

**EFFECT OF FRESHWATER INFLOW ON
MACROBENTHOS PRODUCTIVITY IN MINOR
BAY AND RIVER-DOMINATED ESTUARIES -
FY05**

Paul A. Montagna, Principal Investigator
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FINAL REPORT

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MACROBENTHOS PRODUCTIVITY
IN MINOR BAY AND RIVER-DOMINATED ESTUARIES
FY05**

by

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PREFACE

This final report is written to complete the fifth of a planned five-year study that has the goal to determine the importance of freshwater inflow in maintaining benthic productivity in minor bays and river dominated systems. Minor bays are defined as those small bays that do not have direct freshwater inflow via a major river, but do have inflow from runoff or other indirect sources. Only four rivers in Texas flow directly into the Gulf of Mexico, and three of these are also part of the subject study. The minor bays contrast with major bays in that major bays have direct river discharge into a secondary or tertiary bay of a large estuarine complex. The current project follows successful completion of a long-term study of large major bays in Texas.

The focus of the current final report is on completing the long-term, five-year, monitoring of two river-dominated systems: the Rio Grande and Brazos River estuaries; and the 3-year monitoring of the Cedar Lakes and San Bernard River Estuary. Cedar Lakes is a minor bay because they are brackish and have no direct connection to a river. In the past, assessments have been completed for the Christmas Bay Coastal Preserve (Montagna 2004), South Bay Coastal Preserve (Montagna 2003), and East Matagorda Bay (Montagna 2002). The current report is primarily a data report on the activities that occurred during the project period: 1 September 2004 - 31 December 2005. A complete analysis of the findings of all five years sampling will be subject to a full assessment in the next fiscal year.

ACKNOWLEDGMENTS

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I must acknowledge the significant contributions of Mr. Rick Kalke, an outstanding field person and taxonomist. The work reported on in this study could not have been performed without him. Carrol Simanek also provided significant help in data management. We obviously are collecting and processing a large amount of data. Mr. Chris Kalke aided in field collections. Dr. Tracy Villareal and Ms. Lynn Tinnin performed nutrient analyses and measurements. Dr. Hudson DeYoe, University of Texas-Pan American, performed sampling in the Rio Grande.

This work has also benefitted by discussions with David Brock, a colleague at the Texas Water Development Board (TWDB), who has provided much help and guidance. The study also benefitted by partial support from the University of Texas at Austin, Marine Science Institute.

INTRODUCTION

From the early 1970's to 2000, Texas Water Development Board (TWDB) freshwater inflow studies focused on the major bay systems of the Texas coast. These bay systems, which are influenced primarily by river inflow, are now well understood. In particular, UTMSI researchers have completed several studies on the effect of freshwater inflow on macrobenthos productivity in these open bay systems (Kalke and Montagna, 1991; Montagna, 1989; 1999; 2000; Montagna, and Kalke, 1992; 1995; Montagna, and Li, 1996; Montagna, and Yoon, 1991). These studies have demonstrated that regional scale processes and long-term hydrologic cycles regulate benthic abundance, productivity, diversity and community structure. Thus, there are three major causes of changes in estuarine productivity in Texas related to freshwater inflow: 1) year-to-year climatic variability in rain, temperature, and wind, which affects precipitation and evaporation, 2) a latitudinal climatic gradient of decreasing precipitation superimposed on a soils gradient of increasing sand content, which results in reduced inflow from northeast to southwest, and 3) the salinity gradients within estuaries from rivers to the sea. The overall result of these studies is to demonstrate the need for minimum inflow requirements on an estuary-scale or a watershed-level basis. The need for freshwater inflow to sustain the health, soundness, and productivity of Texas coastal waters is established in State law. The TWDB and Texas Parks and Wildlife Department (TPWD) have conducted studies to establish inflow requirements in the major bay and estuary ecosystems of the State (Longley, 1994).

Attention is now focused on minimum inflows required by minor bays and river-dominated estuaries. Freshwater inflow into minor bays is generally dominated by non-point source runoff or an indirect source via circulation from adjacent systems. Examples of minor bays in Texas are East Matagorda Bay, South Bay Coastal Preserve, Christmas Bay Coastal Preserve, and Cedar Lakes. The river-dominated estuaries drain directly into the Gulf of Mexico rather than into a bay. These drowned-river valley ecosystems are thus uniquely different from the typical bar-built estuaries of Texas that are characterized by large open bays. The Rio Grande, Brazos River, and San Bernard River estuaries were the river-dominated estuaries compared over the course of this study. Because the minor bay and river-dominated estuaries are different from the typical Texas estuary, new studies are required to elucidate how inflow affects

productivity in those systems. The TWDB will be required to complete freshwater inflow assessments on minor bays and river estuaries between the years 2002 and 2006. Until the current series of reports, there was very little information available on the biotic response to inflow in these two types of ecosystems. The first report (Montagna 2001) focused on East Matagorda Bay. The second report (Montagna 2002) focused on the South Bay Coastal Preserve. The third report (Montagna 2003) focused on the Christmas Bay Coastal Preserve. The fourth report focused on continuing the long-term monitoring of the Rio Grande and Brazos River estuaries, which will be studied for five years; and Cedar Lakes and San Bernard River estuary, which will be studied for three years (Montagna 2004). The current report is a continuation of the same activity that occurred in the fourth year report to complete all sampling in a fifth year. These four systems, plus three others, will be the subject of an analysis and synthesis assessment in 2007 (Table 1).

Benthos are excellent indicators of environmental effects of a variety of stressors because they are abundant and diverse, and are sessile and long-lived relative to plankton or nekton. Therefore, benthos integrate changes in temporal dynamics of ecosystem factors over long time scales and large spatial scales. Benthos abundance, biomass, and diversity were measured to assess inflow effects on ecosystem productivity. In addition, relevant water quality variables (i.e., salinity, temperature, dissolved oxygen, nutrients, and chlorophyll) were measured during each sampling period to assess inflow effects on the overlying water, which affects benthos. Sampling was performed to continued a long-term study of three river estuaries (Brazos River, Rio Grande, and San Bernard River), and the minor bays named Cedar Lakes.

Table 1. Long-term schedule for sampling minor bay and river-dominated systems. Table finds number of stations and total number of samples. Total number of samples is the product of the number of stations, three replicates per station, and four seasonal sampling trips per station.

Estuary	Fiscal Year (Study Year Number)				
	FY2001(1)	FY2002(2)	FY2003(3)	FY2004(4)	FY2005(5)
Minor Bays					
East Matagorda Bay	3 (36)				
South Bay Coastal	2 (24)	2 (24)			
Preserve					
Christmas Bay Coastal		3 (36)	3 (36)		
Preserve					
Cedar Lakes			2 (24)	2 (24)	2 (24)
River Estuaries					
Rio Grande River Estuary	3 (36)	3 (36)	3 (36)	3 (36)	3 (36)
Brazos River Estuary	3 (36)	3 (36)	3 (36)	3 (36)	3 (36)
San Bernard River Estuary			2 (24)	2 (24)	2 (24)
TOTAL Stations (samples)	11 (132)	11 (132)	13 (156)	10 (120)	10 (120)

METHODS

Study Area and Sampling Design

This study has one objective (i.e., task): to determine temporal and spatial variability of benthic parameters (abundance, biomass, and diversity), as they indicate secondary productivity, related to differences of freshwater inflow in minor bays and river-dominated estuaries. Two river systems that flow directly to the ocean were studied in the third year of this program (Table 1). The Rio Grande is in the southwest part of the Texas coast along the border with Mexico and the Brazos River is along the central Texas coast, further northeast from the Rio Grande. Sampling was also continued in the San Bernard River estuary and Cedar Lakes region. The Brazos River and Rio Grande represent the river estuaries in Texas having the highest and lowest inflow respectively, so comparison of these systems over the long-term is desirable.

Station location in all areas was chosen based on experience, sediment type, depth found on NOAA navigation charts, and constraints of sampling logistics. The locations of stations was recorded from a Garmin 215 differential GPS receiver (Table 2).

Three stations on the lower Rio Grande were chosen between the confluence with the Gulf of Mexico and the Brownsville weir (Figure 1). Station A is closest to fresh water sources, being 10.5 miles from the Cameron County Reservoir No. 3 Levee (normal storage 230 ac/ft) and 15.5 miles from the Dana-Tule Levee 2 (normal storage 280 ac/ft). Station A was furthest (7.8 mi) from the Gulf of Mexico. Station B was 0.8 mi downstream from A. Station C was closest (3.4 miles) to the Gulf of Mexico. In April 2002, it was discovered that station C was not on the main channel of the river, but in a meander to the north of the main channel. Therefore a new station (D) was occupied in the main channel. The new station is located about 100 meters from station C, but in the main channel. It is likely that under prevailing conditions (mouth of river closed) at that time, the hydrographics of the two sites were about the same. Sampling at station C was resumed in the fall 2002 after having been missed in July 2002. A new station, E (N 25° 57' 57.2" W 97° 10' 25.2") 1.1 river miles downstream of station D and 3.16 river miles from the mouth was added during this sampling period.

A sand bar formed and closed the mouth of the Rio Grande to exchange with the Gulf about the first week of February 2001. The mouth was artificially opened with a backhoe on 18 July 2001 by the International Boundary and Water Commission (U.S. State Department). However, it closed again on or about 1 November 2001. One year later, on or about November 2, 2002 a large rain storm event occurred near the river mouth, east of Brownsville. The rain event built enough pressure to breach the berm formed on the beach at the river mouth restoring exchange between the river and the sea. The mouth has been open since that date (Randy Blankenship, Texas Parks & Wildlife Department, Coastal Fisheries Division, personal communication, May 20, 2003). The mouth was open when The Rio Grande was sampled in late November 2002. There was a mild salinity gradient ranging from 2.0 to 9.3 ppt in January 2003. Based on available reports, the river mouth was not blocked during the sampling period (October 2002 to July 2003) and in fact heavy rain occurred in October to November 2002 that delayed sampling of stations C and E for a month.

A new water project is planned for the lower Rio Grande a few miles from Brownsville. The Brownsville Weir and Reservoir is intended to provide additional dependable water supplies for municipal and industrial use by capturing and diverting "excess" flows of the United States waters in the Rio Grande that would otherwise flow past Brownsville and discharge into the Gulf of Mexico. The proposed project consists of a weir structure across the channel of the Rio Grande approximately eight miles downstream of the Gateway Bridge at Brownsville. The Firm Yield would be 20,640 acre-feet. The environmental impacts could include disruption of wetland/riparian habitat including threatened and endangered species and cultural resources, reduced instream flows downstream of the weir, and salinity changes downstream of the project. An article in the Corpus Christi Caller Times, December 13, 2003, indicated the proposed project would receive a permit from the U.S. Army Corps of Engineers in late December.

Three Brazos River stations (A, B and C) were chosen along the estuary gradient (Figure 2). Station C was closest 1.124 km (0.70 miles) to the Gulf of Mexico, and B was 3.428 km (2.13 miles) upstream within the River. Station A was furthest upstream within the River and 5.922 km (3.68 miles) from the Gulf of Mexico. Thus, stations A and B were north of the Gulf Intercoastal Water Way (GIWW), and station C was south of the ICW.

Two stations were sampled in the San Bernard River estuary (Figure 2). Station A was north of the GIWW and upstream in the fresher part of the river-estuary. The Clemens Reservoir is 9.5 miles from the San Bernard station A and 9.3 miles from Brazos River station A. Levees 1 and 2 in the Clemens Reservoir have a combined normal storage of 666 ac ft. Station B was south of the GIWW. Station B was closest 1.090 km (0.68 miles) to the Gulf of Mexico, and station A was 5.921 km (3.68 miles) upstream within the River.

Two stations were sampled in the Cedar Lakes minor bays (Figure 2). The Cedar Lakes is a cluster of coastal lagoons linke to the GIWW. It was assumed that inflow would be provided by San Bernard River water flowing west, thus stations were chosen to represent distances from the San Bernard River. Both stations were south of the GIWW and west of the San Bernard River. Station A was closest to the San Bernard River and station B was the furthest west and furthest from the Gulf of Mexico as well.

Table 2. Locations for stations in the present study are given in degrees and decimal seconds format. Readings were made with a GPS unit using differential signal reception.

Estuary	Station	Latitude (N)	Longitude (W)
San Bernard	A	28° 52.946'	95° 28.429'
	B	28° 51.713'	95° 26.274'
Cedar Lakes	A	28° 51.493'	95° 27.672'
	B	28° 50.895'	95° 29.599'
Brazos River	A	28° 55.670'	95° 23.050'
	B	28° 54.322'	95° 23.176'
	C	28° 53.103'	95° 22.923'
Rio Grande River	A	25° 57.584'	97° 13.662'
	B	25° 57.796'	97° 12.668'
	C	25° 57.720'	97° 11.105'
	D	25° 57.610'	97° 11.089'
	E	25° 57.953'	97° 10.420'

In previous benthic studies (Montagna and Li 1996; Montagna 2000), quarterly sampling has been demonstrated to be effective to capture the temporal benthic dynamics, while economizing on temporal replication. Thus, quarterly sampling took place in October 2003 and January, April, and July 2004. The timing of the sampling is based on experience, and captures the major seasonal inflow events and temperature change in Texas estuaries. Each quarter, three replicates are required for benthos per station. Thus, a typical station yields 12 benthic samples per year.

During each sampling period ancillary environmental data is also collected. Water quality and inflow characteristics are indicated by measuring salinity, nutrient concentrations, and chlorophyll concentrations in the water column overlying sediment. Once each year, sediment characteristics, e.g., grain size, porosity, and elemental content are also measured.

Hydrographic Measurements

Salinity, conductivity, temperature, pH, dissolved oxygen, and redox potential were measured at the surface and bottom at each station during each sampling trip using multiprobe water quality meters. The sonde unit is lowered to just beneath the surface (within 5 - 10 cm) and just above the bottom (within 10 - 20 cm).

Most measurements were made by lowering a YSI 6920 multiprobe sonde. The data are displayed on a YSI 610DM meter. The manufacturer states that the accuracy of each reading is as follows: DO % saturation $\pm 2\%$, DO ± 0.2 mg/l, conductivity greater of $\pm 0.5\%$ if reading or ± 0.001 mS/cm, temperature ± 0.15 °C, pH ± 0.2 units, depth ± 0.02 m, and salinity greater of $\pm 1\%$ of reading or ± 0.1 ppt. Salinities levels are automatically corrected to 25°C. In addition, refractometer readings were made from water samples.

In South Bay and Rio Grande hydrographic measurements are made (by UT Pan Am staff) using a Hydrolab Surveyor 4. The following parameters are read from the digital display unit (accuracy and units): temperature (± 0.15 °C), pH (± 0.1 units), dissolved oxygen (± 0.2 mg/l), specific conductivity ($\pm 0.015 - 1.5$ mmhos/cm depending on range), and salinity ($\pm 1\%$ of

reading or 0.1 ppt, whichever is greater). Salinity is automatically corrected to 25 °C. Depth is measured with a calibrated PVC pole.

Chlorophyll and Nutrient Measurements

Water samples were collected using a vertically mounted Van Dorn bottle. Bottom water was collected approximately 20 cm from the sediment surface. Water for chlorophyll analysis was filtered onto glass fiber filters and placed on ice (<4.0 °C). Nutrient samples were filtered to remove biological activity (0.45 µm polycarbonate filters) and placed on ice (<0.4 °C). Chlorophyll will be extracted overnight and read fluorometrically on a Turner Model 10-AU using a non-acidification technique (Welschmeyer, 1994; EPA method 445.0). Nutrient analyses were conducted using a LaChat QC 8000 ion analyzer with computer controlled sample selection and peak processing. Chemistries are as specified by the manufacturer and have ranges as follows: nitrate+nitrite (0.03-5.0 µM; Quikchem method 31-107-04-1-A), silicate (0.03-5.0 µM; Quikchem method 31-114-27-1-B), ammonium (0.1-10 µM; Quikchem method 31-107-06-5-A) and phosphate (0.03-2.0 µM; Quikchem method 31-115-01-3-A).

Geological Measurements

Sediment grain size analysis was also performed. Sediment core samples were taken by diver and sectioned at depth intervals 0-3 cm and 3-10 cm. Analysis followed standard geologic procedures (Folk, 1964; E. W. Behrens, personal communication). Percent contribution by weight was measured for four components: rubble (e.g. shell hash), sand, silt, and clay. A 20 cm³ sediment sample was mixed with 50 ml of hydrogen peroxide and 75 ml of deionized water to digest organic material in the sample. The sample was wet sieved through a 62 µm mesh stainless steel screen using a vacuum pump and a Millipore Hydrosol SST filter holder to separate rubble and sand from silt and clay. After drying, the rubble and sand were separated on a 125 µm screen. The silt and clay fractions were measured using pipette analysis.

Biological Measurements

Sediment was sampled with core tubes held by divers. The macrofauna were sampled with a tube 6.7 cm in diameter, and sectioned at depth intervals of 0-3 cm and 3-10 cm. Three replicates were taken within a 2 m radius. Samples were preserved with 5% buffered formalin, sieved on 0.5 mm mesh screens, sorted, identified to the lowest taxonomic level possible, and counted.

Each macrofauna sample was also used to measure biomass. Individuals were combined into higher taxa categories, i.e., Crustacea, Mollusca, Polychaeta, Ophiuroidea, and all other taxa were placed together in one remaining sample. Samples were dried for 24 h at 55 °C, and weighed. Before drying, mollusks were placed in 1 N HCl for 1 min to 8 h to dissolve the carbonate shells, and washed with fresh water.

The Shannon diversity index (H') was calculated for all the individuals found in all three replicates for each station at each date. The index is the average uncertainty per species in an infinite community made up of species with known proportional abundances (Shannon and Weaver, 1949). The Shannon index is calculated by:

$$H' = -\sum_{i=1}^S \left[\left(\frac{n_i}{n} \right) \ln \left(\frac{n_i}{n} \right) \right]$$

Where n_i is the number of individuals belonging to the i th of S species in the sample and n is the total number of individuals in the sample.

Evenness was calculated on the same data set as diversity. Evenness is an index that expresses the relative degree to which all species in a sample are equally abundant. Evenness is a component of diversity. The most common is J' of Pielou (1975). It expresses H' relative to the maximum value of H' , and is sensitive to species richness:

$$EI = \frac{H'}{\ln(S)} = \frac{\ln(NI)}{\ln(NO)}$$

Sediment Nitrogen Measurements

Sediments cores were taken to measure nitrogen changes with respect to sediment depth. Cores are taken to a depth of 1 m and 1-cm sections are taken at a range of depth intervals. The range for vertical sectioning follows a logarithmic pattern, because it is anticipated that nitrogen is buried at the surface and degrades slowly over time. Distance from the surface is indicative of time since burial. The sediment is dried, ground up, and homogenized prior to analysis.

Carbon and nitrogen content, as a percent dry weight of sediment, and carbon and nitrogen isotopic composition were measured. Samples were run using a Finnigan delta plus mass spectrometer linked to a CE instruments NC2500 elemental analyzer. This system uses a Dumas type combustion chemistry to convert nitrogen and carbon in solid samples to nitrogen and carbon dioxide gases. These gases are purified by chemical methods and separated by gas chromatography. The stable isotopic composition of the separated gases is then determined by a mass spectrometer designed for use with the NC2500 elemental analyzer. Standard material of known isotopic composition is run every tenth sample to monitor the system and ensure the quality of the analyses.

Statistical Analyses

Statistical analyses were performed using SAS software (SAS 1991). All data (except when calculating diversity) were log transformed prior to analysis. A two-way ANOVA was used to test for differences in macrofauna abundance, biomass, and diversity within sampling dates and stations. Because all samples were pooled to calculate diversity, there is only one replicate for each date*station cell. Thus, the date*station interaction does not exist for the ANOVA on diversity metrics. If a significant interaction was encountered then simple main effects were examined.

Community structure of macrofauna species was analyzed by multivariate methods. Ordination of samples was performed using the non-metric multidimensional scaling (MDS) procedure described by Clarke and Warwick (2001) and implemented in Primer software (Clarke

and Gorley 2001). The software creates a Bray-Curtis similarity matrix among all samples and then an MDS plot of the spatial relationship among the samples. The data set contains two main effects: sampling date and site, so the MDS patterns were plotted twice, once using the site name as the symbol and once using the sample sequence number as the symbol.

