E	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	M	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	E	N6	PN9 MC0
11SN0500	I	P	Ostrea equestris	283	H	U	56	A0	G	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	M	N6	
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	E	N6	
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	G	N6	DM0
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	L	N6	DM1
11SN0500	I	P	Ostrea equestris	284	H	M	40	A0	M	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	E	N6	LG3
11SN0500	I	P	Ostrea equestris	285	M	U	35	A0	G	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	M	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	E	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	SC5
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	M	N6	
12SN0500	I	P	Noetia ponderosa	286	F	M	34	A0	R	N6	SN1
12SN0500	I	P	Noetia ponderosa	287	F	M	36	A0	D	N6	SC2
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	SC2 LF4
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	SC3
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	SC5 LF4
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	SC2
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	SC5
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	SC1
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	SC5
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	P	Pitar cordatus	311	F	M	043	A0	D	N6	YP4 DM4
13SN0500	I	P	Pitar cordatus	311	F	M	043	A0	E	N6	
13SN0500	I	P	Pitar cordatus	311	F	M	043	A0	G	N6	
13SN0500	I	P	Pitar cordatus	311	F	M	043	A0	L	N6	SN1 SC5 PZ1 LF5 LG2 YP4 IF2 IF5
13SN0500	I	P	Pitar cordatus	311	F	M	043	A0	M	N7	
13SN0500	I	P	Pitar cordatus	311	F	M	043	A0	R	N6	SN1
13SN0500	I	P	Pitar cordatus	312	F	M	42	A0	F	N6	SC1
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	D	N6	LF3 DM2 YP1
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	E	N6	
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	G	N6	
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	L	N6	SC5 IF2
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	M	N7	
13SN0500	I	P	Pitar cordatus	312	F	M	042	A0	R	N6	SN1 IF3
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	D	N6	YP5 PZ DM2
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	E	N6	LF0
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	F	N6	CU1 SC2
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	G	N6	
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	L	N6	SC3 LF3 YP3
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	M	N6	LF3
13SN0500	I	P	Pitar cordatus	313	F	M	042	A0	R	N6	
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	D	N6	YP5 LF2
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	E	N6	
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	G	N6	
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	L	N6	PZ8
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	M	N6	AM1
13SN0500	I	P	Pitar cordatus	314	F	M	042	A0	R	N6	SN1 FN2
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	D	N6	FN9 YP3
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	E	N6	
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	G	N6	
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	L	N6	LF2 LG3
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	M	N7	
13SN0500	I	P	Pitar cordatus	315	F	M	040	A0	R	N6	SC1 DG4
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	C	N6	LF9
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	D	O0	
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	E	N6	LG1
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	G	N6	
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	L	N6	LF2 PZ3
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	M	N6	LG0 SD0
13SN0500	I	P	Callinectes similis	306	F	U	092	A0	R	O0	
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	C	N6	
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	D	N6	
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	E	N6	
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	G	N6	HP0
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	L	N6	LP9
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	M	N6	PN0
13SN0500	I	P	Callinectes similis	307	M	M	090	A0	R	N6	
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	C	N6	PN3
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	D	O0	
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	E	N6	DG2
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	G	N6	CU1 LG2
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	L	N7	
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	M	N6	PN0
13SN0500	I	P	Callinectes similis	308	F	U	071	A0	R	V6	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	C	N6	PN3
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	D	N6	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	E	N6	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	G	N6	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	L	N7	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	M	N8	
13SN0500	I	P	Callinectes similis	309	F	I	080	A0	R	N6	DG3 LG2
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	C	N6	PN4
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	D	V6	
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	E	N6	LG1
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	G	N6	HP0 LF2
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	L	N6	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	M	N8	PN0
13SN0500	I	P	Callinectes similis	310	F	I	058	A0	R	D0	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	C	N0	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	D	N0	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	E	N0	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	G	N0	PA1
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	L	A9	
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	M	N0	DG1
13SN0500	I	P	Penaeus aztecus	301	F	I	160	A0	R	N0	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	C	N0	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	D	N0	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	E	N0	
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	G	N0	LF1
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	L	A9	SC4 SD3
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	M	N0	DG1
13SN0500	I	P	Penaeus aztecus	302	F	M	147	A0	R	N0	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	C	N0	LF1
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	D	N0	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	E	N0	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	G	N0	PC1
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	L	N0	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	M	N0	
13SN0500	I	P	Penaeus aztecus	303	F	I	155	A0	R	N0	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	C	N0	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	D	N0	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	E	N0	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	G	N0	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	L	A8	
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	M	N0	PC2
13SN0500	I	P	Penaeus aztecus	304	F	I	157	A0	R	N0	LG3
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	C	N0	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	D	N0	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	E	N0	LG2 SH1
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	G	N0	PC1
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	L	A9	
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	M	N0	DG1
13SN0500	I	P	Penaeus aztecus	305	F	I	136	A0	R	N0	SN1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	D	N7	
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	E	O0	
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	G	N6	
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	L	N7	
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	M	N6	
14SN0500	I	P	Isognomon radiatus	326	F	M	015	A0	R	N7	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	D	N7	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	E	O0	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	G	N6	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	L	N7	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	M	V6	
14SN0500	I	P	Isognomon radiatus	327	F	M	016	A0	R	N7	
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	D	N6	SA1
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	E	O0	
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	G	N6	
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	L	N6	
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	M	N6	LG3
14SN0500	I	P	Isognomon radiatus	328	F	M	020	A0	R	N6	
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	D	N6	
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	E	O0	
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	G	N6	
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	L	N6	
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	M	N6	LG2 LF2
14SN0500	I	P	Isognomon radiatus	329	F	M	019	A0	R	N6	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	D	N6	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	E	O0	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	G	N6	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	L	N6	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	M	N6	
14SN0500	I	P	Isognomon radiatus	330	M	M	018	A0	R	N6	
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	C	N6	LF2
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	D	N6	
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	E	N6	
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	G	N6	HP0 EE3 LF4 DG1
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	L	N6	
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	M	N6	
14SN0500	I	P	Callinectes similis	321	M	M	095	A0	R	N6	
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	C	N6	PN1
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	D	N6	
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	E	N6	
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	G	N6	
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	L	N6	CE1 LF1 IF3
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	M	N6	
14SN0500	I	P	Callinectes similis	322	M	M	091	A0	R	N6	
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	C	N6	IF9
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	D	N6	
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	E	N6	
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	G	N6	HP0
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	L	N6	
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	M	N6	
14SN0500	I	P	Callinectes similis	323	M	M	094	A0	R	N6	
14SN0500	I	P	Callinectes similis	324	M		093	A0	C	N6	LF9
14SN0500	I	P	Callinectes similis	324	M		093	A0	D	V6	
14SN0500	I	P	Callinectes similis	324	M		093	A0	E	N6	
14SN0500	I	P	Callinectes similis	324	M		093	A0	G	N6	HP2 DE1
14SN0500	I	P	Callinectes similis	324	M		093	A0	L	N6	
14SN0500	I	P	Callinectes similis	324	M		093	A0	M	N6	
14SN0500	I	P	Callinectes similis	324	M		093	A0	R	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	C	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	D	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	E	N6	LF4
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	G	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	L	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	M	N6	
14SN0500	I	P	Callinectes similis	325	M	M	084	A0	R	N6	LF1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	C	N0	
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	D	N0	
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	E	N0	
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	G	N0	LF2
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	L	A8	LG3
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	M	N0	
14SN0500	I	P	Penaeus aztecus	316	F	I	128	D1	R	N0	
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	B	N0	SN1
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	C	N0	
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	D	N0	
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	E	N0	
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	G	N0	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	N0	
14SN0500	I	P	Penaeus aztecus	317	M	I	118	D1	R	N0	
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	C	N0	HP5
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	D	N0	
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	E	N0	
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	G	N0	LF1 PA1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	L	A9	LF1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	M	N0	LF1 PA1 SN1
14SN0500	I	P	Penaeus aztecus	318	F	I	128	D1	R	N0	LG1
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	B	N0	SN1
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	C	N0	
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	D	N0	
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	E	N0	
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	G	N0	LF1 PC1
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	L	A8	LG3
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	M	N0	
14SN0500	I	P	Penaeus aztecus	319	M	I	115	D1	R	N0	
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	C	N0	
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	D	N0	
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	E	N0	
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	G	N0	LF1
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	L	A9	IF4 SC1
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	M	N0	LF3
14SN0500	I	P	Penaeus aztecus	320	M	I	110	D1	R	N0	

Site			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	E	N6	DG0 LG0
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	G	N6	
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	L	N6	PZ8 SC1 IF0 YP5
15SN0500	I	P	Pitar cordatus	341	F	U	035	T9	M	N6	DM9 MA5 AM9
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	M	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 SC1 YP1
15SN0500	I	P	Pitar cordatus	343	U	U	034	A0	M	N6	DM3 PN1 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	HP0
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	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	C	N0	
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	D	N0	LG3 SG3
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	E	N0	
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	G	N0	LF2
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	L	A8	SF1
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	M	N0	
15SN0500	I	P	Penaeus aztecus	331	F	M	212	A0	R	N0	
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	C	N0	
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	D	N0	SG3
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	E	N0	
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	G	N0	LF1
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	L	A8	SF3
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	M	N0	
15SN0500	I	P	Penaeus aztecus	332	F	M	219	A0	R	N0	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	C	N0	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	D	N0	SG1
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	E	N0	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	G	N0	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	L	A9	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	M	N0	
15SN0500	I	P	Penaeus aztecus	333	M	I	163	A0	R	N0	SN1
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	C	N0	LF2
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	D	N0	LF3
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	E	N0	
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	G	N0	
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	L	A8	LF1 SN1
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	M	N0	
15SN0500	I	P	Penaeus aztecus	334	M	M	174	A0	R	N0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	C	O0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	D	N0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	E	N0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	G	O0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	L	A8	PA1 SF1 SN1
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	M	N0	
15SN0500	I	P	Penaeus aztecus	335	M	M	156	A0	R	N0	

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	E	N6	
16SN0500	I	P	Pitar cordatus	356	F	M	033	A0	G	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	26	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	E	N6	
16SN0500	I	P	Pitar cordatus	357	M	M	026	A0	G	N6	
16SN0500	I	P	Pitar cordatus	357	M	M	026	A0	L	N6	
16SN0500	I	P	Pitar cordatus	357	M	M	026	A0	M	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	E	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	E	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	E	N6	PZ3
16SN0500	I	P	Pitar cordatus	360	F	M	024	A0	G	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	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	E	N6	LG1
16SN0500	I	P	Callinectes similis	351	M	U	089	A0	G	N6	FN2 IF4
16SN0500	I	P	Callinectes similis	351	M	U	089	A0	L	N6	
16SN0500	I	P	Callinectes similis	351	M	U	089	A0	M	N6	
16SN0500	I	P	Callinectes similis	351	M	U	089	A0	R	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	E	N6	LG1
16SN0500	I	P	Callinectes similis	352	M	U	092	A0	G	N6	CU1
16SN0500	I	P	Callinectes similis	352	M	U	092	A0	L	N6	
16SN0500	I	P	Callinectes similis	352	M	U	092	A0	M	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	V6	
16SN0500	I	P	Callinectes similis	353	M	U	084	A0	E	N6	LG1 LF3
16SN0500	I	P	Callinectes similis	353	M	U	084	A0	G	N6	CU1
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	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	E	00	
16SN0500	I	P	Callinectes similis	354	M	U	087	A0	G	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	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	E	00	
16SN0500	I	P	Callinectes similis	355	M	U	088	A0	G	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	M	N6	

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	N0	
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	D	N0	SG4
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	E	N0	LF1
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	G	N0	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	N0	
16SN0500	I	P	Penaeus aztecus	346	F	I	145	A0	R	N0	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	C	N0	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	D	N0	SG2
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	E	V8	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	G	N0	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	L	A7	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	M	N0	
16SN0500	I	P	Penaeus aztecus	347	M	M	132	A0	R	N0	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	C	N0	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	D	N0	SG1
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	E	N0	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	G	N0	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	N0	
16SN0500	I	P	Penaeus aztecus	348	M	M	124	A0	R	N0	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	C	N0	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	D	N0	FN1
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	E	N0	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	G	N0	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	L	A8	SC1
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	M	N0	
16SN0500	I	P	Penaeus aztecus	349	F	I	145	A0	R	N0	SC1
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	C	N0	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	D	N0	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	E	N0	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	G	N0	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	L	A8	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	M	N0	
16SN0500	I	P	Penaeus aztecus	350	M	M	127	A0	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	D	N6	
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	E	N6	
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	G	N6	
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	L	N6	
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	M	N6	AM1
17SN0500	I	P	Pitar cordatus	371	F	M	033	C9	R	N6	
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	D	N7	FN3 YP2
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	E	N6	
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	G	N6	
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	L	N7	AM2
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	M	N6	AM4
17SN0500	I	P	Pitar cordatus	372	M	M	037	C9	R	N6	AM4
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	D	N6	YP4
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	E	N6	
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	G	N6	
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	L	N6	
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	M	N7	AM1
17SN0500	I	P	Pitar cordatus	373	M	M	036	C9	R	N6	
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	D	N6	YP5
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	E	N6	
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	G	N6	SA1
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	L	N6	YP3
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	M	N7	AM1 MA2
17SN0500	I	P	Pitar cordatus	374	F	M	038	C9	R	N6	
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	D	N6	YP4
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	E	N6	
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	G	N6	
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	L	N6	PZ4
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	M	N7	AM3
17SN0500	I	P	Pitar cordatus	375	F	M	033	C9	R	N6	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	C	N7	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	D	V6	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	E	N6	LG2
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	G	Q0	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	L	N9	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	M	N7	
17SN0500	I	P	Callinectes similis	366	M	M	103	A0	R	V9	
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	C	N7	
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	D	N6	
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	E	N6	LG2
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	G	N7	HP1
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	L	N6	
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	M	N6	DG3
17SN0500	I	P	Callinectes similis	367	M	M	080	A0	R	N6	
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	C	N7	
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	D	N6	LF2
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	E	N6	LG1
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	G	N7	
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	L	N7	
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	M	N6	
17SN0500	I	P	Callinectes similis	368	M	M	073	A0	R	N6	
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	C	N7	
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	D	N6	
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	E	N6	LG2
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	G	N7	FN5 EE0
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	L	N8	
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	M	V6	
17SN0500	I	P	Callinectes similis	369	M	U	071	A0	R	N6	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	C	N7	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	D	V6	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	E	N6	LG1
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	G	N7	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	L	N7	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	M	N6	
17SN0500	I	P	Callinectes similis	370	M	M	075	A0	R	N6	

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	SG2
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	E	N0	LF1
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	G	N0	
17SN0500	I	P	Penaeus aztecus	361	F	M	207	D1	L	A7	SD3
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	E	N0	LF2
17SN0500	I	P	Penaeus aztecus	362	F	M	205	D1	G	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	LG3 SG3
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	E	V7	
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	G	N0	LF1 PA1
17SN0500	I	P	Penaeus aztecus	363	M	M	178	D1	L	A9	SD1
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	LG3
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	D	N0	SG3
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	E	N0	
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	G	N0	DG3
17SN0500	I	P	Penaeus aztecus	364	M	M	169	D1	L	A7	LG3
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	LG2
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	D	N0	
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	E	N0	
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	G	N0	DG1 PA1
17SN0500	I	P	Penaeus aztecus	365	M	M	164	D1	L	A7	DG1 SF1
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	ST1

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	P	Anadara ovalis	386	M	M	037	A0	E	N6	LG3
18SN0500	I	P	Anadara ovalis	386	M	M	037	A0	G	N6	EE3 PZ0
18SN0500	I	P	Anadara ovalis	386	M	M	037	A0	L	N6	MC4 SN1
18SN0500	I	P	Anadara ovalis	386	M	M	037	A0	M	N7	
18SN0500	I	P	Anadara ovalis	386	M	M	037	A0	R	N6	YP4
18SN0500	I	P	Anadara ovalis	387	F	M	33	A0	F	N6	SC1
18SN0500	I	P	Anadara ovalis	387	F	M	033	A0	D	N6	MC4 SC8
18SN0500	I	P	Anadara ovalis	387	F	M	033	A0	E	N6	LG3
18SN0500	I	P	Anadara ovalis	387	F	M	033	A0	G	N6	PZ1 EE2 HT1
18SN0500	I	P	Anadara ovalis	387	F	M	033	A0	L	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	P	Anadara ovalis	388	F	M	031	A0	E	N6	LG4
18SN0500	I	P	Anadara ovalis	388	F	M	031	A0	F	N6	SC1
18SN0500	I	P	Anadara ovalis	388	F	M	031	A0	G	N6	ST1 EE1
18SN0500	I	P	Anadara ovalis	388	F	M	031	A0	L	N6	SC6 MC4
18SN0500	I	P	Anadara ovalis	388	F	M	031	A0	M	N7	
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	P	Anadara ovalis	389	F	M	027	A0	E	N6	
18SN0500	I	P	Anadara ovalis	389	F	M	027	A0	G	N6	ST1 PZ2 CU0
18SN0500	I	P	Anadara ovalis	389	F	M	027	A0	L	N6	MC4 SC1
18SN0500	I	P	Anadara ovalis	389	F	M	027	A0	M	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	P	Anadara ovalis	390	F	M	038	A0	E	N6	
18SN0500	I	P	Anadara ovalis	390	F	M	038	A0	G	N6	PZ4 EE0 LF4 HP2
18SN0500	I	P	Anadara ovalis	390	F	M	038	A0	L	N6	MC4 SC4
18SN0500	I	P	Anadara ovalis	390	F	M	038	A0	M	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	P	Callinectes similis	381	M	U	068	A0	D	N6	
18SN0500	I	P	Callinectes similis	381	M	U	068	A0	E	N6	
18SN0500	I	P	Callinectes similis	381	M	U	068	A0	G	N7	LG3
18SN0500	I	P	Callinectes similis	381	M	U	068	A0	L	N7	FI3 IF0
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	P	Callinectes similis	382	F	M	072	A0	D	D0	
18SN0500	I	P	Callinectes similis	382	F	M	072	A0	E	N7	
18SN0500	I	P	Callinectes similis	382	F	M	072	A0	G	N7	PN3 LG2 EE0 LF4
18SN0500	I	P	Callinectes similis	382	F	M	072	A0	L	N6	FN4 IF5 LG2
18SN0500	I	P	Callinectes similis	382	F	M	072	A0	M	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	P	Callinectes similis	383	M	U	062	A0	D	V6	PN4
18SN0500	I	P	Callinectes similis	383	M	U	062	A0	E	N6	PN3
18SN0500	I	P	Callinectes similis	383	M	U	062	A0	G	N8	
18SN0500	I	P	Callinectes similis	383	M	U	062	A0	L	N6	FI0 PN0
18SN0500	I	P	Callinectes similis	383	M	U	062	A0	M	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	P	Callinectes similis	384	F	I	067	A0	D	N6	PN2
18SN0500	I	P	Callinectes similis	384	F	I	067	A0	E	N6	PN2
18SN0500	I	P	Callinectes similis	384	F	I	067	A0	G	N7	
18SN0500	I	P	Callinectes similis	384	F	I	067	A0	L	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	P	Callinectes similis	385	M	U	075	A0	D	N6	PN3
18SN0500	I	P	Callinectes similis	385	M	U	075	A0	E	N6	LG1 PN2
18SN0500	I	P	Callinectes similis	385	M	U	075	A0	G	N7	EE3
18SN0500	I	P	Callinectes similis	385	M	U	075	A0	L	N6	

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	E	N0	
18SN0500	I	P	Trachypenaeus similis	376	M	U	063	D1	G	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	Q0	
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	G	N0	LF2
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	L	N0	FN2
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	M	N0	FN1
18SN0500	I	P	Trachypenaeus similis	380	F	U	080	A0	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	D	N6	
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	E	D0	
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	G	N7	
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	L	N6	
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	M	N8	
19SN0500	I	P	Crassostrea virginica	401	M	M	105	A0	R	N6	
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	D	N7	MC4
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	E	N7	
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	G	N7	
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	L	N7	MC4
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	M	N9	
19SN0500	I	P	Crassostrea virginica	402	M	M	090	A0	R	N6	
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	D	N7	MC4
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	E	N8	
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	G	N7	
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	L	N7	MC4
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	M	N9	
19SN0500	I	P	Crassostrea virginica	403	M	M	090	A0	R	N6	
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	D	N8	MC4
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	E	N8	
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	G	N7	
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	L	N7	
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	M	N9	
19SN0500	I	P	Crassostrea virginica	404	M	M	083	A0	R	N6	
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	D	N6	MC0
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	E	V8	
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	G	N6	
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	L	N6	
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	M	N8	
19SN0500	I	P	Crassostrea virginica	405	F	M	044	A0	R	N6	
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	C	N6	
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	D	V6	
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	E	N6	LG2 LF4 PN0
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	G	N6	RY0 CE1 EE0 LF3 PC1
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	L	N6	LG5 SF0
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	M	N6	LF4
19SN0500	I	P	Callinectes sapidus	396	F	I	136	A0	R	N6	
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	C	N6	
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	D	D0	
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	E	N6	LG2 LF4 PN0
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	G	N7	RY0 EE4 PC1
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	L	N6	
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	M	N6	PN4
19SN0500	I	P	Callinectes sapidus	397	F	M	159	A0	R	N6	
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	C	N6	
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	D	N6	LG2
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	E	N6	LG2 LF3
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	G	N8	RY0 PC2
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	L	N7	
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	M	N6	
19SN0500	I	P	Callinectes sapidus	398	F	M	168	A0	R	N6	
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	C	N6	
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	D	N6	
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	E	N6	LG1
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	G	N6	CU1 RY0
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	L	N6	LF3 SF0
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	M	N6	
19SN0500	I	P	Callinectes sapidus	399	F	M	157	A0	R	N6	
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	C	N7	
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	D	N6	LG3
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	E	N6	LG1 FN1 LF1
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	G	N6	RY0 BA0 EE5 PC1 PC3
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	L	N6	LF2 SF0
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	M	N6	
19SN0500	I	P	Callinectes sapidus	400	F	M	167	A0	R	N6	

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	

HISTOPATHOLOGY OF VERTEBRATES

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	D	N0	CE2 LL2 SH2 AC1
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	E	N0	HC5 PE2
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	G	N0	HP1 VC2 MC3 LL2 AC3 EE2
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	L	N0	LL4 AC2 HC3 BF2 PZ1 EC3
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	M	N0	PE1
01PN0500	V	S	Archosargus probatocephalus	1	M	U	270	D1	R	N0	DG4 HC3 AC4 LF1
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	D	N0	CE5 LL1 PZ1 SH2 AC1
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	E	N0	HC5 SN2
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	G	N0	HP1 VC2 MC3 LL2 AC3
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	L	N0	LL2 AC2 HC2 BF1 PZ2 EC2
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	M	N0	
01PN0500	V	S	Archosargus probatocephalus	2	M	U	248	D1	R	N0	DG4 AC4 HC3 PZ1 LF1
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	D	N0	CE3 LL1 PZ1 AC2
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	E	N0	HC4 PE1
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	G	N0	HP1 VC3 MC2 LL3 AC2 EE1
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	L	N0	LL3 AC2 HC2 BF1 DG1
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	M	N0	
01PN0500	V	S	Archosargus probatocephalus	3	F	U	262	D1	R	N0	AO3 RG3 AC3 LF1
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	D	N0	CE3 PZ1 AC1
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	E	N0	PE3 HC3
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	G	N0	HP1 VC3 LL3 AC2 MC3 PZ1
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	L	N0	LL3 AC3 HC3 PZ3 DG1
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	M	N0	PE1
01PN0500	V	S	Archosargus probatocephalus	4	F	U	230	D1	R	N0	AO2 AC3 LF1
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	D	N0	CE2 LL3 PZ1 VG1 AC1
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	E	N0	HC5 SN2 PE1
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	G	N0	HP1 VC1 LL3 AC2 MC3
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	L	N0	LL1 AC3 HC3 BF2 LP1
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	M	O0	
01PN0500	V	S	Archosargus probatocephalus	5	M	U	274	D1	R	O0	DG5 AC4 HC2 LF1
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	D	N0	LL3 PZ2 SH2 AC3
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	E	N0	SN2 HC1 TD2
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	G	N0	VC3 MC1 PZ1 EE1 AC1 LL1
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	L	N0	LL1 AC1 HC1 LP3
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	M	N0	
01PN0500	V	S	Chaetodipterus faber	1	M	U	240	D1	R	N0	
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	D	N0	CE1 PZ2 SH4 AC3
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	E	N0	PM3 HC3
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	G	N0	HP1 VC2 MC3 PZ1 EE2 AC1 LL1
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	L	N0	HC3 BF3 LP3
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	M	N0	
01PN0500	V	S	Chaetodipterus faber	2	F	U	283	D1	R	N0	AO3
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	D	N0	CE3 PZ1 AC4
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	E	N0	HC2
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	G	N0	VC1 MC3 PZ1 EE3 AC3 LL1
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	L	N0	HC3 BF2 DG2
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	M	N0	
01PN0500	V	S	Chaetodipterus faber	3	F	U	336	D1	R	N0	AO3
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	D	N0	CE3 LL2 PZ3 SH1 AC4
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	E	N0	HC3 PE2 SN2 AC2
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	G	N0	VC2 MC3 AC3 EE2 LL1
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	L	N0	AC1 HC3 BF3 LP1
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	M	N0	
01PN0500	V	S	Chaetodipterus faber	4	F	U	304	D1	R	N0	AO2
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	D	N0	CE1 LL2 PZ3 AC3
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	E	N0	HC2 PM2 AC3
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	G	N0	HP1 VC3 MC3 AC3 EE2 LL2
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	L	N0	AC1 HC2 BF2 LP2
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	M	N0	
01PN0500	V	S	Chaetodipterus faber	5	F	U	273	D1	R	N0	AO3