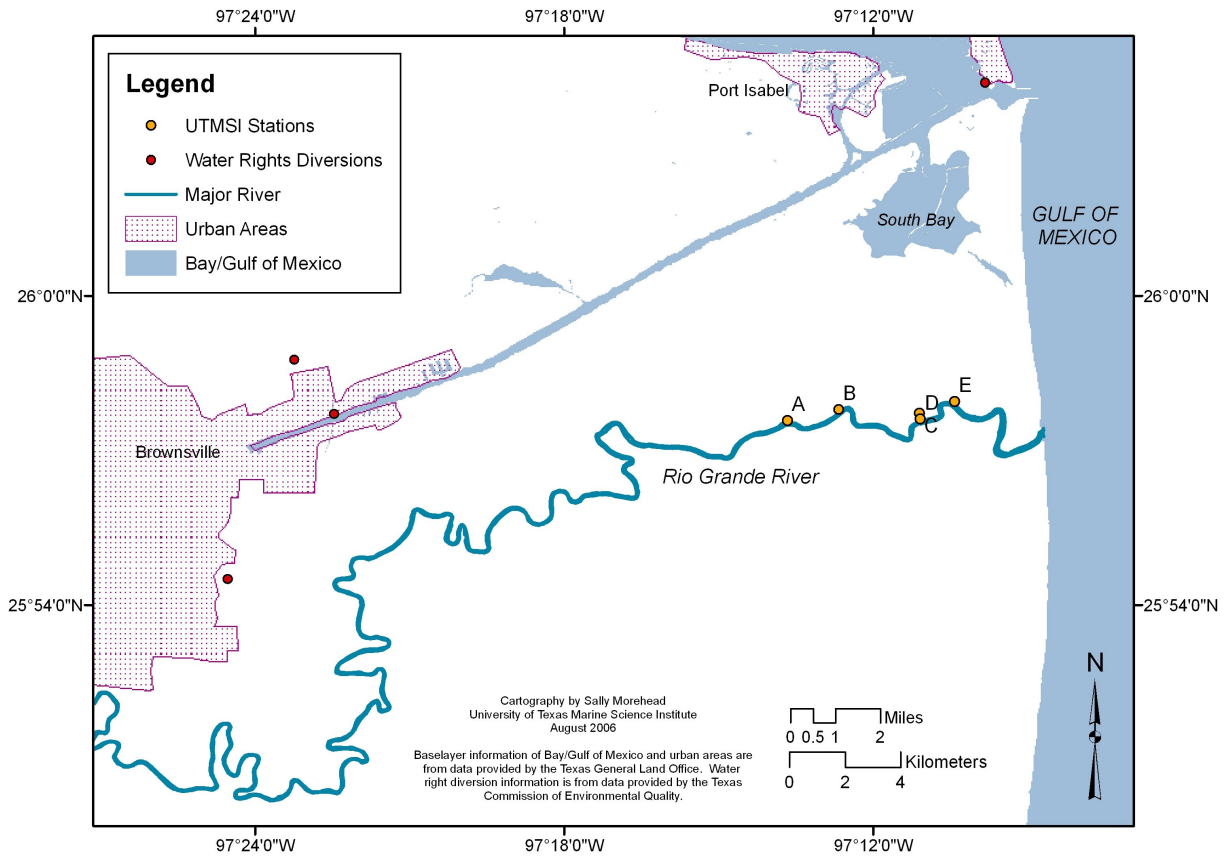


Figure 1. Sampling locations in the Rio Grande River.

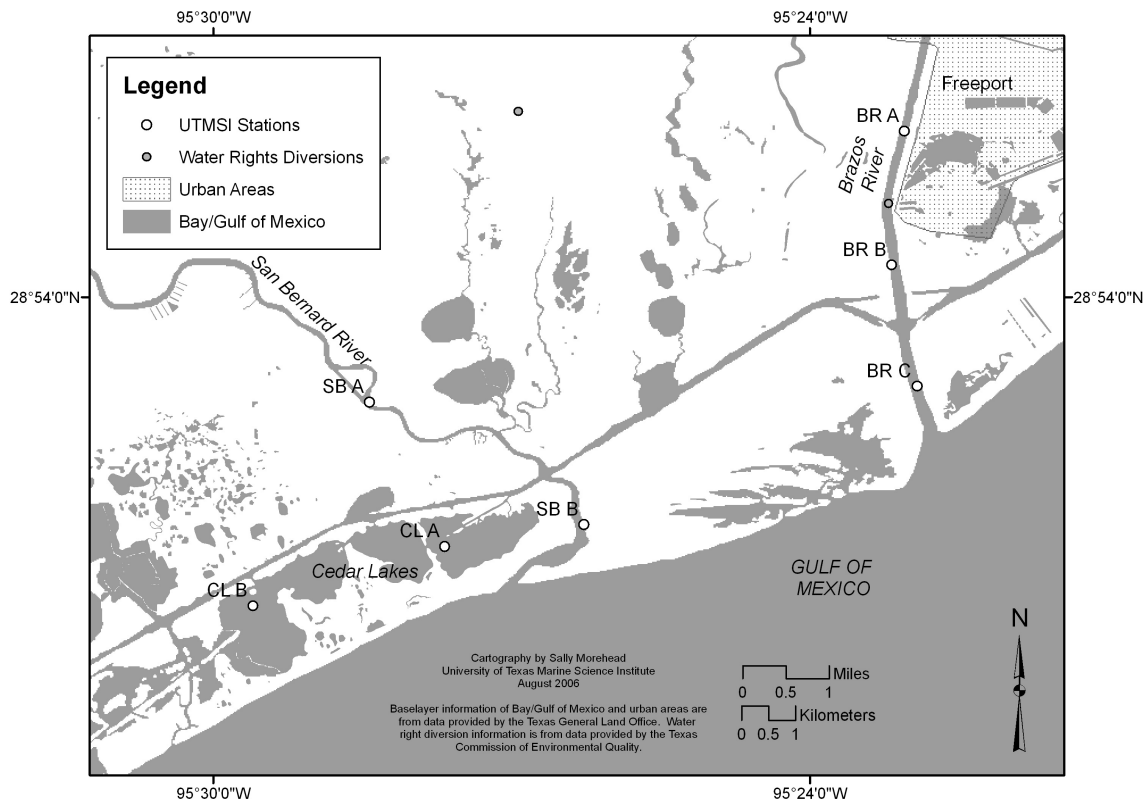


Figure 2. Sampling locations in the Brazos River, San Bernard River, and Cedar Lakes. Abbreviations: BR = Brazos River, SB = San Bernard River, and CL = Cedar Lakes. Water depths (m) listed in Gulf of Mexico.

RESULTS AND DISCUSSION

This report is a final data report on the work performed in the Brazos River Estuary, Rio Grande Estuary, San Bernard River, and Cedar Lakes. Sampling in these four ecosystems were completed in July 2005. In Fall 2006, a complete synthesis report will be prepared based on the completed sampling design (Table 1). For the current purposes this report is divided into two sections: one for each sampling period. The first section is for the current 4-year sampling period in the Brazos River Estuary and Rio Grande Estuary, and the second section is for the 2-year sampling period in the San Bernard River, and Cedar Lakes.

Brazos River Estuary and Rio Grande Estuary

Preliminary analysis indicates the Brazos River and Rio Grande estuaries are sometimes similar and sometimes quite different (Figure 3). The Rio Grande Estuary is under going severe changes because of reduced inflow to that system. In the first week of February 2001, a sand bar formed at the mouth of the Rio Grande Estuary blocking exchange with the Gulf of Mexico. The effect was to transform the Rio Grande into a lake rather than an estuary. The mouth was artificially opened by 18 July 2001 the International Boundary and Water Commission, but closed again on about 1 November 2001. This lake-like effect is evidenced by the lower salinities (0 - 10 ppt) over the period when the mouth of the Rio Grande Estuary was closed. In contrast, the Brazos River Estuary, which remained open had fluctuating salinities (from 5 to 25) because of floods and tides . The Rio Grande was open to the Gulf in 2003 and 2004 and consequently salinities returned to estuary-like brackish conditions.

The Brazos River Estuary has a larger range of salinity than the Rio Grande Estuary , alternating from nearly full strength sea water to fresh water (Figure 3). The Brazos River Estuary salinity was high in October and July and lower in January and April in all years. Except for October 2000, July 2002, and October 2003 salinity was similar in both rivers in spite of being in very different climatic zones. On average, the salinity in the Brazos River Estuary was 9.3 psu (± 7.8) and salinity in the Rio Grande Estuary was 3.9 psu (± 3.2).

The largest difference between the rivers among all parameters measured in the current study is in the nutrient-chlorophyll dynamics (Figure 3). The Brazos has much higher dissolved inorganic nitrogen (DIN) concentrations than the Rio Grande, yet much lower chlorophyll (chl) concentrations. The chl values in the Brazos River are quite low, averaging about $8.7 (\pm 7.7) \mu\text{g l}^{-1}$ compared to $22.9 (\pm 14.4) \mu\text{g l}^{-1}$ in the Rio Grande. In contrast, DIN concentrations in the Brazos River averaged $45.4 (\pm 18.2) \mu\text{mol l}^{-1}$ compared to $24.3 (\pm 22.0) \mu\text{mol l}^{-1}$ in the Rio Grande. During sampling it was noted that the Rio Grande has a great deal of cyanobacteria and filamentous green algae, which likely adds to the high productivity of that system. These nitrogen fixers could be responsible for the increase in DIN after 2004.

Biomass is a good indicator of secondary benthic productivity. Biomass was four times higher in the Rio Grande Estuary than in the Brazos River Estuary (Figure 4). Biomass averaged $2.79 \text{ g m}^{-2} (\pm 1.94 \text{ g m}^{-2} \text{ standard deviation})$ in the Rio Grande Estuary compared to $0.81 \text{ g m}^{-2} (\pm 0.40 \text{ g m}^{-2} \text{ standard deviation})$ in the Brazos River Estuary. Concordantly, abundance was also four times higher, being $11,800 \text{ individuals m}^{-2} (\pm 10,100 \text{ individuals m}^{-2})$ in the Rio Grande compared to only $5,200 \text{ individuals m}^{-2} (\pm 2,300 \text{ individuals m}^{-2})$ in the Brazos River. Biomass usually had opposite trends over time in the two systems, e.g., from October 2000 through July 2001 and July 2002 through April 2003 where biomass increased in the Brazos River Estuary and decreased in the Rio Grande Estuary. However, from August 2001 through July 2002 the biomass trends were the same. Beginning in July 2004, biomass in the Rio Grande changed by dropping to low levels and not returning to seasonal high levels. From July 2004 through November 2005, the biomass at both rivers were similar.

The communities in the two systems are quite different (Figure 5). This was evidenced by the dominance of molluscs in the Rio Grande and dominance of polychaetes in the Brazos River. Typically, molluscan dominance indicates the fauna is dominated by species responsive to freshwater inflow (Table 3). Certain bivalve species, particularly *Macoma mitchelli* and *Rangia flexuosa*, are indicator species that are responsive to inflow. However, the systems are similar in that they both are dominated by a few species. 80% of individuals comprise only two species for Brazos River, and three species for Rio Grande estuaries. Dominance is common in disturbed ecosystems, such as estuaries where salinity fluctuates.

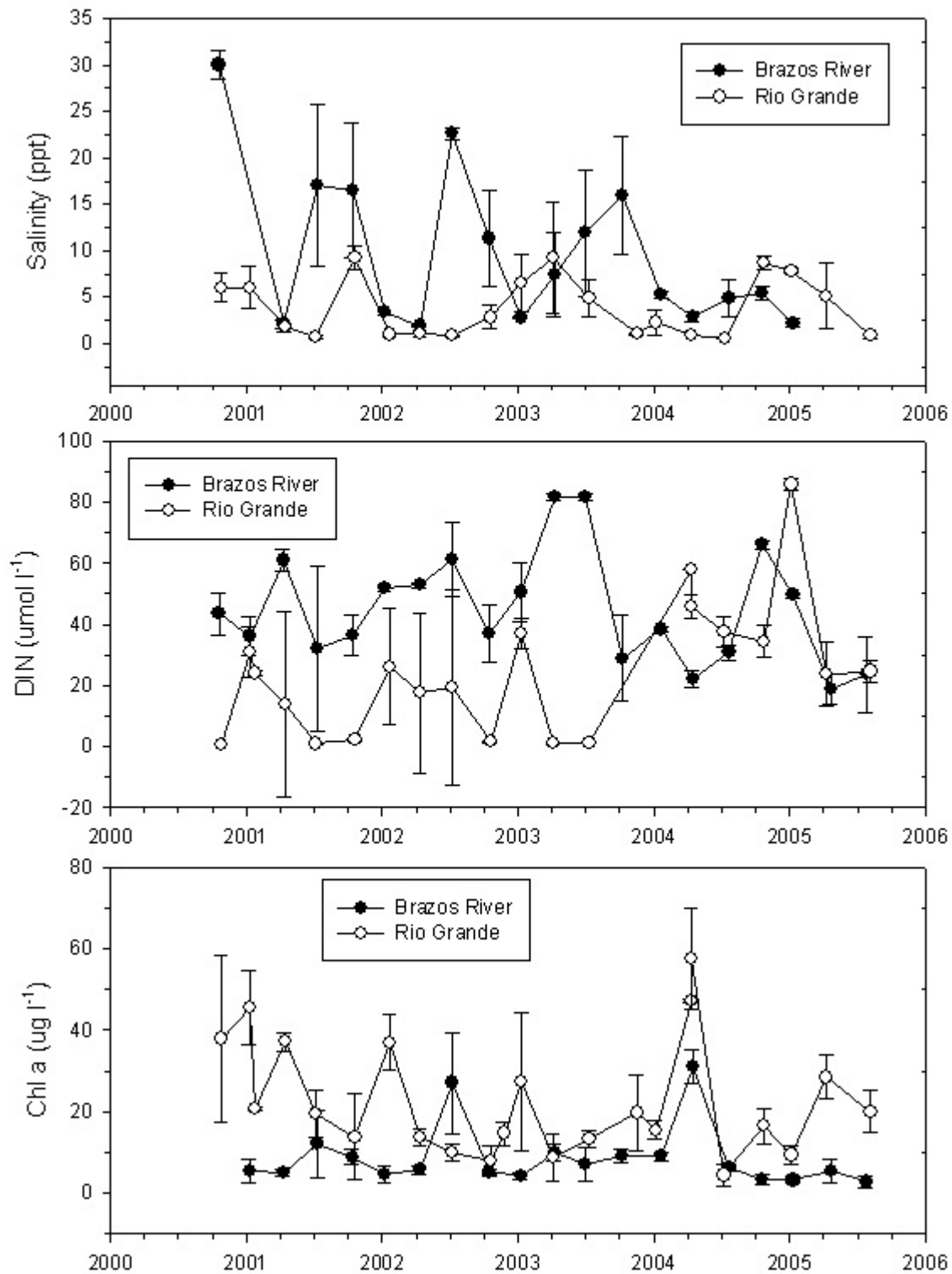


Figure 3. Salinity, dissolved inorganic nitrogen (DIN), and chlorophyll in the Brazos River and Rio Grande. Average over all stations and depths at all sampling periods.

Preliminary conclusions are that the Rio Grande Estuary and Brazos River Estuary work quite differently. The Rio Grande Estuary appears to be more influenced by freshwater inflow than the Brazos River Estuary. However the difference with the connection with the sea is a confounding factor with difference in inflow, so it will take several years of data collection to get a better understanding of the average conditions in these two systems. The lack of strong exchange with the Gulf of Mexico in 2001 caused the Rio Grande to change from an estuarine ecosystem to a freshwater ecosystem, but from late 2002 through 2004 the system returned to brackish conditions typical of an estuary.

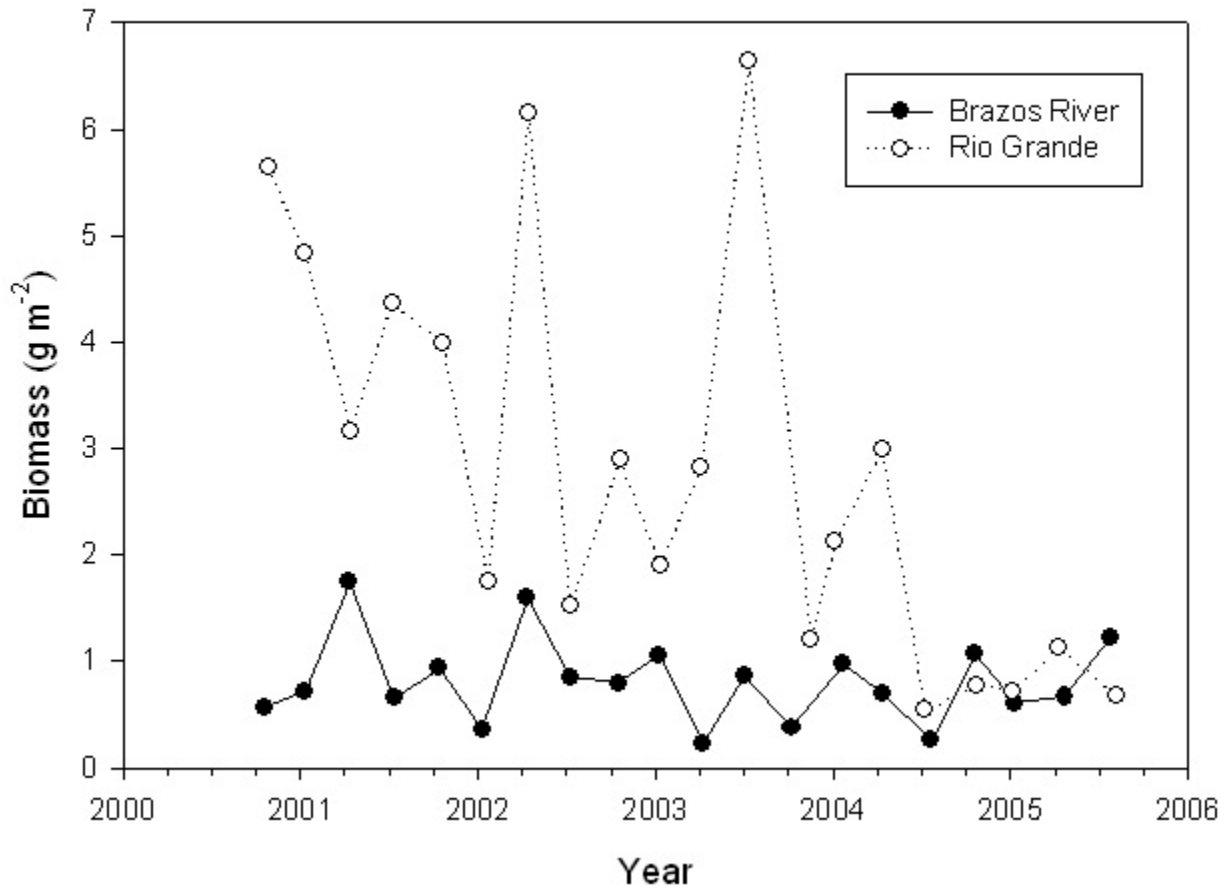


Figure 4. Macrofauna biomass in the Brazos River and Rio Grande. Average over all stations at all sampling periods.

Rio Grande-Brazos River Macrofauna

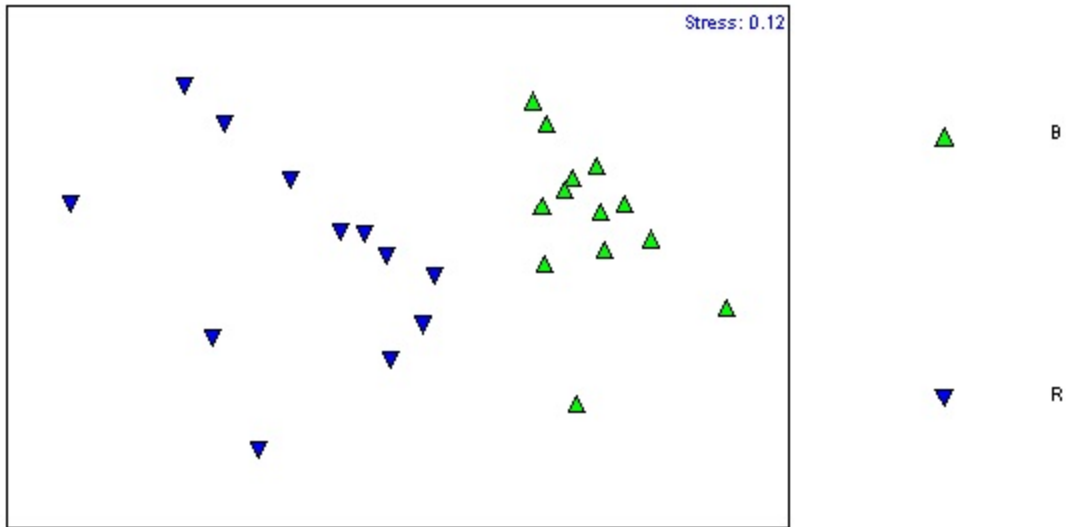


Figure 5. Multidimensional scaling (MDS) plot of community similarity between rivers and dates. Each point is a different sampling date, and the symbols are for the Brazos River (\blacktriangle B) and the Rio Grande (\blacktriangledown R). Separation of the symbols indicates the communities have nothing in common.

Table 3. Macrofauna species from the Brazos River Estuary and Rio Grand Estuary. Number individuals m⁻².

Species Name	Brazos	Rio Grande
Hydrozoa (unidentified)	12	
Anthozoa (unidentified)	8	
Turbellaria (unidentified)	4	
Nemertinea (unidentified)	414	863
Neritina virginea		453
Texidina sphinctostoma		24
Nudibranchia (unidentified)		8
Pelecypoda (unidentified)		43
Brachidontes exustus		225
Mulinia lateralis	8	165
Rangia flexuosa		4
Macoma tenta		4
Tellina texana	8	
Tellidora cristata		4
Macoma mitchelli		264
Abra aequalis		4
Tagelus plebeius		4
Eteone heteropoda	4	
Phyllodoceidae (unidentified)	4	
Sigambra bassi	4	
Parandalia ocularis	162	
Gyptis vittata	8	
Exogone sp.		8
Neanthes succinea	51	
Laeonereis culveri	8	477
Nereidae (unidentified)	20	4
Polydora ligni	39	618
Paraprionospio pinnata	20	
Polydora websteri		24
Polydora socialis	453	8
Streblospio benedicti	5838	4255
Polydora caulleryi	32	
Polydora sp.		75
Boccardia sp.		256
Cossura delta	20	
Haploscoloplos fragilis	4	
Capitella capitata	118	4
Heteromastus filiformis		8
Mediomastus ambiseta	5090	10971
Capitellidae (unidentified)		4

Species Name	Brazos	Rio Grande
Samythella eliasoni		4
Hobsonia florida	4	
Sabellidae (unidentified)		4
Oligochaetes (unidentified)	457	3163
Sipuncula (unidentified)	24	
Ilyocryptus spinifer		83
Ostracoda (unidentified)	4	47
Cyclopoida (commensal)	4	
Pseudodiaptomus pelagicus		4
Acetes americanus		4
Penaeus setiferus		4
Callianassa sp.	28	4
Callinectes sapidus	4	
Megalops	12	
Mysidopsis almyra		12
Gammarus mucronatus		12
Corophium louisianum	4	689
Microprotopus spp.	8	
Grandidierella bonnieroides	4	4
Munnidae sp.		4
Edotea montosa	8	
Diptera (unidentified)		4
Chironomid larvae	43	13619
Ceratopogonid larvae	4	548
Damselfly nymphs	4	4
Potamanthidae (unidentified)		276
Schizocardium sp.	4	

San Bernard River and Cedar Lakes

A total of three years of data has been collected and, preliminary analysis indicates the Cedar Lakes minor bays and the San Bernard River are at the same time similar in terms of hydrography and total community productivity, but quite different in terms of community structure. The San Bernard River is a tidal estuary with freshwater inflow and connection to the sea. In contrast, the Cedar Lakes are coastal lagoons with neither direct river inflow nor a direct connection with the sea.

The Cedar Lakes minor bays and the San Bernard River have remarkably similar salinities and salinity patterns over time (Figure 6). The salinities range from near fresh water (1.2 psu) to brackish (23.7). Salinities are lowest in fall and winter and highest in spring and summer. There are slightly higher, about 4 psu, salinities in the Cedar Lakes than in San Bernard River. Cedar Lakes salinity averaged 15.4 (± 6.2 standard deviation) psu and San Bernard River averaged 10.1 (± 7.3) psu.

The Cedar Lakes minor bays and the San Bernard River have similar nutrient-chlorophyll dynamics (Figure 6). There are higher dissolved inorganic nitrogen (DIN) concentrations in the San Bernard River than in the Cedar Lakes, but the chlorophyll (Chl) concentrations are frequently similar. The Chl values in the Cedar Lakes is averaging about 5.0 (± 2.7 standard deviation) $\mu\text{g l}^{-1}$ compared to 6.5 (± 4.5) $\mu\text{g l}^{-1}$ in the San Bernard River. The DIN concentrations in the San Bernard River are higher, averaging 23.0 (± 16.0) $\mu\text{mol l}^{-1}$ compared to 10.7 (± 8.5) $\mu\text{mol l}^{-1}$ in the Cedar Lakes.

Biomass was four times as high in the Cedar Lakes minor bays than in the San Bernard River (Figure 7). Biomass averaged 2.28 g m^{-2} (± 2.60 standard deviation) g m^{-2} in the Cedar Lakes compared to 0.52 g m^{-2} (± 0.32 g m^{-2} standard deviation) in the San Bernard River. Abundance was nearly two times higher in Cedar Lakes, 7,700 individuals m^{-2} ($\pm 5,800$ individuals m^{-2}) than in the San Bernard River 4,100 individuals m^{-2} ($\pm 2,600$ individuals m^{-2}). Biomass was fairly constant in the Cedar Lakes from October 2002 to October 2003, but increased dramatically in Cedar Lakes from October 2003 to January 2004 from near 1 g m^{-2} to

10 g m⁻². Biomass stayed high for 9 months and decreased to a similar level as that found in the San Bernard River.

One possible cause of the change in benthos between 2003 and 2004 in Cedar Lakes is Hurricane Claudette. Hurricane Claudette made landfall in July 11, 2003. The center of landfall was over Matagorda Island, just south of Cedar Lakes. According to local informants, the storm opened a Gulf cut into Cedar Lakes #4 and the cut persisted for some time. This cut would increase opportunities for marine species invasions into the Cedar Lakes habitats.

The communities in the two systems are quite different (Figure 8). On one hand both systems had a similar number of total species: 33 for Cedar Lakes and 26 for San Bernard River and both systems were dominated by the same two polychaete species (Table 4). Diversity (H' 1.5) and evenness (J' 0.43) was only slightly higher at Cedar Lakes, than at San Bernard (H' 1.3, J' 0.40 respectively). Overall, none of the univariate measures of the community were very different. On the other hand, the ranks were not the same. Cedar Lakes were dominated by *Mediomastus ambiseta* and the San Bernard River was dominated by *Streblospio benedicti*. More revealing is that the more rare species were very different in the two ecosystems, with each system having nine species that did not occur in the other ecosystem. Oligochaetes were highly abundant in Cedar Lakes, but the San Bernard River did not have a third dominant species. Filter feeding or suspension feeding mollusks (i.e., *Mulinia* and *Rangia*) were rare in the San Bernard River, and few were found in Cedar Lakes.

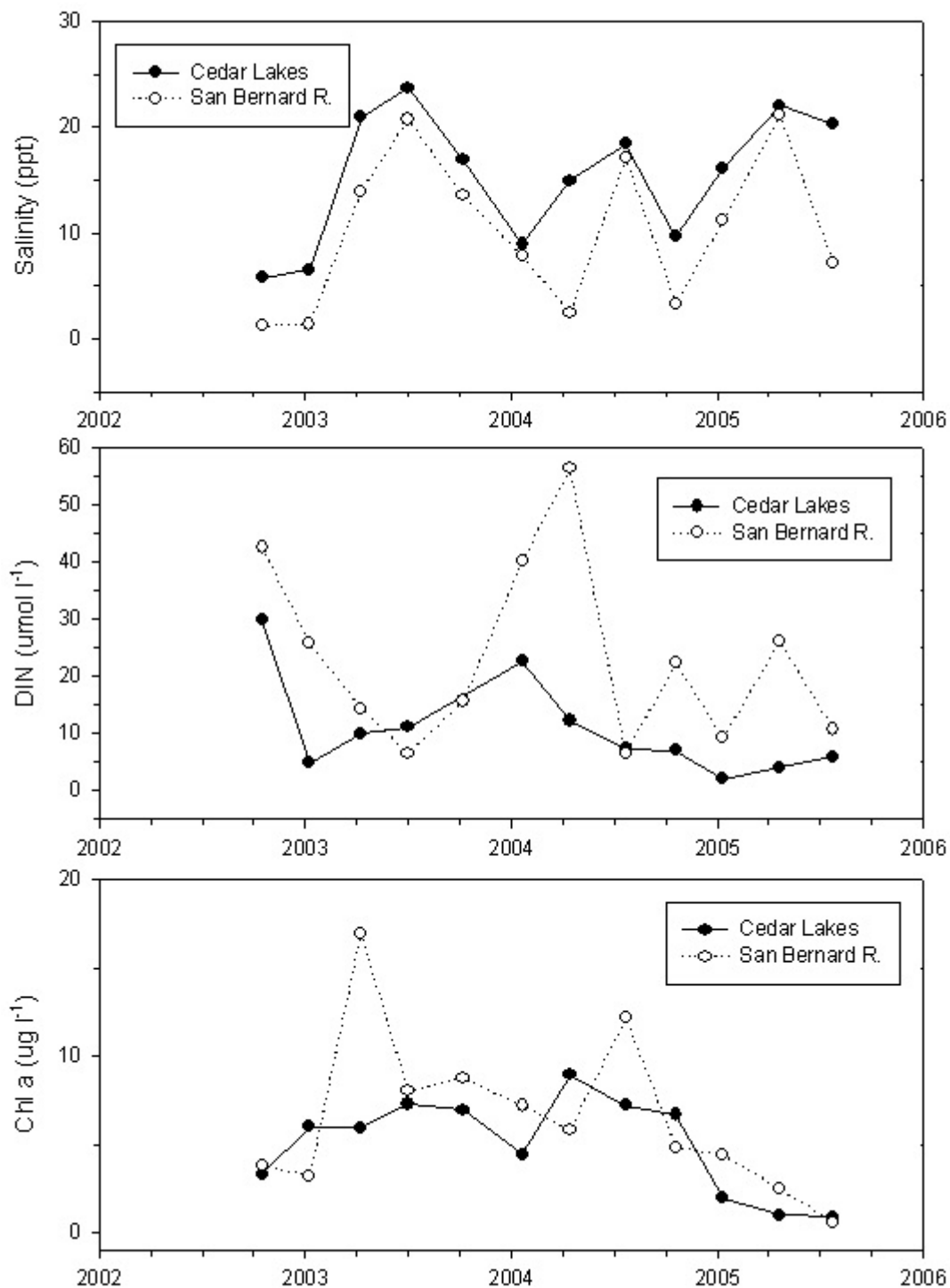


Figure 6. Salinity, dissolved inorganic nitrogen (DIN), and chlorophyll in the Cedar Lakes and San Bernard River. Average over all stations and depths at all sampling periods.

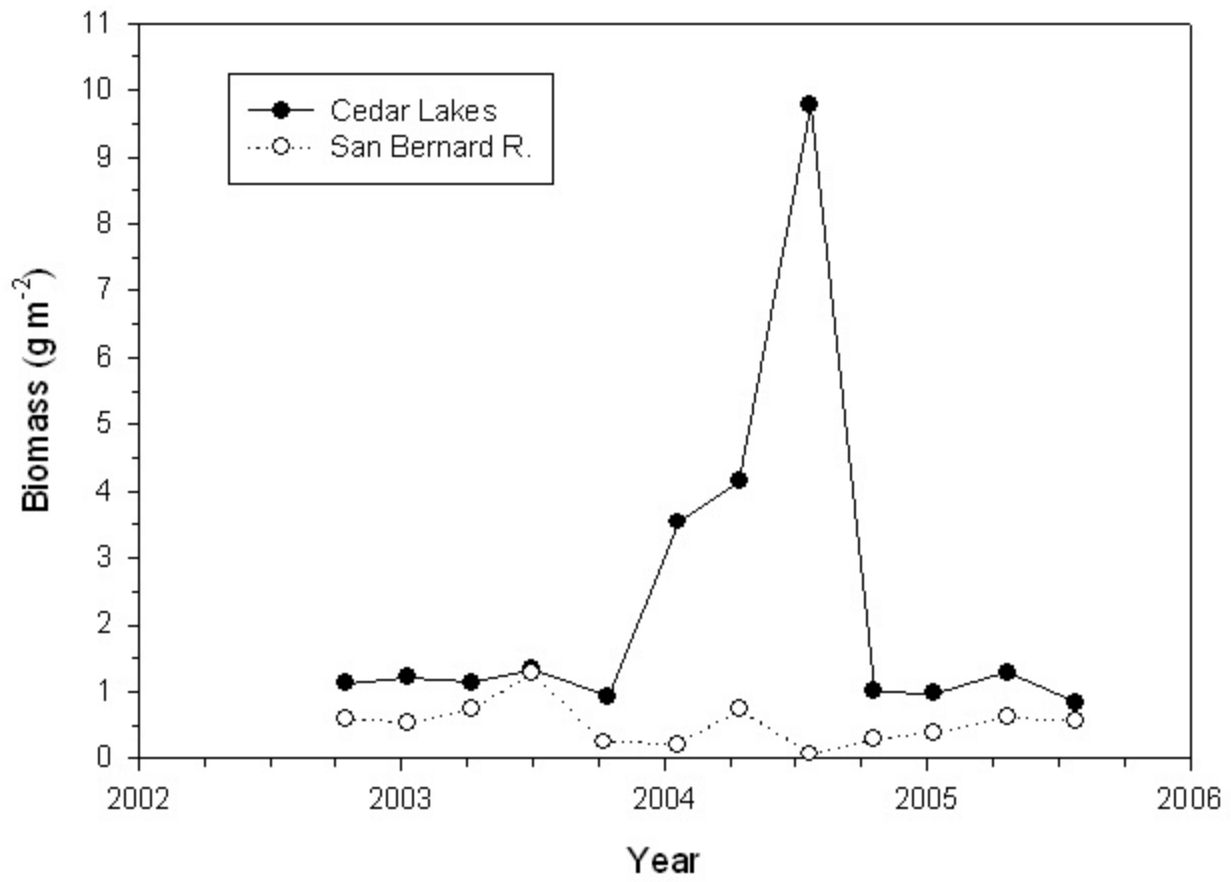


Figure 7. Macrofauna biomass in the Cedar Lakes and San Bernard River. Average over all stations at all sampling periods.

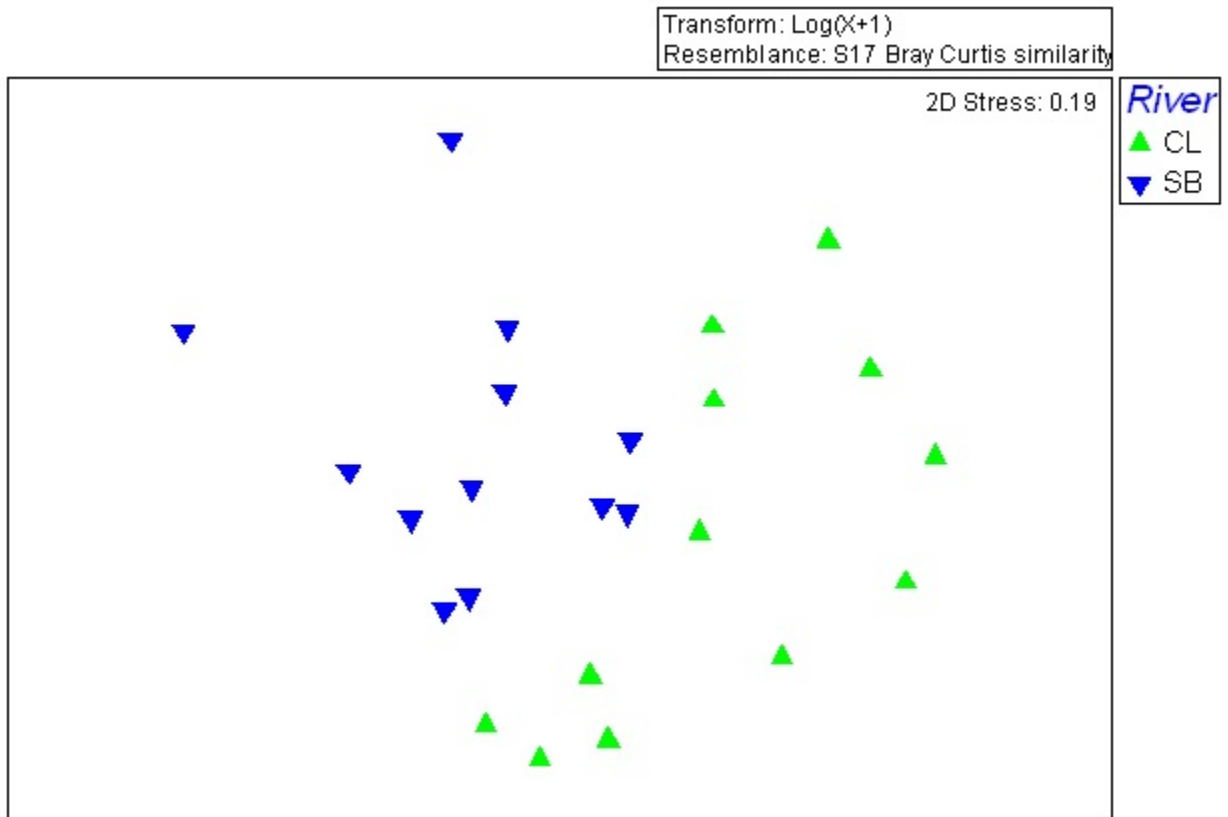


Figure 8. Multidimensional scaling (MDS) plot of community similarity between rivers and dates. Each point is a different sampling date, and the symbols are for the Cedar Lakes (CL) and the San Bernard (SB).

Table 4. Macrofauna species from the Cedar Lakes and San Bernard River. Number individuals m^{-2} .

Species Name	Cedar Lakes	San Bernard
Nemertinea (unidentified)	63	118
Texidina sphinctostoma		8
Nudibranchia (unidentified)	4	
Pelecypoda (unidentified)	12	4
Mysella planulata		4
Mulinia lateralis	8	24
Rangia flexuosa	4	
Tellina sp.	4	
Tellina texana	4	
Macoma mitchelli		4
Pholadidae (unidentified)		12
Sigambra bassi		16
Sigambra tentaculata		8
Parandalia ocularis	75	43
Gyptis vittata		12
Microphthalmus aberrans	35	
Parahesionia luteola		4
Neanthes succinea	8	
Laeonereis culveri	24	
Nereidae (unidentified)	16	
Glycinde solitaria	8	12
Polydora ligni	51	4
Paraprionospio pinnata	4	8
Scolecopsis texana	4	
Malacoceros indicus	4	
Streblospio benedicti	1422	2340
Polydora caulleryi		4
Spionidae (unidentified)		4
Capitella capitata	142	28
Heteromastus filiformis	24	
Mediomastus ambiseta	3475	1127
Hobsonia florida	12	4
Oligochaetes (unidentified)	2013	248
Hirudinea (unidentified)	4	
Ostracoda (unidentified)	8	
Ogyrides limicola		4
Callianassa sp.	4	4
Callinectes sapidus	4	
Ampelisca abdita	122	
Gammarus mucronatus	4	
Corophium louisianum	8	
Grandidierella bonnieroides	4	
Edotea montosa	8	
Chironomid larvae	75	28
Schizocardium sp.		20

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DATA APPENDICES

Hydrography

Appendix 1. Hydrographic data for all samples. Abbreviations: Bay (Brazos River = BR, Rio Grande = RG, San Bernard River = SB, CL = Cedar Lakes), STA = station, z = depth (m), SAL(R) = salinity by refractometer (ppt), SAL(M) = salinity by meter (psu), COND = conductivity (uS/cm), TEMP = temperature (°C), DO = dissolved oxygen (mg/l).