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	D	N0	CE1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	E	N0	PE1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	G	N0	VC1 MC3 PZ1 AC1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	L	N0	AC1 HC1 PZ1
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	M	N0	
02PN0500	V	P	Micropogon undulatus	1	U	U	137	D1	R	O0	
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	D	N0	LL1 PZ2
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	E	N0	PE1 PM3
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	G	N0	VG2 MC3 AC2 PZ2
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	L	N0	LL1 AC1
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	M	N0	PE1
02PN0500	V	P	Micropogon undulatus	2	U	U	145	D1	R	O0	
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	D	N0	LL1 SH1
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	E	N0	
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	G	N0	HP1 VC3 MC3 AC2 PZ2 SA1 LL2
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	L	N0	LL1 AC1
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	M	N0	
02PN0500	V	P	Micropogon undulatus	3	U	U	141	D1	R	O0	
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	D	N0	CE1 SH4
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	E	N0	
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	G	N0	VC3 MC3 PZ1 LL1 EE1 AC1
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	L	N0	LL1 AC1
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	M	N0	
02PN0500	V	P	Micropogon undulatus	4	F	U	140	D1	R	N0	AC1 HC1
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	D	N0	LL1
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	E	N0	PE2 PM5 HC3
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	G	N0	VC3 MC3 PZ3 LL1 AC2
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	L	N0	AC2 HC2 DG2
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	M	N0	
02PN0500	V	P	Micropogon undulatus	5	U	U	131	D1	R	O0	
02PN0500	V	P	Arius felis	1	F	U	245	D1	D	N0	CE5
02PN0500	V	P	Arius felis	1	F	U	245	D1	E	N0	TD2 HC3
02PN0500	V	P	Arius felis	1	F	U	245	D1	G	N0	HP2 VC4 MC4 EE4 AC3 PZ1
02PN0500	V	P	Arius felis	1	F	U	245	D1	L	N0	LL1 HC4 BF1
02PN0500	V	P	Arius felis	1	F	U	245	D1	M	O0	NT0
02PN0500	V	P	Arius felis	1	F	U	245	D1	R	N0	HC4
02PN0500	V	P	Arius felis	2	F	U	290	D1	D	N0	CE2
02PN0500	V	P	Arius felis	2	F	U	290	D1	E	N0	SH1 HC3
02PN0500	V	P	Arius felis	2	F	U	290	D1	G	N0	HP1 VC5 MC4 EE3 AC3 LL2
02PN0500	V	P	Arius felis	2	F	U	290	D1	L	N0	LL1 HC4
02PN0500	V	P	Arius felis	2	F	U	290	D1	M	N0	PE2
02PN0500	V	P	Arius felis	2	F	U	290	D1	R	N0	AO1 MA3 HC4
02PN0500	V	P	Arius felis	3	F	U	230	D1	D	N0	CE5 LL2
02PN0500	V	P	Arius felis	3	F	U	230	D1	E	N0	HC3 GS1 TD2
02PN0500	V	P	Arius felis	3	F	U	230	D1	G	N0	HP1 VC3 MC2 LL3 PZ1 AC1
02PN0500	V	P	Arius felis	3	F	U	230	D1	L	N0	LL2 HC2 DG1
02PN0500	V	P	Arius felis	3	F	U	230	D1	M	N0	SC1 PE3
02PN0500	V	P	Arius felis	3	F	U	230	D1	R	N0	
02PN0500	V	P	Arius felis	4	F	U	255	D1	D	N0	CE5
02PN0500	V	P	Arius felis	4	F	U	255	D1	E	N0	HC3 SH1
02PN0500	V	P	Arius felis	4	F	U	255	D1	G	N0	VC2 MC2 PZ1
02PN0500	V	P	Arius felis	4	F	U	255	D1	L	N0	LL1 HC3 BF1 DG1
02PN0500	V	P	Arius felis	4	F	U	255	D1	M	N0	PE2
02PN0500	V	P	Arius felis	4	F	U	255	D1	R	N0	HC2 LL1
02PN0500	V	P	Arius felis	5	F	U	212	D1	D	N0	
02PN0500	V	P	Arius felis	5	F	U	212	D1	E	N0	HC2
02PN0500	V	P	Arius felis	5	F	U	212	D1	G	N0	VC2 MC2
02PN0500	V	P	Arius felis	5	F	U	212	D1	L	N0	HC2
02PN0500	V	P	Arius felis	5	F	U	212	D1	M	N0	PE3
02PN0500	V	P	Arius felis	5	F	U	212	D1	R	N0	HC2

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	E	N0	PE1
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	G	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	M	N0	
03PN0500	V	P	Lutjanus campechanus	1	M	U	203	D1	R	N0	RG4
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	D	N0	
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	E	N0	PM2
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	G	N0	VC3 MC3 AC4 LL2 EE2
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	L	N0	LL1 HC2 BF1 PZ1
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	M	N0	PE1
03PN0500	V	P	Lutjanus campechanus	2	M	U	244	D1	R	N0	RG3
03PN0500	V	P	Lutjanus campechanus	3	M	U	241	D1	D	N0	PZ2
03PN0500	V	P	Lutjanus campechanus	3	M	U	241	D1	E	N0	
03PN0500	V	P	Lutjanus campechanus	3	M	U	241	D1	G	N0	VC3 MC3 AC3 LL2 EE2
03PN0500	V	P	Lutjanus campechanus	3	M	U	241	D1	L	N0	LL1 HC1 BF1
03PN0500	V	P	Lutjanus campechanus	3	M	U	241	D1	M	N0	
03PN0500	V	P	Lutjanus campechanus	3	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	E	N0	PM2 GS3 PE2 PL1
03PN0500	V	P	Lutjanus campechanus	4	F	U	225	D1	G	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	M	N0	
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	E	O0	
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	G	N0	MC3 AC1 LL1
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	L	N0	PZ1
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	M	N0	
03PN0500	V	P	Lutjanus campechanus	5	U	U	84	D1	R	O0	
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	E	N0	HC4 PM2
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	G	N0	HP1 VC4 MC3 AC2 PZ3 LL3
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	L	N0	LL1 AC3 HC1 BF3
03PN0500	V	P	Lagodon rhomboides	1	M	U	215	D1	M	N0	
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	E	O0	
03PN0500	V	P	Lagodon rhomboides	2	F	U	260	D1	G	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	M	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	E	N0	HC4 SH1 PM4
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	G	N0	VC3 MC3 AC2 PZ1 LL3 EE2
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	L	N0	AC4 HC3 BF2 LP2
03PN0500	V	P	Lagodon rhomboides	3	M	U	205	D1	M	N0	
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	E	N0	HC4
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	G	N0	VC3 MC2 AC2 LL2 EE2
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	L	N0	LL1 AC4 HC1 LP1
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	M	N0	
03PN0500	V	P	Lagodon rhomboides	4	M	U	193	D1	R	N0	LL4 HC2
03PN0500	V	P	Lagodon rhomboides	5				D1			

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	D	N0	LL1 AC3
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	E	N0	PM1 HC4
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	G	N0	HP1 VC4 MC3 AC2 PZ3 LL3
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	L	N0	AC3 HC2 BF1
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	M	N0	
04PN0500	V	P	Lagodon rhomboides	1	M	U	230	D1	R	N0	AC3 LC1 HC2 CE2
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	D	N0	CE1 PZ4 SH2
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	E	N0	PM2 HC5
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	G	N0	VC4 MC3 AC1 PZ2 LL1
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	L	N0	AC3 HC3 BF1 PZ3 DG1 LP1
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	M	N0	
04PN0500	V	P	Lagodon rhomboides	2	M	U	273	D1	R	O0	
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	D	N0	CE3 LL3 AC2
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	E	N0	PM3 HC4 HA1
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	G	N0	VC3 MC1 AC3 PZ1 LL2 EE2
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	L	N0	LL1 AC4 HC2 BF1 LP1
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	M	N0	
04PN0500	V	P	Lagodon rhomboides	3	F	U	260	D1	R	N0	CE2 HC3 AC1 AO1
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	D	N0	CE3 VG1 AC3
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	E	O0	
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	G	N0	VC2 MC2 AC2 LL2
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	L	N0	LL1 AC1 HC2 BF1 PZ1 SH1
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	M	O0	
04PN0500	V	P	Lagodon rhomboides	4	F	U	297	D1	R	N0	HC2 AO1 AC1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	D	N0	LL1 PZ1 SH1 AC1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	E	O0	
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	G	N0	VC3 MC2 AC1 LL2
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	L	N0	LL1 AC2 HC2 BF1 PZ1
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	M	N0	
04PN0500	V	P	Lagodon rhomboides	5	U	U	242	D1	R	O0	
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	D	N0	CE1 SH2
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	E	N0	SH4 PE3 HC2
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	G	N0	SH1
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	L	N0	LL1 PZ1 SH1
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	M	N0	
04PN0500	V	P	Cyclopsetta chittendeni	1	F	U	102	D1	R	N0	AO2
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	D	N0	PZ1 SH5
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	E	N0	HC1
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	G	N0	VC1 PZ2 EE1
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	L	N0	
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	M	N0	
04PN0500	V	P	Cyclopsetta chittendeni	2	M	U	103	D1	R	N0	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	D	N0	CE1 SH3
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	E	N0	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	G	N0	EE1 VC1 PZ2
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	L	N0	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	M	N0	
04PN0500	V	P	Cyclopsetta chittendeni	3	F	U	104	D1	R	N0	AO3
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	D	N0	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	E	N0	PM2
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	G	N0	EE2 PZ1
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	L	N0	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	M	N0	
04PN0500	V	P	Cyclopsetta chittendeni	4	F	U	86	D1	R	N0	AO4
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	D	N0	LL1 PZ1 SH3
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	E	N0	PM2
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	G	N0	PZ3
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	L	N0	
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	M	N0	
04PN0500	V	P	Cyclopsetta chittendeni	5	U	U	111	D1	R	O0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
21C	V	P	Arius felis	1	U	U	265	D1	D	N0	CE2
21C	V	P	Arius felis	1	U	U	265	D1	E	00	
21C	V	P	Arius felis	1	U	U	265	D1	G	N0	VC1 EE1 LL1 SH1 MC1
21C	V	P	Arius felis	1	U	U	265	D1	L	N0	LL1 HC4 BF1 DG1
21C	V	P	Arius felis	1	U	U	265	D1	M	N0	PE1
21C	V	P	Arius felis	1	U	U	265	D1	R	00	
21C	V	P	Arius felis	2		U	200	D1	D	N0	CE2
21C	V	P	Arius felis	2		U	200	D1	E	00	
21C	V	P	Arius felis	2		U	200	D1	G	N0	VC1 MC1
21C	V	P	Arius felis	2		U	200	D1	L	N0	LL3 AC1 HC2
21C	V	P	Arius felis	2		U	200	D1	M	N0	PE2
21C	V	P	Arius felis	2		U	200	D1	R	00	
21C	V	P	Arius felis	3	U	U	272	D1	D	N0	CE2
21C	V	P	Arius felis	3	U	U	272	D1	E	00	
21C	V	P	Arius felis	3	U	U	272	D1	G	N0	EE1 VC1 SH1 MC2
21C	V	P	Arius felis	3	U	U	272	D1	L	N0	LL4 HC3 DG4
21C	V	P	Arius felis	3	U	U	272	D1	M	N0	
21C	V	P	Arius felis	3	U	U	272	D1	R	00	
21C	V	P	Arius felis	4	U	U	237	D1	D	N0	
21C	V	P	Arius felis	4	U	U	237	D1	E	00	
21C	V	P	Arius felis	4	U	U	237	D1	G	N0	VC1 EE1 PZ1 MC1 LL2
21C	V	P	Arius felis	4	U	U	237	D1	L	N0	LL1 HC3 BF1 DG1
21C	V	P	Arius felis	4	U	U	237	D1	M	N0	
21C	V	P	Arius felis	4	U	U	237	D1	R	00	
21C	V	P	Arius felis	5	U	U	260	D1	D	N0	
21C	V	P	Arius felis	5	U	U	260	D1	E	N0	TD3 PM2 HC3
21C	V	P	Arius felis	5	U	U	260	D1	G	N0	VC2 EE2 LL2 MC1
21C	V	P	Arius felis	5	U	U	260	D1	L	N0	LL1 HC3
21C	V	P	Arius felis	5	U	U	260	D1	M	N0	PE1
21C	V	P	Arius felis	5	U	U	260	D1	R	00	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
22C	V	P	Trachurus lathami	1	U	U	74	D1	D	N0	
22C	V	P	Trachurus lathami	1	U	U	74	D1	E	N0	HC2
22C	V	P	Trachurus lathami	1	U	U	74	D1	G	N0	SX3 VC2 EE1
22C	V	P	Trachurus lathami	1	U	U	74	D1	L	N0	AC1 PZ1
22C	V	P	Trachurus lathami	1	U	U	74	D1	M	N0	
22C	V	P	Trachurus lathami	1	U	U	74	D1	R	00	
22C	V	P	Trachurus lathami	2	U	U	68	D1	D	N0	
22C	V	P	Trachurus lathami	2	U	U	68	D1	E	N0	HC2
22C	V	P	Trachurus lathami	2	U	U	68	D1	G	N0	SX2 VC2 EE2
22C	V	P	Trachurus lathami	2	U	U	68	D1	L	N0	AC1
22C	V	P	Trachurus lathami	2	U	U	68	D1	M	N0	
22C	V	P	Trachurus lathami	2	U	U	68	D1	R	00	
22C	V	P	Trachurus lathami	3	U	U	90	D1	D	N0	
22C	V	P	Trachurus lathami	3	U	U	90	D1	E	N0	SH1 HC3
22C	V	P	Trachurus lathami	3	U	U	90	D1	G	N0	SX2 VC1 EE1
22C	V	P	Trachurus lathami	3	U	U	90	D1	L	N0	LL2 AC1 LP1
22C	V	P	Trachurus lathami	3	U	U	90	D1	M	N0	
22C	V	P	Trachurus lathami	3	U	U	90	D1	R	00	
22C	V	P	Trachurus lathami	4				D1			
22C	V	P	Trachurus lathami	5				D1			
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	B	N0	SH2
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	D	N0	PZ4 SH1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	E	N0	
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	G	N0	VC1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	L	N0	AC1
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	M	N0	
22C	V	P	Halieutichthys aculeatus	1	M	U	50	D1	R	00	DG4
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	D	N0	PZ4 SH1
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	E	N0	
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	G	N0	PC3
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	L	N0	BF2 SH1
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	M	N0	
22C	V	P	Halieutichthys aculeatus	2	F	U	47	D1	R	N0	AO1
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	D	N0	PZ1 SH1
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	E	N0	
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	G	N0	PC3
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	L	N0	
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	M	N0	
22C	V	P	Halieutichthys aculeatus	3	F	U	43	D1	R	N0	AO1
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	D	N0	PZ3
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	E	N0	
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	G	N0	EE3 PZ1 MC2
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	L	N0	
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	M	N0	
22C	V	S	Halieutichthys aculeatus	4		U	41	D1	R	N0	DG4
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	D	N0	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	E	N0	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	G	N0	EE2 MC1
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	L	N0	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	M	N0	
22C	V	S	Halieutichthys aculeatus	5	U	U	49	D1	R	00	

Site			Species	No.	Sex	Mat	Len	Cond	Urg	Cond	Hist
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	D	N0	CE1 LL4 PZ1 SH1 AC1
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	E	N0	HC2
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	G	N0	EE3 VC2
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	L	N0	
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	M	N0	
23C	V	P	Lagodon rhomboides	1	U	U	50	D1	R	O0	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	D	N0	PZ1 SH1 AC2
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	E	N0	HC1
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	G	N0	EE1 SX1 VC1
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	L	N0	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	M	N0	
23C	V	P	Lagodon rhomboides	2	F	U	46	D1	R	N0	OG2 AC2
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	D	N0	AC3
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	E	O0	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	G	N0	EE2 VC1 SX3
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	L	N0	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	M	N0	
23C	V	P	Lagodon rhomboides	3	U	U	48	D1	R	O0	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	D	N0	PZ5
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	E	O0	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	G	N0	EE4
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	L	N0	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	M	N0	
23C	V	P	Lagodon rhomboides	4	U	U	49	D1	R	O0	
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	D	N0	PZ2 SH1 AC1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	E	N0	HC1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	G	N0	SX1 EE1
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	L	N0	LL2
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	M	N0	
23C	V	P	Lagodon rhomboides	5	U	U	45	D1	R	O0	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	D	N0	CE4 PZ4
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	E	N0	PM2 SH1 XX1
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	G	O0	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	L	N0	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	M	O0	
23C	V	P	Cyclopsetta chittendeni	1	F	U	167	D1	R	N0	AO2
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	D	N0	CE1 PZ1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	E	N0	XX1 PE1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	G	N0	MC2
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	L	N0	BF1
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	M	O0	
23C	V	P	Cyclopsetta chittendeni	2	M	U	170	D1	R	N0	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	D	N0	CE4 PZ1
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	E	N0	XX4 PM2 PE1
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	G	N0	MC3
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	L	N0	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	M	O0	
23C	V	P	Cyclopsetta chittendeni	3	F	U	155	D1	R	N0	AO3
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	D	N0	PZ3 SH1
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	E	N0	XX2 PE1
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	G	N0	MC1
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	L	N0	PZ1 DG1
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	M	O0	
23C	V	P	Cyclopsetta chittendeni	4	F	U	182	D1	R	N0	AO1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	D	N0	PZ2 SH1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	E	N0	XX1 PE1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	G	N0	MC2
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	L	N0	DG1
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	M	O0	
23C	V	P	Cyclopsetta chittendeni	5	F	U	176	D1	R	N0	AO2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	D	N0	AC2 PZ1 HC1
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	E	N0	HC1 AC5 PM2
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	G	N0	PZ1
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	L	N0	BF1 LP1
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	M	N0	
05SN0500	V	P	Micropogon undulatus	1	M	I	160	D1	R	N0	AC1 LL1
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	D	N0	CE2 LL1 AC5 HC1
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	E	N0	HC1 SH3 PM1
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	G	N0	
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	L	N0	AC3 HC1
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	M	N0	PE1
05SN0500	V	P	Micropogon undulatus	2	F	M	190	A0	R	N0	AO1 AC1
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	D	N0	CE1 LL2 AC5 HC2
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	E	N0	HC1 PM1 SH1 PE1
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	G	N0	EE2 LL1 MC1
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	L	N0	LL1 AC2
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	M	N0	
05SN0500	V	P	Micropogon undulatus	3	F	M	200	A0	R	N0	AO1 AC1
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	D	N0	CE1 LL1 SH1 AC4 PZ1 HC2
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	E	N0	HC1 AC3 PM1
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	G	N0	EE1 MC1
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	L	N0	AC1 HC1 OG2
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	M	N0	
05SN0500	V	P	Micropogon undulatus	4	M		200	A0	R	N0	AC2
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	D	N0	CE2 LL1 AC5 HC4
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	E	N0	PM HC1
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	G	N0	EE1 PZ1
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	L	N0	AC1 HC1 PZ1
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	M	N0	
05SN0500	V	P	Micropogon undulatus	5	F	M	170	A0	R	N0	LL1 AC1 AO1
05SN0500	V	P	Arius felis	1	F	M	330	A0	D	N0	CE5
05SN0500	V	P	Arius felis	1	F	M	330	A0	E	N0	HC3
05SN0500	V	P	Arius felis	1	F	M	330	A0	G	N0	HP1 HC1
05SN0500	V	P	Arius felis	1	F	M	330	A0	L	N0	HC5 CE1 LP1
05SN0500	V	P	Arius felis	1	F	M	330	A0	M	N0	PE3
05SN0500	V	P	Arius felis	1	F	M	330	A0	R	N0	HC3 AC2 AO1
05SN0500	V	P	Arius felis	2	F	M	330	A0	D	N0	
05SN0500	V	P	Arius felis	2	F	M	330	A0	E	N0	HC2
05SN0500	V	P	Arius felis	2	F	M	330	A0	G	N0	LL1 HC1
05SN0500	V	P	Arius felis	2	F	M	330	A0	L	P7	HC3 LP1
05SN0500	V	P	Arius felis	2	F	M	330	A0	M	N0	
05SN0500	V	P	Arius felis	2	F	M	330	A0	R	N0	AC1 HC1
05SN0500	V	P	Arius felis	3	F	M	240	A0	D	N0	CE2 LL2 PZ1
05SN0500	V	P	Arius felis	3	F	M	240	A0	E	N0	HC1 SH1
05SN0500	V	P	Arius felis	3	F	M	240	A0	G	N0	PE1 LL1 VC1
05SN0500	V	P	Arius felis	3	F	M	240	A0	L	N0	LL1 HC1
05SN0500	V	P	Arius felis	3	F	M	240	A0	M	N0	
05SN0500	V	P	Arius felis	3	F	M	240	A0	R	N0	AC1 HC1 AO1
05SN0500	V	P	Arius felis	4	M	I	280	A0	D	N0	CE5 LL1 PZ2
05SN0500	V	P	Arius felis	4	M	I	280	A0	E	N0	HC1
05SN0500	V	P	Arius felis	4	M	I	280	A0	G	N0	
05SN0500	V	P	Arius felis	4	M	I	280	A0	L	N0	LL1 HC4
05SN0500	V	P	Arius felis	4	M	I	280	A0	M	N0	
05SN0500	V	P	Arius felis	4	M	I	280	A0	R	N0	HC2 LF1
05SN0500	V	P	Arius felis	5	F	M	310	A0	D	N0	CE5 LL1 AC2 PZ1
05SN0500	V	P	Arius felis	5	F	M	310	A0	E	P7	HC2
05SN0500	V	P	Arius felis	5	F	M	310	A0	G	N0	VC1 LL1 PE1
05SN0500	V	P	Arius felis	5	F	M	310	A0	L	P7	LL1 HC5 BF1 CE3 SH1
05SN0500	V	P	Arius felis	5	F	M	310	A0	M	N0	
05SN0500	V	P	Arius felis	5	F	M	310	A0	R	N0	AO1 HC2