Bay	Date	STA	z	SAL(R)	SAL(M)	COND	TEMP	pH	DO
BR	18OCT2000	A	0.00	.	24.8	39.04	26.50	8.09	10.00
BR	18OCT2000	A	3.30	.	31.7	48.71	26.71	7.59	5.61
BR	18OCT2000	B	0.00	22	26.0	40.79	26.68	8.04	9.43
BR	18OCT2000	B	2.80	.	29.1	45.10	26.29	7.86	7.86
BR	18OCT2000	C	0.00	25	28.4	43.97	25.42	8.04	7.64
BR	18OCT2000	C	3.00	.	29.2	45.20	25.04	7.99	6.57
BR	10JAN2001	A	0.50	0	3.1	5.69	8.74	.	10.28
BR	10JAN2001	A	2.60	.	3.2	5.82	8.75	.	9.32
BR	10JAN2001	B	0.50	0	3.7	6.76	8.85	.	9.70
BR	10JAN2001	B	2.80	.	3.7	6.77	8.84	.	9.13
BR	10JAN2001	C	0.50	0	3.9	7.04	8.85	.	9.73
BR	10JAN2001	C	2.40	.	3.9	7.13	8.84	.	8.97
BR	10APR2001	A	0.00	0	1.6	3.10	22.60	7.95	7.72
BR	10APR2001	A	2.50	.	1.7	3.26	22.60	7.92	7.69
BR	10APR2001	B	0.00	0	2.1	3.95	22.63	7.92	7.93
BR	10APR2001	B	1.60	.	2.1	3.96	22.57	7.91	7.90
BR	10APR2001	C	0.00	0	2.2	4.22	22.76	7.95	8.06
BR	10APR2001	C	2.60	.	2.4	4.60	22.75	7.91	7.94
BR	11JUL2001	A	0.00	1	3.1	5.86	32.47	7.72	5.78
BR	11JUL2001	A	3.10	.	24.2	38.37	32.34	7.30	2.81
BR	11JUL2001	B	0.00	2	4.6	8.37	32.96	7.88	6.66
BR	11JUL2001	B	1.90	.	7.4	14.41	32.43	7.74	5.60
BR	11JUL2001	C	0.00	5	6.7	11.82	32.87	7.88	6.53
BR	11JUL2001	C	1.60	.	19.6	32.70	31.30	7.80	5.76
BR	12OCT2001	A	0.00	2	5.6	9.88	24.40	7.70	5.64
BR	12OCT2001	A	3.20	.	19.7	31.67	26.05	7.64	3.94
BR	12OCT2001	B	0.00	3	6.1	10.77	24.44	7.71	6.04
BR	12OCT2001	B	1.50	.	8.3	14.05	24.64	7.70	5.58
BR	12OCT2001	C	0.00	5	8.3	14.37	24.86	7.71	6.10
BR	12OCT2001	C	1.96	.	21.7	34.11	25.58	7.87	5.27
BR	08JAN2002	A	0.00	0	3.0	5.52	10.43	7.94	10.12
BR	08JAN2002	A	2.30	.	3.1	5.96	10.47	7.94	10.03
BR	08JAN2002	B	0.00	0	3.4	6.16	10.58	7.95	10.12
BR	08JAN2002	B	2.30	.	3.4	6.16	10.57	7.94	9.83
BR	08JAN2002	C	0.00	0	3.6	6.61	10.80	7.93	9.88
BR	08JAN2002	C	1.85	.	3.7	6.68	10.74	7.91	9.80
BR	12APR2002	A	0.00	0	1.9	3.62	21.53	7.70	5.28

BR	12APR2002	A	2.80	.	1.9	3.37	21.53	7.69	4.95
BR	12APR2002	B	0.00	0	1.9	3.51	21.58	7.68	5.06
BR	12APR2002	B	1.50	.	1.9	3.57	21.54	7.69	5.02
BR	12APR2002	C	0.00	0	1.8	3.51	21.68	7.69	5.11
BR	12APR2002	C	2.50	.	1.9	3.58	21.61	7.69	5.05
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BR	08JUL2002	A	2.30	.	23.4	37.21	32.16	7.63	2.69
BR	08JUL2002	B	0.00	12	14.4	23.96	33.06	8.22	10.67
BR	08JUL2002	B	2.00	.	22.3	35.57	31.95	7.73	3.32
BR	08JUL2002	C	0.00	12	15.3	25.31	32.76	8.24	10.47
BR	08JUL2002	C	2.50	.	22.2	35.55	31.54	7.86	4.66
BR	16OCT2002	A	0.10	2	5.1	9.10	24.65	7.53	5.61
BR	16OCT2002	A	2.70	.	16.9	27.49	24.62	7.64	3.82
BR	16OCT2002	B	0.10	4	5.8	10.32	24.80	7.72	5.92
BR	16OCT2002	B	1.80	.	14.1	22.70	24.21	7.64	4.03
BR	16OCT2002	C	0.10	6	9.5	16.31	24.41	7.73	5.16
BR	16OCT2002	C	2.10	.	16.5	27.02	24.24	7.77	4.31
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BR	08JAN2003	A	2.90	.	2.7	5.08	13.14	7.71	9.00
BR	08JAN2003	B	0.10	0	2.8	5.12	13.27	7.76	9.14
BR	08JAN2003	B	1.50	.	2.8	5.12	13.28	7.77	9.03
BR	08JAN2003	C	0.10	0	2.8	5.24	13.10	7.75	8.89
BR	08JAN2003	C	1.40	.	2.8	5.24	13.11	7.75	8.86
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BR	09APR2003	A	2.90	.	16.2	26.66	19.70	7.76	7.47
BR	09APR2003	B	0.10	2	5.1	9.05	20.77	8.02	9.14
BR	09APR2003	B	1.30	.	5.1	9.06	20.75	8.02	9.20
BR	09APR2003	C	0.10	4	6.6	11.40	20.46	8.02	8.85
BR	09APR2003	C	1.50	.	7.8	13.31	20.37	8.00	8.81
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BR	01JUL2003	A	2.90	.	18.3	29.73	31.39	7.60	4.01
BR	01JUL2003	B	0.10	3	4.8	8.74	31.72	7.97	7.65
BR	01JUL2003	B	2.50	.	16.9	27.67	30.70	7.67	4.44
BR	01JUL2003	C	0.10	6	7.1	12.51	31.90	7.94	6.87
BR	01JUL2003	C	2.40	.	19.0	30.78	30.57	7.89	4.43
BR	07OCT2003	A	0.10	6	9.3	16.02	28.69	7.92	8.29
BR	07OCT2003	A	2.80	.	22.5	35.81	27.58	7.37	3.29
BR	07OCT2003	B	0.10	7	9.6	16.52	28.80	8.06	8.79
BR	07OCT2003	B	2.40	.	20.8	33.23	27.01	7.61	4.43
BR	07OCT2003	C	0.10	8	11.6	19.50	28.34	8.09	9.66
BR	07OCT2003	C	3.20	.	21.5	34.34	27.11	7.98	7.28
BR	21JAN2004	A	0.10	2	4.8	8.56	14.60	7.64	8.15
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BR	21JAN2004	B	0.10	3	5.3	9.33	14.69	7.54	7.90
BR	21JAN2004	B	2.70	.	5.5	9.65	14.73	7.58	7.83
BR	21JAN2004	C	0.10	3	5.5	9.80	14.73	7.57	7.81
BR	21JAN2004	C	1.70	.	5.6	9.91	14.75	7.58	7.77
BR	13APR2004	A	0.10	0	2.4	4.51	21.75	8.02	7.67
BR	13APR2004	A	2.60	.	2.4	4.53	21.77	8.02	7.58
BR	13APR2004	B	0.10	1	2.6	4.91	21.68	8.18	7.51
BR	13APR2004	B	2.40	.	2.6	4.91	21.79	8.24	7.48
BR	13APR2004	C	0.10	1	3.3	6.08	21.54	8.31	7.46
BR	13APR2004	C	1.30	.	3.6	6.64	21.43	8.28	7.29
BR	21JUL2004	A	0.10	0	3.2	5.90	32.02	7.51	7.97
BR	21JUL2004	A	2.70	.	6.6	11.70	31.14	7.41	6.93

BR	21JUL2004	B	0.10	0	3.4	6.38	32.01	7.76	8.10
BR	21JUL2004	B	2.20	.	8.3	14.34	31.28	7.54	6.82
BR	21JUL2004	C	0.10	2	3.8	7.05	32.07	7.77	8.37
BR	21JUL2004	C	1.40	.	4.1	7.23	32.04	7.78	8.20
BR	18OCT2004	A	0.10	3	5.1	9.15	26.01	7.65	6.73
BR	18OCT2004	A	2.00	.	5.3	9.44	25.70	7.63	6.53
BR	18OCT2004	B	0.10	2	4.5	8.15	26.53	7.71	7.15
BR	18OCT2004	B	1.50	.	6.0	10.53	25.57	7.59	6.23
BR	18OCT2004	C	0.10	3	5.1	9.19	27.30	7.80	7.34
BR	18OCT2004	C	1.00	.	6.7	11.75	26.76	7.74	6.77
BR	10JAN2005	A	0.10	0	1.8	3.48	16.60	8.03	9.73
BR	10JAN2005	A	3.70	.	2.1	3.89	15.96	7.98	9.60
BR	10JAN2005	B	0.10	0	1.9	3.64	16.26	7.94	9.65
BR	10JAN2005	B	3.40	.	1.9	3.65	16.14	7.94	9.61
BR	10JAN2005	C	0.10	0	2.3	4.28	16.39	7.97	9.67
BR	10JAN2005	C	2.30	.	3.0	5.89	15.93	7.95	9.29
BR	21APR2005	A	0.10	2	4.4	8.03	24.75	8.35	13.53
BR	21APR2005	A	0.50	.	4.4	7.92	24.71	8.38	13.64
BR	21APR2005	A	1.00	.	4.4	8.00	24.39	8.36	13.25
BR	21APR2005	A	1.50	.	4.6	8.32	24.05	8.27	12.01
BR	21APR2005	A	2.00	.	6.6	11.38	23.77	8.04	9.06
BR	21APR2005	A	2.50	.	15.0	25.00	24.17	7.83	6.84
BR	21APR2005	A	2.70	.	19.6	31.04	24.35	7.77	5.73
BR	21APR2005	B	0.10	2	4.7	8.40	25.04	8.30	13.12
BR	21APR2005	B	0.50	.	4.7	8.42	25.03	8.30	13.29
BR	21APR2005	B	1.00	.	4.8	8.52	24.94	8.28	13.18
BR	21APR2005	B	1.50	.	6.4	11.31	24.24	8.00	10.37
BR	21APR2005	B	2.00	.	8.8	15.50	23.97	7.93	8.80
BR	21APR2005	B	2.50	.	19.5	31.80	24.12	7.74	6.19
BR	21APR2005	C	0.10	3	5.0	8.96	25.32	8.36	13.21
BR	21APR2005	C	0.50	.	5.1	9.01	25.13	8.32	13.24
BR	21APR2005	C	1.00	.	5.6	10.06	24.85	8.28	12.81
BR	21APR2005	C	1.50	.	7.0	12.22	24.36	8.14	11.59
BR	21APR2005	C	1.80	.	8.6	15.05	24.11	8.05	10.33
BR	25JUL2005	A	0.10	4	6.8	12.05	33.10	8.31	13.76
BR	25JUL2005	A	0.50	.	7.0	12.38	33.10	8.29	13.60
BR	25JUL2005	A	1.00	.	7.9	13.69	32.33	8.05	10.69
BR	25JUL2005	A	1.50	.	11.7	20.09	32.02	7.75	6.24
BR	25JUL2005	A	2.00	.	16.3	26.85	32.41	7.66	4.40
BR	25JUL2005	A	2.70	.	19.0	30.88	32.65	7.57	3.59
BR	25JUL2005	B	0.10	5	7.3	12.92	33.19	8.24	12.68
BR	25JUL2005	B	0.50	.	7.4	12.99	33.01	8.21	12.65
BR	25JUL2005	B	1.00	.	7.6	13.33	32.65	8.15	11.83
BR	25JUL2005	B	1.50	.	8.3	14.46	32.41	8.03	10.29
BR	25JUL2005	B	2.00	.	15.1	24.67	32.00	7.64	4.95
BR	25JUL2005	B	2.50	.	18.5	29.98	32.03	7.57	3.68
BR	25JUL2005	C	0.10	.	8.9	15.48	33.37	8.26	12.56
BR	25JUL2005	C	0.50	.	9.3	17.12	33.77	8.24	11.94
BR	25JUL2005	C	1.00	.	11.2	19.18	33.03	8.04	10.47
BR	25JUL2005	C	1.50	.	12.7	21.32	32.56	7.94	8.64
RG	24OCT2000	A	0.00	3	4.8	8.59	26.43	8.94	11.87
RG	24OCT2000	A	0.38	.	4.8	8.58	26.46	8.93	11.34
RG	24OCT2000	B	0.00	.	5.5	9.80	26.84	8.90	10.56
RG	24OCT2000	B	0.28	.	5.5	9.89	26.74	8.90	9.79
RG	24OCT2000	C	0.00	6	7.7	13.50	27.48	8.40	9.54

RG	24OCT2000	C	0.32	.	7.8	13.50	27.48	8.38	8.77
RG	10JAN2001	A	0.00	.	4.5	.	15.48	8.45	10.23
RG	10JAN2001	A	0.80	.	4.5	.	15.46	8.57	9.65
RG	10JAN2001	B	0.00	.	5.0	.	15.19	8.20	9.65
RG	10JAN2001	B	0.75	.	5.0	.	15.14	8.38	9.55
RG	10JAN2001	C	0.00	.	8.6	.	18.13	8.75	9.70
RG	10JAN2001	C	0.64	.	8.6	.	18.13	8.80	8.40
RG	14APR2001	A	.	.	1.4	.	27.08	8.69	5.98
RG	14APR2001	A	0.00	.	1.4	.	27.08	8.65	6.62
RG	14APR2001	B	.	.	1.5	.	26.63	8.64	6.41
RG	14APR2001	B	0.00	.	1.5	.	26.66	8.60	6.55
RG	14APR2001	C	.	.	2.3	.	26.19	8.42	4.82
RG	14APR2001	C	0.00	.	2.3	.	26.18	8.36	5.68
RG	07JUL2001	A	0.00	.	0.7	12.96	30.18	8.44	6.99
RG	07JUL2001	A	0.65	.	0.7	12.96	30.17	8.44	6.71
RG	07JUL2001	B	0.00	.	0.7	13.08	29.62	8.45	7.12
RG	07JUL2001	B	0.61	.	0.7	13.07	29.61	8.46	6.74
RG	07JUL2001	C	0.00	.	0.9	1.76	28.46	8.44	5.62
RG	07JUL2001	C	0.60	.	0.9	1.76	28.42	8.41	5.02
RG	20OCT2001	A	0.00	.	8.2	14.11	26.08	8.34	8.67
RG	20OCT2001	A	0.50	.	8.2	14.11	26.09	8.36	8.99
RG	20OCT2001	B	0.00	.	8.7	15.06	26.41	8.32	8.30
RG	20OCT2001	B	0.50	.	8.9	15.35	26.34	8.36	8.00
RG	20OCT2001	C	0.00	.	10.5	17.87	25.79	8.74	9.76
RG	20OCT2001	C	0.35	.	10.6	18.02	25.32	8.23	9.06
RG	21JAN2002	A	0.00	.	0.9	16.13	19.78	8.89	7.53
RG	21JAN2002	A	0.47	.	0.9	16.16	19.76	8.88	6.68
RG	21JAN2002	B	0.00	.	0.9	16.28	19.70	8.98	7.40
RG	21JAN2002	B	0.39	.	0.9	16.28	19.70	8.96	6.80
RG	21JAN2002	C	0.00	.	1.2	22.83	19.72	9.13	5.99
RG	21JAN2002	C	0.35	.	1.2	22.91	19.72	9.14	5.14
RG	13APR2002	A	0.00	.	0.8	15.12	26.08	8.77	5.69
RG	13APR2002	A	0.65	.	0.8	15.13	26.05	8.77	5.25
RG	13APR2002	B	0.00	.	0.8	15.32	25.65	8.79	5.68
RG	13APR2002	B	0.61	.	0.8	15.34	25.64	8.78	5.47
RG	13APR2002	C	0.00	.	1.4	26.77	25.30	8.65	4.31
RG	13APR2002	C	0.59	.	1.4	26.78	25.27	8.63	4.22
RG	09JUL2002	A	0.00	.	0.9	1.67	30.03	8.39	6.45
RG	09JUL2002	A	0.60	.	0.9	1.67	30.03	8.39	6.24
RG	09JUL2002	B	0.00	.	0.9	1.69	29.53	8.46	5.90
RG	09JUL2002	B	0.60	.	0.9	1.68	29.46	8.44	5.41
RG	09JUL2002	D	0.00	.	0.7	1.47	29.86	8.48	5.80
RG	09JUL2002	D	0.50	.	0.7	1.48	29.85	8.47	5.50
RG	19OCT2002	A	0.10	.	1.1	2.22	26.13	8.26	9.00
RG	19OCT2002	A	0.97	.	1.1	2.21	26.14	8.23	8.65
RG	19OCT2002	B	0.10	.	1.9	3.67	26.78	8.29	8.31
RG	19OCT2002	B	0.77	.	1.9	3.68	26.57	8.25	6.85
RG	19OCT2002	C	0.10	.	4.6	8.31	18.99	8.20	9.24
RG	19OCT2002	C	0.14	.	4.8	8.74	19.49	8.31	9.90
RG	19OCT2002	D	0.10	.	3.0	5.57	26.28	8.42	8.46
RG	19OCT2002	D	0.79	.	3.1	5.66	25.99	8.39	8.37
RG	19OCT2002	E	0.10	.	3.3	6.23	20.78	8.16	9.40
RG	19OCT2002	E	0.62	.	3.3	6.09	20.74	8.15	8.62
RG	10JAN2003	A	0.03	.	2.0	3.94	19.19	8.40	8.44
RG	10JAN2003	A	0.60	.	2.2	4.13	19.22	8.40	8.13

RG	10JAN2003	B	0.03	.	4.1	7.52	19.26	8.41	8.92
RG	10JAN2003	B	0.58	.	4.2	7.68	19.30	8.41	7.92
RG	10JAN2003	C	0.03	.	9.2	15.80	19.61	8.42	8.18
RG	10JAN2003	C	0.47	.	9.3	16.10	19.65	8.42	7.56
RG	10JAN2003	D	0.03	.	7.5	13.17	19.72	8.44	8.42
RG	10JAN2003	D	0.71	.	8.3	14.32	20.03	8.41	7.08
RG	10JAN2003	E	0.03	.	9.3	16.00	19.59	8.40	7.99
RG	10JAN2003	E	0.67	.	9.3	16.10	19.55	8.44	7.53
RG	05APR2003	A	0.00	.	24.6	3.91	24.60	8.78	8.52
RG	05APR2003	A	0.68	.	2.1	3.61	24.65	8.77	7.35
RG	05APR2003	B	0.00	.	4.2	7.56	23.57	8.85	8.40
RG	05APR2003	B	0.98	.	4.7	8.38	22.97	8.83	7.25
RG	05APR2003	C	0.00	.	7.5	13.10	23.31	8.83	7.51
RG	05APR2003	C	0.57	.	8.8	15.10	22.81	8.80	6.78
RG	05APR2003	D	0.00	.	8.3	14.49	22.47	8.80	7.76
RG	05APR2003	D	0.70	.	15.3	23.10	22.30	8.67	5.93
RG	05APR2003	E	0.00	.	14.3	23.70	22.19	8.68	6.95
RG	05APR2003	E	0.65	.	15.3	25.30	22.12	8.67	6.50
RG	11JUL2003	A	0.30	.	1.8	3.51	30.22	7.80	6.35
RG	11JUL2003	A	0.61	.	1.9	3.56	30.22	7.80	5.70
RG	11JUL2003	B	0.30	.	3.5	6.47	30.01	7.90	6.59
RG	11JUL2003	B	0.58	.	3.5	6.43	30.02	7.93	6.10
RG	11JUL2003	C	0.30	.	5.5	9.73	28.80	8.00	5.81
RG	11JUL2003	C	0.53	.	5.6	9.92	28.74	8.00	5.08
RG	11JUL2003	D	0.30	.	5.9	10.36	28.97	8.00	5.99
RG	11JUL2003	D	0.60	.	6.2	11.95	28.98	7.97	5.66
RG	11JUL2003	E	0.30	.	7.4	12.70	28.52	7.99	5.70
RG	11JUL2003	E	0.57	.	7.4	12.81	28.51	7.99	5.43
RG	17NOV2003	A	0.30	.	0.9	1.87	25.70	7.93	7.30
RG	17NOV2003	A	0.51	.	0.9	1.87	25.70	7.91	6.84
RG	17NOV2003	B	0.03	.	1.0	1.89	26.18	8.03	7.86
RG	17NOV2003	B	0.47	.	1.0	1.89	26.15	8.00	5.37
RG	17NOV2003	C	0.03	.	1.2	2.35	26.68	8.68	10.32
RG	17NOV2003	C	0.47	.	1.2	2.34	26.67	8.65	9.02
RG	17NOV2003	D	0.03	.	1.0	1.97	26.40	8.10	8.90
RG	17NOV2003	D	0.57	.	1.0	1.97	26.41	8.11	7.97
RG	17NOV2003	E	0.03	.	1.0	1.99	26.61	8.06	7.90
RG	17NOV2003	E	0.51	.	1.0	1.99	26.61	8.05	7.26
RG	05JAN2004	A	0.01	.	1.2	2.27	20.81	7.97	7.45
RG	05JAN2004	A	0.55	.	1.2	2.26	20.80	8.02	6.89
RG	05JAN2004	B	0.10	.	1.1	2.26	20.82	7.98	7.31
RG	05JAN2004	B	0.51	.	1.1	2.26	20.81	8.03	6.31
RG	05JAN2004	C	0.10	.	2.3	4.38	20.52	8.10	8.01
RG	05JAN2004	C	0.39	.	2.3	4.38	20.56	8.13	7.30
RG	05JAN2004	D	0.10	.	2.1	4.01	20.63	8.14	7.14
RG	05JAN2004	D	0.61	.	2.1	4.01	20.63	8.15	7.04
RG	05JAN2004	E	0.10	.	4.5	8.18	20.57	8.19	7.51
RG	05JAN2004	E	0.57	.	4.7	8.55	20.66	8.23	6.88
RG	10APR2004	A	0.01	.	0.8	1.64	25.88	8.65	7.83
RG	10APR2004	A	0.65	.	0.8	1.64	25.87	8.67	7.01
RG	10APR2004	B	0.01	.	0.8	1.62	26.31	8.99	8.84
RG	10APR2004	B	0.58	.	0.8	1.62	26.28	8.98	8.52
RG	10APR2004	C	0.01	.	0.8	1.65	26.06	9.05	9.31
RG	10APR2004	C	0.62	.	0.9	1.71	25.83	9.03	7.92
RG	10APR2004	D	0.01	.	0.8	1.60	26.29	9.13	9.58

RG	10APR2004	D	0.65	.	0.8	1.61	26.27	9.11	9.00
RG	10APR2004	E	0.01	.	0.9	1.71	26.49	9.25	10.42
RG	10APR2004	E	0.69	.	0.9	1.71	26.57	9.23	10.00
RG	08JUL2004	A	0.01	.	0.6	1.15	30.47	7.23	5.83
RG	08JUL2004	A	0.62	.	0.6	1.15	30.45	7.22	5.66
RG	08JUL2004	B	0.01	.	0.6	1.16	30.34	7.42	5.59
RG	08JUL2004	B	0.60	.	0.6	1.16	30.33	7.32	5.38
RG	08JUL2004	C	0.01	.	0.6	1.30	29.98	7.69	6.71
RG	08JUL2004	C	0.55	.	0.6	1.28	30.01	7.65	6.23
RG	08JUL2004	D	0.01	.	0.6	1.16	30.12	7.37	5.82
RG	08JUL2004	D	0.61	.	0.6	1.16	30.12	7.41	5.74
RG	08JUL2004	E	0.01	.	0.6	1.17	29.92	7.40	6.17
RG	08JUL2004	E	0.60	.	0.6	1.17	29.93	7.43	5.86
RG	23OCT2004	A	0.10	.	9.5	0.65	29.02	8.38	9.55
RG	23OCT2004	A	0.62	.	9.2	0.65	29.05	8.41	9.20
RG	23OCT2004	B	0.10	.	8.2	0.63	27.67	8.25	8.24
RG	23OCT2004	B	0.47	.	7.8	0.63	27.62	8.30	7.80
RG	23OCT2004	C	0.10	.	8.4	1.31	27.13	8.41	8.43
RG	23OCT2004	C	0.42	.	7.7	1.31	27.15	8.43	7.70
RG	23OCT2004	D	0.10	.	9.1	1.52	28.04	8.48	9.07
RG	23OCT2004	D	0.60	.	8.7	1.52	28.05	8.48	8.70
RG	23OCT2004	E	0.10	.	9.5	2.46	28.20	8.55	9.47
RG	23OCT2004	E	0.59	.	9.0	2.50	28.22	8.56	9.05
RG	05JAN2005	A	0.10	.	8.2	0.72	22.36	7.79	8.19
RG	05JAN2005	A	0.59	.	8.0	0.72	22.33	7.80	7.96
RG	05JAN2005	B	0.10	.	8.0	0.72	22.35	7.83	8.05
RG	05JAN2005	B	0.52	.	7.9	0.72	22.37	7.83	7.90
RG	05JAN2005	C	0.10	.	7.7	1.12	21.87	7.94	7.67
RG	05JAN2005	C	0.49	.	7.5	1.11	21.87	7.93	7.50
RG	05JAN2005	D	0.10	.	7.9	1.04	21.70	7.88	7.87
RG	05JAN2005	D	0.64	.	7.4	1.04	21.70	7.87	7.44
RG	05JAN2005	E	0.10	.	8.1	1.23	21.60	7.91	8.06
RG	05JAN2005	E	0.58	.	7.8	1.22	21.58	7.91	7.76
RG	09APR2005	A	0.10	.	1.2	2.33	25.20	8.41	9.30
RG	09APR2005	A	0.73	.	1.2	2.35	25.29	8.41	8.96
RG	09APR2005	B	0.10	.	2.5	4.64	24.93	8.35	9.03
RG	09APR2005	B	0.48	.	2.5	4.63	24.91	8.34	8.36
RG	09APR2005	C	0.10	.	3.9	7.08	20.45	8.36	11.91
RG	09APR2005	C	0.40	.	3.9	7.06	20.48	8.41	11.52
RG	09APR2005	D	0.10	.	9.7	16.60	20.79	8.20	10.41
RG	09APR2005	D	0.63	.	9.8	16.70	20.79	8.19	9.96
RG	09APR2005	E	0.10	.	8.4	14.55	20.23	8.45	11.75
RG	09APR2005	E	0.57	.	8.4	14.65	20.00	8.34	11.73
RG	06AUG2005	A	0.10	.	0.5	1.01	31.08	84.7	6.30
RG	06AUG2005	A	0.75	.	0.5	1.01	31.07	7.75	5.72
RG	06AUG2005	B	0.10	.	0.5	1.00	31.35	7.75	6.16
RG	06AUG2005	B	0.56	.	0.5	1.00	31.25	7.70	5.85
RG	06AUG2005	C	0.10	.	0.9	1.87	31.25	7.97	7.40
RG	06AUG2005	C	0.35	.	0.9	1.87	31.26	7.96	7.04
RG	06AUG2005	D	0.10	.	1.0	1.98	31.19	7.99	7.06
RG	06AUG2005	D	0.58	.	1.0	1.94	31.18	7.96	6.90
RG	06AUG2005	E	0.10	.	1.1	2.22	30.95	7.94	7.02
RG	06AUG2005	E	0.66	.	1.1	2.22	31.13	7.89	6.78
SB	16OCT2002	A	0.10	0	0.2	0.33	23.63	7.77	6.14
SB	16OCT2002	A	1.55	0	0.2	0.35	21.53	7.63	5.64

SB	16OCT2002	B	0.10	0	2.0	3.73	22.45	7.87	6.44
SB	16OCT2002	B	1.10	0	2.6	4.90	21.22	7.71	6.27
SB	08JAN2003	A	0.10	0	0.1	0.25	13.83	7.67	9.10
SB	08JAN2003	A	1.09	.	0.1	0.26	13.85	7.61	8.61
SB	08JAN2003	B	0.10	0	1.6	3.01	14.04	7.74	9.48
SB	08JAN2003	B	1.50	.	3.6	6.50	13.45	7.65	8.87
SB	09APR2003	A	0.10	7	10.6	17.83	18.27	8.28	9.58
SB	09APR2003	A	2.00	.	11.7	19.55	17.86	8.20	9.07
SB	09APR2003	B	0.10	15	16.7	27.14	16.55	8.07	9.32
SB	09APR2003	B	1.70	.	16.7	27.16	16.55	8.08	9.23
SB	01JUL2003	A	0.10	15	17.6	28.71	30.71	7.98	7.21
SB	01JUL2003	A	1.60	.	22.1	35.31	29.97	7.67	5.10
SB	01JUL2003	B	0.10	18	21.5	34.37	29.68	8.13	6.89
SB	01JUL2003	B	1.80	.	21.6	34.59	29.19	8.08	6.17
SB	07OCT2003	A	0.10	5	6.9	12.14	27.18	7.43	7.05
SB	07OCT2003	A	1.40	.	8.5	14.65	26.11	7.21	5.82
SB	07OCT2003	B	0.10	12	14.8	24.55	27.05	7.54	6.75
SB	07OCT2003	B	1.50	.	23.7	37.48	25.87	7.80	6.33
SB	20JAN2004	A	0.10	0	0.1	0.27	14.95	7.66	7.98
SB	20JAN2004	A	2.30	.	0.1	0.27	14.95	7.59	7.62
SB	20JAN2004	B	0.10	6	8.3	14.35	14.83	7.75	9.20
SB	20JAN2004	B	1.90	.	22.7	35.85	14.69	7.87	8.95
SB	13APR2004	A	0.10	0	1.0	1.99	19.79	7.60	6.83
SB	13APR2004	A	1.20	.	1.1	2.12	19.74	7.67	6.78
SB	13APR2004	B	0.10	2	5.0	8.91	20.64	7.77	7.87
SB	13APR2004	B	0.10	1	2.6	4.91	21.68	8.18	7.51
SB	21JUL2004	A	0.10	5	7.6	13.39	31.60	7.94	8.86
SB	21JUL2004	A	1.20	.	7.9	13.72	31.53	7.91	8.32
SB	21JUL2004	B	0.10	24	26.4	41.42	31.42	7.89	8.79
SB	21JUL2004	B	0.90	.	26.4	41.45	31.10	7.87	8.84
SB	18OCT2004	A	0.10	0	0.5	0.94	26.00	7.60	6.81
SB	18OCT2004	A	0.80	.	0.5	9.94	25.94	7.53	6.53
SB	18OCT2004	B	0.10	6	4.7	8.65	27.20	7.55	6.97
SB	18OCT2004	B	1.00	.	7.5	13.13	26.38	7.56	6.35
SB	10JAN2005	A	0.10	4	6.5	11.44	18.35	8.14	10.04
SB	10JAN2005	A	0.90	.	6.8	11.87	17.80	8.11	9.81
SB	10JAN2005	B	0.10	12	14.8	24.23	18.00	8.11	9.52
SB	10JAN2005	B	1.40	.	16.5	26.86	16.65	7.97	7.71
SB	21APR2005	A	0.10	15	17.5	28.48	24.71	8.04	7.76
SB	21APR2005	A	1.30	.	17.8	28.77	24.19	8.00	7.36
SB	21APR2005	B	0.10	20	24.0	37.82	25.32	8.12	8.63
SB	21APR2005	B	1.80	.	25.3	39.70	23.67	7.99	7.40
SB	25JUL2005	A	0.10	0	1.5	2.97	32.25	7.67	5.97
SB	25JUL2005	A	1.00	.	1.5	2.94	31.78	7.59	6.07
SB	25JUL2005	B	0.10	3	5.0	9.07	31.72	7.70	6.33
SB	25JUL2005	B	1.60	.	20.6	33.37	30.40	7.49	3.20
CL	16OCT2002	A	0.35	2	3.6	6.57	18.50	7.71	8.33
CL	16OCT2002	B	0.37	5	8.0	13.99	21.61	7.87	8.33
CL	08JAN2003	A	0.23	4	5.0	8.94	15.33	8.78	11.56
CL	08JAN2003	B	0.22	6	8.1	13.87	16.65	8.47	12.53
CL	09APR2003	A	0.10	16	19.3	31.02	12.79	8.13	10.99
CL	09APR2003	B	0.10	30	22.5	35.65	17.80	7.98	9.40
CL	01JUL2003	A	0.50	20	23.2	36.84	28.99	7.92	5.33
CL	01JUL2003	B	0.50	20	24.3	38.39	30.30	7.93	6.55
CL	07OCT2003	A	0.45	15	17.0	27.77	26.46	7.42	6.06

CL	07OCT2003	B	0.50	15	16.8	27.42	26.95	7.56	6.45
CL	20JAN2004	A	0.25	10	12.1	20.29	12.88	8.28	10.77
CL	20JAN2004	B	0.30	3	5.7	10.09	12.90	7.65	9.47
CL	13APR2004	A	0.10	10	13.0	21.64	16.83	8.40	11.97
CL	13APR2004	B	0.10	14	16.9	27.39	18.91	7.96	7.61
CL	21JUL2004	A	0.20	15	18.7	30.49	32.76	7.79	7.21
CL	21JUL2004	B	0.45	16	18.0	29.50	33.72	7.97	9.45
CL	18OCT2004	A	0.40	8	10.4	17.62	28.22	7.48	8.03
CL	18OCT2004	B	0.55	6	8.9	15.28	28.56	7.90	7.94
CL	10JAN2005	A	0.10	12	13.7	22.69	21.40	8.24	10.00
CL	10JAN2005	B	0.10	16	18.5	29.87	20.28	8.36	11.59
CL	10JAN2005	B	0.35	.	18.5	29.87	20.28	8.36	11.59
CL	21APR2005	A	0.10	18	21.0	33.67	26.53	7.94	9.29
CL	21APR2005	A	0.15	.	21.0	33.67	26.53	7.94	9.29
CL	21APR2005	B	0.10	20	23.0	36.51	26.52	8.02	8.38
CL	21APR2005	B	0.30	.	23.0	36.51	26.52	8.02	8.38
CL	25JUL2005	A	0.10	14	16.5	27.23	33.75	7.74	7.33
CL	25JUL2005	A	0.20	.	16.5	27.23	33.75	7.74	7.33
CL	25JUL2005	B	0.10	22	24.0	38.24	34.79	7.72	7.37
CL	25JUL2005	B	0.30	.	24.0	38.24	34.79	7.72	7.37

Nutrients

Appendix 2. Nutrient and chlorophyll data for all samples. Abbreviations: Bay (Christmas Bay = CB, Brazos River = BR, Rio Grande = RG, San Bernard River = SB, CL = Cedar Lakes), STA = station, N+N = nitrate plus nitrite, Chl = chlorophyll *a*. Water depth is in m. Nutrient concentrations are in umol/l. Chlorophyll concentrations in ug/l.

Bay	Date	STA	Depth	PO ₄	SIO ₄	N+N	NH ₄	Chl
BR	18OCT2000	A	0.10	1.646	62	37.66	.	5.396
BR	18OCT2000	A	3.30	1.917	45	36.56	.	15.744
BR	18OCT2000	B	0.10	0.688	32	30.79	.	3.668
BR	18OCT2000	B	2.80	2.164	45	35.90	.	15.063
BR	18OCT2000	C	0.10	1.310	42	26.15	.	15.880
BR	18OCT2000	C	3.00	1.207	31	22.42	.	16.031
BR	10JAN2001	A	0.10	1.740	237	32.58	3.24	6.760
BR	10JAN2001	A	2.60	2.030	284	29.57	10.26	7.390
BR	10JAN2001	B	0.10	1.660	287	25.49	5.71	6.990
BR	10JAN2001	B	2.80	.	.	.	2.81	.
BR	10JAN2001	C	0.10	1.490	307	21.53	3.53	6.560
BR	10JAN2001	C	2.40	1.740	286	37.24	6.90	6.960
BR	10APR2001	A	0.10	11.18	233	57.40	5.14	4.050
BR	10APR2001	A	2.50	1.200	318	51.31	5.58	3.890
BR	10APR2001	B	0.10	0.000	362	54.36	6.03	4.820
BR	10APR2001	B	1.60	1.260	324	56.89	3.62	4.810
BR	10APR2001	C	0.10	1.330	250	59.46	4.52	4.510
BR	10APR2001	C	2.60	1.550	349	59.46	5.45	4.970
BR	11JUL2001	A	0.10	3.310	349	9.380	5.84	4.630
BR	11JUL2001	A	3.10	4.340	156	11.15	23.90	25.550
BR	11JUL2001	B	0.10	3.480	335	4.230	6.46	5.170
BR	11JUL2001	B	1.90	3.150	330	4.180	7.20	2.090
BR	11JUL2001	C	0.10	3.490	350	66.65	7.94	5.100
BR	11JUL2001	C	1.60	3.930	214	46.83	21.67	8.310
BR	12OCT2001	A	.	3.620	181	32.82	9.10	11.060
BR	12OCT2001	A	0.10	2.840	170	25.26	9.14	10.010
BR	12OCT2001	B	.	4.260	188	33.19	11.88	13.270
BR	12OCT2001	B	0.10	2.840	167	23.81	8.74	9.840
BR	12OCT2001	C	.	2.180	118	19.71	6.20	9.700
BR	12OCT2001	C	0.10	2.550	158	26.53	7.72	11.150
BR	08JAN2002	A	0.10	2.990	178	50.05	3.98	2.260
BR	08JAN2002	A	2.30	2.940	170	50.44	3.76	2.150
BR	08JAN2002	B	0.10	2.900	170	50.93	3.68	2.250
BR	08JAN2002	B	2.30	2.810	163	50.80	4.42	2.200
BR	08JAN2002	C	0.10	2.500	166	49.00	3.26	2.100
BR	08JAN2002	C	1.85	2.500	142	47.70	3.62	2.190
BR	12APR2002	A	0.10	3.490	109	45.45	4.10	6.640
BR	12APR2002	A	2.80	4.250	105	45.98	5.68	6.710
BR	12APR2002	B	0.10	4.310	111	46.36	6.34	7.660
BR	12APR2002	B	1.50	3.820	102	45.16	9.12	8.570
BR	12APR2002	C	0.10	3.900	106	46.34	5.86	6.770
BR	12APR2002	C	2.50	4.380	104	44.78	6.70	7.430
BR	08JUL2002	A	0.10	0.730	185	51.09	36.00	6.030