Site			Species	No.	Sex	Mat	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	E	N0	HC3 PM3
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	G	N0	EE1 LL1 ST1
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	L	N0	LL1 HC1 BF1 DG1 LP3
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	M	N0	
06S	V	P	Chaetodipterus faber	1	F	M	310	A0	R	N0	DG3 AO2
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	D	N0	LL2 AC1 PZ3
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	E	N0	HC3 PM3 SH2
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	G	N0	EE1 LL1 PE1 MC1
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	L	N0	LL1 HC1 BF2 PZ1 DG4 LP5
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	M	N0	
06S	V	P	Chaetodipterus faber	2	F	M	300	A0	R	N0	LF1
06S	V	P	Chaetodipterus faber	3	F	M	340	A0	D	P7	CE1 LL3 SH1 AC1 PZ4
06S	V	P	Chaetodipterus faber	3	F	M	340	A0	E	N0	HC3 PM4 PE2
06S	V	P	Chaetodipterus faber	3	F	M	340	A0	G	N0	EE1 LL1 VC1 MC1
06S	V	P	Chaetodipterus faber	3	F	M	340	A0	L	N0	LL1 AC1 HC2 BF2 CE2 DG2 LP3
06S	V	P	Chaetodipterus faber	3	F	M	340	A0	M	N0	
06S	V	P	Chaetodipterus faber	3	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	E	N0	HC3 PM3
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	G	P7	HP1 VC1 LL1 SH1 MC1 SA1
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	L	N0	LL1 HC2 BF2 DG2 LP4
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	M	N0	
06S	V	P	Chaetodipterus faber	4	F	M	320	D1	R	N0	AO1 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	E	N0	HC3 PM3
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	G	P7	VC1 LL1 SA1
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	L	D9	AC1 HC1 BF1 DG2 LP5
06S	V	P	Chaetodipterus faber	5	M	M	330	D1	M	N0	
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	E	N0	TD2 HC1
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	G	N0	AC1 VC1
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	L	N0	AC2 HC2
06SN0500	V	P	Micropogon undulatus	1	M	I	200	D1	M	N0	
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	E	N0	HC1 SH2 PM1
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	G	N0	HP1 VC1 SH1
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	L	N0	AC1 HC1
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	M	N0	
06SN0500	V	P	Micropogon undulatus	2	F	M	180	D1	R	N0	HC1 AC1 AO1
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	E	N0	HC1 PE1
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	G	N0	
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	L	N0	LL1 AC2 HC1 DG1
06SN0500	V	P	Micropogon undulatus	3	F	M	200	D1	M	N0	
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	E	N0	HC1
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	G	N0	
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	L	N0	LL2 AC3 HC1 BF1 PZ1
06SN0500	V	P	Micropogon undulatus	4	M	I	210	D1	M	N0	
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	E	N0	SH2 PM1 HC1
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	G	N0	PE1 SA1
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	L	N0	HC1
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	M	N0	
06SN0500	V	P	Micropogon undulatus	5	F	M	230	D1	R	N0	LF1 HC1 AO1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	D	N0	CE1
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	E	N0	PM3 HC1
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	G	N0	
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	L	N0	LL1 BF1 DG1
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	M	N0	
07SN0500	V	P	Centropristis philadelphicus	1	M	I	230	D1	R	N0	AC1 HC3
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	D	N0	
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	E	N0	HC2
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	G	N0	LL1
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	L	N0	LL1 BF1 CE1 SH1
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	M	N0	
07SN0500	V	P	Centropristis philadelphicus	2	F	I	190	D1	R	N0	AO1 HC1 LC1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	D	N0	
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	E	N0	PM3 AC1 HC1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	G	N0	SX1 LL1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	L	N0	LL1 AC1 BF1
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	M	N0	
07SN0500	V	P	Centropristis philadelphicus	3	F	I	180	D1	R	N0	HC1 LC1 AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	D	N0	AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	E	N0	PM2 AC1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	G	N0	
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	L	N0	LL1 AC1 DG1
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	M	N0	
07SN0500	V	P	Centropristis philadelphicus	4	F	I	180	D1	R	N0	AC4 AO1 LF2
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	D	N0	AC1 HC1
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	E	N0	PM1 HC1
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	G	N0	
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	L	N0	
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	M	N0	
07SN0500	V	P	Centropristis philadelphicus	5	F	I	180	D1	R	N0	HC1 AO1 AC1
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	D	N0	CE1 PZ5
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	E	N0	AC1
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	G	N0	MC1
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	L	N0	
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	M	N0	
07SN0500	V	P	Cyclopsetta chittendeni	1	M	U	210	D1	R	N0	
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	D	N0	PZ5 HC1
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	E	N0	HC1 AC1
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	G	N0	MC1
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	L	N0	
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	M	N0	
07SN0500	V	P	Cyclopsetta chittendeni	2	M	U	210	D1	R	N0	AC1
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	D	N0	PZ5
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	E	N0	HC1
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	G	N0	
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	L	N0	
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	M	N0	
07SN0500	V	P	Cyclopsetta chittendeni	3	M	U	200	D1	R	N0	
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	D	N0	CE1 PZ5 HC1
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	E	N0	PM2 HC1 XX1
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	G	N0	MC1
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	L	N0	
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	M	N0	
07SN0500	V	P	Cyclopsetta chittendeni	4	M	U	220	D1	R	N0	
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	D	N0	PZ4
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	E	N0	PM1
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	G	N0	MC1
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	L	N0	
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	M	N0	
07SN0500	V	P	Cyclopsetta chittendeni	5	F	M	210	D1	R	N0	AO1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	D	N0	CE1 LL3 AC4 PZ1 HC1
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	E	N0	HC3
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	G	N0	EE2 VC2 MC1
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	L	N0	AC1 HC1
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	M	N0	
08SN0500	V	P	Micropogon undulatus	1	F	M	180	D1	R	N0	LF1 HC1
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	D	N0	CE3 LL2 HC1
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	E	N0	HC2
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	G	N0	EE1 VC1 MC1 LL1
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	L	N0	LL1 AC1 HC1 BF1 CE1
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	M	N0	
08SN0500	V	P	Micropogon undulatus	2	M	M	190	D1	R	N0	AC2
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	D	N0	LL1 SH1 AC5 HC2
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	E	N0	HC2 PM1
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	G	N0	LL1
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	L	N0	AC1 HC2 PZ5 DG3 SH3
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	M	N0	
08SN0500	V	P	Micropogon undulatus	3	M	M	200	D1	R	N0	AC2
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	D	N0	CE2 LL3 AC5 HC1
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	E	N0	HC1
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	G	N0	
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	L	N0	AC2 HC1
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	M	N0	
08SN0500	V	P	Micropogon undulatus	4	M	I	200	D1	R	N0	AC2
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	D	N0	LL1 AC5 HC1
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	E	N0	PM2 HC2 SH1
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	G	N0	LL1
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	L	N0	AC2 HC1 BF3 CE1 SH1
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	M	N0	
08SN0500	V	P	Micropogon undulatus	5	F	M	200	D1	R	N0	AC1 HC1
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	D	N0	CE3 LL2 AC2 PZ2 HC1
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	E	N0	HC2 PM4 AC3
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	G	N0	VC1
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	L	N0	LL3 AC1 HC1 BF1 LP3
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	M	N0	
08SN0500	V	P	Chaetodipterus faber	1	M	M	260	D1	R	N0	LF4 HC1 AC1
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	D	P7	CE1 LL1 AC2 PZ2
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	E	N0	HC1 PM3 AC3
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	G	P7	VC1 PZ1 MC1 SA1
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	L	N0	AC1 HC1 LP5
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	M	N0	
08SN0500	V	P	Chaetodipterus faber	2	M	M	280	D1	R	N0	AC1 LF4 HC1
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	D	P9	CE1 LL1 AC3 PZ4 HC3
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	E	N0	HC2 PM2 SH1 AC1
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	G	N0	VC1 PZ1
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	L	N0	AC1 HC2 BF1 LP4
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	M	N0	
08SN0500	V	P	Chaetodipterus faber	3	F	M	310	D1	R	N0	HC2 AC1 AO1
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	D	P7	AC2 PZ2 HC1
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	E	N0	HC3 PM4 AC3
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	G	N0	VC1 LL1
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	L	N0	LL3 HC5 BF5 DG1 LP1
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	M	N0	
08SN0500	V	P	Chaetodipterus faber	4	F	M	350	D1	R	N0	AO4 HC2 LF1
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	D	P7	CE1 LL1 AC1 PZ4 HC1
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	E	N0	HC2 AC1 PM1
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	G	P7	VC2 LL1 SA1
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	L	N0	LL1 AC1 HC2 BF1 LP4
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	M	N0	
08SN0500	V	P	Chaetodipterus faber	5	F	U	300	D1	R	N0	LF1 HC2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist				
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	D	N0	CE1	LL1	SH2	AC2	HC1
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	E	N0	HC2	PM4	SH3		
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	G	N0	VC1	PE1			
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	L	N0	AC3	HC2			
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	M	N0					
09SN0500	V	P	Micropogon undulatus	1	F	M	260	A0	R	N0	HC1	AC1	AD1		
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	D	N0	CE1	HC2			
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	E	N0	HC2	PM4	SH1		
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	G	N0	VC1				
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	L	N0	AC1	HC2			
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	M	N0					
09SN0500	V	P	Micropogon undulatus	2	F	M	220	A0	R	N0	AD1	HC2	AC1		
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	D	N0	CE3	SH1			
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	E	N0	HC2	PM3	PE3	SH2	
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	G	N0	AC1	VC1			
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	L	N0	AC2	HC1	BF2	DG1	
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	M	N0					
09SN0500	V	P	Micropogon undulatus	3	F	M	250	A0	R	N0	AD1	HC2	AC1		
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	D	N0	CE5	LL2	HC1		
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	E	N0	HC2	PM3			
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	G	N0	AC1	VC1	EE1		
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	L	N0	AC1	HC1	BF1		
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	M	N0					
09SN0500	V	P	Micropogon undulatus	4	F	M	250	D1	R	N0	HC1	AC1	AD1	LF1	
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	D	N0	CE3	LL1	PZ1	HC1	
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	E	N0	HC2	PM4	PE2	SH2	
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	G	N0	PZ1	HP1	VC1	AC1	
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	L	N0	LL1	AC1	HC1		
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	M	N0					
09SN0500	V	P	Micropogon undulatus	5	M	I	230	D1	R	N0	AC2	HC2	LF1		
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	D	N0					
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	E	N0	HC1				
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	G	N0					
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	L	N0	BF2	CE3	SH1		
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	M	N0					
09SN0500	V	P	Centropristis philadelphicus	1	M	U	250	D1	R	N0	AC1	HC2	CE1		
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	D	N0					
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	E	N0	PM2	HC1			
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	G	N0	SH1	LL1			
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	L	N0	BF2				
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	M	N0					
09SN0500	V	P	Centropristis philadelphicus	2	F	U	220	D1	R	N0	HC1				
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	D	N0	LL1	AC1			
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	E	N0	PM2	HC1			
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	G	N0					
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	L	N0	AC1	BF2			
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	M	N0					
09SN0500	V	P	Centropristis philadelphicus	3	F	U	190	D1	R	N0	AC2				
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	D	N0	SH1				
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	E	N0	HC1	PM1			
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	G	N0	VC1				
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	L	N0	LL4	BF2			
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	M	N0					
09SN0500	V	P	Centropristis philadelphicus	4	F	U	190	D1	R	N0	AC1	LF1			
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	D	N0	CE4	AC1			
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	E	N0	PM4	AC3	HC1		
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	G	N0	SX1				
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	L	N0	AC1	BF2			
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	M	N0					
09SN0500	V	P	Centropristis philadelphicus	5	M	U	230	D1	R	N0	AC1	HC2			

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	D	N0	LL1 AC1 HC1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	E	N0	HC5 PE1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	G	N0	LL3 AC1 VC2 HP1 PZ1 CE1 SH1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	L	N0	LL3 AC3 HC2 BF1 PZ1
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	M	N0	
10S	V	P	Archosargus probatocephalus	1	F	U	280	D1	R	N0	AO1 AC2 HC1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	D	N0	CE1 AC1 PZ1 HC1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	E	N0	HC5
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	G	N0	LL3 HP1 AC1 MC1 VC1 SH1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	L	N0	LL5 AC3 HC2 BF2 PZ2 DG1
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	M	N0	
10S	V	P	Archosargus probatocephalus	2	F	M	270	D1	R	N0	AC2 AO1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	D	N0	AC1 HC1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	E	N0	HC5
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	G	N0	PZ1 VC1 MC1 AC1
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	L	N0	LL1 AC3 HC2 BF2 PZ2
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	M	N0	
10S	V	P	Archosargus probatocephalus	3	F	U	240	D1	R	N0	AC2 AO2 HC1 LF1
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	D	N0	LL3 SH1 AC5 PZ4
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	E	N0	HC2 PM3 AC2
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	G	N0	AC1 LL1 CE1 SA1 VC1 EE1
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	L	N0	LL1 HC2 LP5
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	M	N0	
10S	V	S	Chaetodipterus faber	1	F	M	300	D1	R	N0	LF1 AO2
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	D	N0	LL1 AC4 PZ4 HC1
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	E	N0	HC2 AC3 PM3 SH2
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	G	N0	LL2 EE1 AC1
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	L	N0	LL1 HC3 LP5
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	M	N0	
10S	V	S	Chaetodipterus faber	2	M	M	260	D1	R	N0	DG4
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	D	N0	LL3 SH1 AC5 PZ4
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	E	N0	HC2 PM3 AC3
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	G	N0	EE1 LL1 AC1
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	L	N0	LL1 HC2 LP5
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	M	N0	
10S	V	S	Chaetodipterus faber	3	F	M	280	D1	R	N0	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	E	N0	HC2 PM2 AC3
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	G	N0	LL1 EE1 AC1
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	L	N0	HC2 BF2 LP5
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	M	N0	
10S	V	S	Chaetodipterus faber	4	F	M	300	D1	R	N0	AO5
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	D	N0	CE5 LL3 AC5 SH1 PZ5 HC1
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	E	N0	HC2 AC3 PM1
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	G	N0	SA1 AC1 LL1
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	L	N0	LL1 HC3 CE1 LP5
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	M	N0	
10S	V	S	Chaetodipterus faber	5	M	M	290	D1	R	N0	AC1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	D	N0	LL1 AC1
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	E	N0	HC5
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	G	N0	LL3 HP1 VC1 AC2 MC1
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	L	N0	LL3 AC1 HC2 BF1
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	M	N0	
11S	V	P	Archosargus probatocephalus	1	F	U	310	D1	R	N0	AO3 LF3 AC2
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	D	N0	CE1 AC1
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	E	N0	HC5 PE1
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	G	N0	HP1 VC1 LL3 AC2 MC1
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	L	N0	LL1 AC1 HC2
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	M	N0	
11S	V	P	Archosargus probatocephalus	2	M	I	260	D1	R	N0	AC4 LF1
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	D	N0	LL3 AC1
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	E	N0	HC5
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	G	N0	VC1 AC1 LL2
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	L	N0	LL1 AC1 HC3 BF2
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	M	N0	
11S	V	P	Archosargus probatocephalus	3	M	I	270	D1	R	N0	AC4 LF2 HC1
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	D	N0	LL2 AC1
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	E	N0	HC5
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	G	N0	PZ1 VC1 LL2 AC1
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	L	N0	LL1 AC3 HC2 BF1 DG2 LP1
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	M	N0	
11S	V	P	Archosargus probatocephalus	4	F	M	270	D1	R	N0	AO2 AC3 LF1 HC1
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	D	N0	AC1
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	E	N0	HC5
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	G	N0	VC1 AC1 LL2 PZ1
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	L	N0	LL2 AC3 HC2 BF1
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	M	N0	PE2
11S	V	P	Archosargus probatocephalus	5	F	M	300	D1	R	N0	AC3 AO1 LL1 HC1
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	D	P7	CE3 LL2 AC1 PZ3 HC1
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	E	N0	HC2 AC4 PM1
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	G	N0	EE1 VC1
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	L	N0	HC1 BF1 DG2 LP2
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	M	N0	
11S	V	P	Chaetodipterus faber	1	F	M	330	D1	R	N0	AO3 AC1 HC1 LF1
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	D	N0	CE2 LL3 AC1 PZ3 HC1
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	E	N0	HC2 AC2 PM2
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	G	N0	SH1 VC1 LL1
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	L	N0	LL2 HC1 BF2 DG3 LP3
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	M	N0	
11S	V	P	Chaetodipterus faber	2	M	M	270	D1	R	N0	AC1 HC1
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	D	N0	CE2 LL1 AC1 PZ2
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	E	N0	HC2 AC1 PM1
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	G	N0	EE1 VC2 LL2
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	L	N0	LL1 HC1 BF3 DG1 LP2
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	M	N0	SH2
11S	V	P	Chaetodipterus faber	3	F	M	330	D1	R	N0	AC1 HC1 AO2 LF2
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	D	N0	CE2 LL4 PZ4
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	E	N0	HC1 AC3 PM3 XX1
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	G	N0	SH1 LL2 VC1
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	L	N0	LL1 HC1 BF3 DG3 LP4
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	M	N0	
11S	V	P	Chaetodipterus faber	4	M	M	280	D1	R	N0	AC1 HC1
11S	V	P	Chaetodipterus faber	5	F	M	250	D1	D	P8	CE3 LL3 AC1 PZ3 HC1
11S	V	P	Chaetodipterus faber	5	F	M	550	D1	E	N0	HC1 AC3 PM4
11S	V	P	Chaetodipterus faber	5	F	M	550	D1	G	P7	SA1 LL1
11S	V	P	Chaetodipterus faber	5	F	M	550	D1	L	N0	LL1 HC1 BF3 CE1 DG1 LP4
11S	V	P	Chaetodipterus faber	5	F	M	550	D1	M	N0	
11S	V	P	Chaetodipterus faber	5	F	M	250	D1	R	N0	AC1 HC1 AO2 LF1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	D	N0	LL2 SH1 AC1 PZ1
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	E	N0	HC5 PE1 AC4
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	G	N0	AC1 LL2 MC1
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	L	N0	LL1 AC2 HC3 BF1 CE3 LP1
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	M	N0	
12S	V	S	Archosargus probatocephalus	1	M	I	300	D1	R	N0	AC3 HC1
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	D	N0	CE1 LL2 AC2 PZ2
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	E	N0	HC4
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	G	N0	LL2 AC1 VC1 MC1
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	L	N0	LL1 AC3 HC3 BF2 PZ1
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	M	N0	
12S	V	S	Archosargus probatocephalus	2	M	I	250	D1	R	N0	AC4 HC1
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	D	P7	CE2 LL2 AC1 PZ1
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	E	N0	HC4 PE3
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	G	N0	LL2 MC1 AC1 VC1
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	L	N0	LL1 AC3 HC3 BF1 PZ1 CE3
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	M	N0	
12S	V	S	Archosargus probatocephalus	3	M	I	280	D1	R	N0	AC3 HC1 SH1
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	D	N0	LL1 AC1 PZ1
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	E	N0	HC4 PE2
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	G	N0	LL2 MC1 AC1
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	L	N0	LL1 AC3 HC2 BF1 PZ1 CE1 DG2
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	M	N0	
12S	V	S	Archosargus probatocephalus	4	F	M	250	D1	R	N0	AC2 SH1
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	D	N0	CE2 LL4 AC1
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	E	N0	HC4 AC2
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	G	N0	LL3 AC1 MC1
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	L	N0	LL1 AC1 HC3 BF1 PZ1 CE1
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	M	N0	
12S	V	S	Archosargus probatocephalus	5	M	I	250	D1	R	N0	AC3 HC1
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	D	N0	AC5 PZ4 HC1
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	E	N0	HC2 PM2
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	G	N0	VC1 LL2 AC1
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	L	N0	LL1 HC2 BF1 DG1 LP5
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	M	N0	
12S	V	S	Chaetodipterus faber	1	M	M	370	D1	R	N0	
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	D	N0	CE1 LL3 AC5 PZ2
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	E	N0	HC2 PM4 AC3
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	G	N0	AC1 LL1
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	L	N0	HC2 BF1 LP5
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	M	N0	
12S	V	S	Chaetodipterus faber	2	M	M	290	D1	R	N0	AC1
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	D	N0	CE1 LL3 AC2 PZ3
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	E	N0	HC2 PM4 AC3 PE1
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	G	N0	AC1 LL1 SA1
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	L	N0	LL1 HC2 BF1 PZ1 DG1 LP5
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	M	N0	
12S	V	S	Chaetodipterus faber	3	M	M	260	D1	R	N0	HC1
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	D	P7	CE2 LL3 AC2 PZ3
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	E	N0	HC2 PM4 AC3
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	G	N0	LL1 PZ1 AC1
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	L	N0	LL1 HC2 BF1 PZ1 LP3
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	M	N0	
12S	V	S	Chaetodipterus faber	4	M	M	260	D1	R	N0	HC1 AC1
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	D	P9	LL2 AC5 PZ3
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	E	N0	HC2 PM2
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	G	N0	AC1 LL1 VC1 PZ1
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	L	N0	HC2 BF1 PZ1 LP5
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	M	N0	
12S	V	S	Chaetodipterus faber	5	M	M	320	D1	R	N0	HC1 LF1 AC1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	D	N0	LL1
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	E	N0	PM3 SH1 HC1
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	G	N0	LL2 AC1
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	L	N0	AC2 HC1 BF1
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	M	N0	
13SN0500	V	P	Micropogon undulatus	1	F	M	200	A0	R	N0	AO1 AC2 HC1
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	D	N0	CE2 LL2
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	E	N0	HC2 PM3 PE1 SH1 TD2
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	G	N0	LL1
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	L	N0	AC1 HC1 BF1
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	M	N0	
13SN0500	V	P	Micropogon undulatus	2	F	M	200	D1	R	N0	AO1 AC2 HC2
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	D	N0	CE1 LL1 SH1 PZ1
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	E	N0	HC2 PM2 TD2
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	G	N0	LL1 VC1
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	L	N0	LL1 AC1 HC1 BF1
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	M	N0	
13SN0500	V	P	Micropogon undulatus	3	M	M	170	D1	R	N0	AC4 HC3 CE1
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	D	N0	CE1 AC2 PZ1
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	E	N0	HC1 SH1 PM1
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	G	N0	LL2 AC1
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	L	N0	AC2 HC1
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	M	N0	
13SN0500	V	P	Micropogon undulatus	4	F	M	210	D1	R	N0	AC1 HC1 AO2
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	D	N0	LL2 AC5 HC2
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	E	N0	HC1 PM1 TD1
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	G	N0	LL2 AC1
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	L	N0	AC1 BF1
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	M	N0	
13SN0500	V	P	Micropogon undulatus	5	M	I	190	D1	R	N0	AC3 HC2
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	D	N0	LL1 PZ1 HC1
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	E	N0	HC3 PM3 AC3
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	G	N0	LL2
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	L	N0	LL1 HC2 BF1 PZ1 LP5
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	M	N0	
13SN0500	V	P	Chaetodipterus faber	1	M	M	320	D1	R	N0	HC1 PZ1 LF1
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	D	N0	LL1 SH1 AC3 PZ3
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	E	N0	HC3 PM4 AC3 HA2 PE1
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	G	N0	LL1 AC1
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	L	N0	AC1 HC1 BF1 LP5
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	M	N0	
13SN0500	V	P	Chaetodipterus faber	2	F	M	330	D1	R	N0	AO3
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	D	N0	CE1 LL3 AC2 PZ4 HC2
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	E	N0	HC2 PM4 AC3 SH2
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	G	N0	LL1 VC3 EE1 AC1
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	L	N0	LL1 AC1 HC1 LP5
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	M	N0	
13SN0500	V	P	Chaetodipterus faber	3	F	M	320	D1	R	N0	AO2 HC3
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	D	N0	CE2 LL2 PZ4 HC1
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	E	N0	HC3 PM4 AC2 SH2
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	G	N0	LL2 VC2
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	L	N0	LL1 AC1 HC1 BF1 PZ1 DG2 LP2
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	M	N0	
13SN0500	V	P	Chaetodipterus faber	4	F	M	340	D1	R	N0	HC1 AO2
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	D	N0	CE5 LL1 HC1
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	E	N0	HC2 PM1 AC1
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	G	N0	LL2 VC2 EE1
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	L	N0	LL1 HC1 BF1 LP1
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	M	N0	
13SN0500	V	P	Chaetodipterus faber	5	F	M	320	D1	R	N0	AO2

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	E	N0	HC3
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	G	P7	LL1 PE1 VC1 EE1 AC1 SA1
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	L	N0	LL1 HC2 BF3 DG3 LP3
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	M	N0	
14S	V	P	Chaetodipterus faber	1	M	M	300	D1	R	N0	AC2 PZ1
14S	V	P	Chaetodipterus faber	2	M	M	380	D1	D	P9	CE3 LL1 AC1 PZ3 HC2
14S	V	P	Chaetodipterus faber	2	M	M	380	D1	E	N0	HC3 PM2
14S	V	P	Chaetodipterus faber	2	M	M	380	D1	G	N0	LL1 AC1
14S	V	P	Chaetodipterus faber	2	M	M	380	D1	L	N0	LL1 AC1 HC2 BF2 PZ1 DG4 LP4
14S	V	P	Chaetodipterus faber	2	M	M	380	D1	M	N0	
14S	V	P	Chaetodipterus faber	2	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	E	N0	HC3 PM4
14S	V	P	Chaetodipterus faber	3	M	M	310	D1	G	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	M	N0	
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	E	N0	HC3
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	G	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	M	N0	
14S	V	P	Chaetodipterus faber	4	M	M	260	D1	R	N0	AC3
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	D	P9	CE5 LL5 AC2 PZ4 HC1
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	E	N0	HC2 AC3
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	G	N0	LL1 AC1
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	L	N0	LL1 AC1 HC1 BF2 DG2 LP4
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	M	N0	
14S	V	P	Chaetodipterus faber	5	M	M	250	D1	R	N0	AC3 PZ2
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	D	N0	PZ1
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	E	N0	HC1
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	G	N0	SH1 SX2
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	L	N0	
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	M	N0	
14SN0500	V	P	Cyclopsetta chittendeni	1	M	I	100	D0	R	N0	IN3
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	D	N0	NL0
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	E	N0	HC1 XX1
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	G	N0	
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	L	N0	
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	M	N0	
14SN0500	V	P	Cyclopsetta chittendeni	2	M	I	100	D0	R	N0	IN3
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	D	N0	
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	E	N0	HC1 XX1
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	G	N0	PC3
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	L	N0	
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	M	N0	
14SN0500	V	P	Cyclopsetta chittendeni	3	F	I	105	D0	R	N0	AO4
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	D	N0	AC2
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	E	N0	HC1
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	G	N0	
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	L	N0	
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	M	N0	
14SN0500	V	P	Cyclopsetta chittendeni	4	M	I	120	D0	R	N0	IN2
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	D	N0	
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	E	N0	
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	G	N0	SA2
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	L	N0	HC1
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	M	N0	
14SN0500	V	P	Cyclopsetta chittendeni	5	M	I	120	D0	R	N0	AC2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	D	N0	CE1 SH1
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	E	N0	HC2 PM3
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	G	N0	VC1
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	L	N0	HC1 BF2
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	M	N0	
15SN0500	V	P	Centropristis philadelphicus	1	M	M	260	D1	R	N0	AC1 HC4
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	D	N0	SH2 HC2
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	E	N0	HC2 PM1
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	G	N0	
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	L	N0	LL1 HC3 BF1
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	M	N0	
15SN0500	V	P	Centropristis philadelphicus	2	M	M	250	D1	R	N0	HC2 AC1
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	D	N0	
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	E	N0	HC1 PM1
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	G	N0	LL1
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	L	N0	AC1 HC1 BF1
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	M	N0	
15SN0500	V	P	Centropristis philadelphicus	3	F	M	220	D1	R	N0	HC3 AC1 SH1 AO2
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	D	N0	CE1 LL2 SH1
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	E	N0	PM1 AC1 HC1
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	G	N0	VC1
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	L	N0	AC1 HC1 BF1
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	M	N0	SH1
15SN0500	V	P	Centropristis philadelphicus	4	F	I	220	D1	R	N0	HC2 SH1
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	D	N0	CE2
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	E	N0	PM3 AC1
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	G	N0	SH1
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	L	N0	BF2
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	M	N0	
15SN0500	V	P	Centropristis philadelphicus	5	F	I	200	D1	R	N0	HC2 AC1 AO2
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	D	N0	CE1 LL2 AC5 PZ2
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	E	N0	HC4 PM2 AC2 XX5
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	G	N0	LL1 SA1 AC2
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	L	D7	LL2 AC2 HC2 BF1 PZ1 LP1
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	M	N0	PE5
15SN0500	V	P	Stenotomus caprinus	1	U	U	130	D1	R	O0	
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	D	N0	CE2 LL2 SH1 AC5 PZ1
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	E	N0	HC5 PM1 AC1
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	G	N0	LL2 EE1 AC2
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	L	P7	LL1 AC2 HC3 BF1 PZ1
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	M	N0	
15SN0500	V	P	Stenotomus caprinus	2	M	U	160	D1	R	N0	HC3 AC3 LF1 DG2
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	D	N0	CE4 LL2 AC3
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	E	N0	HC5 AC1 PM1
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	G	N0	LL1 VC1 PZ1 AC1
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	L	P7	LL1 AC1 HC3 PZ4 SH1
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	M	N0	
15SN0500	V	P	Stenotomus caprinus	3	M	U	150	D1	R	N0	AC2 DG2 HC1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	D	N0	CE1 AC5 PZ1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	E	N0	HC1 AC2 XX5
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	G	N0	LL1 AC2
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	L	P7	LL1 AC2 HC2 BF1 PZ2 LP1
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	M	N0	
15SN0500	V	P	Stenotomus caprinus	4	M	U	150	D1	R	N0	HC2 AC2 DG3
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	D	N0	LL4 AC2 PZ1
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	E	P7	HC5 AC2 XX1
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	G	N0	AC1
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	L	P9	LL1 AC2 HC3 PZ3 LP1
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	M	N0	
15SN0500	V	P	Stenotomus caprinus	5	M	U	130	D1	R	N0	AC2 DG3 HC1