BR	08JUL2002	A	2.30	1.660	124	51.86	11.68	28.050
BR	08JUL2002	B	0.10	0.460	171	50.95	39.50	0.680
BR	08JUL2002	B	2.00	1.370	116	48.71	17.36	24.200
BR	08JUL2002	C	0.10	0.310	166	49.21	39.00	0.050
BR	08JUL2002	C	2.50	0.750	123	44.28	19.06	13.110
BR	16OCT2002	A	0.10	2.760	108	26.63	5.92	20.530
BR	16OCT2002	A	2.70	2.290	94	14.29	4.30	8.160
BR	16OCT2002	B	0.10	2.970	123	26.30	6.33	21.270
BR	16OCT2002	B	1.80	1.970	86	17.66	4.68	14.530
BR	16OCT2002	C	0.10	2.210	97	20.50	5.01	17.020
BR	16OCT2002	C	2.10	2.560	93	20.38	5.11	15.300
BR	08JAN2003	A	0.10	1.085	168	49.00	3.90	4.370
BR	08JAN2003	A	2.90	1.265	168	49.08	5.62	4.390
BR	08JAN2003	B	0.10	1.000	168	50.97	3.53	4.115
BR	08JAN2003	B	1.50	1.015	167	26.97	4.08	4.035
BR	08JAN2003	C	0.10	0.810	174	51.92	3.93	3.685
BR	08JAN2003	C	1.40	0.950	187	51.14	3.67	3.820
BR	09APR2003	A	0.10	0.790	175	78.46	12.86	2.210
BR	09APR2003	A	2.90	0.690	171	77.25	11.07	3.200
BR	09APR2003	B	0.10	0.710	172	78.41	10.81	3.370
BR	09APR2003	B	1.30	0.760	153	78.98	9.86	2.980
BR	09APR2003	C	0.10	0.830	167	78.93	7.95	3.660
BR	09APR2003	C	1.50	1.000	166	79.92	7.29	3.340
BR	01JUL2003	A	0.10	0.790	175	78.46	10.42	2.210
BR	01JUL2003	A	2.90	0.690	171	77.25	3.09	3.200
BR	01JUL2003	B	0.10	0.710	172	78.41	12.58	3.370
BR	01JUL2003	B	2.50	0.760	153	78.98	3.02	2.980
BR	01JUL2003	C	0.10	0.830	167	78.93	9.59	3.660
BR	01JUL2003	C	2.40	1.000	166	79.92	3.66	3.340
BR	07OCT2003	A	0.10	3.535	191	22.58	7.91	6.805
BR	07OCT2003	A	2.80	3.020	111	20.07	6.12	34.930
BR	07OCT2003	B	0.10	3.180	200	18.76	9.96	5.335
BR	07OCT2003	B	2.40	2.290	110	11.83	10.26	18.130
BR	07OCT2003	C	0.10	2.855	195	17.22	10.50	3.645
BR	07OCT2003	C	3.20	1.535	89	7.210	9.64	6.850
BR	21JAN2004	A	0.10	3.990	142	32.22	9.45	7.300
BR	21JAN2004	A	2.40	4.035	153	31.03	9.77	7.220
BR	21JAN2004	B	0.10	4.130	132	31.27	7.75	8.430
BR	21JAN2004	B	2.70	4.005	162	30.88	10.22	7.340
BR	21JAN2004	C	0.10	3.940	149	30.41	7.98	7.460
BR	21JAN2004	C	1.70	3.700	153	30.44	9.25	6.735
BR	13APR2004	A	0.10	1.315	112	14.83	24.87	10.170
BR	13APR2004	A	2.60	1.190	118	16.24	27.88	9.975
BR	13APR2004	B	0.10	1.020	100	11.47	33.65	9.720
BR	13APR2004	B	2.40	1.335	104	9.250	35.67	10.045
BR	13APR2004	C	0.10	2.030	92	10.64	30.80	9.460
BR	13APR2004	C	1.30	1.010	93	11.23	33.42	9.455
BR	21JUL2004	A	0.10	1.655	175	24.07	4.96	3.950
BR	21JUL2004	A	2.70	1.610	153	21.66	5.90	7.120
BR	21JUL2004	B	0.10	1.735	183	25.39	6.72	3.415
BR	21JUL2004	B	2.20	1.670	171	25.48	6.32	5.740
BR	21JUL2004	C	0.10	1.990	196	30.86	6.42	3.695
BR	21JUL2004	C	1.40	1.980	197	29.45	7.09	3.580
BR	18OCT2004	A	0.10	4.560	121	56.38	2.66	8.230
BR	18OCT2004	A	2.00	5.870	110	58.27	2.24	8.275

BR	18OCT2004	B	0.10	4.565	117	58.86	2.78	8.460
BR	18OCT2004	B	1.50	4.355	124	54.09	2.13	11.995
BR	18OCT2004	C	0.10	3.960	129	55.50	4.70	8.325
BR	18OCT2004	C	1.00	4.395	139	58.35	5.17	8.600
BR	10JAN2005	A	0.10	1.130	187	48.06	2.35	1.830
BR	10JAN2005	A	3.70	1.310	188	48.53	2.95	2.140
BR	10JAN2005	B	0.10	1.160	187	46.79	4.02	2.050
BR	10JAN2005	B	3.40	1.380	191	48.14	4.35	2.360
BR	10JAN2005	C	0.10	1.240	189	46.58	2.36	2.030
BR	10JAN2005	C	2.30	1.280	183	47.45	2.84	2.050
BR	21APR2005	A	0.10	0.275	155	19.42	6.81	0.610
BR	21APR2005	A	2.70	0.410	168	18.42	9.26	4.145
BR	21APR2005	B	0.10	0.505	197	19.37	3.36	0.505
BR	21APR2005	B	2.50	0.320	146	15.44	3.33	6.480
BR	21APR2005	C	0.10	0.935	195	18.58	4.35	0.780
BR	21APR2005	C	1.80	0.580	191	14.15	5.36	3.705
BR	25JUL2005	A	0.10	1.520	70	12.66	2.53	0.215
BR	25JUL2005	A	2.70	3.040	48	21.78	1.56	26.620
BR	25JUL2005	B	0.10	1.350	61	16.80	3.55	0.345
BR	25JUL2005	B	2.50	1.795	58	19.89	1.89	5.670
BR	25JUL2005	C	0.10	1.875	73	22.07	3.77	0.550
BR	25JUL2005	C	1.50	1.640	60	14.37	3.09	0.855
RG	24OCT2000	A	0.10	4.432	149	0.000	66.64	0.826
RG	24OCT2000	A	0.38	4.504	145	0.000	58.88	0.802
RG	24OCT2000	B	0.10	6.486	169	0.000	33.45	0.841
RG	24OCT2000	B	0.28	6.558	156	0.000	33.19	0.817
RG	24OCT2000	C	0.10	6.630	178	0.000	17.96	0.778
RG	24OCT2000	C	0.32	6.651	181	0.000	17.17	0.960
RG	10JAN2001	A	0.10	8.820	188	37.24	50.11	0.700
RG	10JAN2001	A	0.80	9.240	198	37.48	55.96	0.480
RG	10JAN2001	B	0.10	6.480	183	23.58	37.65	1.030
RG	10JAN2001	B	0.75	6.860	178	22.37	38.15	1.060
RG	25JAN2001	C	0.10	6.860	183	23.58	20.35	1.060
RG	25JAN2001	C	0.64	6.860	178	22.37	21.11	1.060
RG	14APR2001	A	0.10	6.150	44	0.790	40.57	74.840
RG	14APR2001	A	0.80	5.890	38	0.850	36.76	0.660
RG	14APR2001	B	0.10	6.590	41	0.830	37.26	1.030
RG	14APR2001	B	0.75	6.660	48	0.880	33.58	0.790
RG	14APR2001	C	0.10	5.430	112	0.980	37.01	0.610
RG	14APR2001	C	0.64	5.190	111	0.860	37.65	0.560
RG	07JUL2001	A	0.10	5.190	64	0.540	13.56	0.390
RG	07JUL2001	A	0.65	5.420	104	0.560	14.73	0.350
RG	07JUL2001	B	0.10	5.180	99	0.590	17.25	0.560
RG	07JUL2001	B	0.61	5.300	81	0.580	17.32	0.400
RG	07JUL2001	C	0.10	5.100	158	0.640	25.84	0.310
RG	07JUL2001	C	0.60	0.320	0	0.320	27.12	0.320
RG	20OCT2001	A	0.10	8.500	63	0.840	9.77	1.120
RG	20OCT2001	A	0.70	7.900	58	0.870	9.16	1.080
RG	20OCT2001	B	0.10	7.910	47	1.330	3.84	1.410
RG	20OCT2001	B	0.70	8.340	63	1.030	5.62	1.250
RG	20OCT2001	C	0.10	3.630	49	0.850	27.47	0.950
RG	20OCT2001	C	0.57	3.750	52	0.810	27.17	0.980
RG	21JAN2002	A	0.10	10.28	81	32.90	35.48	13.590
RG	21JAN2002	A	0.62	9.790	74	31.59	26.43	5.940
RG	21JAN2002	B	0.10	8.390	75	29.32	32.77	3.970

RG	21JAN2002	B	0.54	8.370	91	30.70	39.00	4.360
RG	21JAN2002	C	0.10	4.130	116	1.750	42.43	0.690
RG	21JAN2002	C	0.50	3.680	114	1.110	45.53	1.100
RG	13APR2002	A	0.10	9.650	65	1.030	13.25	0.470
RG	13APR2002	A	0.65	9.500	64	0.970	16.24	0.410
RG	13APR2002	B	0.10	7.400	79	0.420	10.32	28.370
RG	13APR2002	B	0.61	7.230	72	1.000	13.08	4.980
RG	13APR2002	C	0.10	5.760	181	0.820	14.74	0.390
RG	13APR2002	C	0.59	5.270	162	1.930	15.34	64.340
RG	09JUL2002	A	0.10	13.43	346	0.620	7.58	0.720
RG	09JUL2002	A	0.60	13.20	354	0.670	7.39	0.450
RG	09JUL2002	B	0.10	12.97	354	0.780	10.54	9.470
RG	09JUL2002	B	0.60	13.54	342	0.690	11.42	6.440
RG	09JUL2002	D	0.10	11.53	344	0.750	13.25	83.290
RG	09JUL2002	D	0.50	11.69	320	0.570	9.70	10.980
RG	19OCT2002	A	0.10	7.850	230	0.640	5.55	1.330
RG	19OCT2002	A	0.97	7.770	233	0.360	5.44	0.880
RG	19OCT2002	B	0.10	5.870	176	0.490	5.90	0.940
RG	19OCT2002	B	0.77	5.900	181	0.510	5.15	0.970
RG	19OCT2002	D	0.10	.	.	.	13.68	.
RG	19OCT2002	D	0.79	.	.	.	12.03	.
RG	23NOV2002	C	0.10	.	.	.	18.90	.
RG	23NOV2002	C	0.14	.	.	.	14.02	.
RG	23NOV2002	E	0.10	.	.	.	13.02	.
RG	23NOV2002	E	0.62	.	.	.	12.69	.
RG	10JAN2003	A	0.10	10.45	17	43.27	16.41	1.050
RG	10JAN2003	A	0.60	9.610	13	39.05	9.54	1.050
RG	10JAN2003	B	0.10	8.470	8	40.27	12.51	1.580
RG	10JAN2003	B	0.58	9.440	9	40.80	13.35	1.640
RG	10JAN2003	C	0.10	5.690	10	28.18	47.06	0.700
RG	10JAN2003	C	0.47	6.600	14	31.51	49.09	0.880
RG	10JAN2003	D	0.10	7.210	11	35.42	52.73	1.470
RG	10JAN2003	D	0.71	7.350	12	34.66	16.19	1.530
RG	10JAN2003	E	0.10	6.360	12	31.74	36.03	1.100
RG	10JAN2003	E	0.67	6.390	12	32.09	21.20	1.440
RG	05APR2003	A	0.10	10.22	84	0.850	13.23	0.790
RG	05APR2003	A	0.68	10.52	85	1.070	12.59	0.660
RG	05APR2003	B	0.10	9.570	76	0.820	11.24	0.730
RG	05APR2003	B	0.98	8.820	62	0.330	20.60	0.580
RG	05APR2003	C	0.10	8.730	67	0.510	6.64	0.820
RG	05APR2003	C	0.57	6.900	50	0.140	7.22	0.440
RG	05APR2003	D	0.10	6.840	48	0.150	3.28	0.460
RG	05APR2003	D	0.70	7.330	51	0.180	5.67	0.300
RG	05APR2003	E	0.10	5.870	63	0.260	2.85	0.680
RG	05APR2003	E	0.65	5.060	73	0.300	2.49	1.240
RG	11JUL2003	A	0.01	7.180	261	1.060	12.63	0.325
RG	11JUL2003	A	0.61	5.655	218	0.890	11.70	0.120
RG	11JUL2003	B	0.10	5.965	198	0.610	14.84	0.380
RG	11JUL2003	B	0.58	6.245	236	0.655	14.88	0.355
RG	11JUL2003	C	0.10	5.150	191	0.860	14.20	0.300
RG	11JUL2003	C	0.53	5.830	212	0.805	17.08	0.350
RG	11JUL2003	D	0.10	4.935	216	0.645	13.99	0.660
RG	11JUL2003	D	0.60	5.295	184	0.745	12.85	0.560
RG	11JUL2003	E	0.10	5.290	183	0.725	9.82	1.055
RG	11JUL2003	E	0.57	5.625	231	0.780	10.91	0.480

RG	17NOV2003	A	0.10	6.520	290	83.96	17.93	.
RG	17NOV2003	A	0.59	6.415	278	78.37	13.69	.
RG	17NOV2003	B	0.10	5.775	287	75.60	12.14	.
RG	17NOV2003	B	0.47	5.600	267	72.32	12.95	.
RG	17NOV2003	C	0.10	2.650	246	34.96	36.66	.
RG	17NOV2003	C	0.47	2.220	250	34.74	36.79	.
RG	17NOV2003	D	0.10	5.510	296	66.54	18.25	.
RG	17NOV2003	D	0.57	5.625	290	68.25	16.73	.
RG	17NOV2003	E	0.10	4.745	295	67.59	16.84	.
RG	17NOV2003	E	0.51	5.210	284	67.22	14.90	.
RG	05JAN2004	A	0.10	8.685	248	90.35	14.25	.
RG	05JAN2004	A	0.55	8.330	253	70.34	15.66	.
RG	05JAN2004	B	0.10	8.655	247	88.13	13.02	.
RG	05JAN2004	B	0.51	8.280	220	88.58	16.04	.
RG	05JAN2004	C	0.10	8.480	222	85.27	15.03	.
RG	05JAN2004	C	0.39	8.920	233	87.81	15.82	.
RG	05JAN2004	D	0.10	8.495	180	85.95	15.18	.
RG	05JAN2004	D	0.61	7.870	163	82.88	12.01	.
RG	05JAN2004	E	0.10	4.050	86	44.62	18.64	.
RG	05JAN2004	E	0.57	0.015	6	-.350	19.16	.
RG	09APR2004	A	0.10	7.070	174	54.31	47.51	3.490
RG	09APR2004	A	0.65	6.850	183	55.93	46.78	2.010
RG	10APR2004	B	0.10	6.710	180	48.45	63.00	2.850
RG	10APR2004	B	0.58	6.340	188	49.22	49.80	2.630
RG	10APR2004	C	0.10	5.740	157	38.98	59.55	4.060
RG	10APR2004	C	0.62	4.540	147	39.30	52.64	3.710
RG	10APR2004	D	0.10	6.600	153	39.60	34.30	4.150
RG	10APR2004	D	0.65	5.570	149	39.31	57.82	3.920
RG	10APR2004	E	0.10	5.610	165	42.66	67.96	3.370
RG	10APR2004	E	0.69	5.150	169	40.97	75.08	3.760
RG	07JUL2004	A	0.10	2.070	183	35.96	3.16	1.375
RG	07JUL2004	A	0.60	2.375	197	36.41	3.74	1.205
RG	07JUL2004	B	0.10	2.140	196	36.62	2.84	1.295
RG	07JUL2004	B	0.58	2.195	192	40.32	3.86	1.385
RG	07JUL2004	C	0.10	1.395	211	26.41	9.71	0.465
RG	07JUL2004	C	0.53	2.045	196	32.13	9.60	0.940
RG	07JUL2004	D	0.10	1.995	196	41.40	2.27	1.320
RG	07JUL2004	D	0.59	2.060	198	36.96	3.34	1.210
RG	07JUL2004	E	0.10	2.050	189	40.38	2.63	1.570
RG	07JUL2004	E	0.58	2.065	184	37.03	2.64	1.665
RG	23OCT2004	A	0.10	1.600	225	34.51	22.18	4.310
RG	23OCT2004	A	0.62	1.800	221	33.94	21.85	2.380
RG	23OCT2004	B	0.10	1.600	212	33.19	16.96	4.900
RG	23OCT2004	B	0.47	1.520	221	34.27	11.76	5.780
RG	23OCT2004	C	0.10	1.390	202	26.66	13.58	16.010
RG	23OCT2004	C	0.42	1.290	219	28.41	11.22	1.330
RG	23OCT2004	D	0.10	1.200	213	29.51	17.35	1.610
RG	23OCT2004	D	0.62	1.010	205	28.59	17.22	1.560
RG	23OCT2004	E	.	1.280	209	28.50	11.63	0.850
RG	23OCT2004	E	0.10	1.450	206	27.12	21.72	1.110
RG	05JAN2005	A	0.10	7.750	200	57.81	11.38	26.060
RG	05JAN2005	A	0.59	7.910	177	59.52	10.31	27.820
RG	05JAN2005	B	0.10	8.240	194	58.15	7.98	27.370
RG	05JAN2005	B	0.52	8.590	199	58.86	9.05	27.610
RG	05JAN2005	C	0.10	7.960	163	57.95	6.38	27.260

RG	05JAN2005	C	0.49	7.200	182	57.52	8.84	25.070
RG	05JAN2005	D	0.10	7.200	188	59.59	8.14	28.190
RG	05JAN2005	D	0.64	7.530	186	58.77	6.65	26.520
RG	05JAN2005	E	0.10	8.710	189	60.84	13.04	27.540
RG	05JAN2005	E	0.58	8.670	186	60.70	11.25	25.850
RG	09APR2005	A	0.10	1.710	223	28.38	26.59	1.360
RG	09APR2005	A	0.73	1.960	226	28.72	31.45	3.430
RG	09APR2005	B	0.10	2.570	199	29.30	25.89	7.760
RG	09APR2005	B	0.48	2.980	213	32.32	27.78	8.000
RG	09APR2005	C	0.10	1.990	206	15.82	21.34	2.360
RG	09APR2005	C	0.40	2.080	201	15.70	27.03	2.180
RG	09APR2005	D	0.10	1.670	183	15.49	22.48	7.490
RG	09APR2005	D	0.60	1.430	181	12.95	27.19	7.250
RG	09APR2005	E	0.10	1.340	176	7.440	36.79	1.700
RG	09APR2005	E	0.57	1.410	177	8.570	37.43	1.450
RG	06AUG2005	A	0.10	4.265	169	26.44	13.88	3.110
RG	06AUG2005	A	0.72	4.940	197	24.92	12.15	3.945
RG	06AUG2005	B	0.10	4.325	186	22.79	17.62	3.085
RG	06AUG2005	B	0.56	7.465	187	23.51	15.36	3.295
RG	06AUG2005	C	0.10	6.895	168	22.24	21.18	1.830
RG	06AUG2005	C	0.35	5.870	187	24.21	27.35	1.780
RG	06AUG2005	D	0.10	4.160	169	17.02	23.07	2.180
RG	06AUG2005	D	0.58	3.925	170	18.61	26.38	2.455
RG	06AUG2005	E	0.10	4.540	192	21.69	20.60	2.555
RG	06AUG2005	E	0.66	4.000	173	18.08	22.64	2.610
SB	16OCT2002	A	0.10	7.620	194	14.75	4.63	31.500
SB	16OCT2002	A	1.55	6.790	152	14.41	2.93	29.630
SB	16OCT2002	B	0.10	6.100	156	11.81	4.07	29.860
SB	16OCT2002	B	1.10	5.450	143	9.970	3.66	28.520
SB	08JAN2003	A	0.10	1.300	140	14.92	3.14	5.280
SB	08JAN2003	A	1.09	1.265	133	14.72	3.01	5.445
SB	08JAN2003	B	0.10	1.365	158	24.43	3.50	6.555
SB	08JAN2003	B	1.50	1.220	122	25.08	3.18	6.900
SB	09APR2003	A	0.10	0.540	114	11.99	22.50	0.720
SB	09APR2003	A	2.00	0.550	107	12.75	17.04	0.700
SB	09APR2003	B	0.10	0.410	82	13.91	13.38	1.640
SB	09APR2003	B	1.70	0.420	82	14.22	14.82	1.820
SB	01JUL2003	A	0.10	0.460	41	1.825	10.93	0.995
SB	01JUL2003	A	1.70	0.500	42	2.545	7.15	3.790
SB	01JUL2003	B	0.10	0.960	79	0.405	6.32	1.340
SB	01JUL2003	B	1.80	1.175	77	7.465	7.65	7.785
SB	07OCT2003	A	0.10	5.290	238	16.98	7.36	4.925
SB	07OCT2003	A	1.40	5.225	240	16.24	6.82	5.375
SB	07OCT2003	B	0.10	2.200	125	6.115	10.20	4.230
SB	07OCT2003	B	1.50	1.560	93	3.500	10.65	5.595
SB	20JAN2004	A	0.10	4.765	158	51.67	3.43	3.715
SB	20JAN2004	A	2.30	4.900	189	48.29	2.73	3.670
SB	20JAN2004	B	0.10	3.055	139	31.22	4.45	4.640
SB	20JAN2004	B	1.90	1.830	61	13.70	18.10	4.465
SB	13APR2004	A	0.10	4.795	140	49.22	1.66	11.830
SB	13APR2004	A	1.20	4.870	141	47.66	2.22	12.320
SB	13APR2004	B	0.10	3.675	107	38.68	7.68	14.525
SB	13APR2004	B	0.80	3.740	119	39.18	11.80	12.385
SB	21JUL2004	A	0.10	3.095	203	1.655	16.96	0.340
SB	21JUL2004	A	0.10	2.770	181	1.985	12.27	1.185