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	D	N0	CE1 LL1 AC5
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	E	N0	HC2
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	G	N0	LL1 AC2
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	L	N0	LL1 AC1
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	M	N0	
16SN0500	V	P	Stenotomus caprinus	1	F	I	090	D0	R	N0	DG2 AC1
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	D	N0	HC1 LL1 AC2 PZ3
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	E	N0	HC2
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	G	N0	LL1 AC1
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	L	N0	AC1
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	M	N0	
16SN0500	V	P	Stenotomus caprinus	2	F	I	080	D0	R	N0	AC1 DG2
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	D	N0	
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	E	N0	HC1 AC2
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	G	N0	LL1 AC1
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	L	N0	
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	M	N0	
16SN0500	V	P	Stenotomus caprinus	3	U	I	090	D0	R	O0	
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	D	N0	AC2 LL1
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	E	N0	HC1 AC1 PM1
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	G	N0	LL2 AC1
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	L	N0	
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	M	N0	
16SN0500	V	P	Stenotomus caprinus	4	U	I	080	D0	R	O0	
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	D	N0	
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	E	N0	HC2 AC2
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	G	N0	LL3 VC1 AC1
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	L	N0	AC2
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	M	N0	
16SN0500	V	P	Stenotomus caprinus	5	U	I	090	D0	R	O0	
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	D	N0	CE1 PZ3
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	E	N0	PM1 AC1
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	G	N0	LL1 MC2
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	L	N0	
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	M	N0	
16SN0500	V	P	Cyclopsetta chittendeni	1	F	M	240	D1	R	N0	AC1 AO2
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	D	N0	SH1 PZ3
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	E	N0	MC1 AC1 XX5
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	G	N0	LL1 MC2
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	L	N0	BF1 DG2
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	M	N0	
16SN0500	V	P	Cyclopsetta chittendeni	2	F	M	240	D1	R	N0	AO3 AC1
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	D	N0	PZ5
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	E	N0	XX2 AC1 PM1
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	G	N0	LL1 MC2
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	L	N0	BF1 PZ1
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	M	N0	
16SN0500	V	P	Cyclopsetta chittendeni	3	F	M	210	D1	R	N0	AO3 AC1
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	D	N0	PZ4
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	E	N0	AC1 XX2
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	G	N0	LL1 MC2
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	L	N0	BF1 PZ1
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	M	N0	
16SN0500	V	P	Cyclopsetta chittendeni	4	M	U	210	D1	R	N0	
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	D	N0	CE5 PZ4
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	E	N0	HC1 AC2 PM1
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	G	N0	LL1 MC2
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	L	N0	BF1
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	M	N0	
16SN0500	V	P	Cyclopsetta chittendeni	5	M	U	230	D1	R	N0	

Site			Species	No.	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	E	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	M	N0	
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	E	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	M	N0	
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	E	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 BF1
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	M	N0	
17SN0500	V	P	Centropristis philadelphicus	3	U	U	230	D1	R	O0	
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	D	N0	CE3 LL1
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	E	N0	HC1 PM2 PE3 AC1
17SN0500	V	P	Centropristis philadelphicus	4	M	U	240	D1	G	N0	LL1 PZ1 MC2
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	M	N0	
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	E	N0	
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	G	N0	LL2 MC2
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	L	N0	AC1
17SN0500	V	P	Centropristis philadelphicus	5	F	U	150	D1	M	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	E	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	P7	LL2 AC1 HC3 LP1
17SN0500	V	P	Stenotomus caprinus	1	M	U	150	D1	M	N0	
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	E	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	M	N0	
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	E	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	M	N0	
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	E	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	P7	AC3 HC3 BF2 PZ2 DG1 SH3
17SN0500	V	P	Stenotomus caprinus	4	M	U	160	D1	M	N0	
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	E	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	P7	LL1 AC2 HC3 BF1 PZ1 CE1 LP1
17SN0500	V	P	Stenotomus caprinus	5	M	U	150	D1	M	N0	
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
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	D	N0	LL2 PZ1
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	E	00	
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	G	N0	PZ1 ST3 LL3 EE1
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	L	N0	LL1 BF3 LP1
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	M	N0	PE1
18S	V	P	Lutjanus campechanus	1	M	I	250	A0	R	N0	AC1
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	D	N0	LL1
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	E	N0	AC1
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	G	N0	PZ1 ST3 LL3
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	L	N0	BF2 LP2
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	M	N0	
18S	V	P	Lutjanus campechanus	2	F	I	200	A0	R	00	
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	D	N0	LL2
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	E	N0	
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	G	N0	PZ2 ST2 LL2 PC1
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	L	N0	BF1
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	M	N0	
18S	V	P	Lutjanus campechanus	3	M	U	240	A0	R	N0	DG3
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	D	N0	CE1 LL4
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	E	00	
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	G	N0	LL1 ST2
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	L	N0	LL3 BF2
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	M	N0	
18S	V	P	Lutjanus campechanus	4	F	U	240	A0	R	N0	DG3
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	D	N0	CE1 LL1
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	E	N0	MC1
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	G	N0	LL2 ST3
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	L	N0	BF2 LP1
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	M	N0	
18S	V	P	Lutjanus campechanus	5	F	U	220	A0	R	N0	AC1
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	D	N0	CE2 LL3 AC1 PZ4 HC1
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	E	N0	HC3 PM3 AC1
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	G	N0	LL1 AC1
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	L	N0	LL1 AC1 HC2 BF2 PZ2 LP3
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	M	N0	
18S	V	P	Chaetodipterus faber	1	F	M	350	D1	R	N0	AO2 HC3
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	D	N0	CE1 LL2 AC1 PZ4 HC1
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	E	N0	HC3 PM4 AC2
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	G	N0	LL1 AC1
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	L	N0	AC1 HC1 BF3 PZ1 LP2
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	M	N0	
18S	V	P	Chaetodipterus faber	2	F	M	380	D1	R	N0	AO2 HC2 AO2 LF1 AC1
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	D	P9	CE5 LL3 AC1 PZ4 HC1
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	E	N0	HC3 PM1
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	G	N0	LL1 AC1
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	L	N0	LL1 AC1 HC2 BF2 DG2 LP2
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	M	N0	
18S	V	P	Chaetodipterus faber	3	F	M	380	D1	R	N0	AO2 HC3
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	D	P7	CE1 LL4 AC1 PZ4 HC1
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	E	N0	HC3 PM2 AC2
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	G	N0	LL1 AC1
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	L	N0	LL1 AC1 HC1 DG1 LP5
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	M	N0	
18S	V	P	Chaetodipterus faber	4	M	M	330	D1	R	N0	AC2 HC1
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	D	N0	CE1 LL3 AC1 PZ5 HC1
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	E	N0	HC3 PM1 AC1
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	G	N0	LL1 AC1
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	L	N0	LL2 HC1 BF1 CE1 DG2 LP3
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	M	N0	
18S	V	P	Chaetodipterus faber	5	M	M	270	D1	R	N0	AC2 HC2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	D	N0	LL3 AC3 PZ2
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	E	N0	HC1 PM1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	G	N0	LL2 VC2 AC1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	L	N0	LL1 BF1
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	M	N0	
19S	V	P	Chaetodipterus faber	1	F	I	100	D0	R	N0	DG4 HC1 AC1
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	D	N0	LL3 AC5 PZ4
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	E	N0	HC1 PM1
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	G	N0	LL2 ST3 HP1 AC1
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	L	N0	BF2
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	M	N0	
19S	V	P	Chaetodipterus faber	2	F	I	090	D0	R	N0	LF2 AC1 DG1
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	D	N0	CE1 LL3 AC3 PZ1
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	E	N0	HC1 PM1
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	G	N0	LL2 AC1
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	L	N0	LL1 BF1
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	M	N0	
19S	V	P	Chaetodipterus faber	3	M	I	100	D0	R	N0	DG2 AC2 HC2
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	D	N0	LL2 AC3 PZ1
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	E	N0	HC1 PM1
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	G	N0	LL2 ST1 AC1
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	L	N0	LL1 HC1 BF1 PZ1
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	M	N0	
19S	V	P	Chaetodipterus faber	4	F	I	095	D0	R	N0	AC2 HC2 LF3 DG1
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	D	N0	CE3 LL3 AC5 PZ4
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	E	N0	HC1 PM1
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	G	N0	LL3 AC1
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	L	N0	LL1 BF1 DG1
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	M	N0	
19S	V	P	Chaetodipterus faber	5	F	I	090	D0	R	N0	AC1 DG3 HC1
19SN0500	V	P	Arius felis	1	F	M	300	A0	D	N0	CE5 LL4 HC1
19SN0500	V	P	Arius felis	1	F	M	300	A0	E	N0	HC3
19SN0500	V	P	Arius felis	1	F	M	300	A0	G	N0	LL1 PE1
19SN0500	V	P	Arius felis	1	F	M	300	A0	L	N0	LL1 HC5 BF3 LP1
19SN0500	V	P	Arius felis	1	F	M	300	A0	M	N0	PE1
19SN0500	V	P	Arius felis	1	F	M	300	A0	R	N0	HC2 AC4
19SN0500	V	P	Arius felis	2	F	M	290	A0	D	P7	CE5 LL3 PZ1 HC1
19SN0500	V	P	Arius felis	2	F	M	290	A0	E	N0	HC3
19SN0500	V	P	Arius felis	2	F	M	290	A0	G	N0	LL1
19SN0500	V	P	Arius felis	2	F	M	290	A0	L	N0	LL1 HC3 BF1 DG1 LP1
19SN0500	V	P	Arius felis	2	F	M	290	A0	M	N0	PE1
19SN0500	V	P	Arius felis	2	F	M	290	A0	R	N0	HC2
19SN0500	V	P	Arius felis	3	F	M	290	A0	D	P7	CE2 LL3 PZ1 HC1
19SN0500	V	P	Arius felis	3	F	M	290	A0	E	N0	HC3 AC4
19SN0500	V	P	Arius felis	3	F	M	290	A0	G	N0	LL2
19SN0500	V	P	Arius felis	3	F	M	290	A0	L	N0	LL1 HC2 BF1 DG1 LP1
19SN0500	V	P	Arius felis	3	F	M	290	A0	M	N0	PE5
19SN0500	V	P	Arius felis	3	F	M	290	A0	R	N0	HC3 AC3
19SN0500	V	P	Arius felis	4	F	M	290	A0	D	N0	CE5 LL2 SH1 PZ1 HC1
19SN0500	V	P	Arius felis	4	F	M	290	A0	E	N0	HC3 AC2 SH1
19SN0500	V	P	Arius felis	4	F	M	290	A0	G	N0	LL3
19SN0500	V	P	Arius felis	4	F	M	290	A0	L	N0	LL3 HC3 DG1 LP1
19SN0500	V	P	Arius felis	4	F	M	290	A0	M	N0	
19SN0500	V	P	Arius felis	4	F	M	290	A0	R	N0	HC2
19SN0500	V	P	Arius felis	5	F	M	290	A0	D	N0	CE5 LL1 HC1
19SN0500	V	P	Arius felis	5	F	M	290	A0	E	N0	AC3
19SN0500	V	P	Arius felis	5	F	M	290	A0	G	N0	LL2
19SN0500	V	P	Arius felis	5	F	M	290	A0	L	N0	LL1 BF1
19SN0500	V	P	Arius felis	5	F	M	290	A0	M	N0	PE3
19SN0500	V	P	Arius felis	5	F	M	290	A0	R	N0	HC2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	D	N0	CE1 LL2 SH1 AC1
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	E	N0	SH2 HC5 AC3
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	G	N0	PZ1 VC1 AC1 LL1
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	L	N0	LL1 AC1 HC2 BF2 PZ2 DG1
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	M	N0	
20S	V	P	Archosargus probatocephalus	1	M	U	380	D1	R	N0	DG3 AC3 HC3
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	D	N0	CE1 LL4 AC1
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	E	N0	HC5 AC3 PE1
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	G	N0	AC1 LL3
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	L	N0	AC2 HC1 DG1
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	M	N0	
20S	V	P	Archosargus probatocephalus	2	F	U	280	D1	R	N0	AO1 AC2 HC2 LF1
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	D	P7	LL1 AC1 PZ1 HC1
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	E	N0	HC4 PE1 AC4 SH2
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	G	N0	LL2 PZ1 AC1
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	L	N0	LL1 AC2 HC1 BF1 PZ1 DG1
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	M	N0	
20S	V	P	Archosargus probatocephalus	3	M	U	280	D1	R	N0	AC3
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	D	P7	CE1 LL1 AC1 HC1
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	E	N0	HC4 AC3 PM2 PE1
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	G	N0	LL2 ST2 PZ1 AC2
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	L	N0	LL1 AC1 HC1 BF1 PZ1 DG1
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	M	N0	PE3
20S	V	P	Archosargus probatocephalus	4	F	U	310	D1	R	N0	CE2 AC4 HC2
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	D	N0	LL1 AC1 HC1
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	E	N0	HC4 PM1 PE1 AC3
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	G	N0	LL2 ST2 AC2
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	L	N0	LL1 AC1 HC2 BF1 SH1
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	M	N0	PE1
20S	V	P	Archosargus probatocephalus	5	M	U	310	D1	R	N0	DG1 AC2 LF1 HC1 DG1
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	D	N0	CE1 LL4 AC3 HC1
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	E	N0	HC2 PM2 AC3
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	G	N0	HP1 ST1 LL2 AC2
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	L	N0	LL1 HC1 BF1 PZ1 CE1 DG1 LP1
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	M	N0	
20S	V	P	Chaetodipterus faber	1	F	M	310	D1	R	N0	AO2 AC1 HC1 LF1
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	D	N0	LL1 AC1 PZ3 HC1
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	E	N0	HC2 PM2 AC2
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	G	N0	LL2 AC1 ST1
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	L	N0	LL1 AC1 HC1 BF1 LP3
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	M	N0	
20S	V	P	Chaetodipterus faber	2	F	M	300	D1	R	N0	AO3 AC2 HC1 LF1
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	D	P8	CE5 LL5 SH3 AC1 PZ4 HC1
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	E	N0	HC2 PM2 AC2
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	G	N0	LL1 AC1 ST1
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	L	N0	AC1 HC1 LP4
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	M	N0	
20S	V	P	Chaetodipterus faber	3	F	M	330	D1	R	N0	AO1 AC2 HC1
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	D	N0	CE2 LL4 AC1 PZ2 HC1
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	E	N0	HC2 PM2 AC2
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	G	N0	LL1 AC1
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	L	N0	HC1 BF1 DG1 LP2
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	M	N0	
20S	V	P	Chaetodipterus faber	4	F	M	350	D1	R	N0	AC2 AO1
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	D	N0	CE3 LL3 AC4 PZ3 HC1
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	E	N0	HC3 PM3 AC3
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	G	N0	LL1 AC1
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	L	N0	AC1 HC3 BF2 LP2
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	M	N0	
20S	V	P	Chaetodipterus faber	5	F	M	370	D1	R	N0	

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
21C	V	S	Micropogon undulatus	1	M		190	A0	D	N0	PZ1
21C	V	S	Micropogon undulatus	1	M		190	A0	E	N0	HC1 AC1
21C	V	S	Micropogon undulatus	1	M		190	A0	G	N0	EE1
21C	V	S	Micropogon undulatus	1	M		190	A0	L	N0	LL1
21C	V	S	Micropogon undulatus	1	M		190	A0	M	N0	
21C	V	S	Micropogon undulatus	1	M		190	A0	R	N0	DG3 AC3
21C	V	S	Micropogon undulatus	2	F		190	A0	D	N0	CE1 LL1 SH2 AC4 PZ1
21C	V	S	Micropogon undulatus	2	F		190	A0	E	N0	HC1
21C	V	S	Micropogon undulatus	2	F		190	A0	G	N0	LL1
21C	V	S	Micropogon undulatus	2	F		190	A0	L	N0	AC1 SH1
21C	V	S	Micropogon undulatus	2	F		190	A0	M	N0	
21C	V	S	Micropogon undulatus	2	F		190	A0	R	N0	AO1
21C	V	S	Micropogon undulatus	3	F		190	A0	D	N0	CE1 LL3 AC5
21C	V	S	Micropogon undulatus	3	F		190	A0	E	N0	HC1
21C	V	S	Micropogon undulatus	3	F		190	A0	G	N0	LL1 VC1 PZ1
21C	V	S	Micropogon undulatus	3	F		190	A0	L	N0	
21C	V	S	Micropogon undulatus	3	F		190	A0	M	N0	
21C	V	S	Micropogon undulatus	3	F		190	A0	R	N0	AO2 DG1
21C	V	S	Micropogon undulatus	4	M		200		D	N0	AC5 HC2
21C	V	S	Micropogon undulatus	4	M		200		E	N0	HC2 SH1
21C	V	S	Micropogon undulatus	4	M		200		G	N0	LL1 VC1
21C	V	S	Micropogon undulatus	4	M		200		L	N0	HC1
21C	V	S	Micropogon undulatus	4	M		200		M	N0	
21C	V	S	Micropogon undulatus	4	M		200		R	N0	DG3 AC1
21C	V	S	Micropogon undulatus	5	M		180	A0	D	N0	LL2 SH1 AC4 PZ1
21C	V	S	Micropogon undulatus	5	M		180	A0	E	N0	HC1
21C	V	S	Micropogon undulatus	5	M		180	A0	G	N0	VC1
21C	V	S	Micropogon undulatus	5	M		180	A0	L	N0	
21C	V	S	Micropogon undulatus	5	M		180	A0	M	N0	
21C	V	S	Micropogon undulatus	5	M		180	A0	R	N0	DG4 AC3

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
23C	V	S	Stenotomus caprinus	1	F		080	D1	D	N0	AC1
23C	V	S	Stenotomus caprinus	1	F		080	D1	E	N0	HC2 PM3 AC1
23C	V	S	Stenotomus caprinus	1	F		080	D1	G	N0	AC1 EE1 VC1
23C	V	S	Stenotomus caprinus	1	F		080	D1	L	N0	
23C	V	S	Stenotomus caprinus	1	F		080	D1	M	N0	
23C	V	S	Stenotomus caprinus	1	F		080	D1	R	N0	AO2 AC1
23C	V	S	Stenotomus caprinus	2	U		080	D1	D	N0	AC1 PZ1
23C	V	S	Stenotomus caprinus	2	U		080	D1	E	N0	HC2
23C	V	S	Stenotomus caprinus	2	U		080	D1	G	N0	AC2 LL1 PZ1
23C	V	S	Stenotomus caprinus	2	U		080	D1	L	N0	
23C	V	S	Stenotomus caprinus	2	U		080	D1	M	N0	
23C	V	S	Stenotomus caprinus	2	U		080	D1	R	O0	
23C	V	S	Stenotomus caprinus	3	F		070	D1	D	N0	AC1 PZ1
23C	V	S	Stenotomus caprinus	3	F		070	D1	E	N0	HC1 PM1
23C	V	S	Stenotomus caprinus	3	F		070	D1	G	N0	AC1 EE1 PZ1
23C	V	S	Stenotomus caprinus	3	F		070	D1	L	N0	AC1
23C	V	S	Stenotomus caprinus	3	F		070	D1	M	N0	
23C	V	S	Stenotomus caprinus	3	F		070	D1	R	N0	AO2 AC1
23C	V	S	Stenotomus caprinus	4	F		070	D1	D	N0	AC1 PZ1
23C	V	S	Stenotomus caprinus	4	F		070	D1	E	N0	HC1 PM1
23C	V	S	Stenotomus caprinus	4	F		070	D1	G	N0	AC1 EE1 VC2 LL1
23C	V	S	Stenotomus caprinus	4	F		070	D1	L	N0	
23C	V	S	Stenotomus caprinus	4	F		070	D1	M	N0	
23C	V	S	Stenotomus caprinus	4	F		070	D1	R	N0	AO1
23C	V	S	Stenotomus caprinus	5	F		080	D1	D	N0	AC1
23C	V	S	Stenotomus caprinus	5	F		080	D1	E	N0	HC2
23C	V	S	Stenotomus caprinus	5	F		080	D1	G	N0	AC1 EE1 VC1
23C	V	S	Stenotomus caprinus	5	F		080	D1	L	N0	
23C	V	S	Stenotomus caprinus	5	F		080	D1	M	N0	
23C	V	S	Stenotomus caprinus	5	F		080	D1	R	N0	AO2

Site			Species	No.	Sex	Mat	Len	Cond	Org	Cond	Hist
24C	V	S	Cynoscion arenarius	1	F		220	D1	D	N0	CE1 PZ1
24C	V	S	Cynoscion arenarius	1	F		220	D1	E	N0	AC1 HC1
24C	V	S	Cynoscion arenarius	1	F		220	D1	G	N0	PZ4 VC1 LL1
24C	V	S	Cynoscion arenarius	1	F		220	D1	L	N0	BF1 CE1 PZ3 HC1
24C	V	S	Cynoscion arenarius	1	F		220	D1	M	N0	
24C	V	S	Cynoscion arenarius	1	F		220	D1	R	N0	A03
24C	V	S	Cynoscion arenarius	2	F		220	D1	D	N0	SH3 PZ1
24C	V	S	Cynoscion arenarius	2	F		220	D1	E	N0	HC1 AC2
24C	V	S	Cynoscion arenarius	2	F		220	D1	G	N0	VC1 LL1
24C	V	S	Cynoscion arenarius	2	F		220	D1	L	N0	HC1 BF1 PZ3 CE1
24C	V	S	Cynoscion arenarius	2	F		220	D1	M	N0	
24C	V	S	Cynoscion arenarius	2	F		220	D1	R	N0	A03
24C	V	S	Cynoscion arenarius	3	M		220	D1	D	N0	PZ1 HC1
24C	V	S	Cynoscion arenarius	3	M		220	D1	E	O0	
24C	V	S	Cynoscion arenarius	3	M		220	D1	G	N0	PZ2 VC1 LL1
24C	V	S	Cynoscion arenarius	3	M		220	D1	L	N0	HC2
24C	V	S	Cynoscion arenarius	3	M		220	D1	M	N0	
24C	V	S	Cynoscion arenarius	3	M		220	D1	R	N0	
24C	V	S	Cynoscion arenarius	4	F		210	D1	D	N0	PZ1
24C	V	S	Cynoscion arenarius	4	F		210	D1	E	N0	HC1 AC2
24C	V	S	Cynoscion arenarius	4	F		210	D1	G	N0	PZ1 SA1 LL1
24C	V	S	Cynoscion arenarius	4	F		210	D1	L	N0	HC1 BF1
24C	V	S	Cynoscion arenarius	4	F		210	D1	M	N0	
24C	V	S	Cynoscion arenarius	4	F		210	D1	R	N0	A01 HC1 EC1
24C	V	S	Cynoscion arenarius	5	F			D1	D	N0	
24C	V	S	Cynoscion arenarius	5	F			D1	E	N0	HC1 AC3 XX3 PM1
24C	V	S	Cynoscion arenarius	5	F			D1	G	N0	SA2
24C	V	S	Cynoscion arenarius	5	F			D1	L	N0	HC1 BF1 PZ5
24C	V	S	Cynoscion arenarius	5	F			D1	M	N0	
24C	V	S	Cynoscion arenarius	5	F			D1	R	N0	A01 HC2
24C	V	S	Arius felis	1	M		270	P8	D	P8	CE5
24C	V	S	Arius felis	1	M		270	P8	E	N0	HC3
24C	V	S	Arius felis	1	M		270	P8	G	N0	EE1
24C	V	S	Arius felis	1	M		270	P8	L	N0	LL1 HC5 BF1 DG1 LP1
24C	V	S	Arius felis	1	M		270	P8	M	N0	
24C	V	S	Arius felis	1	M		270	P8	R	N0	DG3 HC1
24C	V	S	Arius felis	2	M		270	A0	D	N0	CE5 AC5
24C	V	S	Arius felis	2	M		270	A0	E	N0	HC4
24C	V	S	Arius felis	2	M		270	A0	G	N0	EE1
24C	V	S	Arius felis	2	M		270	A0	L	N0	HC5 BF2
24C	V	S	Arius felis	2	M		270	A0	M	N0	PE3
24C	V	S	Arius felis	2	M		270	A0	R	N0	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	N0	HC4 SH1
24C	V	S	Arius felis	3	M		300	P7	G	N0	EE1
24C	V	S	Arius felis	3	M		300	P7	L	N0	HC5 BF1 CE3
24C	V	S	Arius felis	3	M		300	P7	M	N0	PE3
24C	V	S	Arius felis	3	M		300	P7	R	N0	DG3 HC3
24C	V	S	Arius felis	4	M		300	P7	D	P7	CE3
24C	V	S	Arius felis	4	M		300	P7	E	N0	HC3
24C	V	S	Arius felis	4	M		300	P7	G	N0	EE1
24C	V	S	Arius felis	4	M		300	P7	L	N0	HC2
24C	V	S	Arius felis	4	M		300	P7	M	N0	PE4
24C	V	S	Arius felis	4	M		300	P7	R	N0	DG3 HC1
24C	V	S	Arius felis	5	M		250	D1	D	N0	CE1
24C	V	S	Arius felis	5	M		250	D1	E	N0	HC2
24C	V	S	Arius felis	5	M		250	D1	G	N0	EE1
24C	V	S	Arius felis	5	M		250	D1	L	N0	HC3
24C	V	S	Arius felis	5	M		250	D1	M	N0	PE1
24C	V	S	Arius felis	5	M		250	D1	R	N0	DG3 HC1

PLATFORM ASSOCIATED BIOTA-ARTIFICIAL REEF STUDIES

PAGE 1 DISCRETE/3AX PLATFORM ASSOCIATED BIOTA - Raw Data - SET # Swell

1.	61578ST128A	1	1	418	CALCAREA HOMOCOELIDAE	C	15
2.	61578ST128A	1	1	419	TURRITOPSIS NUTRICULA	R	<5
3.	61578ST128A	1	1	420	OBELIA DICHOTOMA	C	20
4.	61578ST128A	1	1	421	CRISIA EBURNEA	R	<5
5.	61578ST128A	1	1	427	AETEA ANGUINA	R	5
6.	61578ST128A	1	1	4	ALGAE	A	55
7.	61578ST128A	1	2	410	TURRITOPSIS NUTRICULA	C	15
8.	61578ST128A	1	2	411	OBELIA DICHOTOMA	C	15
9.	61578ST128A	1	2	416	CALCAREA HOMOCOELIDAE	R	5
10.	61578ST128A	1	2	417	ASCIDIACEA 1	R	<5
11.	61578ST128A	1	5	418	BUGULA SP	R	<5
12.	61578ST128A	1	5	421	AETEA ANGUINA	C	10
13.	61578ST128A	1	2	4	ALGAE	A	50
14.	61578ST128A	1	4	4	20BELIA DICHOTOMA	A	40
15.	61578ST128A	1	4	4	4TURRITOPSIS NUTRICULA	R	5
16.	61578ST128A	1	4	4	5AEVERILLIA SETIGERA	R	<5
17.	61578ST128A	1	4	4	6BUGULA SP	R	5
18.	61578ST128A	1	4	432	SAVIGNYELLA LAFONTII	R	5
19.	61578ST128A	1	4	428	CALCAREA HOMOCOELIDAE	R	5
20.	61578ST128A	1	4	429	ASCIDIACEA 2	R	<5
21.	61578ST128A	1	4	430	ASCIDIACEA 1	R	5
22.	61578ST128A	1	4	4	ALGAE	C	30
23.	61678ST128A10	1	1	418	OBELIA DICHOTOMA	R	<5
24.	61678ST128A10	1	1	419	TURRITOPSIS NUTRICULA	R	<5
25.	61678ST128A10	1	1	420	BUGULA SP	R	5
26.	61678ST128A10	1	1	426	AETEA ANGUINA	R	<5
27.	61678ST128A10	1	1	421	ASCIDIACEA 1	R	5
28.	61678ST128A10	1	1	422	ASCIDIACEA 2	R	5
29.	61678ST128A10	1	1	424	CALCAREA HOMOCOELIDAE	R	<5
30.	61678ST128A10	1	4	4	ALGAE	A	75
31.	61678ST128A10	3	4	6	ASCIDIACEA 1	R	<5
32.	61678ST128A10	3	4	7	OBELIA DICHOTOMA	R	<5
33.	61678ST128A10	3	4	8	CLYTIA SP	R	<5
34.	61678ST128A10	3	4	9	BUGULA NERITINA	C	20
35.	61678ST128A10	3	4	10	BUGULA SP	R	<5
36.	61678ST128A10	3	4	4	ALGAE	A	70
37.	61678ST128A10	4	4	14	ASCIDIACEA 1	R	5
38.	61678ST128A10	4	4	15	ANTHOPORA TINCTA	R	5
39.	61678ST128A10	4	4	16	BUGULA NERITINA	A	70
40.	61678ST128A10	4	4	17	SAVIGNYELLA LAFONTII	R	<5
41.	61678ST128A10	4	4	18	AEVERILLIA SETIGERA	R	<5
42.	61678ST128A10	4	4	19	OBELIA DICHOTOMA	R	<5
43.	61678ST128A10	4	4	20	TURRITOPSIS NUTRICULA	R	<5
44.	61678ST128A10	4	4	4	ALGAE	C	10
45.	61678ST128A20	2	5	9	BUGULA NERITINA	C	30
46.	61678ST128A20	2	5	10	BUGULA SP	C	10
47.	61678ST128A20	2	5	11	SYNNOTUM AEGYPTIACUM	R	<5
48.	61678ST128A20	2	5	12	CRISIA EBURNEA	C	10
49.	61678ST128A20	2	5	13	AEVERILLIA SETIGERA	C	10
50.	61678ST128A20	2	5	14	SAVIGNYELLA LAFONTII	R	<5
51.	61678ST128A20	2	5	15	HIPPALIOSINA ROSTRIGERA	R	<5
52.	61678ST128A20	2	5	16	EUDENDRIUM CARNEUM	C	15
53.	61678ST128A20	2	5	17	OBELIA DICHOTOMA	R	5
54.	61678ST128A20	2	5	18	CLYTIA SP	R	5
55.	61678ST128A20	2	5	20	DEMOSPONGIAE 1	R	5
56.	61678ST128A20	2	5	21	ASCIDIACEA 1	R	<5
57.	61678ST128A20	3	5	1	CRISIA EBURNEA	A	40
58.	61678ST128A20	3	5	2	SAVIGNYELLA LAFONTII	R	<5
59.	61678ST128A20	3	5	3	AEVERILLIA SETIGERA	R	<5
60.	61678ST128A20	3	5	4	BUGULA NERITINA	R	<5
61.	61678ST128A20	3	5	5	BUGULA SP	R	5
62.	61678ST128A20	3	5	6	AETEA ANGUINA	R	<5
63.	61678ST128A20	3	5	7	BEANIA MIRABILIS	R	<5
64.	61678ST128A20	3	534	AMATHIA DISTANS		R	<5
65.	61678ST128A20	3	5	ANTHOPORA TINCTA		R	5
66.	61678ST128A20	3	5	9	DEMOSPONGIAE 2	C	10
67.	61678ST128A20	3	510	DEMOSPONGIAE 3		R	<5
68.	61678ST128A20	3	511	DEMOSPONGIAE 4		R	<5
69.	61678ST128A20	3	513	CLYTIA SP		R	5
70.	61678ST128A20	3	525	SALMACINA SP		C	10
71.	61678ST128A20	3	512	ASCIDIACEA 1		R	5
72.	61678ST128A20	4	5	5	SALMACINA SP	R	5
73.	61678ST128A20	4	5	9	BUGULA NERITINA	R	5
74.	61678ST128A20	4	510	CRISIA EBURNEA		A	50
75.	61678ST128A20	4	511	BUGULA SP		R	<5
76.	61678ST128A20	4	512	AEVERILLIA SETIGERA		R	<5
77.	61678ST128A20	4	513	AETEA ANGUINA		R	<5
78.	61678ST128A20	4	514	HIPPALIOSINA ROSTRIGERA		R	5

79.	61678ST128A20	4	515ASCIDIACEA 1	R	<5
80.	61678ST128A20	4	527DEMOSPONGIAE 1	R	<5
81.	61678ST128A20	4	528EUDENDRIUM CARNEUM	C	15
82.	61678ST128A20	4	529OBELIA DICHOTOMA	R	<5
83.	61678ST128A20	4	5 ALGAE	R	5
84.	61678ST128A30	1	5 1EUDENDRIUM CARNEUM	A	85
85.	61678ST128A30	1	5 2CLYTIA SP	R	5
86.	61678ST128A30	1	5 4HALECIUM SP	R	5
87.	61678ST128A30	1	5 5PARASMITTINA SPATHULATA	R	<5
88.	61678ST128A30	1	5 6CRISIA EBURNEA	R	<5
89.	61678ST129A30	2	5 5AETEA ANGUINA	R	5
90.	61678ST128A30	2	5 6EUDENDRIUM CARNEUM	A	90
91.	61678ST128A30	2	5 8CLYTIA SP	R	5
92.	61678ST128A30	3	510HALECIUM SP	C	15
93.	61678ST128A30	3	511CLYTIA SP	R	<5
94.	61678ST128A30	3	512CAMPALECIUM SP	R	<5
95.	61678ST128A30	3	513CAMPANULINA SP	R	<5
96.	61678ST128A30	3	515CALCAREA HOMOCOELIDAE	R	<5
97.	61678ST128A30	3	516DEMOSPONGIAE 2	C	25
98.	61678ST128A30	3	518ZOANTHIDEA	A	50
99.	61478ST161A10	1	4 1BUGULA NERITINA	A	40
100.	61478ST161A10	1	4 2MEMBRANIPORA SAVARTII	R	<5
101.	61478ST161A10	1	4 3BUGULA SP	R	5
102.	61478ST161A10	1	4 4SAVIGNYELLA LAFONTII	R	<5
103.	61478ST161A10	1	4 5AETEA ANGUINA	R	<5
104.	61478ST161A10	1	4 6CLYTIA SP	R	<5
105.	61478ST161A10	1	4 7CALCAREA HOMOCOELIDAE	R	<5
106.	61478ST161A10	1	4 8DEMOSPONGIAE 5	R	5
107.	61478ST161A10	1	4 9DEMOSPONGIAE 4	R	<5
108.	61478ST161A10	1	423ASCIDIACEA 2	R	5
109.	61478ST161A10	1	4 ALGAE	C	30
110.	61478ST161A10	2	410OBELIA DICHOTOMA	R	<5
111.	61478ST161A10	2	411CLYTIA SP	R	<5
112.	61478ST161A10	2	412BUGULA NERITINA	A	40
113.	61478ST161A10	2	413BUGULA SP	R	<5
114.	61478ST161A10	2	414AETEA ANGUINA	R	5
115.	61478ST161A10	2	415SAVIGNYELLA LAFONTII	R	<5
116.	61478ST161A10	2	416VITTATICELLA CONTEI	R	<5
117.	61478ST161A10	2	423ASCIDIACEA 2	R	<5
118.	61478ST161A10	2	4 ALGAE	A	40
119.	61478ST161A10	3	411SALMACINA SP	R	<5
120.	61478ST161A10	3	418BUGULA NERITINA	C	30
121.	61478ST161A10	3	419BUGULA SP	R	5
122.	61478ST161A10	3	420AETEA ANGUINA	R	5
123.	61478ST161A10	3	421CF. CAULIBUGULA SP	R	<5
124.	61478ST161A10	3	422SAVIGNYELLA LAFONTII	R	<5
125.	61478ST161A10	3	423CALCAREA HOMOCOELIDAE	R	<5
126.	61478ST161A10	3	425TURRITOPSIS NUTRICULA	R	<5
127.	61478ST161A10	3	426HALECIUM SP	R	<5
128.	61478ST161A10	3	427CLYTIA SP	R	<5
129.	61478ST161A10	3	428ASCIDIACEA 2	R	<5
130.	61478ST161A10	3	4 ALGAE	A	40
131.	61478ST161A 1	1	424SAVIGNYELLA LAFONTII	R	<5
132.	61478ST161A 1	1	425VITTATICELLA CONTEI	R	<5
133.	61478ST161A 1	1	426AETEA ANGUINA	R	<5
134.	61478ST161A 1	1	427BUGULA NERITINA	R	5
135.	61478ST161A 1	1	428CALCAREA HOMOCOELIDAE	C	10
136.	61478ST161A 1	1	431CLYTIA SP	R	<5
137.	61478ST161A 1	1	432SERTULARIA TURBINATA	R	5
138.	61478ST161A 1	1	4 ALGAE	A	70
139.	61478ST161A 1	3	4 9BUGULA NERITINA	R	5
140.	61478ST161A 1	3	4 7VITTATICELLA CONTEI	R	5
141.	61478ST161A 1	3	4 8SAVIGNYELLA LAFONTII	R	5
142.	61478ST161A 1	3	410AETEA ANGUINA	R	5
143.	61478ST161A 1	3	411SERTULARIA TURBINATA	R	5
144.	61478ST161A 1	3	412TURRITOPSIS NUTRICULA	R	<5
145.	61478ST161A 1	3	413CLYTIA SP	R	<5
146.	61478ST161A 1	3	414CALCAREA HOMOCOELIDAE	R	5
147.	61478ST161A 1	3	4 ALGAE	A	65
148.	61478ST161A 1	4	411SAVIGNYELLA LAFONTII	R	<5
149.	61478ST161A 1	4	412AETEA ANGUINA	C	10
150.	61478ST161A 1	4	413BUGULA NERITINA	R	5
151.	61478ST161A 1	4	414BUGULA SP	R	5
152.	61478ST161A 1	4	415VITTATICELLA CONTEI	R	<5
153.	61478ST161A 1	4	416TURRITOPSIS NUTRICULA	R	<5
154.	61478ST161A 1	4	417SERTULARIA TURBINATA	R	<5
155.	61478ST161A 1	4	418CLYTIA SP	R	<5
156.	61478ST161A 1	4	419CALCAREA HOMOCOELIDAE	C	15

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157.  61478ST161A 1 4 421DEMOSPONGIAE 2                    R <5
158.  61478ST161A 1 4 4  ALGAE                             A 50
159.  61478ST161A20 1 5 5BUGULA NERITINA                   C 30
160.  61478ST161A20 1 5 6AETEA ANGUINA                     R <5
161.  61478ST161A20 1 5 7CLEIDOCHASMA CONTRACTUM           R  5
162.  61478ST161A20 1 5 8SCHIZOPORELLA ERRATA              R  5
163.  61478ST161A20 1 5 8DEMOSPONGIAE 2                    C 20
164.  61478ST161A20 1 5 9DEMOSPONGIAE 6                    R <5
165.  61478ST161A20 1 5 10ASCIDIACEA 2                     C 15
166.  61478ST161A20 1 5 11OBELIA  DICHOTOMA                R <5
167.  61478ST161A20 1 5 12CLYTIA SP                        R <5
168.  61478ST161A20 1 5 13TURRITOPSIS NUTRICULA            R <5
169.  61478ST161A20 1 5 16SALMACINA SP                     C 10
170.  61478ST161A20 1 5  ALGAE                             R <5
171.  61478ST161A20 2 5 10BUGULA NERITINA                  A 40
172.  61478ST161A20 2 5 11CLEIDOCHASMA CONTRACTUM          R  5
173.  61478ST161A20 2 5 12ASCIDIACEA 2                     C 15
174.  61478ST161A20 2 5 13TURRITOPSIS NUTRICULA            R <5
175.  61478ST161A20 2 5 14OBELIA  DICHOTOMA                R <5
176.  61478ST161A20 2 5 15DEMOSPONGIAE 7                   C 20
177.  61478ST161A20 2 5 3SALMACINA SP                      R  5
178.  61478ST161A20 2 5  ALGAE                             C 10
179.  61478ST161A20 3 5 5BUGULA NERITINA                   R <5
180.  61478ST161A20 3 5 6CLEIDOCHASMA CONTRACTUM           C 30
181.  61478ST161A20 3 5 7ASCIDIACEA 2                      C 10
182.  61478ST161A20 3 5 8ZOANTHIDEA                        C 30
183.  61478ST161A20 3 5 10TURRITOPSIS NUTRICULA           R <5
184.  61478ST161A20 3 5 11HALECIUM SP                      R <5
185.  61478ST161A20 3 5 12DEMOSPONGIAE 2                   C 10
186.  61478ST161A20 3 5 13DEMOSPONGIAE 7                   R <5
187.  61478ST161A20 3 5 17SALMACINA SP                     R  5
188.  61478ST161A20 3 5  ALGAE                             R  5
189.  61478ST161A30 1 5 10SALMACINA SP                     R <5
190.  61478ST161A30 1 5 11CLEIDOCHASMA CONTRACTUM          R <5
191.  61478ST161A30 1 5 12SYNNOTUM AEGYPTIACUM             R <5
192.  61478ST161A30 1 5 13ASCIDIACEA 2                     R <5
193.  61478ST161A30 1 5 14DEMOSPONGIAE 7                   C 30
194.  61478ST161A30 1 5 15DEMOSPONGIAE 8                   A 50
195.  61478ST161A30 1 5 16HALECIUM SP                      R  5
196.  61478ST161A30 1 5 17ENTOPROCTA                       R  5
197.  61478ST161A30 2 5 7SALMACINA SP                      R <5
198.  61478ST161A30 2 5 8BUGULA NERITINA                   R  5
199.  61478ST161A30 2 5 9SAVIGNYELLA LAFONTII             R <5
200.  61478ST161A30 2 5 10ZOANTHIDEA                       R <5
201.  61478ST161A30 2 5 11ASCIDIACEA 2                     A 70
202.  61478ST161A30 2 5 12DEMOSPONGIAE 7                   R  5
203.  61478ST161A30 2 5 13ENTOPROCTA                       R  5
204.  61478ST161A30 2 5 14TURRITOPSIS NUTRICULA           R <5
205.  61478ST161A30 2 5 15HALECIUM SP                      R  5
206.  61478ST161A30 3 5 10ANTROPORA TINCTA                 R <5
207.  61478ST161A30 3 5 11BUGULA NERITINA                  R <5
208.  61478ST161A30 3 5 12CLYTIA SP                        R <5
209.  61478ST161A30 3 5 13ENTOPROCTA                       R  5
210.  61478ST161A30 3 5 14CALCAREA HOMOCOELIDAE            R <5
211.  61478ST161A30 3 5 16ZOANTHIDEA                       A 85
212.  61778 WD32A 1 1 4 9CLYTIA SP                         C 10
213.  61778 WD32A 1 1 410OBELIA  DICHOTOMA                 R <5
214.  61778 WD32A 1 1 411AEVERILLIA SETIGERA               A 40
215.  61778 WD32A 1 1 412AETEA ANGUINA                     C 25
216.  61778 WD32A 1 1 413HIPPOPORINA AMERICANA             C 10
217.  61778 WD32A 1 1 415MEMBRANIPORA SAVARTII             C 10
218.  61778 WD32A 1 1 414DEMOSPONGIAE 9                    R <5
219.  61778 WD32A 1 2 410HIPPOPORINA AMERICANA             R <5
220.  61778 WD32A 1 2 411AETEA ANGUINA                     R <5
221.  61778 WD32A 1 2 412AEVERILLIA SETIGERA               A 40
222.  61778 WD32A 1 2 413CLYTIA SP                         A 50
223.  61778 WD32A 1 2 414OBELIA  DICHOTOMA                 R  5
224.  61778 WD32A 1 3 4 7MEMBRANIPORA SAVARTII             C 10
225.  61778 WD32A 1 3 4 8AETEA ANGUINA                     R  5
226.  61778 WD32A 1 3 4 9AEVERILLIA SETIGERA               C 20
227.  61778 WD32A 1 3 410CLYTIA SP                         A 40
228.  61778 WD32A 1 3 411OBELIA  DICHOTOMA                 C 20
229.  61778 WD32A 1 3 4  ALGAE                             R  5
230.  61778 WD32A10 2 416CLIONIDAE                         C 20
231.  61778 WD32A10 2 417DEMOSPONGIAE 1                    R  5
232.  61778 WD32A10 2 418DEMOSPONGIAE 4                    R <5
233.  61778 WD32A10 2 419AEVERILLIA SETIGERA               C 20
234.  61778 WD32A10 2 420AETEA ANGUINA                     C 10
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235.	61778	WD32A10	2	422	BUGULA SP	R	<5
236.	61778	WD32A10	2	423	OBELIA DICHOTOMA	R	5
237.	61778	WD32A10	2	424	CLYTIA SP	C	10
238.	61778	WD32A10	2	425	TURRITOPSIS NUTRICULA	C	10
239.	61778	WD32A10	2	426	EUDENDRIUM CARNEUM	C	15
240.	61778	WD32A10	3	412	PARASMITTINA MUNITA	C	10
241.	61778	WD32A10	3	413	AEVERILLIA SETIGERA	C	20
242.	61778	WD32A10	3	414	BUGULA SP	R	<5
243.	61778	WD32A10	3	415	EUDENDRIUM CARNEUM	C	10
244.	61778	WD32A10	3	416	TURRITOPSIS NUTRICULA	C	30
245.	61778	WD32A10	3	417	CLYTIA SP	R	5
246.	61778	WD32A10	3	418	OBELIA DICHOTOMA	R	<5
247.	61778	WD32A10	3	419	ASCIDIACEA 2	C	20
248.	61778	WD32A10	4	410	PARASMITTINA MUNITA	R	<5
249.	61778	WD32A10	4	411	AEVERILLIA SETIGERA	C	10
250.	61778	WD32A10	4	412	BUGULA SP	R	5
251.	61778	WD32A10	4	413	OBELIA DICHOTOMA	R	<5
252.	61778	WD32A10	4	414	CLYTIA SP	R	<5
253.	61778	WD32A10	4	415	EUDENDRIUM CARNEUM	C	10
254.	61778	WD32A10	4	416	TURRITOPSIS NUTRICULA	A	50
255.	61778	WD32A10	4	417	ASCIDIACEA 2	C	10
256.	61778	WD32A10	4	418	CLIONIDAE	R	<5
257.	61778	WD32A10	4	419	CALCAREA HOMOCOELIDAE	R	5
258.	61878	WD32E10	5	417	OBELIA DICHOTOMA	R	<5
259.	61878	WD32E10	5	418	EUDENDRIUM CARNEUM	C	15
260.	61878	WD32E10	5	419	TURRITOPSIS NUTRICULA	C	15
261.	61878	WD32E10	5	420	CLYTIA SP	R	5
262.	61878	WD32E10	5	421	PARASMITTINA MUNITA	C	30
263.	61878	WD32E10	5	422	AEVERILLIA SETIGERA	R	5
264.	61878	WD32E10	5	423	BUGULA SP	R	5
265.	61878	WD32E10	5	424	CLIONIDAE	C	20
266.	61878	WD32E10	5	425	ASCIDIACEA 2	R	<5
267.	61878	WD32E10	6	417	PARASMITTINA MUNITA	C	20
268.	61878	WD32E10	6	418	BUGULA SP	R	5
269.	61878	WD32E10	6	419	AEVERILLIA SETIGERA	R	<5
270.	61878	WD32E10	6	421	TURRITOPSIS NUTRICULA	C	10
271.	61878	WD32E10	6	422	EUDENDRIUM CARNEUM	R	5
272.	61878	WD32E10	6	423	CLYTIA SP	R	5
273.	61878	WD32E10	6	424	CLIONIDAE	R	5
274.	61878	WD32E10	6	426	DEMOSPONGIAE 9	R	5
275.	61878	WD32E10	6	425	CALCAREA HOMOCOELIDAE	R	<5
276.	61878	WD32E10	6	427	ASCIDIACEA 1	C	20
277.	61878	WD32E10	6	428	ASCIDIACEA 2	C	20
278.	61878	WD32E10	8	417	PARASMITTINA MUNITA	A	40
279.	61878	WD32E10	8	418	AETEA ANGUINA	R	<5
280.	61878	WD32E10	8	419	AEVERILLIA SETIGERA	R	<5
281.	61878	WD32E10	8	420	BUGULA NERITINA	R	<5
282.	61878	WD32E10	8	421	BUGULA SP	R	<5
283.	61878	WD32E10	8	422	TURRITOPSIS NUTRICULA	C	20
284.	61878	WD32E10	8	423	EUDENDRIUM CARNEUM	C	10
285.	61878	WD32E10	8	424	CLYTIA SP	R	<5
286.	61878	WD32E10	8	425	CALCAREA HOMOCOELIDAE	R	<5
287.	61878	WD32E10	8	426	DEMOSPONGIAE 9	R	5
288.	61878	WD32E10	8	427	ASCIDIACEA 2	C	10
289.	61978	BM3KN10	1	4	AEVERILLIA SETIGERA	C	35
290.	61978	BM3KN10	1	4	OBELIA DICHOTOMA	A	60
291.	61976	BM3KN10	1	410	CLYTIA SP	R	5
292.	61978	BM3KN10	3	4	OBELIA DICHOTOMA	C	30
293.	61978	BM3KN10	3	410	AEVERILLIA SETIGERA	A	50
294.	61978	BM3KN10	3	411	CLIONIDAE	C	20
295.	61978	BM3KN10	4	410	SCHIZOPORELLA ERRATA	C	20
296.	61978	BM3KN10	4	411	AEVERILLIA SETIGERA	C	30
297.	61978	BM3KN10	4	412	OBELIA DICHOTOMA	C	10
298.	61978	BM3KN10	4	413	CLIONIDAE	A	40
299.	61978	BM3KN 1	1	411	OBELIA DICHOTOMA	C	10
300.	61978	BM3KN 1	1	412	AEVERILLIA SETIGERA	C	20
301.	61978	BM3KN 1	1	413	AETEA ANGUINA	R	<5
302.	61978	BM3KN 1	1	414	MEMBRANIPORIDAE	R	<5
303.	61978	BM3KN 1	1	415	CLIONIDAE	C	15
304.	61978	BM3KN 1	1	416	DEMOSPONGIAE 9	C	10
305.	61978	BM3KN 1	1	4	ALGAE	A	40
306.	61978	BM3KN 1	2	412	CLIONIDAE	A	40
307.	61978	BM3KN 1	2	413	DEMOSPONGIAE 2	R	5
308.	61978	BM3KN 1	2	414	CALCAREA HOMOCOELIDAE	R	5
309.	61978	BM3KN 1	2	415	AEVERILLIA SETIGERA	C	20
310.	61978	BM3KN 1	2	416	AETEA ANGUINA	R	<5
311.	61978	BM3KN 1	2	417	OBELIA DICHOTOMA	R	5
312.	61978	BM3KN 1	2	418	TURRITOPSIS NUTRICULA	R	<5