SB	21JUL2004	B	0.10	0.335	82	9.775	8.30	0.565
SB	21JUL2004	B	0.90	0.605	79	9.475	11.08	0.870
SB	18OCT2004	A	0.10	4.835	132	22.30	4.60	4.850
SB	18OCT2004	A	0.80	5.385	195	23.21	4.41	4.860
SB	18OCT2004	B	0.10	3.045	109	13.17	6.56	5.115
SB	18OCT2004	B	1.00	2.805	103	10.89	3.77	5.685
SB	10JAN2005	A	0.10	2.410	165	7.630	6.69	1.550
SB	10JAN2005	A	1.20	2.280	165	7.430	1.38	1.380
SB	10JAN2005	B	0.10	1.020	64	8.930	4.65	0.940
SB	10JAN2005	B	1.80	0.950	69	7.000	4.92	1.960
SB	21APR2005	A	0.10	0.680	84	28.71	2.83	0.320
SB	21APR2005	A	1.30	0.810	92	27.50	1.76	0.730
SB	21APR2005	B	0.10	0.285	86	24.82	2.41	0.000
SB	21APR2005	B	1.80	0.430	88	22.04	2.93	0.445
SB	25JUL2005	A	0.10	5.080	102	7.185	0.77	2.995
SB	25JUL2005	A	1.00	4.785	88	7.195	0.50	6.480
SB	25JUL2005	B	0.10	4.245	62	5.460	0.48	3.040
SB	25JUL2005	B	1.60	3.550	58	4.890	0.51	5.645
CL	16OCT2002	A	0.35	5.410	147	12.26	3.38	24.190
CL	16OCT2002	B	0.37	4.000	134	9.800	3.25	13.570
CL	08JAN2003	A	0.23	0.695	52	1.395	7.64	2.310
CL	08JAN2003	B	0.22	0.990	86	3.110	4.36	2.840
CL	09APR2003	A	0.10	0.500	33	1.350	6.11	1.450
CL	09APR2003	B	0.10	0.640	64	14.00	5.77	3.360
CL	01JUL2003	A	0.10	0.685	65	6.215	9.11	6.030
CL	01JUL2003	B	0.10	0.530	66	6.080	5.43	4.015
CL	07OCT2003	A	0.45	.	.	.	6.34	.
CL	07OCT2003	B	0.50	.	.	.	7.57	.
CL	20JAN2004	A	0.25	1.535	58	9.030	5.47	2.515
CL	20JAN2004	B	0.30	2.500	119	30.45	3.38	3.555
CL	13APR2004	A	0.10	1.070	62	0.900	9.25	3.570
CL	13APR2004	B	0.10	1.020	55	5.495	8.58	14.635
CL	21JUL2004	A	0.10	2.130	129	8.260	6.28	4.040
CL	21JUL2004	B	0.10	2.210	141	1.845	8.09	0.540
CL	18OCT2004	A	0.10	1.485	35	2.480	5.64	4.085
CL	18OCT2004	B	0.10	1.440	42	2.770	7.69	4.830
CL	10JAN2005	A	0.10	0.830	53	1.020	1.23	0.890
CL	10JAN2005	B	0.10	0.850	47	1.370	2.70	0.830
CL	21APR2005	A	0.10	0.730	95	2.590	0.66	1.765
CL	21APR2005	B	0.10	1.035	107	3.445	1.32	0.435
CL	25JUL2005	A	0.10	2.380	38	4.330	0.87	5.160
CL	25JUL2005	B	0.10	0.960	43	1.405	0.95	1.140

Macrofaunal Abundance and Biomass

Appendix 3. Taxa abundance and biomass data for all samples. Abbreviations: Bay (Christmas Bay = CB, Brazos River = BR, Rio Grande = RG, San Bernard River = SB, CL = Cedar Lakes), REP = replicate, n = number of individuals. Core area is 35.3 cm², multiply by 283 to obtain n or mg per m².

Bay	Date	Station	REP	Taxa	n /core	mg/core
BR	18OCT2000	A	1	Polychaeta	41	2.17
BR	18OCT2000	A	2	Polychaeta	41	3.27
BR	18OCT2000	A	3	Polychaeta	11	1.44
BR	18OCT2000	B	1	Polychaeta	16	6.55
BR	18OCT2000	B	2	Mollusca	1	0.03
BR	18OCT2000	B	2	Polychaeta	16	0.39
BR	18OCT2000	B	3	Polychaeta	14	0.41
BR	18OCT2000	C	1	Polychaeta	6	0.55
BR	18OCT2000	C	2	Polychaeta	5	2.43
BR	18OCT2000	C	3	Polychaeta	4	1.00
BR	10JAN2001	A	1	Polychaeta	13	3.50
BR	10JAN2001	A	2	Other	1	0.10
BR	10JAN2001	A	2	Polychaeta	10	2.50
BR	10JAN2001	A	3	Polychaeta	12	1.10
BR	10JAN2001	B	1	Polychaeta	19	1.40
BR	10JAN2001	B	2	Polychaeta	22	1.73
BR	10JAN2001	B	3	Polychaeta	36	2.00
BR	10JAN2001	C	1	Rhynchocoela	1	0.07
BR	10JAN2001	C	1	Polychaeta	14	3.35
BR	10JAN2001	C	2	Polychaeta	12	4.97
BR	10JAN2001	C	3	Polychaeta	12	2.03
BR	10APR2001	A	1	Crustacea	1	0.03
BR	10APR2001	A	1	Chironomid larvae	1	0.29
BR	10APR2001	A	1	Polychaeta	14	6.49
BR	10APR2001	A	2	Chironomid larvae	1	0.01
BR	10APR2001	A	2	Polychaeta	10	0.52
BR	10APR2001	A	3	Rhynchocoela	2	2.83
BR	10APR2001	A	3	Polychaeta	11	1.71
BR	10APR2001	B	1	Chironomid larvae	2	0.02
BR	10APR2001	B	1	Polychaeta	28	6.39
BR	10APR2001	B	2	Chironomid larvae	1	0.07
BR	10APR2001	B	2	Polychaeta	33	5.50
BR	10APR2001	B	3	Polychaeta	34	4.31
BR	10APR2001	C	1	Polychaeta	12	13.89
BR	10APR2001	C	2	Polychaeta	7	2.73
BR	10APR2001	C	3	Polychaeta	33	10.81
BR	11JUL2001	A	1	Polychaeta	5	0.34
BR	11JUL2001	A	2	Polychaeta	3	0.35
BR	11JUL2001	A	3	Polychaeta	3	0.67
BR	11JUL2001	B	1	Crustacea	1	0.03
BR	11JUL2001	B	1	Rhynchocoela	4	0.18
BR	11JUL2001	B	1	Polychaeta	20	2.13
BR	11JUL2001	B	2	Polychaeta	18	2.85
BR	11JUL2001	B	3	Crustacea	1	0.26

BR	11JUL2001	B	3	Polychaeta	10	2.29
BR	11JUL2001	C	1	Polychaeta	30	1.74
BR	11JUL2001	C	2	Crustacea	1	0.27
BR	11JUL2001	C	2	Polychaeta	13	3.64
BR	11JUL2001	C	3	Polychaeta	24	6.20
BR	12OCT2001	A	1	Polychaeta	12	0.99
BR	12OCT2001	A	2	Crustacea	1	6.12
BR	12OCT2001	A	2	Mollusca	2	0.18
BR	12OCT2001	A	2	Rhynchozoela	3	0.11
BR	12OCT2001	A	2	Polychaeta	9	0.85
BR	12OCT2001	A	3	Crustacea	2	0.32
BR	12OCT2001	A	3	Polychaeta	16	0.42
BR	12OCT2001	B	1	Crustacea	1	4.14
BR	12OCT2001	B	1	Rhynchozoela	1	0.02
BR	12OCT2001	B	1	Polychaeta	15	1.35
BR	12OCT2001	B	2	Rhynchozoela	1	0.01
BR	12OCT2001	B	2	Polychaeta	5	0.88
BR	12OCT2001	B	3	Mollusca	2	0.19
BR	12OCT2001	B	3	Rhynchozoela	1	0.04
BR	12OCT2001	B	3	Polychaeta	9	0.85
BR	12OCT2001	C	1	Rhynchozoela	1	1.04
BR	12OCT2001	C	1	Polychaeta	58	5.24
BR	12OCT2001	C	2	Polychaeta	29	4.52
BR	12OCT2001	C	3	Polychaeta	17	2.66
BR	08JAN2002	A	1	Chironomid larvae	1	0.10
BR	08JAN2002	A	1	Rhynchozoela	1	0.10
BR	08JAN2002	A	1	Polychaeta	0	0.00
BR	08JAN2002	A	2	Other	1	0.01
BR	08JAN2002	A	2	Polychaeta	5	0.20
BR	08JAN2002	A	3	Rhynchozoela	2	0.47
BR	08JAN2002	A	3	Polychaeta	6	0.86
BR	08JAN2002	B	1	Rhynchozoela	1	0.46
BR	08JAN2002	B	1	Polychaeta	2	0.39
BR	08JAN2002	B	2	Rhynchozoela	1	0.51
BR	08JAN2002	B	2	Polychaeta	4	0.58
BR	08JAN2002	B	3	Rhynchozoela	2	0.24
BR	08JAN2002	B	3	Polychaeta	14	0.57
BR	08JAN2002	C	1	Polychaeta	71	3.88
BR	08JAN2002	C	2	Polychaeta	17	2.51
BR	08JAN2002	C	3	Polychaeta	2	0.53
BR	12APR2002	A	1	Polychaeta	14	2.02
BR	12APR2002	A	2	Hemicordata	1	0.01
BR	12APR2002	A	2	Polychaeta	19	1.80
BR	12APR2002	A	3	Chironomid larvae	2	0.18
BR	12APR2002	A	3	Polychaeta	15	1.27
BR	12APR2002	B	1	Rhynchozoela	2	1.05
BR	12APR2002	B	1	Polychaeta	12	0.76
BR	12APR2002	B	2	Crustacea	2	13.82
BR	12APR2002	B	2	Chironomid larvae	1	0.04
BR	12APR2002	B	2	Polychaeta	49	2.62
BR	12APR2002	B	3	Crustacea	1	0.06
BR	12APR2002	B	3	Other	1	0.01
BR	12APR2002	B	3	Polychaeta	110	12.47
BR	12APR2002	C	1	Polychaeta	36	6.11
BR	12APR2002	C	2	Chironomid larvae	1	0.02

BR	12APR2002	C	2	Rhynchozoa	1	0.61
BR	12APR2002	C	2	Polychaeta	33	4.79
BR	12APR2002	C	3	Polychaeta	26	2.98
BR	08JUL2002	A	1	Polychaeta	6	0.72
BR	08JUL2002	A	2	Rhynchozoa	1	0.73
BR	08JUL2002	A	2	Polychaeta	3	0.02
BR	08JUL2002	A	3	Polychaeta	6	0.32
BR	08JUL2002	B	1	Rhynchozoa	2	0.13
BR	08JUL2002	B	1	Polychaeta	20	4.02
BR	08JUL2002	B	2	Rhynchozoa	1	0.15
BR	08JUL2002	B	2	Polychaeta	12	1.90
BR	08JUL2002	B	3	Rhynchozoa	1	0.06
BR	08JUL2002	B	3	Polychaeta	13	3.18
BR	08JUL2002	C	1	Polychaeta	34	5.98
BR	08JUL2002	C	2	Polychaeta	18	4.12
BR	08JUL2002	C	3	Rhynchozoa	1	0.05
BR	08JUL2002	C	3	Polychaeta	25	5.48
BR	16OCT2002	A	1	Crustacea	1	0.26
BR	16OCT2002	A	1	Rhynchozoa	1	0.07
BR	16OCT2002	A	1	Polychaeta	10	0.92
BR	16OCT2002	A	2	Polychaeta	10	1.02
BR	16OCT2002	A	3	Polychaeta	9	1.60
BR	16OCT2002	B	1	Rhynchozoa	1	0.08
BR	16OCT2002	B	1	Polychaeta	19	1.83
BR	16OCT2002	B	2	Rhynchozoa	1	0.11
BR	16OCT2002	B	2	Polychaeta	15	4.66
BR	16OCT2002	B	3	Polychaeta	32	2.39
BR	16OCT2002	C	1	Rhynchozoa	1	0.35
BR	16OCT2002	C	1	Polychaeta	26	4.83
BR	16OCT2002	C	2	Polychaeta	20	1.45
BR	16OCT2002	C	3	Polychaeta	62	5.81
BR	08JAN2003	A	1	Rhynchozoa	1	0.43
BR	08JAN2003	A	1	Polychaeta	10	3.26
BR	08JAN2003	A	2	Polychaeta	12	2.51
BR	08JAN2003	A	3	Rhynchozoa	2	1.74
BR	08JAN2003	A	3	Polychaeta	4	1.58
BR	08JAN2003	B	1	Polychaeta	11	0.60
BR	08JAN2003	B	2	Rhynchozoa	1	0.10
BR	08JAN2003	B	2	Polychaeta	10	1.09
BR	08JAN2003	B	3	Polychaeta	7	0.37
BR	08JAN2003	C	1	Polychaeta	15	2.92
BR	08JAN2003	C	2	Rhynchozoa	3	1.37
BR	08JAN2003	C	2	Polychaeta	17	1.97
BR	08JAN2003	C	3	Rhynchozoa	3	0.90
BR	08JAN2003	C	3	Polychaeta	10	14.80
BR	09APR2003	A	1	Rhynchozoa	1	0.10
BR	09APR2003	A	1	Polychaeta	13	0.58
BR	09APR2003	A	2	Rhynchozoa	1	0.53
BR	09APR2003	A	2	Polychaeta	4	0.43
BR	09APR2003	A	3	Polychaeta	4	0.38
BR	09APR2003	B	1	Polychaeta	6	0.69
BR	09APR2003	B	2	Polychaeta	2	0.25
BR	09APR2003	B	3	Rhynchozoa	1	0.10
BR	09APR2003	B	3	Polychaeta	2	0.71
BR	09APR2003	C	1	Polychaeta	5	0.59

BR	09APR2003	C	2	Rhynchozoa	1	0.10
BR	09APR2003	C	2	Polychaeta	17	2.29
BR	09APR2003	C	3	Polychaeta	6	0.59
BR	01JUL2003	A	1	Polychaeta	41	3.22
BR	01JUL2003	A	2	Polychaeta	22	3.27
BR	01JUL2003	A	3	Polychaeta	31	2.62
BR	01JUL2003	B	1	Polychaeta	36	3.58
BR	01JUL2003	B	2	Rhynchozoa	2	1.33
BR	01JUL2003	B	2	Polychaeta	19	2.31
BR	01JUL2003	B	3	Polychaeta	21	1.75
BR	01JUL2003	C	1	Rhynchozoa	1	0.74
BR	01JUL2003	C	1	Polychaeta	17	0.88
BR	01JUL2003	C	2	Crustacea	1	0.34
BR	01JUL2003	C	2	Rhynchozoa	1	0.13
BR	01JUL2003	C	2	Polychaeta	37	3.84
BR	01JUL2003	C	3	Crustacea	1	0.01
BR	01JUL2003	C	3	Rhynchozoa	1	0.15
BR	01JUL2003	C	3	Polychaeta	41	3.26
BR	07OCT2003	A	1	Polychaeta	39	3.00
BR	07OCT2003	A	2	Rhynchozoa	1	0.03
BR	07OCT2003	A	2	Polychaeta	13	1.15
BR	07OCT2003	A	3	Polychaeta	15	0.71
BR	07OCT2003	B	1	Crustacea	1	0.27
BR	07OCT2003	B	1	Rhynchozoa	4	0.11
BR	07OCT2003	B	1	Polychaeta	16	0.38
BR	07OCT2003	B	2	Rhynchozoa	1	0.19
BR	07OCT2003	B	2	Polychaeta	11	1.18
BR	07OCT2003	B	3	Rhynchozoa	2	1.04
BR	07OCT2003	B	3	Polychaeta	11	1.85
BR	07OCT2003	C	1	Mollusca	1	0.03
BR	07OCT2003	C	1	Rhynchozoa	1	0.49
BR	07OCT2003	C	1	Polychaeta	5	0.09
BR	07OCT2003	C	2	Rhynchozoa	3	0.26
BR	07OCT2003	C	2	Polychaeta	4	1.13
BR	07OCT2003	C	3	Rhynchozoa	1	0.01
BR	07OCT2003	C	3	Polychaeta	6	0.24
BR	21JAN2004	A	1	Polychaeta	20	4.48
BR	21JAN2004	A	2	Polychaeta	33	2.34
BR	21JAN2004	A	3	Polychaeta	21	1.07
BR	21JAN2004	B	1	Rhynchozoa	2	0.09
BR	21JAN2004	B	1	Polychaeta	9	2.94
BR	21JAN2004	B	2	Polychaeta	4	0.29
BR	21JAN2004	B	2	Sipunculida	5	0.22
BR	21JAN2004	B	3	Rhynchozoa	1	0.03
BR	21JAN2004	B	3	Polychaeta	7	2.28
BR	21JAN2004	B	3	Sipunculida	1	0.24
BR	21JAN2004	C	1	Rhynchozoa	1	0.05
BR	21JAN2004	C	1	Polychaeta	3	1.89
BR	21JAN2004	C	2	Rhynchozoa	1	0.07
BR	21JAN2004	C	2	Other	1	0.03
BR	21JAN2004	C	2	Polychaeta	5	0.57
BR	21JAN2004	C	3	Rhynchozoa	1	11.87
BR	21JAN2004	C	3	Polychaeta	9	2.79
BR	13APR2004	A	1	Polychaeta	32	8.53
BR	13APR2004	A	2	Chironomid larvae	1	0.54

BR	13APR2004	A	2	Polychaeta	5	0.47
BR	13APR2004	A	3	Polychaeta	6	1.18
BR	13APR2004	B	1	Polychaeta	5	0.55
BR	13APR2004	B	2	Polychaeta	8	1.12
BR	13APR2004	B	3	Polychaeta	5	0.88
BR	13APR2004	C	1	Polychaeta	13	3.21
BR	13APR2004	C	2	Polychaeta	11	3.34
BR	13APR2004	C	3	Crustacea	1	0.13
BR	13APR2004	C	3	Polychaeta	20	1.84
BR	21JUL2004	A	1	Polychaeta	5	0.82
BR	21JUL2004	A	2	Rhynchozoela	1	0.08
BR	21JUL2004	A	2	Polychaeta	3	0.39
BR	21JUL2004	A	3	Polychaeta	4	0.06
BR	21JUL2004	B	1	Rhynchozoela	1	0.03
BR	21JUL2004	B	1	Polychaeta	7	2.03
BR	21JUL2004	B	2	Rhynchozoela	2	0.56
BR	21JUL2004	B	2	Polychaeta	1	0.05
BR	21JUL2004	B	3	Polychaeta	8	0.68
BR	21JUL2004	C	1	Polychaeta	15	2.35
BR	21JUL2004	C	2	Polychaeta	11	0.86
BR	21JUL2004	C	3	Polychaeta	3	0.34
BR	18OCT2004	A	1	Rhynchozoela	1	0.34
BR	18OCT2004	A	1	Polychaeta	23	2.40
BR	18OCT2004	A	2	Polychaeta	26	2.38
BR	18OCT2004	A	3	Rhynchozoela	3	1.33
BR	18OCT2004	A	3	Polychaeta	86	6.18
BR	18OCT2004	B	1	Rhynchozoela	1	0.01
BR	18OCT2004	B	1	Polychaeta	30	2.39
BR	18OCT2004	B	2	Rhynchozoela	3	0.12
BR	18OCT2004	B	2	Polychaeta	27	1.39
BR	18OCT2004	B	3	Polychaeta	18	4.06
BR	18OCT2004	C	1	Crustacea	1	0.01
BR	18OCT2004	C	1	Rhynchozoela	3	0.22
BR	18OCT2004	C	1	Polychaeta	53	3.29
BR	18OCT2004	C	2	Rhynchozoela	1	0.06
BR	18OCT2004	C	2	Polychaeta	30	1.15
BR	18OCT2004	C	3	Mollusca	1	7.45
BR	18OCT2004	C	3	Polychaeta	11	1.10
BR	10JAN2005	A	1	Rhynchozoela	1	0.47
BR	10JAN2005	A	1	Polychaeta	15	3.32
BR	10JAN2005	A	2	Rhynchozoela	1	0.24
BR	10JAN2005	A	2	Polychaeta	19	2.40
BR	10JAN2005	A	3	Polychaeta	15	1.27
BR	10JAN2005	B	1	Rhynchozoela	2	1.14
BR	10JAN2005	B	1	Polychaeta	2	0.18
BR	10JAN2005	B	2	Rhynchozoela	1	0.06
BR	10JAN2005	B	2	Polychaeta	5	0.65
BR	10JAN2005	B	3	Rhynchozoela	1	0.21
BR	10JAN2005	B	3	Polychaeta	4	1.02
BR	10JAN2005	C	1	Polychaeta	19	5.86
BR	10JAN2005	C	2	Rhynchozoela	1	0.72
BR	10JAN2005	C	2	Polychaeta	11	1.04
BR	10JAN2005	C	3	Rhynchozoela	1	0.02
BR	10JAN2005	C	3	Polychaeta	8	0.71
BR	21APR2005	A	1	Rhynchozoela	1	0.41