313.	61978	BM3KN	1	2	4		ALGAE			C	20
314.	61978	BM3KN	1	4	414	AFTEA	ANGUINA			K	<5
315.	61978	BM3KN	1	4	415	AEVERILLIA	SETIGERA			C	20
316.	61978	BM3KN	1	4	416	OHELIA	DICHOTOMA			C	20
317.	61978	BM3KN	1	4	417	TURRITOPSIS	NUTRICULA			R	5
318.	61978	BM3KN	1	4	418	CLYTIA	SP			R	<5
319.	61978	BM3KN	1	4	419	CLIONIDAE				C	30
320.	61978	BM3KN	1	4	4		ALGAE			C	20

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 1.  061778 WD32A  1  1        BALANUS AMPHITRITE          129  16  145  195.5131.6
 2.  061778 WD32A  1  1        BALANUS TINTINNABULUM         1   0    1  2.38461.724
 3.  061778 WD32A  1  1        BALANUS EBURNEUS              2   1    3  33.28542.432
 4.  061778 WD32A  1  1        BALANUS IMPROVISUS          174  31  205  30.00419.63
 5.  061778 WD32A  1  1        ISOGNOMON BICOLOR                      4  .4899.2719
 6.  061778 WD32A  1  1  4  1CAPRELLA EQUILIBRA                        7  .0008.0000
 7.  061778 WD32A  1  1  4  2STENOTHOE SP                           116  .0150.0032
 8.  061778 WD32A  1  1  4  3CORUPHIUM SP                           37  .0037.0010
 9.  061778 WD32A  1  1  4  4CORUPHIUM SP                                          30.0000.0000
10.  061778 WD32A  1  1  4  5NEANTHES SUCCINEA                      2  .0105.0016
11.  061778 WD32A  1  1  4  6PYCNOGONIDA                            1  .0001.0000
12.  061778 WD32A  1  1  4  7NEMERTEA                              4  .0005.0001
13.  061778 WD32A  1  1  4  8ACTINIARIA                            7  .0231.0071
14.  061778 WD32A  1  2        BALANUS AMPHITRITE          146  23  169  226.0154.2
15.  061778 WD32A  1  2        BALANUS IMPROVISUS          168  36  204  26.99717.74
16.  061778 WD32A  1  2        BALANUS EBURNEUS              0   2    2  23.15052.754
17.  061778 WD32A  1  2        OSTREA EQUESTRIS                       1  .0932.0581
18.  061778 WD32A  1  2        LITHOPHAGA ARISTATA                    1  .0218.0097
19.  061778 WD32A  1  2        ISOGNOMON BICOLOR                      5  .3393.2017
20.  061778 WD32A  1  2  4  ASPHAEROMA SP                                            5  .0905.0103
21.  061778 WD32A  1  2  4  1CAPRELLA EQUILIBRA                      10  .0049.0007
22.  061778 WD32A  1  2  4  2STENOTHOE SP                          168  .0173.0050
23.  061778 WD32A  1  2  4  3CORUPHIUM SP                          50  .0102.0016
24.  061778 WD32A  1  2  4  4NEANTHES SUCCINEA                     4  .0579.0104
25.  061778 WD32A  1  2  4  5PYCNOGONIDA                           3  .0003.0000
26.  061778 WD32A  1  2  4  6NEMERTEA                             4  .0007.0002
27.  061778 WD32A  1  2  4  7PLATYHELMINTHES                       1  .0000.0000
28.  061778 WD32A  1  2  4  8DOTO UVA                                          10.0000.0000
29.  061778 WD32A  1  2  4  9ACTINIARIA                           15  .0231.0057
30.  061778 WD32A  1  3        BALANUS AMPHITRITE          109  10  119  203.1135.1
31.  061778 WD32A  1  3        ISOGNOMON BICOLOR                      2  .2284.1485
32.  061778 WD32A  1  3        BALANUS IMPROVISUS          231  30  261  39.49625.19
33.  061778 WD32A  1  3     4EURYPANOPEUS DEPRESSUS                                 10.1372.0229
34.  061778 WD32A  1  3  4  1CAPRELLA EQUILIBRA                      6  .0033.0005
35.  061778 WD32A  1  3  4  2STENOTHOE SP                          112  .0081.0024
36.  061778 WD32A  1  3  4  3CORUPHIUM SP                          20  .0032.0006
37.  061778 WD32A  1  3  4  4NEANTHES SUCCINEA                     1  .0028.0004
38.  061778 WD32A  1  3  4  5PYCNOGONIDA                           2  .0000.0000
39.  061778 WD32A  1  3  4  6ACTINIARIA                            3  .0013.0001
40.  061778 WD32A10 2        BALANUS AMPHITRITE           70  82  152  274.6193.2
41.  061778 WD32A10 2        BALANUS IMPROVISUS           15  11  264.16462.544
42.  061778 WD32A10 2        BALANUS EBURNEUS              2   0    2  18.0  12.4
43.  061778 WD32A10 2        OSTREA EQUESTRIS                      28  56.8  42.1
44.  061778 WD32A10 2        LITHOPHAGA BISCULATA                  31.0449.5285
45.  061778 WD32A10 2        LITHOPHAGA ARISTATA                   71.6296.8073
46.  061778 WD32A10 2        CHAMA MACEROPHYLLA                    26  16.5  11.8
47.  061778 WD32A10 2        ANADARA TRANSVERSA                     5  .9256.6660
48.  061778 WD32A10 2     ANADARA TRANSVERSA                                      10.0503.0362
49.  061778 WD32A10 2        ISOGNOMON BICOLOR                     181.82761.033
50.  061778 WD32A10 2        PSEUDOMEDAEUS AGASSIZII               162.8835.9350
51.  061778 WD32A10 2        MENIPPE MERCENARIA                     1  .1508.0522
52.  061778 WD32A10 2        SYNALPHEUS FRITZMUELLERI               1  .1691.0327
53.  061778 WD32A10 2  4  1CAPRELLA EQUILIBRA                       6  .0027.0002
54.  061778 WD32A10 2  4  2STENOTHOE SP                           7  .0003.0000
55.  061778 WD32A10 2  4  3PODOCERUS BRASILIENSIS                 2  .0006.0002
56.  061778 WD32A10 2  4  4BRANIA SP                             11  .0000.0000
57.  061778 WD32A10 2  4  2?BRANIA SP                                            40.0000.0000
58.  061778 WD32A10 2  4  5EXOGONE DISPAR                                        20.0000.0000
59.  061778 WD32A10 2  4  6CTENODRILUS SP                         2  .0000.0000
60.  061778 WD32A10 2  4  7ODONTOSYLLIS SP                        4  .0000.0000
61.  061778 WD32A10 2  4  8AUTOLYTUS SP                           1  .0000.0000
62.  061778 WD32A10 2  4  9NEANTHES SUCCINEA                      2  .0001.0000
63.  061778 WD32A10 2  4  10TYPOSYLLIS SP                         6  .0007.0001
64.  061778 WD32A10 2  4  11POLYDORA SP                                          30.0381.0093
65.  061778 WD32A10 2  4  12OPHIODROMUS OBSCURA                                  10.0016.0004
66.  061778 WD32A10 2  4  13PHORONIS SP                                         20.0033.0009
67.  061778 WD32A10 2  4  14NEMERTEA                               4  .0000.0000
68.  061778 WD32A10 2  4  15ACTINIARIA                             7  .0187.0048
69.  061778 WD32A10 2  4  27EPITONIUM HUMPHREYSII                                10.0021.0003
70.  061778 WD32A10 3        BALANUS AMPHITRITE          84120  204  388.4305.5
71.  061778 WD32A10 3        BALANUS EBURNEUS              2   3    5  23.18118.73
72.  061778 WD32A10 3        BALANUS IMPROVISUS           52  81  133  14.49310.25
73.  061778 WD32A10 3     CRALANUS CALIDUS                 0   1    1                0.4791.2927
74.  061778 WD32A10 3        BALANUS CALIDUS               1   0    1  10.8291.7097
75.  061778 WD32A10 3        ISOGNOMON BICOLOR                     162.06091.361
76.  061778 WD32A10 3        LITHOPHAGA BISCULATA                  5  .4749.1995
77.  061778 WD32A10 3        LITHOPHAGA ARISTATA                   113.06011.550
78.  061778 WD32A10 3        ANADARA TRANSVERSA                    113.08511.909
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79.	061778	WD32A10	3			ANOFTIA PONDEROSA							10.0428.0265
80.	061778	WD32A10	3			HIATELLA ARCTICA				1	.1445.1309		
81.	061778	WD32A10	3			CHAMA MACEROPHYLLA			56	35.9	26.1		
82.	061778	WD32A10	3			OSTREA EQUESTRIS			42	114.9	93.2		
83.	061778	WD32A10	3			SYNALPHEUS FRITZMUELLERI				3	.3429.0572		
84.	061778	WD32A10	3			MENIPPE MERCENARIA				61	.8515.5143		
85.	061778	WD32A10	3			PSEUDOMEDAEUS AGASSIZII				283	.2568.1.086		
86.	061778	WD32A10	3			EURYPANOPEUS DEPRESSUS				3	.3930.1144		
87.	061778	WD32A10	3			BEURYPANOPEUS DEPRESSUS							10.2308.0672
88.	061778	WD32A10	3	4	1	CAPRELLA EQUILIBRA				1	.0002.0001		
89.	061778	WD32A10	3	422		PARACAPRELLA PUSILLA							10.0000.0000
90.	061778	WD32A10	3	4	2	STENOTHOE SP				2	.0000.0000		
91.	061778	WD32A10	3	4	3	BRANIA SP				7	.0000.0000		
92.	061778	WD32A10	3	4	4	NEANTHES SUCCINEA				2	.0000.0000		
93.	061778	WD32A10	3	4	5	TYPOSYLLIS SP				3	.0004.0000		
94.	061778	WD32A10	3	4	6	AUTOLYTUS SP				1	.0001.0000		
95.	061778	WD32A10	3	4	7	CTENODRILUS SP				1	.0000.0000		
96.	061778	WD32A10	3	4	8	POLYDORA SP							10.0000.0000
97.	061778	WD32A10	3	4	9	NEMERTEA				1	.0000.0000		
98.	061778	WD32A10	3	410		ACTINIARIA				1	.0022.0003		
99.	061778	WD32A10	3	411		DOTO UVA				2	.0001.0000		
100.	061778	WD32A10	3	421		PHORONIS SP							10.0007.0003
101.	061778	WD32A10	4			BALANUS AMPHITRITE	50	66	116	171.3132.0			
102.	061778	WD32A10	4			BALANUS IMPROVISUS	7	70	273	.82412.949			
103.	061778	WD32A10	4			BALANUS EBURNEUS	2	2	4	10.518.116			
104.	061778	WD32A10	4			OSTREA EQUESTRIS			18	136.6111.6			
105.	061778	WD32A10	4			ISOGNOMON BICOLOR			111	.3490.8964			
106.	061778	WD32A10	4			CHAMA MACEROPHYLLA			135	.08003.853			
107.	061778	WD32A10	4			LITHOPHAGA ARISTATA				3	.1660.0785		
108.	061778	WD32A10	4			LITHOPHAGA BISCULATA				3	.1021.0442		
109.	061778	WD32A10	4			ANADARA TRANSVERSA				81	.5358.9895		
110.	061778	WD32A10	4			SYNALPHEUS FRITZMUELLERI				2	.2577.0467		
111.	061778	WD32A10	4			PSEUDOMEDAEUS AGASSIZII				9	.4524.1253		
112.	061778	WD32A10	4			MENIPPE MERCENARIA				41	.7000.4859		
113.	061778	WD32A10	4	4	1	STENOTHOE SP				2	.0003.0000		
114.	061778	WD32A10	4	4	2	ERICHTHONIUS BRASILIENSIS				1	.0002.0000		
115.	061778	WD32A10	4	4	3	CAPRELLA EQUILIBRA				4	.0017.0003		
116.	061778	WD32A10	4	425		PARACAPRELLA PUSILLA				1	.0000.0000		
117.	061778	WD32A10	4	4	4	ODONTOSYLLIS SP				4	.0003.0000		
118.	061778	WD32A10	4	4	5	BRANIA SP				2	.0000.0000		
119.	061778	WD32A10	4	4	6	TYPOSYLLIS SP				1	.0000.0000		
120.	061778	WD32A10	4	4	7	POLYDORA SP				1	.0001.0000		
121.	061778	WD32A10	4	4	8	NEANTHES SUCCINEA				1	.0000.0000		
122.	061778	WD32A10	4	4	9	NEMERTEA				4	.0001.0000		
123.	061778	WD32A10	4	420		ACTINIARIA							20.0009.0002
124.	061778	WD32A10	4	421		PHORONIS SP				1	.0011.0003		
125.	061778	WD32A10	4	422		DOTO UVA							20.0000.0000
126.	061778	WD32A10	4	423		THAIS HAEMASTOMA							10.0007.0002
127.	061778	WD32A10	4	424		KELLIA SUBORBICULARIS				1	.0067.0029		
128.	061878	WD32E10	5			BALANUS AMPHITRITE	61	82	143	129.6	98.5		
129.	061878	WD32E10	5			BALANUS EBURNEUS	2	0	2	7.59995.391			
130.	061878	WD32E10	5			BALANUS IMPROVISUS	11	18	29	3.3672.337			
131.	061878	WD32E10	5			OSTREA EQUESTRIS			37	190.4144.5			
132.	061878	WD32E10	5			CHAMA MACEROPHYLLA			16	26.1	19.4		
133.	061878	WD32E10	5			ISOGNOMON BICOLOR				5	.4882.3344		
134.	061878	WD32E10	5			LITHOPHAGA BISCULATA				7	.5156.2305		
135.	061878	WD32E10	5			LITHOPHAGA ARISTATA				2	.4541.2318		
136.	061878	WD32E10	5			ANADARA TRANSVERSA				41	.2413.7988		
137.	061878	WD32E10	5			PSEUDOMEDAEUS AGASSIZII				312	.3896.8051		
138.	061878	WD32E10	5	426		KELLIA SUBORBICULARIS				1	.0199.0144		
139.	061878	WD32E10	5	4	1	CAPRELLA EQUILIBRA				2	.0001.0000		
140.	061878	WD32E10	5	427		PARACAPRELLA PUSILLA				1	.0000.0000		
141.	061878	WD32E10	5	4	2	STENOTHOE SP				1	.0000.0000		
142.	061878	WD32E10	5	4	3	SYLLIS SP				4	.0026.0007		
143.	061878	WD32E10	5	4	4	TYPOSYLLIS SP				19	.0032.0007		
144.	061878	WD32E10	5	4	5	NEANTHES SUCCINEA				2	.0000.0000		
145.	061878	WD32E10	5	4	6	ODONTOSYLLIS SP				6	.0003.0000		
146.	061878	WD32E10	5	4	7	BRANIA SP				3	.0000.0000		
147.	061878	WD32E10	5	4	8	DODECACERIA SP				1	.0000.0000		
148.	061878	WD32E10	5	4	9	POLYDORA SP				2	.0008.0002		
149.	061878	WD32E10	5	410		EXOGONE DISPAR				1	.0000.0000		
150.	061878	WD32E10	5	412		ANAITIDES MUCOSA				1	.0365.0066		
151.	061878	WD32E10	5	411		CTENODRILUS SP				1	.0000.0000		
152.	061878	WD32E10	5	413		NEMERTEA				5	.0001.0000		
153.	061878	WD32E10	5	415		ACTINIARIA				5	.0206.0053		
154.	061878	WD32E10	5	416		PHORONIS SP				1	.0000.0000		
155.	061878	WD32E10	6			BALANUS AMPHITRITE	49	43	92	131.6101.8			
156.	061878	WD32E10	6			BALANUS IMPROVISUS	15	8	232	.49721.159			

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157. 061878 WD32E10 6     BALANUS EBURNEUS                2  3    52.92822.568
158. 061878 WD32E10 6    ABALANUS CALIDUS                 1  0    1                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     PSEUDOMEDAEUS 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 4 1CAPRELLA EQUILIBRA                       4 .0039.0003
168. 061878 WD32E10 6 4 2STENOTHOE SP                             3 .0000.0000
169. 061878 WD32E10 6 4 3PODOCERUS BRASILIENSIS                   4 .0016.0002
170. 061878 WD32E10 6 4 4NEANTHES SUCCINEA                        1 .0251.0047
171. 061878 WD32E10 6 4 5BRANIA SP                                3 .0000.0000
172. 061878 WD32E10 6 4 6EXOGONE DISPAR                           2 .0000.0000
173. 061878 WD32E10 6 4 7AUTOLYTUS SP                             3 .0002.0000
174. 061878 WD32E10 6 4 8SYLLIS SP                                1 .0001.0000
175. 061878 WD32E10 6 4 9ODONTOSYLLIS SP                          1 .0000.0000
176. 061878 WD32E10 6 410DODECACERIA SP                           1 .0001.0000
177. 061878 WD32E10 6 411POLYDORA SP                              1 .0006.0001
178. 061878 WD32E10 6 412TYPOSYLLIS SP                            3 .0000.0000
179. 061878 WD32E10 6 413NEMERTEA                                 8 .0007.0002
180. 061878 WD32E10 6 414ACTINIARIA                               5 .0025.0003
181. 061878 WD32E10 6 415PHORONIS SP                              1 .0001.0000
182. 061878 WD32E10 6 416DOTO 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   29.32898.306
186. 061878 WD32E10 8     OSTREA EQUESTRIS                       25 245.8204.8
187. 061878 WD32E10 8     ISOGNOMON BICOLOR                       4 .6454.5045
188. 061878 WD32E10 8     ANADARA TRANSVERSA                      3 .4539.2890
189. 061878 WD32E10 8    ABARBATIA 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     PSEUDOMEDAEUS 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 4 1CAPRELLA EQUILIBRA                       1 .0001.0000
197. 061878 WD32E10 8 4 2PARACAPRELLA PUSILLA                                      3.00000.0000
198. 061878 WD32E10 8 4 3PODOCERUS BRASILIENSIS                   4 .0001.0000
199. 061878 WD32E10 8 4 4STENOTHOE SP                             1 .0000.0000
200. 061878 WD32E10 8 4 5NEMERTEA                                 8 .0000.0000
201. 061878 WD32E10 8 4 6ACTINIARIA                               2 .0018.0005
202. 061878 WD32E10 8 4 7NEANTHES SUCCINEA                        1 .0000.0000
203. 061878 WD32E10 8 4 8EXOGONE DISPAR                           1 .0000.0000
204. 061878 WD32E10 8 4 9AUTOLYTUS SP                             1 .0001.0000
205. 061878 WD32E10 8 410TYPOSYLLIS SP                            5 .0004.0001
206. 061878 WD32E10 8 411BRANIA SP                                3 .0000.0000
207. 061878 WD32E10 8 412ODONTOSYLLIS SP                          3 .0000.0000
208. 061878 WD32E10 8 413POLYDORA SP                              1 .0001.0000
209. 061878 WD32E10 8 414DODECACERIA SP                           1 .0001.0000
210. 061878 WD32E10 8 415EUPOMATUS DIANTHUS                                        10.0268.0008
211. 061878 WD32E10 8 416DOTO UVA                                                  1.00000.0000
212. 061878 WD32E10 8 428PHORONIS SP                              1 .0001.0000
213. 061978 BM3KN 1 1     BALANUS AMPHITRITE          613 47 660 321.4223.9
214. 061978 BM3KN 1 1     BALANUS IMPROVISUS          103 14 11720.87515.29
215. 061978 BM3KN 1 1     BALANUS EBURNEUS                0  1    1 .2811.2758
216. 061978 BM3KN 1 1     ISOGNOMON BICOLOR                       3 .6154.3969
217. 061978 BM3KN 1 1     OSTREA EQUESTRIS                       54.18083.552
218. 061978 BM3KN 1 1     LITHOPHAGA BISCULATA                    1 .0613.0281
219. 061978 BM3KN 1 1     MENIPPE MERCENARIA                      2 .1980.0639
220. 061978 BM3KN 1 1 4 1STENOTHOE SP                             80 .0103.0074
221. 061978 BM3KN 1 1 4 2JASSA FALCATA                            12 .0032.0006
222. 061978 BM3KN 1 1 4 3CORUPHIUM SP                             2 .0000.0000
223. 061978 BM3KN 1 1 4 4CAPRELLA EQUILIBRA                       8 .0017.0004
224. 061978 BM3KN 1 1 4 5SYLLIS SP                                3 .0041.0009
225. 061978 BM3KN 1 1 4 6NEANTHES SUCCINEA                        1 .0001.0000
226. 061978 BM3KN 1 1 4 7TYPOSYLLIS SP                            4 .0005.0001
227. 061978 BM3KN 1 1 4 8SYLLINAE                                                  10.0014.0003
228. 061978 BM3KN 1 1 4 9NEMERTEA                                14 .0016.0003
229. 061978 BM3KN 1 1 410ACTINIARIA                             192 .6122.1360
230. 061978 BM3KN 1 2     BALANUS AMPHITRITE          583 72 655 437.7274.8
231. 061978 BM3KN 1 2     BALANUS IMPROVISUS           77 24 10116.75413.39
232. 061978 BM3KN 1 2     OSTREA EQUESTRIS                14  17.0  13.4
233. 061978 BM3KN 1 2     ISOGNOMON BICOLOR                       7 .7665.6240
234. 061978 BM3KN 1 2     LITHOPHAGA ARISTATA                    51.1120.6302
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235.	061978	BM3KN	1	2		ANADARA TRANSVERSA					31	.4217	.6122	
236.	061978	BM3KN	1	2		LITHOPHAGA BISCULATA					1	.0500	.0246	
237.	061978	BM3KN	1	2		MENIPPE MERCENARIA					51	.5813	.5199	
238.	061978	BM3KN	1	2		SIPUNCULA					1	.0104	.0033	
239.	061978	BM3KN	1	2	4	1ACTINIARIA					211	.8483	.1716	
240.	061978	BM3KN	1	2	4	2NEMERTEA					29	.0052	.0008	
241.	061978	BM3KN	1	2	4	3STENOTHOE SP					109	.0105	.0019	
242.	061978	BM3KN	1	2	4	4COROPHIUM SP					4	.0005	.0001	
243.	061978	BM3KN	1	2	4	5JASSA FALCATA					10	.0008	.0001	
244.	061978	BM3KN	1	2	4	6CAPRELLA EQUILIBRA					5	.0001	.0000	
245.	061978	BM3KN	1	2	4	7SYLLIS SP					20	.0188	.0036	
246.	061978	BM3KN	1	2	4	8NEANTHES SUCCINEA					1	.0000	.0000	
247.	061978	BM3KN	1	2	4	9TYPOSYLLIS SP					20	.0013	.0002	
248.	061978	BM3KN	1	2	410	AUTOLYTUS SP					1	.0000	.0000	
249.	061978	BM3KN	1	2	411	SYLLINAE					1	.0004	.0000	
250.	061978	BM3KN	1	2	419	KELLIA SUBORBICULARIS					1	.0108	.0078	
251.	061978	BM3KN	1	4		BALANUS AMPHITRITE	604	88	692	352.7	237.1			
252.	061978	BM3KN	1	4		BALANUS IMPROVISUS	40	52	92	13.15	110.19			
253.	061978	BM3KN	1	4		BALANUS EBURNEUS	3	1	4	5.942	24.505			
254.	061978	BM3KN	1	4		OSTREA EQUESTRIS			15	17.0	12.4			
255.	061978	BM3KN	1	4		ISOGNOMON BICOLOR					82	.1983	1.490	
256.	061978	BM3KN	1	4		LITHOPHAGA ARISTATA					1	.0215	.0103	
257.	061978	BM3KN	1	4		MENIPPE MERCENARIA					2	.6559	.1999	
258.	061978	BM3KN	1	4	4	1STENOTHOE SP					19	.0008	.0002	
259.	061978	BM3KN	1	4	4	2COROPHIUM SP					4	.0001	.0000	
260.	061978	BM3KN	1	4	4	3CAPRELLA EQUILIBRA					43	.0148	.0019	
261.	061978	BM3KN	1	4	4	4NEMERTEA					40	.0049	.0010	
262.	061978	BM3KN	1	4	4	5POLYDORA SP					1	.0005	.0002	
263.	061978	BM3KN	1	4	4	6NEANTHES SUCCINEA					1	.0009	.0002	
264.	061978	BM3KN	1	4	4	7SYLLIS SP					3	.0026	.0005	
265.	061978	BM3KN	1	4	4	8TYPOSYLLIS SP					6	.0008	.0001	
266.	061978	BM3KN	1	4	4	9BRANIA SP					2	.0000	.0000	
267.	061978	BM3KN	1	4	410	EXOGONE DISPAR					1	.0000	.0000	
268.	061978	BM3KN	1	4	411	ACTINIARIA					199	.7879	.1744	
269.	061978	BM3KN	1	4	412	PLATYHELMINTHES					1	.0002	.0000	
270.	061978	BM3KN	1	4	413	DOTO UVA								10.0000.0000
271.	061978	BM3KN10	1			BALANUS AMPHITRITE	335	186	521	612.6	472.0			
272.	061978	BM3KN10	1			BALANUS EBURNEUS	2	1	3	10.68	111.64			
273.	061978	BM3KN10	1			BALANUS IMPROVISUS	215	47	262	23.18	616.07			
274.	061978	BM3KN10	1			OSTREA EQUESTRIS			48	74.5	62.8			
275.	061978	BM3KN10	1			ISOGNOMON BICOLOR					1	.0948	.0816	
276.	061978	BM3KN10	1			CHAMA MACEROPHYLLA					31	.1066	.6839	
277.	061978	BM3KN10	1			LITHOPHAGA BISCULATA					8	.8823	.3674	
278.	061978	BM3KN10	1			LITHOPHAGA ARISTATA					2	.6987	.3174	
279.	061978	BM3KN10	1			ANADARA TRANSVERSA					4	.6231	.4520	
280.	061978	BM3KN10	1			PSEUDOMEDAEUS AGASSIZII					152	.5433	.9024	
281.	061978	BM3KN10	1			MENIPPE MERCENARIA					6	.7485	.2458	
282.	061978	BM3KN10	1	4	1	STENOTHOE SP					1	.0000	.0000	
283.	061978	BM3KN10	1	4	2	EUPOMATUS DIANTHUS					1	.0020	.0007	
284.	061978	BM3KN10	1	4	3	SYLLIS SP					3	.0012	.0004	
285.	061978	BM3KN10	1	4	4	TYPOSYLLIS SP					6	.0004	.0002	
286.	061978	BM3KN10	1	4	5	POLYDORA SP					2	.0020	.0004	
287.	061978	BM3KN10	1	4	6	LUMBRINERIS INFLATA					10	.0271	.0085	
288.	061978	BM3KN10	1	4	7	ACTINIARIA					74	.3938	.0910	
289.	061978	BM3KN10	3			BALANUS AMPHITRITE	360	128	488	477.7	393.1			
290.	061978	BM3KN10	3			BALANUS IMPROVISUS	91	44	135	7.0686	.052			
291.	061978	BM3KN10	3			BALANUS EBURNEUS	13	9	22	1.8137	1.589			
292.	061978	BM3KN10	3			CHAMA MACEROPHYLLA				21	.0667	.8538		
293.	061978	BM3KN10	3			ISOGNOMON BICOLOR				1	.1096	.1054		
294.	061978	BM3KN10	3			OSTREA EQUESTRIS				37	46.6	42.1		
295.	061978	BM3KN10	3			LITHOPHAGA BISCULATA				3	.6480	.0757		
296.	061978	BM3KN10	3			ANADARA TRANSVERSA				2	.9507	.3302		
297.	061978	BM3KN10	3			LITHOPHAGA ARISTATA				1	.5222	.0236		
298.	061978	BM3KN10	3			PSEUDOMEDAEUS AGASSIZII				111	.3886	.2882		
299.	061978	BM3KN10	3			MENIPPE MERCENARIA				51	.6692	.3599		
300.	061978	BM3KN10	3	4	1	COROPHIUM SP				1	.0004	.0002		
301.	061978	BM3KN10	3	4	2	STENOTHOE SP				1	.0000	.0000		
302.	061978	BM3KN10	3	4	3	NEANTHES SUCCINEA				3	.0023	.0004		
303.	061978	BM3KN10	3	4	4	SYLLIS SP				10	.0083	.0019		
304.	061978	BM3KN10	3	4	5	AUTOLYTUS SP				1	.0007	.0001		
305.	061978	BM3KN10	3	4	6	TYPOSYLLIS SP				7	.0006	.0001		
306.	061978	BM3KN10	3	4	7	TYPOSYLLIS SP								2.00000.0000
307.	061978	BM3KN10	3	4	8	ACTINIARIA				161	.5811	.1343		
308.	061978	BM3KN10	4			BALANUS AMPHITRITE	202	131	333	321.6	272.0			
309.	061978	BM3KN10	4			BALANUS IMPROVISUS	50	45	95	6.195	15.727			
310.	061978	BM3KN10	4			BALANUS EBURNEUS	3	3	6		.29.2886			
311.	061978	BM3KN10	4			CHAMA MACEROPHYLLA				1	.3770	.2742		
312.	061978	BM3KN10	4			OSTREA EQUESTRIS				23	40.0	36.0		

313.	061978 BM3KN10	4			LITHOPHAGA BISCULATA			5	.7121.3056		
314.	061978 BM3KN10	4			ANADARA TRANSVERSA			2	.1600.1499		
315.	061978 BM3KN10	4			PSEUDOMEDAEUS AGASSIZII			101	.4600.4745		
316.	061978 BM3KN10	4			MENIPPE MERCENARIA			6	.8936.2917		
317.	061978 BM3KN10	4	4	1	NEANTHES SUCCINEA			4	.0109.0016		
318.	061978 BM3KN10	4	4	2	EUPOMATUS DIANTHUS			1	.0011.0001		
319.	061978 BM3KN10	4	4	3	POLYDORA SP			2	.0012.0001		
320.	061978 BM3KN10	4	4	4	SYLLIS SP			6	.0015.0001		
321.	061978 BM3KN10	4	4	5	TYPOSYLLIS SP			8	.0007.0001		
322.	061978 BM3KN10	4	4	6	POTAMILLA SP			2	.0000.0000		
323.	061978 BM3KN10	4	4	7	POTAMILLA SP						10.0002.0000
324.	061978 BM3KN10	4	4	8	STENOTHOE SP			1	.0000.0000		
325.	061978 BM3KN10	4	4	9	ACTINIARIA			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	353.3214.4		
329.	061578ST128A	1	1		CHAMA MACEROPHYLLA			16	50.6 43.2		
330.	061578ST128A	1	1		LITHOPHAGA BISCULATA			1	.0243 .0138		
331.	061578ST128A	1	1		LITHOPHAGA ARISTATA			4	.7857 .4399		
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	1	4	1OPHIACTIS SAVIGNYI			2811	.4214.6456		
339.	061578ST128A	1	1	4	2SYLLIS SP			59	.0700.0131		
340.	061578ST128A	1	1	4	3CIFNODRILUS SP			15	.0000.0000		
341.	061578ST128A	1	1	4	4NEANTHES SUCCINEA			1	.0029.0008		
342.	061578ST128A	1	1	4	5DORVILLEA SP			7	.0004.0001		
343.	061578ST128A	1	1	4	6HAPLOSYLLIS SPONGICOLA			9	.0014.0000		
344.	061578ST128A	1	1	4	7AUTOLYTUS SP			2	.0000.0000		
345.	061578ST128A	1	1	4	8BRANIA SP			7	.0000.0000		
346.	061578ST128A	1	1	4	9EUSYLLIS SP			2	.0001.0000		
347.	061578ST128A	1	1	4	10TYPOSYLLIS SP			20	.0006.0003		
348.	061578ST128A	1	1	4	11TYPOSYLLIS SP						40.0035.0017
349.	061578ST128A	1	1	4	12PODOCERUS BRASILIENSIS			1	.0004.0000		
350.	061578ST128A	1	1	4	13STENOTHOE SP			2	.0000.0000		
351.	061578ST128A	1	1	4	14JASSA FALCATA			1	.0007.0000		
352.	061578ST128A	1	1	4	15FLASMOPUS RAPAX			1	.0000.0000		
353.	061578ST128A	1	1	4	16CAPRELLA EQUILIBRA			3	.0011.0000		
354.	061578ST128A	1	1	4	17PYCNOGONIDA			17	.0099.0009		
355.	061578ST128A	1	1	4	22TANAIS SP			2	.0013.0000		
356.	061578ST128A	1	1	4	23PLATYHELMINTHES			2	.0000.0000		
357.	061578ST128A	1	1	4	24NEMERTEA			21	.0007.0001		
358.	061578ST128A	1	1	4	25ACTINIARIA			6	.0057.0016		
359.	061578ST128A	1	1	4	26OTO UVA			1	.0006.0000		
360.	061578ST128A	1	2		ISOGNOMON BICOLOR			15477	.10045.00		
361.	061578ST128A	1	2		LITHOPHAGA ARISTATA				10.3890.1899		
362.	061578ST128A	1	2		OSTREA EQUESTRIS				422.49518.29		
363.	061578ST128A	1	2		CHAMA MACEROPHYLLA				66.81595.596		
364.	061578ST128A	1	2		ACHAMA MACEROPHYLLA						31.99021.634
365.	061578ST128A	1	2		PTERIA COLYMBUS				310.8476.777		
366.	061578ST128A	1	2		THAIS HAEMASTOMA				11.25831.004		
367.	061578ST128A	1	2		BALANUS TINTINNABULUM	3	1		41.7070.4869		
368.	061578ST128A	1	2		BALANUS AMPHITRITE	42	83	12590	.83125.91		
369.	061578ST128A	1	2		BALANUS IMPROVISUS	2	4		60.6476.1754		
370.	061578ST128A	1	2		SYNALPHEUS FRITZMUELLERI				61.0000.1651		
371.	061578ST128A	1	2		BMICROPANOPE NUTTINGII						10.1302.0469
372.	061578ST128A	1	2	4	1HAPLOSYLLIS SPONGICOLA				16 .0034.0002		
373.	061578ST128A	1	2	4	2HAPLOSYLLIS SPONGICOLA						30.0040.0003
374.	061578ST128A	1	2	4	3SYLLIS SP						30.0110.0014
375.	061578ST128A	1	2	4	4SYLLIS SP				17 .0302.0039		
376.	061578ST128A	1	2	4	5TYPOSYLLIS SP				2 .0000.0000		
377.	061578ST128A	1	2	4	6 AUTOLYTUS SP				3 .0011.0000		
378.	061578ST128A	1	2	4	7BRANIA SP				4 .0000.0000		
379.	061578ST128A	1	2	4	8PYCNOGONIDA				9 .0040.0002		
380.	061578ST128A	1	2	4	9PYCNOGONIDA						20.0045.0002
381.	061578ST128A	1	2	4	12OPHIACTIS SAVIGNYI				162 .6680.4567		
382.	061578ST128A	1	2	4	13OPHIACTIS SAVIGNYI						40.0980.0533
383.	061578ST128A	1	2	4	14CAPRELLA EQUILIBRA				1 .0000.0000		
384.	061578ST128A	1	2	4	15STENOTHOE SP				1 .0001.0000		
385.	061578ST128A	1	2	4	19NEMERTEA				1 .0000.0000		
386.	061578ST128A	1	2	4	20PLATYHELMINTHES				2 .0000.0000		
387.	061578ST128A	1	4		BALANUS TINTINNABULUM	22	2	24188	.18126.1		
388.	061578ST128A	1	4		BALANUS AMPHITRITE	27	20	4720	.55913.56		
389.	061578ST128A	1	4		BALANUS IMPROVISUS	27	7	343	.53152.149		
390.	061578ST128A	1	4		ISOGNOMON BICOLOR			222163	.9096.20		

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391. 061578ST12RA 1 4    LITHOPHAGA BISCULATA                    50.6489.3241
392. 061578ST12RA 1 4    CHAMA MACEROPHYLLA                    1154.58144.58
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394. 061578ST12RA 1 4    SYNALPHEUS FRITZMUELLERI                30.3715.1025
395. 061578ST12RA 1 4    PSEUDOMEDAEUS AGASSIZII                 10.1078.0300
396. 061578ST12RA 1 4   AMITHRAX SP                                          1 .0850.0264
397. 061578ST12RA 1 4 4 10PHIACTIS SAVIGNYI                    2461.4769.6274
398. 061578ST12RA 1 4 4 7CAPRELLA EQUILIBRA                        1 .0011.0002
399. 061578ST12RA 1 4 4 8STENOTHOE SP                             32 .0068.0008
400. 061578ST12RA 1 4 411PODOCERUS BRASILIENSIS                    4 .0022.0005
401. 061578ST12RA 1 4 412ELASMOPUS RAPAX                          2 .0001.0000
402. 061578ST12RA 1 4 413TANAIS SP                                1 .0000.0000
403. 061578ST12RA 1 4 414PYCNOGONIDA                             15 .0051.0006
404. 061578ST12RA 1 4 415DORVILLEA SP                             1 .0002.0000
405. 061578ST12RA 1 4 416DORVILLEA SP                                          20.0039.0019
406. 061578ST12RA 1 4 417CTENODRILUS SP                           5 .0000.0000
407. 061578ST12RA 1 4 418HAPLOSYLLIS SPONGICOLA                   3 .0004.0000
408. 061578ST12RA 1 4 419SYLLIS SP                               24 .0235.0049
409. 061578ST12RA 1 4 420ODONTOSYLLIS SP                          5 .0003.0000
410. 061578ST12RA 1 4 421ODONTOSYLLIS SP                                       20.0012.0005
411. 061578ST12RA 1 4 422EUSYLLIS SP                             13 .0018.0003
412. 061578ST12RA 1 4 423FUSYLLIS SP                                           40.0012.0003
413. 061578ST12RA 1 4 424AUTOLYTUS SP                             2 .0000.0000
414. 061578ST12RA 1 4 425BRANIA SP                                3 .0000.0000
415. 061578ST12RA 1 4 426TYPOSYLLIS SP                            3 .0006.0003
416. 061578ST12RA 1 4 427CALCAREA HETEROCOELIDAE                  2 .0154.0026
417. 061578ST12RA 1 4 431NEMERTEA                                15 .0010.0004
418. 061678ST12RA10 1    OSTREA EQUESTRIS                      5220.80176.4
419. 061678ST12RA10 1    ISOGNOMON BICOLOR                       42.06391.344
420. 061678ST12RA10 1    LITHOPHAGA BISCULATA                    10.1096.0358
421. 061678ST12RA10 1   AMIATELLA ARCTICA                                      10.0614.0110
422. 061678ST12RA10 1    CHAMA MACEROPHYLLA                     111.8429.436
423. 061678ST12RA10 1    BALANUS TINTINNABULUM          1  0    10.0535.0386
424. 061678ST12RA10 1    BALANUS AMPHITRITE             1  0    11.1355.7721
425. 061678ST12RA10 1    SYNALPHEUS FRITZMUELLERI                30.1830.0329
426. 061678ST12RA10 1    PSEUDOMEDAEUS AGASSIZII                 30.4734.1705
427. 061678ST12RA10 1 4 10PHIACTIS SAVIGNYI                       5 .0585.0268
428. 061678ST12RA10 1 4 2HAPLOSYLLIS SPONGICOLA                   6 .0031.0005
429. 061678ST12RA10 1 4 3SYLLIS SP                                3 .0020.0002
430. 061678ST12RA10 1 4 4ODONTOSYLLIS SP                          1 .0000.0000
431. 061678ST12RA10 1 4 5TYPOSYLLIS SP                            1 .0002.0000
432. 061678ST12RA10 1 4 6CTENODRILUS SP                           1 .0000.0000
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435. 061678ST12RA10 1 4 9NEMERTEA                                              40.0048.0001
436. 061678ST12RA10 1 410CAPRELLA EQUILIBRA                       2 .0014.0000
437. 061678ST12RA10 1 411PODOCERUS BRASILIENSIS                   2 .0000.0000
438. 061678ST12RA10 1 412ERICHTHONIUS BRASILIENSIS                1 .0000.0000
439. 061678ST12RA10 1 413JASSA FALCATA                            1 .0017.0001
440. 061678ST12RA10 1 414STENOTHOE SP                            22 .0075.0009
441. 061678ST12RA10 1 416STENOTHOE SP                                          40.0028.0003
442. 061678ST12RA10 1 423OTO UVA                                               10.0045.0004
443. 061678ST12RA10 1 425ACTINIARIA                              23 .0843.0209
444. 061678ST12RA10 3    OSTREA EQUESTRIS                       3304.30265.6
445. 061678ST12RA10 3    ISOGNOMON BICOLOR                      47.82796.050
446. 061678ST12RA10 3    CHAMA MACEROPHYLLA                     756.90047.44
447. 061678ST12RA10 3    LITHOPHAGA ARISTATA                    22.24511.058
448. 061678ST12RA10 3    LITHOPHAGA BISCULATA                   20.78810.318
449. 061678ST12RA10 3    BALANUS AMPHITRITE           0 19    1930.50322.39
450. 061678ST12RA10 3    SYNALPHEUS FRITZMUELLERI                20.10790.064
451. 061678ST12RA10 3    PSEUDOMEDAEUS AGASSIZII                101.39530.434
452. 061678ST12RA10 3 4 1HAPLOSYLLIS SPONGICOLA                   2 .0006.0001
453. 061678ST12RA10 3 4 2SYLLIS SP                                6 .0058.0013
454. 061678ST12RA10 3 4 3TYPOSYLLIS SP                            3 .0002.0000
455. 061678ST12RA10 3 4 4OPHIACTIS SAVIGNYI                       2 .0260.0125
456. 061678ST12RA10 3 4 5NEMERTEA                                11 .0011.0000
457. 061678ST12RA10 3 411ACTINIARIA                              36 .1217.0276
458. 061678ST12RA10 3 412ERICHTHONIUS BRASILIENSIS                5 .0074.0009
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461. 061678ST12RA10 3 415JASSA FALCATA                            2 .0009.0000
462. 061678ST12RA10 3 416STENOTHOE SP                            14 .0031.0001
463. 061678ST12RA10 3 419CAPRELLA EQUILIBRA                       3 .0011.0001
464. 061678ST12RA10 4    CHAMA MACEROPHYLLA                     12164.80145.5
465. 061678ST12RA10 4    ISOGNOMON BICOLOR                      106.05413.475
466. 061678ST12RA10 4    OSTREA EQUESTRIS                        249.60043.58
467. 061678ST12RA10 4   ALITHOPHAGA BISCULATA                                  10.5023.2948
468. 061678ST12RA10 4    LITHOPHAGA ARISTATA                    21.2167.5869
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469.	061678ST12BA10	4			8LITHOPHAGA ARISTATA					11.0400.5017
470.	061678ST12BA10	4			ANADARA TRANSVERSA			10.0467.0212		
471.	061678ST12BA10	4			BALANUS AMPHITRITE	0	6	69.63247.070		
472.	061678ST12BA10	4			BALANUS EBURNEUS	0	1	13.52072.781		
473.	061678ST12BA10	4			SYNALPHEUS FRITZMUELLERI			20.2176.0308		
474.	061678ST12BA10	4			PSEUDOMEDAEUS AGASSIZII			70.4826.1607		
475.	061678ST12BA10	4			ARBACIA PUNCTULATA			10.1424.0511		
476.	061678ST12BA10	4	4		1LUMBRINERIS INFLATA			1 .0039.0007		
477.	061678ST12BA10	4	4		2SYLLIS SP			8 .0073.0015		
478.	061678ST12BA10	4	4		3HAPLOSYLLIS SPONGICOLA			19 .0026.0003		
479.	061678ST12BA10	4	4		4TYPOSYLLIS SP			1 .0003.0000		
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482.	061678ST12BA10	4	4		7AUTOLYTUS SP			18 .0141.0028		
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485.	061678ST12BA10	4	4		10TYPOSYLLIS SP			1 .0000.0000		
486.	061678ST12BA10	4	4		11BRANIA SP			1 .0000.0000		
487.	061678ST12BA10	4	4		12EUSYLLIS SP			4 .0003.0000		
488.	061678ST12BA10	4	4		13OPHIACTIS SAVIGNYI			6 .0383.0199		
489.	061678ST12BA10	4	4		21NEMERTEA			8 .0006.0000		
490.	061678ST12BA10	4	4		22MUSCULUS LATERALIS			1 .0030.0014		
491.	061678ST12BA10	4	4		23CAPRELLA EQUILIBRA			10 .0132.0013		
492.	061678ST12BA10	4	4		24ERICHTHONIUS BRASILIENSIS			4 .0024.0003		
493.	061678ST12BA10	4	4		25PODOCERUS BRASILIENSIS			1 .0000.0000		
494.	061678ST12BA10	4	4		26STENOTHOE SP			14 .0023.0002		
495.	061678ST12BA10	4	4		29ACTINIARIA			117 .3241.0712		
496.	061678ST12BA20	2			OSTREA EQUESTRIS			3648.65446.9		
497.	061678ST12BA20	2			LITHOPHAGA ARISTATA			717.4158.519		
498.	061678ST12BA20	2			LITHOPHAGA BISCULATA			33.83361.887		
499.	061678ST12BA20	2			CHAMA MACEROPHYLLA			412.5598.707		
500.	061678ST12BA20	2			SYNALPHEUS FRITZMUELLERI			20.14000.039		
501.	061678ST12BA20	2			PSEUDOMEDAEUS AGASSIZII			120.43900.165		
502.	061678ST12BA20	2			BALANUS AMPHITRITE	0	2	23.21082.357		
503.	061678ST12BA20	2			ARBACIA PUNCTULATA			110.6302.686		
504.	061678ST12BA20	2	5		1TRYPANOSYLLIS SP					20.0060.0007
505.	061678ST12BA20	2	5		2HAPLOSYLLIS SPONGICOLA			5 .0005.0002		
506.	061678ST12BA20	2	5		3SYLLIS SP			10 .0076.0015		
507.	061678ST12BA20	2	5		4ODONTOSYLLIS SP			2 .0000.0000		
508.	061678ST12BA20	2	5		5EUSYLLIS SP			1 .0000.0000		
509.	061678ST12BA20	2	5		6TYPOSYLLIS SP			2 .0000.0000		
510.	061678ST12BA20	2	5		7TYPOSYLLIS SP			1 .0000.0000		
511.	061678ST12BA20	2	5		8POLYDORA SP			1 .0046.0008		
512.	061678ST12BA20	2	5		19ACTINIARIA			5 .0137.0029		
513.	061678ST12BA20	2	5		22NEMERTEA			3 .0006.0000		
514.	061678ST12BA20	2	5		23CAPRELLA EQUILIBRA			14 .0172.0014		
515.	061678ST12BA20	2	5		24PARACAPRELLA PUSILLA			14 .0085.0008		
516.	061678ST12BA20	2	5		25ERICHTHONIUS BRASILIENSIS			46 .0290.0045		
517.	061678ST12BA20	2	5		26JASSA FALCATA			9 .0027.0003		
518.	061678ST12BA20	2	5		27PODOCERUS BRASILIENSIS			5 .0033.0005		
519.	061678ST12BA20	2	5		28STENOTHOE SP			18 .0053.0005		
520.	061678ST12BA20	4			OSTREA EQUESTRIS			3156.20125.3		
521.	061678ST12BA20	4			CHAMA MACEROPHYLLA			1377.45065.80		
522.	061678ST12BA20	4			LITHOPHAGA ARISIATA			31.1167.5311		
523.	061678ST12BA20	4			BALANUS AMPHITRITE	0	3	34.81623.535		
524.	061678ST12BA20	4			PSEUDOMEDAEUS AGASSIZII			201.0746.2908		
525.	061678ST12BA20	4			SYNALPHEUS FRITZMUELLERI			10.0433.0084		
526.	061678ST12BA20	4			ATELESTO SP					10.0589.0196
527.	061678ST12BA20	4	5		1HAPLOSYLLIS SPONGICOLA			3 .0008.0000		
528.	061678ST12BA20	4	5		2ODONTOSYLLIS SP			30.0001.0000		
529.	061678ST12BA20	4	5		3AUTOLYTUS SP			1 .0000.0000		
530.	061678ST12BA20	4	5		4EUSYLLIS SP			1 .0000.0000		
531.	061678ST12BA20	4	5		6OPHIACTIS SAVIGNYI			2 .0076.0024		
532.	061678ST12BA20	4	5		7ACTINIARIA			60.1017.0200		
533.	061678ST12BA20	4	5		8ACTINIARIA					30.5085.0100
534.	061678ST12BA20	4			516JASSA FALCATA			18 .0188.0025		
535.	061678ST12BA20	4			517ERICHTHONIUS BRASILIENSIS			26 .0165.0033		
536.	061678ST12BA20	4			518PODOCERUS BRASILIENSIS			3 .0014.0003		
537.	061678ST12BA20	4			519COLOMASTIX SP					10.0010.0002
538.	061678ST12BA20	4			520STENOTHOE SP			2 .0000.0000		
539.	061678ST12BA20	4			521STENOTHOE SP			6 .0024.0004		
540.	061678ST12BA20	4			522STENOTHOE SP			2 .0010.0004		
541.	061678ST12BA20	4			523CAPRELLA EQUILIBRA			15 .0489.0055		
542.	061678ST12BA20	4			524PARACAPRELLA PUSILLA			27 .0186.0029		
543.	061678ST12BA20	4			525PARACAPRELLA PUSILLA					40.0149.0023
544.	061678ST12BA20	4			526NEMERTEA			2 .0002.0000		
545.	061678ST12BA30	1	5		7EUSYLLIS SP			1 .0008.0001		
546.	061678ST12BA30	1	5		8CORYPHELLA SP					10.0018.0008

547.	061678ST128A30	1	5	9ERICHTHONIUS BRASILIENSIS	42	.0099.0029				
548.	061678ST128A30	1	5	10JASSA FALCATA	3	.0006.0002				
549.	061678ST128A30	1	5	12PODOCERUS BRASILIENSIS	2	.0019.0002				
550.	061678ST128A30	1	5	13STENOTHOE SP	6	.0014.0003				
551.	061678ST128A30	1	5	14CAPRELLA EQUILIBRA	27	.0190.0022				
552.	061678ST128A30	1	5	15PARACAPRELLA PUSILLA	295	.1316.0242				
553.	061678ST128A30	1	5	16LEUCONACIA INCERTA	12	.0030.0004				
554.	061678ST128A30	1	5	17LEUCONACIA INCERTA			30.0063.0008			
555.	061678ST128A30	2	5	1PARACAPRELLA PUSILLA	3	.0012.0001				
556.	061678ST128A30	2	5	2CAPRELLA EQUILIBRA	1	.0003.0000				
557.	061678ST128A30	2	5	3ERICHTHONIUS BRASILIENSIS	1	.0000.0000				
558.	061678ST128A30	2	5	4STENOTHOE SP	1	.0000.0000				
559.	061478ST161A	1	4	4 1PLATYHELMINTHES	14	.0009.0003				
560.	061478ST161A	1	4	4 2TANAIS SP	2	.0002.0001				
561.	061478ST161A	1	4	4 3OPHIACTIS SAVIGNYI	97	.3834.1400				
562.	061478ST161A	1	4	4 4PYCNOGONIDA	1	.0000.0000				
563.	061478ST161A	1	4	4 5NEMERTEA	6	.0002.0001				
564.	061478ST161A	1	4	4 6ACTINIARIA	70	.0126.0034				
565.	061478ST161A	1	4	4 7CAPRELLA EQUILIBRA	83	.0299.0037				
566.	061478ST161A	1	4	4 8PODOCERUS BRASILIENSIS	7	.0025.0003				
567.	061478ST161A	1	4	409JASSA FALCATA	10	.0052.0006				
568.	061478ST161A	1	4	410STENOTHOE SP	12	.0007.0001				
569.	061478ST161A	1	4	420CALCAREA HETEROCOELIDAE	5	.0176.0019				
570.	061478ST161A	1	4	422NEANTHES SUCCINEA	1	.0106.0026				
571.	061478ST161A	1	4	4230DONTOSYLLIS SP	18	.0013.0005				
572.	061478ST161A	1	4	424EUSYLLIS SP	31	.0036.0010				
573.	061478ST161A	1	4	425BRANIA SP	20	.0000.0000				
574.	061478ST161A	1	4	426HAPLOSYLLIS SPONGICOLA	10	.0011.0001				
575.	061478ST161A	1	4	427TYPOSYLLIS SP	7	.0007.0001				
576.	061478ST161A	1	4	428TYPOSYLLIS SP	10	.0027.0002				
577.	061478ST161A	1	4	429DORVILLEA SP	4	.0006.0003				
578.	061478ST161A	1	4	430AUTOLYTUS SP	2	.0000.0000				
579.	061478ST161A	1	4	431ANAITIDES MUCOSA			1 .0640.0127			
580.	061478ST161A10	2		CHAMA MACEROPHYLLA	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	.3018	1.627			
584.	061478ST161A10	2		LITHOPHAGA BISCULATA	2	.2391.1165				
585.	061478ST161A10	2		SYNALPHEUS FRITZMUELLERI	3	.6540.1401				
586.	061478ST161A10	2		PSEUDOMEDAEUS AGASSIZII	91	.6708.5794				
587.	061478ST161A10	2	4	1CAPRELLA EQUILIBRA	1080	.0495.0187				
588.	061478ST161A10	2	4	2JASSA FALCATA	20	.0007.0000				
589.	061478ST161A10	2	4	3PODOCERUS BRASILIENSIS	30	.0008.0000				
590.	061478ST161A10	2	4	4ERICHTHONIUS BRASILIENSIS	10	.0003.0000				
591.	061478ST161A10	2	4	5STENOTHOE SP	360	.0005.0000				
592.	061478ST161A10	2	4	6EUSYLLIS SP	110	.0008.0000				
593.	061478ST161A10	2	4	7HAPLOSYLLIS SPONGICOLA	20	.0007.0000				
594.	061478ST161A10	2	4	8AUTOLYTUS SP	20	.0004.0000				
595.	061478ST161A10	2	4	90DONTOSYLLIS SP	20	.0001.0000				
596.	061478ST161A10	2	417	AEGIRES PUNCTILUCENS			10.0016.0002			
597.	061478ST161A10	2	418	MUSCULUS LATERALIS	10	.0013.0005				
598.	061478ST161A10	2	419	TANAIS SP	10	.0003.0000				
599.	061478ST161A10	2	420	NEMERTEA	40	.0005.0000				
600.	061478ST161A10	2	421	OPHIACTIS SAVIGNYI	150	.0499.0228				
601.	061478ST161A10	2	422	ACTINIARIA	60	.0045.0010				
602.	061478ST161A10	3	4	1CAPRELLA EQUILIBRA	720	.0475.0061				
603.	061478ST161A10	3	4	2JASSA FALCATA	10	.0006.0000				
604.	061478ST161A10	3	4	3PODOCERUS BRASILIENSIS	30	.0010.0002				
605.	061478ST161A10	3	4	4STENOTHOE SP	360	.0029.0008				
606.	061478ST161A10	3	4	5EUSYLLIS SP	80	.0001.0000				
607.	061478ST161A10	3	4	6HAPLOSYLLIS SPONGICOLA	50	.0006.0000				
608.	061478ST161A10	3	4	70DONTOSYLLIS SP	80	.0007.0000				
609.	061478ST161A10	3	4	8AUTOLYTUS SP	90	.0003.0000				
610.	061478ST161A10	3	4	9TYPOSYLLIS SP	80	.0020.0001				
611.	061478ST161A10	3	410	BRANIA SP	20	.0002.0000				
612.	061478ST161A10	3	412	NEMERTEA	80	.0136.0012				
613.	061478ST161A10	3	413	OPHIACTIS SAVIGNYI	250	.0657.0348				
614.	061478ST161A10	3	414	TANAIS SP	30	.0005.0000				
615.	061478ST161A10	3	415	TANAIS SP			20.0015.0002			
616.	061478ST161A10	3	416	MUSCULUS LATERALIS	20	.0083.0046				
617.	061478ST161A10	3	417	ACTINIARIA	100	.0595.0139				
618.	061478ST161A10	3	424	CALCAREA HETEROCOELIDAE	10	.0008.0001				
619.	061478ST161A10	3		OSTREA EQUESTRIS	8226	.4017	4.6			
620.	061478ST161A10	3		ARCA IMBRICATA	1	72.3	46.5			
621.	061478ST161A10	3		ISOGNOMON BICOLOR	84	.0955	2.757			
622.	061478ST161A10	3		LITHOPHAGA BISCULATA	56	.2736	2.853			
623.	061478ST161A10	3		LITHOPHAGA ARISTATA	3	.8971	.4056			
624.	061478ST161A10	3		BCHLAMYS ORNATA				10.4034.1835		

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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    CPERICLIMENES AMERICANUS?                                    10.0099.0019
630.  061478ST161A10 3     PSEUDOMEDAEUS AGASSIZII                    142.1097.6411
631.  061478ST161A10 3     SYNALPHEUS FRITZMUELLERI                    30.6492.1123
632.  061478ST161A10 3     ARBACIA PUNCTULATA                           1 .3313.1226
633.  061478ST161A10 3    ABALANUS CALIDUS            0   1             1                .5144.4475
634.  061478ST161A10 1 410CAPRELLA EQUILIBRA                           500.0202.0028
635.  061478ST161A10 1 411STENOTHOE 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                             10.0000.0000
647.  061478ST161A10 1    CHAMA MACEROPHYLLA                          48 313.9281.4
648.  061478ST161A10 1    OSTREA EQUESTRIS                             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                    141.5622.5881
657.  061478ST161A10 1    ARBACIA PUNCTULATA                          10.6310.2820
658.  061478ST161A10 1    SIPUNCULA                                   10.4347.0680
659.  061478ST161A 1 4    CHAMA MACEROPHYLLA                          84 367.0314.9
660.  061478ST161A 1 4    ISOGNOMON BICOLOR                         136  33.5 19.3
661.  061478ST161A 1 4    OSTREA EQUESTRIS                             7  28.4 23.4
662.  061478ST161A 1 4    LITHOPHAGA BISCULATA                         6 .1991.0848
663.  061478ST161A 1 4   AANADARA TRANSVERSA                                          10.2300.1136
664.  061478ST161A 1 4    ANADARA TRANSVERSA                           4 .3298.1312
665.  061478ST161A 1 4    HAMINOEA SP                                  1 .0086.0022
666.  061478ST161A 1 4    BALANUS AMPHITRITE          5  20         2526.33222.11
667.  061478ST161A 1 4    BALANUS TINTINNABULUM       2   0           21.1309.8341
668.  061478ST161A 1 4    BALANUS EBURNEUS            1   0            1 .0219.0122
669.  061478ST161A 1 4    SYNALPHEUS FRITZMUELLERI                     1 .1699.0406
670.  061478ST161A 1 4    PSEUDOMEDAEUS AGASSIZII                      1 .1928.0798
671.  061478ST161A 1 4    MICROPANOPE NUTTINGII                        4 .2248.1050
672.  061478ST161A 1 4   BMICROPANOPE NUTTINGII                                       20.1843.0861
673.  061478ST161A 1 4    SIPUNCULA                                    6 .7729.1256
674.  061478ST161A 1 3 4 1CAPRELLA EQUILIBRA                          300.0180.0010
675.  061478ST161A 1 3 4 2PODOCERUS BRASILIENSIS                       50.0005.0000
676.  061478ST161A 1 3 4 3STENOTHOE SP                                 90.0003.0000
677.  061478ST161A 1 3 4 4NEMERTEA                                     60.0000.0000
678.  061478ST161A 1 3 4 5PLATYHELMINTHES                             30.0000.0000
679.  061478ST161A 1 3 4 6TANAIS SP                                   40.0017.0004
680.  061478ST161A 1 3 4150PHIACTIS SAVIGNYI                          140.0577.0395
681.  061478ST161A 1 3 416NEANTHES SUCCINEA                           10.0192.0060
682.  061478ST161A 1 3 417TYPOSYLLIS SP                               210.0021.0004
683.  061478ST161A 1 3 418HAPLOSYLLIS SPONGICOLA                      120.0007.0000
684.  061478ST161A 1 3 419BRANIA SP                                   270.0008.0000
685.  061478ST161A 1 3 420TYPOSYLLIS SP                               10.0000.0000
686.  061478ST161A 1 3 421TYPOSYLLIS SP                                                10.0013.0002
687.  061478ST161A 1 3 422 EXOGONE DISPAR                             10.0001.0000
688.  061478ST161A 1 3 423ODONTOSYLLIS SP                            130.0007.0000
689.  061478ST161A 1 3 424EUSYLLIS SP                                150.0007.0000
690.  061478ST161A 1 3 425DORVILLEA SP                               20.0003.0000
691.  061478ST161A 1 3    ISOGNOMON BICOLOR                         127  31.5 17.2
692.  061478ST161A 1 3    CHAMA MACEROPHYLLA                          92 361.2263.5
693.  061478ST161A 1 3   BCHAMA MACEROPHYLLA                                          11.3461.9820
694.  061478ST161A 1 3    LITHOPHAGA BISCULATA                         5 .3421.1550
695.  061478ST161A 1 3    OSTREA EQUESTRIS                             4  47.8 35.9
696.  061478ST161A 1 3   DHAMINOEA SP                                                 10.0145.0037
697.  061478ST161A 1 3    SIPUNCULA                                    1 .1773.0215
698.  061478ST161A 1 3    PSEUDOMEDAEUS AGASSIZII                      4 .2911.1089
699.  061478ST161A 1 3    MICROPANOPE NUTTINGII                       10.0562.0263
700.  061478ST161A 1 3    BALANUS AMPHITRITE         14  18         3213.83510.35
701.  061478ST161A 1 1 4 1CAPRELLA EQUILIBRA                          210.0061.0013
702.  061478ST161A 1 1 4 2STENOTHOE SP                                20.0000.0000
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703.	061478ST161A	1	1	4	3PODOCERUS BRASILIENSIS				30.0017.0011		
704.	061478ST161A	1	1	4	4JASSA FALCATA				10.0012.0000		
705.	061478ST161A	1	1	4	5BRANIA SP				480.0005.0000		
706.	061478ST161A	1	1	4	6HAPLOSYLLIS SPONGICOLA				270.0007.0000		
707.	061478ST161A	1	1	4	7DORVILLEA SP				90.0015.0007		
708.	061478ST161A	1	1	4	8TYPOSYLLIS SP				180.0028.0014		
709.	061478ST161A	1	1	4	9EUSYLLIS SP				140.0013.0000		
710.	061478ST161A	1	1	410	AUTOLYTUS SP				40.0002.0000		
711.	061478ST161A	1	1	411	NEANTHES SUCCINEA				10.0140.0017		
712.	061478ST161A	1	1	412	ODONTOSYLLIS SP				150.0003.0000		
713.	061478ST161A	1	1	413	TYPOSYLLIS SP				10.0005.0000		
714.	061478ST161A	1	1	414	EXOGONE DISPAR				10.0002.0000		
715.	061478ST161A	1	1	415	DODECACERIA SP				10.0001.0000		
716.	061478ST161A	1	1	417	DODECACERIA SP					10.0010.0001	
717.	061478ST161A	1	1	418	OPHIACTIS SAVIGNYI				260.1092.0473		
718.	061478ST161A	1	1	419	PLATYHELMINTHES				60.0007.0000		
719.	061478ST161A	1	1	420	ACTINIARIA				20.0000.0000		
720.	061478ST161A	1	1	421	NEMERTEA				60.0005.0000		
721.	061478ST161A	1	1	422	TANAIS SP				10.0000.0000		
722.	061478ST161A	1	1	423	MUSCULUS LATERALIS				10.0024.0017		
723.	061478ST161A	1	1	429	CALCAREA HETEROCOELIDAE				10.0017.0005		
724.	061478ST161A	1	1	430	CALCAREA HETEROCOELIDAE					10.0035.0010	
725.	061478ST161A	1	1		ISOGNOMON BICOLOR				84 14.5 7.8		
726.	061478ST161A	1	1		CHAMA MACEROPHYLLA				61 87.9 73.6		
727.	061478ST161A	1	1		LITHOPHAGA ARISTATA				4.4194 .1716		
728.	061478ST161A	1	1		LITHOPHAGA BISCULATA				5.4586 .2028		
729.	061478ST161A	1	1		OSTREA EQUESTRIS				3 24.0 22.2		
730.	061478ST161A	1	1		BALANUS AMPHITRITE	6	18	24	23.6 10.2		
731.	061478ST161A	1	1		BALANUS IMPROVISUS	2	1	3	.0863 .0611		
732.	061478ST161A	1	1		PSEUDOMEDAEUS AGASSIZII				1.0912 .0366		
733.	061478ST161A	1	1		SIPUNCULA				3.4555 .0699		
734.	061678ST12BA30	3	5	1	EUSYLLIS SP				30.0012.0000		
735.	061678ST12BA30	3	5	2	TYPOSYLLIS SP				20.0009.0000		
736.	061678ST12BA30	3	5	3	BRANIA SP				10.0002.0000		
737.	061678ST12BA30	3	5	4	SYLLIS SP				10.0006.0000		
738.	061678ST12BA30	3	5	5	EXOGONE DISPAR				10.0003.0000		
739.	061678ST12BA30	3	5	6	ERICHTHONIUS BRASILIENSIS				40.0004.0000		
740.	061678ST12BA30	3	5	7	STENOTHOE SP				20.0000.0000		
741.	061678ST12BA30	3	5	8	CAPRELLA EQUILIBRA				20.0017.0000		
742.	061678ST12BA30	3	5	9	OPHIACTIS SAVIGNYI				10.0051.0026		
743.	061678ST12BA30	1			APTERIA COLYMBUS					10.1876.1077	
744.	061678ST12BA30	1			PSEUDOMEDAEUS AGASSIZII				50.2867.1148		
745.	061678ST12BA30	1			SYNALPHEUS FRITZMUELLERI				20.0308.0089		
746.	061678ST12BA20	3			CHAMA MACEROPHYLLA				1114.8085.50		
747.	061678ST12BA20	3			ISOGNOMON BICOLOR				20.3197.1724		
748.	061678ST12BA20	3			OSTREA EQUESTRIS				4352.90313.5		
749.	061678ST12BA20	3			LITHOPHAGA ARISTATA				1318.4818.448		
750.	061678ST12BA20	3			LITHOPHAGA BISCULATA				10.9347.4454		
751.	061678ST12BA20	3			ALITHOPHAGA BISCULATA					10.8237.3871	
752.	061678ST12BA20	3			CUCULAEA SP				119.6699.420		
753.	061678ST12BA20	3			BCUCULAEA SP					14.23082.026	
754.	061678ST12BA20	3			CANOMIA SIMPLEX					25.76102.759	
755.	061678ST12BA20	3			BALANUS AMPHITRITE	0	3		34.81733.502		
756.	061678ST12BA20	3			BALANUS EBURNEUS	0	1		13.53682.798		
757.	061678ST12BA20	3			TELESTO SP				1311.1733.319		
758.	061678ST12BA20	3			DMITHRAX SP				10.0765.0191		
759.	061678ST12BA20	3			SYNALPHEUS FRITZMUELLERI				30.1722.0263		
760.	061678ST12BA20	3			PSEUDOMEDAEUS AGASSIZII				161.2645.4264		
761.	061678ST12BA20	3			FPSEUDOMEDAEUS AGASSIZII					30.8962.3022	
762.	061678ST12BA20	3	5	140	OPHIACTIS SAVIGNYI				2 .0113.0051		
763.	061678ST12BA20	3	5	15	NEMERTEA				1 .0000.0000		
764.	061678ST12BA20	3	5	16	ACTINIARIA				3 .0212.0055		
765.	061678ST12BA20	3	5	17	HAPLOSYLLIS SPONGICOLA				8 .0007.0003		
766.	061678ST12BA20	3	5	18	SYLLIS SP				2 .0008.0003		
767.	061678ST12BA20	3	5	19	BRANIA SP				1 .0000.0000		
768.	061678ST12BA20	3	5	20	ODONTOSYLLIS SP				1 .0000.0000		
769.	061678ST12BA20	3	5	21	AUTOLYTUS SP				2 .0000.0000		
770.	061678ST12BA20	3	5	22	TYPOSYLLIS SP				1 .0000.0000		
771.	061678ST12BA20	3	5	23	EUSYLLIS SP				2 .0002.0000		
772.	061678ST12BA20	3	5	24	TYPOSYLLIS SP				1 .0001.0000		
773.	061678ST12BA20	3	5	27	JASSA FALCATA				13 .0113.0013		
774.	061678ST12BA20	3	5	28	PODOCERUS BRASILIENSIS				15 .0102.0009		
775.	061678ST12BA20	3	5	29	ERICHTHONIUS BRASILIENSIS				31 .0188.0035		
776.	061678ST12BA20	3	5	30	STENOTHOE SP				5 .0025.0002		
777.	061678ST12BA20	3	5	31	STENOTHOE SP				5 .0032.0003		
778.	061678ST12BA20	3	5	32	CAPRELLA EQUILIBRA				1 .0031.0001		
779.	061678ST12BA20	3	5	33	PAPACAPRELLA PUSILLA				3 .0037.0003		
780.	061478ST1161A20	1			CHAMA MACEROPHYLLA				37 230.3185.1		

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781. 061478ST161A20 1     OSTREA EQUESTRIS                          114.53611.68
782. 061478ST161A20 1     LITHOPHAGA BISCULATA                        1 .0255.0133
783. 061478ST161A20 1     ANADARA TRANSVERSA                          1 .1830.1221
784. 061478ST161A20 1   ATELESTD SP                                                  62.99550.749
785. 061478ST161A20 1     TELESTO 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 5 1CAPRELLA EQUILIBRA                          20.0000.0000
790. 061478ST161A20 1 5 2ERICHTHONIUS BRASILIENSIS                  440.0167.0043
791. 061478ST161A20 1 5 3PODOCERUS BRASILIENSIS                      10.0001.0000
792. 061478ST161A20 1 5 4STENOTHOE SP                               150.0058.0000
793. 061478ST161A20 1 5 5I4ACTINIARIA                                10.0076.0026
794. 061478ST161A20 1 5 5I5OPHIACTIS SAVIGNYI                        10.0034.0032
795. 061478ST161A20 1 5 5I7LUMBRINERIS INFLATA                                    10.1416.0592
796. 061478ST161A20 1 5 5I8NEANTHES SUCCINEA                         10.0055.0023
797. 061478ST161A20 1 5 5I9HAPLOSYLLIS SPONGICOLA                   140.0029.0016
798. 061478ST161A20 1 5 520SYLLIS SP                                 10.0002.0000
799. 061478ST161A20 1 5 521AUTOLYTUS SP                              50.0005.0000
800. 061478ST161A20 1 5 522TYPOSYLLIS SP                             50.0005.0000
801. 061478ST161A20 1 5 523EUSYLLIS SP                               60.0000.0000
802. 061478ST161A20 1 5 524BRANIA SP                                 20.0000.0000
803. 061478ST161A20 1 5 525TYPOSYLLIS SP                             10.0001.0000
804. 061478ST161A20 1 5 526DODECACERIA SP                                         10.0000.0000
805. 061478ST161A20 2     CHAMA MACEROPHYLLA                        57 368.2272.6
806. 061478ST161A20 2     OSTREA EQUESTRIS                          12.53542.318
807. 061478ST161A20 2     LITHOPHAGA BISCULATA                        2 .1829.0938
808. 061478ST161A20 2     LITHOPHAGA ARISTATA                         1 .1619.0874
809. 061478ST161A20 2     SYNALPHEUS FRITZMUELLERI                    9 .9737.2382
810. 061478ST161A20 2     PERICLIMENES AMERICANUS?                    1 .0196.0038
811. 061478ST161A20 2     PSEUDOMEDAEUS AGASSIZII                   192.3274.8096
812. 061478ST161A20 2 5 1HAPLOSYLLIS SPONGICOLA                     110.0054.0023
813. 061478ST161A20 2 5 2SYLLIS SP                                   80.0032.0012
814. 061478ST161A20 2 5 4TYPOSYLLIS SP                               10.0000.0000
815. 061478ST161A20 2 5 5CAPRELLA EQUILIBRA                           7 .0116.0021
816. 061478ST161A20 2 5 6ERICHTHONIUS BRASILIENSIS                   30 .0083.0027
817. 061478ST161A20 2 5 7PODOCERUS BRASILIENSIS                       2 .0006.0000
818. 061478ST161A20 2 5 8STENOTHOE SP                                8 .0012.0002
819. 061478ST161A20 2 5 9ACTINIARIA                                  2 .0103.0029
820. 061478ST161A20 3     OSTREA EQUESTRIS                            1  15.0  11.9
821. 061478ST161A20 3     CHAMA MACEROPHYLLA                        62 283.6213.4
822. 061478ST161A20 3     LITHOPHAGA ARISTATA                       20.6889.3189
823. 061478ST161A20 3     LITHOPHAGA BISCULATA                      20.1202.0650
824. 061478ST161A20 3     CHLAMYS ORNATA                            10.13710.050
825. 061478ST161A20 3     SYNALPHEUS FRITZMUELLERI                  110.5732.1007
826. 061478ST161A20 3     PSEUDOMEDAEUS AGASSIZII                   262.9599.7708
827. 061478ST161A20 3 5 1CAPRELLA EQUILIBRA                           2 .0026.0006
828. 061478ST161A20 3 5 2ERICHTHONIUS BRASILIENSIS                   21 .0111.0031
829. 061478ST161A20 3 5 3STENOTHOE SP                                4 .0001.0000
830. 061478ST161A20 3 5 4OPHIACTIS SAVIGNYI                          3 .0140.0076
831. 061478ST161A20 3 5 9ACTINIARIA                                  1 .0007.0003
832. 061478ST161A20 3 5 514HAPLOSYLLIS SPONGICOLA                    4 .0019.0005
833. 061478ST161A20 3 5 515EUSYLLIS SP                               3 .0005.0001
834. 061478ST161A20 3 5 516MEGALOMMA LORIFERUM?                                   10.3278.0863
835. 061478ST161A20 3 5 518KELLIA SUBORBICULARIS                      1 .0049.0036
836. 061478ST161A30 1     CHAMA MACEROPHYLLA                         11  33.3  24.0
837. 061478ST161A30 1     PSEUDOMEDAEUS AGASSIZII                     9 .7307.1698
838. 061478ST161A30 1 5 1CAPRELLA EQUILIBRA                          25 .0314.0082
839. 061478ST161A30 1 5 2ERICHTHONIUS BRASILIENSIS                   11 .0123.0019
840. 061478ST161A30 1 5 3STENOTHOE SP                                2 .0000.0000
841. 061478ST161A30 1 5 4HAPLOSYLLIS SPONGICOLA                      16 .0160.0037
842. 061478ST161A30 1 5 5TYPOSYLLIS SP                               2 .0003.0000
843. 061478ST161A30 1 5 6SYLLIS SP                                   2 .0015.0003
844. 061478ST161A30 1 5 7AUTOLYTUS SP                                3 .0015.0002
845. 061478ST161A30 1 5 8POLYDORA SP                                 1 .0011.0002
846. 061478ST161A30 1 5 9ODONTOSYLLIS SP                             1 .0000.0000
847. 061478ST161A30 1 5 518ACTINIARIA                                9 .0313.0094
848. 061478ST161A30 2     PSEUDOMEDAEUS AGASSIZII                     7 .3179.0654
849. 061478ST161A30 2   ACAVULINA LONGIROSTRIS                                    1 .0000.0000
850. 061478ST161A30 2 5 1CAPRELLA EQUILIBRA                          36 .0519.0059
851. 061478ST161A30 2 5 2ERICHTHONIUS BRASILIENSIS                    9 .0020.0003
852. 061478ST161A30 2 5 3STENOTHOE SP                                3 .0008.0001
853. 061478ST161A30 2 5 4LUMBRINERIS INFLATA                         1 .0097.0018
854. 061478ST161A30 2 5 5AUTOLYTUS SP                                1 .0000.0000
855. 061478ST161A30 2 5 6DODECACERIA SP                                           1.00000.0000
856. 061478ST161A30 2 5 516MUSCULUS LATERALIS                                     1.0920 .0429
857. 061478ST161A30 2 5 517OPHIACTIS SAVIGNYI                        3 .0202.0095
858. 061478ST161A30 3     PSEUDOMEDAEUS AGASSIZII                     6 .0689.0163
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859.	06147BST161A30	3	5	1CAPRELLA EQUILIBRA	14	.0138	.0014		
860.	06147BST161A30	3	5	2ERICHTHONIUS BRASILIENSIS	46	.0092	.0031		
861.	06147BST161A30	3	5	3PODOCERUS BRASILIENSIS	1	.0006	.0001		
862.	06147BST161A30	3	5	4STENOTHOE SP	6	.0004	.0001		
863.	06147BST161A30	3	5	5HAPLOSYLLIS SPONGICOLA	9	.0052	.0009		
864.	06147BST161A30	3	5	6EUSYLLIS SP	2	.0006	.0001		
865.	06147BST161A30	3	5	7HYPSICOMUS SP				10	.0027 .0005
866.	06147BST161A30	3	5	8OPHIACTIS SAVIGNYI	1	.0032	.0016		

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.