BR	21APR2005	A	1	Polychaeta	20	2.11
BR	21APR2005	A	2	Polychaeta	19	2.28
BR	21APR2005	A	3	Polychaeta	6	0.19
BR	21APR2005	B	1	Polychaeta	6	0.52
BR	21APR2005	B	2	Polychaeta	3	0.12
BR	21APR2005	B	3	Chironomid larvae	1	0.01
BR	21APR2005	B	3	Polychaeta	15	0.76
BR	21APR2005	C	1	Crustacea	1	0.52
BR	21APR2005	C	1	Polychaeta	47	4.69
BR	21APR2005	C	2	Polychaeta	23	2.96
BR	21APR2005	C	3	Rhynchocoela	1	0.47
BR	21APR2005	C	3	Polychaeta	32	6.29
BR	25JUL2005	A	1	Rhynchocoela	1	0.13
BR	25JUL2005	A	1	Polychaeta	19	1.68
BR	25JUL2005	A	2	Polychaeta	15	0.77
BR	25JUL2005	A	3	Polychaeta	11	1.43
BR	25JUL2005	B	1	Polychaeta	8	4.20
BR	25JUL2005	B	2	Rhynchocoela	1	0.35
BR	25JUL2005	B	2	Polychaeta	13	2.67
BR	25JUL2005	B	3	Crustacea	1	0.48
BR	25JUL2005	B	3	Mollusca	1	4.42
BR	25JUL2005	B	3	Rhynchocoela	1	0.56
BR	25JUL2005	B	3	Polychaeta	15	1.44
BR	25JUL2005	C	1	Polychaeta	45	7.61
BR	25JUL2005	C	2	Polychaeta	46	10.19
BR	25JUL2005	C	3	Polychaeta	19	2.68
RG	24OCT2000	A	1	Chironomid larvae	3	0.30
RG	24OCT2000	A	1	Mollusca	5	19.26
RG	24OCT2000	A	1	Rhynchocoela	6	0.64
RG	24OCT2000	A	1	Polychaeta	28	2.79
RG	24OCT2000	A	2	Chironomid larvae	3	0.27
RG	24OCT2000	A	2	Mollusca	5	0.67
RG	24OCT2000	A	2	Rhynchocoela	6	0.71
RG	24OCT2000	A	2	Polychaeta	50	4.02
RG	24OCT2000	A	3	Chironomid larvae	2	0.17
RG	24OCT2000	A	3	Mollusca	5	0.28
RG	24OCT2000	A	3	Rhynchocoela	7	0.43
RG	24OCT2000	A	3	Polychaeta	50	4.18
RG	24OCT2000	B	1	Mollusca	3	49.50
RG	24OCT2000	B	1	Rhynchocoela	1	0.04
RG	24OCT2000	B	1	Polychaeta	16	1.49
RG	24OCT2000	B	2	Chironomid larvae	4	0.18
RG	24OCT2000	B	2	Mollusca	1	13.46
RG	24OCT2000	B	2	Rhynchocoela	1	0.06
RG	24OCT2000	B	2	Polychaeta	27	3.10
RG	24OCT2000	B	3	Mollusca	5	70.37
RG	24OCT2000	B	3	Rhynchocoela	5	0.18
RG	24OCT2000	B	3	Polychaeta	12	1.72
RG	24OCT2000	C	1	Crustacea	1	0.62
RG	24OCT2000	C	1	Rhynchocoela	2	0.97
RG	24OCT2000	C	1	Polychaeta	18	0.28
RG	24OCT2000	C	2	Crustacea	1	0.15
RG	24OCT2000	C	2	Rhynchocoela	2	0.27
RG	24OCT2000	C	2	Polychaeta	114	2.21
RG	24OCT2000	C	3	Mollusca	1	0.64

RG	24OCT2000	C	3	Polychaeta	2	0.20
RG	10JAN2001	A	1	Chironomid larvae	7	0.32
RG	10JAN2001	A	1	Mollusca	6	1.27
RG	10JAN2001	A	1	Rhynchocoela	2	0.14
RG	10JAN2001	A	1	Polychaeta	48	2.44
RG	10JAN2001	A	2	Chironomid larvae	5	0.28
RG	10JAN2001	A	2	Mollusca	6	1.55
RG	10JAN2001	A	2	Rhynchocoela	3	0.81
RG	10JAN2001	A	2	Polychaeta	39	3.34
RG	10JAN2001	A	3	Chironomid larvae	11	0.51
RG	10JAN2001	A	3	Mollusca	5	2.37
RG	10JAN2001	A	3	Rhynchocoela	4	0.56
RG	10JAN2001	A	3	Polychaeta	53	2.61
RG	10JAN2001	B	1	Chironomid larvae	8	0.39
RG	10JAN2001	B	1	Mollusca	1	33.78
RG	10JAN2001	B	1	Rhynchocoela	5	0.52
RG	10JAN2001	B	1	Polychaeta	33	2.36
RG	10JAN2001	B	2	Chironomid larvae	2	0.11
RG	10JAN2001	B	2	Mollusca	4	65.69
RG	10JAN2001	B	2	Rhynchocoela	1	0.01
RG	10JAN2001	B	2	Polychaeta	26	3.18
RG	10JAN2001	B	3	Chironomid larvae	3	0.22
RG	10JAN2001	B	3	Mollusca	3	0.35
RG	10JAN2001	B	3	Rhynchocoela	2	0.38
RG	10JAN2001	B	3	Polychaeta	20	1.44
RG	10JAN2001	C	1	Chironomid larvae	4	0.35
RG	10JAN2001	C	1	Mollusca	7	1.56
RG	10JAN2001	C	1	Rhynchocoela	1	0.16
RG	10JAN2001	C	1	Polychaeta	60	8.04
RG	10JAN2001	C	2	Crustacea	3	0.22
RG	10JAN2001	C	2	Chironomid larvae	2	0.49
RG	10JAN2001	C	2	Mollusca	7	2.80
RG	10JAN2001	C	2	Rhynchocoela	4	0.96
RG	10JAN2001	C	2	Polychaeta	75	8.08
RG	10JAN2001	C	3	Crustacea	1	0.03
RG	10JAN2001	C	3	Chironomid larvae	3	0.40
RG	10JAN2001	C	3	Mollusca	8	1.04
RG	10JAN2001	C	3	Rhynchocoela	3	1.03
RG	10JAN2001	C	3	Polychaeta	56	3.67
RG	14APR2001	A	1	Chironomid larvae	23	1.19
RG	14APR2001	A	1	Mollusca	1	0.06
RG	14APR2001	A	1	Polychaeta	28	2.60
RG	14APR2001	A	2	Crustacea	1	0.06
RG	14APR2001	A	2	Chironomid larvae	34	1.34
RG	14APR2001	A	2	Polychaeta	27	3.02
RG	14APR2001	A	3	Chironomid larvae	31	1.47
RG	14APR2001	A	3	Rhynchocoela	4	1.19
RG	14APR2001	A	3	Polychaeta	44	4.61
RG	14APR2001	B	1	Chironomid larvae	17	4.25
RG	14APR2001	B	1	Mollusca	1	0.78
RG	14APR2001	B	1	Polychaeta	16	1.50
RG	14APR2001	B	2	Chironomid larvae	27	2.42
RG	14APR2001	B	2	Polychaeta	30	2.40
RG	14APR2001	B	3	Chironomid larvae	15	1.13
RG	14APR2001	B	3	Mollusca	1	0.13

RG	14APR2001	B	3	Rhynchocoela	2	0.43
RG	14APR2001	B	3	Polychaeta	20	2.16
RG	14APR2001	C	1	Chironomid larvae	20	4.57
RG	14APR2001	C	1	Mollusca	2	23.91
RG	14APR2001	C	1	Rhynchocoela	2	0.66
RG	14APR2001	C	1	Polychaeta	66	5.38
RG	14APR2001	C	2	Chironomid larvae	12	1.26
RG	14APR2001	C	2	Mollusca	3	2.62
RG	14APR2001	C	2	Rhynchocoela	1	0.31
RG	14APR2001	C	2	Polychaeta	36	1.77
RG	14APR2001	C	3	Chironomid larvae	19	1.47
RG	14APR2001	C	3	Mollusca	2	24.81
RG	14APR2001	C	3	Rhynchocoela	1	0.51
RG	14APR2001	C	3	Polychaeta	30	2.45
RG	07JUL2001	A	1	Chironomid larvae	12	0.23
RG	07JUL2001	A	1	Mollusca	1	0.23
RG	07JUL2001	A	1	Rhynchocoela	2	1.50
RG	07JUL2001	A	1	Polychaeta	37	1.57
RG	07JUL2001	A	2	Chironomid larvae	3	0.49
RG	07JUL2001	A	2	Mollusca	1	0.21
RG	07JUL2001	A	2	Polychaeta	24	1.79
RG	07JUL2001	A	3	Chironomid larvae	2	0.04
RG	07JUL2001	A	3	Mollusca	1	2.48
RG	07JUL2001	A	3	Polychaeta	8	1.60
RG	07JUL2001	B	1	Chironomid larvae	4	0.15
RG	07JUL2001	B	1	Polychaeta	19	1.42
RG	07JUL2001	B	2	Chironomid larvae	4	0.11
RG	07JUL2001	B	2	Mollusca	1	28.73
RG	07JUL2001	B	2	Polychaeta	16	1.20
RG	07JUL2001	B	3	Chironomid larvae	6	0.40
RG	07JUL2001	B	3	Mollusca	3	84.24
RG	07JUL2001	B	3	Polychaeta	14	1.15
RG	07JUL2001	C	1	Chironomid larvae	5	3.04
RG	07JUL2001	C	1	Polychaeta	7	0.34
RG	07JUL2001	C	2	Chironomid larvae	1	2.08
RG	07JUL2001	C	2	Rhynchocoela	1	0.20
RG	07JUL2001	C	2	Polychaeta	1	0.07
RG	07JUL2001	C	3	Chironomid larvae	4	0.36
RG	07JUL2001	C	3	Rhynchocoela	1	1.64
RG	07JUL2001	C	3	Other	1	0.01
RG	07JUL2001	C	3	Polychaeta	3	2.92
RG	20OCT2001	A	1	Chironomid larvae	6	0.13
RG	20OCT2001	A	1	Mollusca	2	29.25
RG	20OCT2001	A	1	Rhynchocoela	1	0.43
RG	20OCT2001	A	1	Polychaeta	26	0.54
RG	20OCT2001	A	2	Chironomid larvae	2	0.13
RG	20OCT2001	A	2	Rhynchocoela	1	0.85
RG	20OCT2001	A	2	Polychaeta	46	3.66
RG	20OCT2001	A	3	Chironomid larvae	4	0.08
RG	20OCT2001	A	3	Rhynchocoela	1	0.02
RG	20OCT2001	A	3	Polychaeta	36	0.59
RG	20OCT2001	B	1	Chironomid larvae	5	0.36
RG	20OCT2001	B	1	Rhynchocoela	1	0.08
RG	20OCT2001	B	1	Polychaeta	15	1.11
RG	20OCT2001	B	2	Chironomid larvae	4	0.14

RG	20OCT2001	B	2	Mollusca	2	40.75
RG	20OCT2001	B	2	Rhynchozoa	3	0.69
RG	20OCT2001	B	2	Polychaeta	16	1.64
RG	20OCT2001	B	3	Chironomid larvae	2	0.23
RG	20OCT2001	B	3	Mollusca	1	32.87
RG	20OCT2001	B	3	Rhynchozoa	1	0.08
RG	20OCT2001	B	3	Polychaeta	17	0.78
RG	20OCT2001	C	1	Chironomid larvae	1	0.01
RG	20OCT2001	C	1	Rhynchozoa	1	0.19
RG	20OCT2001	C	1	Polychaeta	9	1.68
RG	20OCT2001	C	2	Chironomid larvae	1	0.02
RG	20OCT2001	C	2	Polychaeta	9	8.15
RG	20OCT2001	C	3	Chironomid larvae	1	0.20
RG	20OCT2001	C	3	Rhynchozoa	1	0.41
RG	20OCT2001	C	3	Polychaeta	10	1.48
RG	21JAN2002	A	1	Chironomid larvae	5	0.73
RG	21JAN2002	A	1	Mollusca	1	13.30
RG	21JAN2002	A	1	Rhynchozoa	2	2.13
RG	21JAN2002	A	1	Polychaeta	17	0.59
RG	21JAN2002	A	2	Chironomid larvae	5	1.31
RG	21JAN2002	A	2	Polychaeta	10	0.19
RG	21JAN2002	A	3	Rhynchozoa	2	1.74
RG	21JAN2002	A	3	Polychaeta	2	0.02
RG	21JAN2002	B	1	Chironomid larvae	39	2.78
RG	21JAN2002	B	1	Rhynchozoa	1	0.22
RG	21JAN2002	B	1	Polychaeta	89	3.99
RG	21JAN2002	B	2	Chironomid larvae	26	2.49
RG	21JAN2002	B	2	Rhynchozoa	1	0.07
RG	21JAN2002	B	2	Polychaeta	47	4.03
RG	21JAN2002	B	3	Crustacea	1	0.18
RG	21JAN2002	B	3	Chironomid larvae	14	1.05
RG	21JAN2002	B	3	Rhynchozoa	1	0.34
RG	21JAN2002	B	3	Polychaeta	42	1.59
RG	21JAN2002	C	1	Chironomid larvae	61	4.04
RG	21JAN2002	C	1	Rhynchozoa	2	0.22
RG	21JAN2002	C	1	Polychaeta	33	1.85
RG	21JAN2002	C	2	Chironomid larvae	37	2.90
RG	21JAN2002	C	2	Rhynchozoa	3	0.60
RG	21JAN2002	C	2	Polychaeta	26	1.39
RG	21JAN2002	C	3	Crustacea	1	0.17
RG	21JAN2002	C	3	Chironomid larvae	11	1.05
RG	21JAN2002	C	3	Polychaeta	11	6.61
RG	14APR2002	A	1	Chironomid larvae	20	0.55
RG	14APR2002	A	1	Mollusca	3	49.82
RG	14APR2002	A	1	Rhynchozoa	1	0.18
RG	14APR2002	A	1	Polychaeta	8	0.73
RG	14APR2002	A	2	Chironomid larvae	103	4.54
RG	14APR2002	A	2	Mollusca	2	15.43
RG	14APR2002	A	2	Rhynchozoa	1	0.23
RG	14APR2002	A	2	Polychaeta	6	0.34
RG	14APR2002	A	3	Chironomid larvae	57	1.28
RG	14APR2002	A	3	Rhynchozoa	1	0.23
RG	14APR2002	A	3	Polychaeta	9	0.34
RG	14APR2002	B	1	Chironomid larvae	148	7.73
RG	14APR2002	B	1	Rhynchozoa	4	1.31

RG	14APR2002	B	1	Polychaeta	39	1.44
RG	14APR2002	B	2	Chironomid larvae	170	5.62
RG	14APR2002	B	2	Rhynchocoela	2	0.17
RG	14APR2002	B	2	Polychaeta	30	1.01
RG	14APR2002	B	3	Chironomid larvae	102	2.78
RG	14APR2002	B	3	Mollusca	3	55.13
RG	14APR2002	B	3	Rhynchocoela	2	0.44
RG	14APR2002	B	3	Polychaeta	35	21.04
RG	14APR2002	C	1	Crustacea	1	0.27
RG	14APR2002	C	1	Chironomid larvae	10	7.20
RG	14APR2002	C	1	Polychaeta	21	0.77
RG	14APR2002	C	2	Crustacea	2	0.59
RG	14APR2002	C	2	Chironomid larvae	18	7.41
RG	14APR2002	C	2	Rhynchocoela	2	3.53
RG	14APR2002	C	2	Polychaeta	5	0.14
RG	14APR2002	C	3	Chironomid larvae	12	5.04
RG	14APR2002	C	3	Polychaeta	7	0.25
RG	09JUL2002	A	1	Chironomid larvae	93	1.70
RG	09JUL2002	A	1	Polychaeta	21	0.14
RG	09JUL2002	A	2	Crustacea	3	0.05
RG	09JUL2002	A	2	Chironomid larvae	99	2.28
RG	09JUL2002	A	2	Polychaeta	84	1.32
RG	09JUL2002	A	3	Chironomid larvae	104	4.16
RG	09JUL2002	A	3	Mollusca	2	3.11
RG	09JUL2002	A	3	Polychaeta	46	0.85
RG	09JUL2002	B	1	Crustacea	6	0.06
RG	09JUL2002	B	1	Chironomid larvae	146	2.80
RG	09JUL2002	B	1	Rhynchocoela	3	0.53
RG	09JUL2002	B	1	Polychaeta	35	0.53
RG	09JUL2002	B	2	Crustacea	5	0.05
RG	09JUL2002	B	2	Chironomid larvae	175	5.50
RG	09JUL2002	B	2	Mollusca	1	5.46
RG	09JUL2002	B	2	Rhynchocoela	4	1.09
RG	09JUL2002	B	2	Polychaeta	38	0.37
RG	09JUL2002	B	3	Crustacea	3	0.04
RG	09JUL2002	B	3	Chironomid larvae	143	3.05
RG	09JUL2002	B	3	Rhynchocoela	4	1.34
RG	09JUL2002	B	3	Polychaeta	48	0.59
RG	09JUL2002	D	1	Chironomid larvae	81	1.34
RG	09JUL2002	D	1	Rhynchocoela	1	0.10
RG	09JUL2002	D	1	Polychaeta	1	1.39
RG	09JUL2002	D	2	Chironomid larvae	95	2.18
RG	09JUL2002	D	2	Rhynchocoela	1	1.14
RG	09JUL2002	D	2	Polychaeta	2	2.56
RG	09JUL2002	D	3	Chironomid larvae	76	2.03
RG	09JUL2002	D	3	Rhynchocoela	1	2.58
RG	09JUL2002	D	3	Polychaeta	1	0.03
RG	19OCT2002	A	1	Crustacea	4	55.79
RG	19OCT2002	A	1	Chironomid larvae	25	2.51
RG	19OCT2002	A	2	Chironomid larvae	30	0.80
RG	19OCT2002	A	2	Mollusca	1	58.00
RG	19OCT2002	A	2	Rhynchocoela	2	0.94
RG	19OCT2002	A	2	Polychaeta	6	0.09
RG	19OCT2002	A	3	Crustacea	1	0.03
RG	19OCT2002	A	3	Chironomid larvae	31	2.70

RG	19OCT2002	A	3	Rhynchocoela	1	1.54
RG	19OCT2002	A	3	Polychaeta	1	0.01
RG	19OCT2002	B	1	Chironomid larvae	11	2.18
RG	19OCT2002	B	2	Chironomid larvae	7	1.06
RG	19OCT2002	B	3	Chironomid larvae	12	1.28
RG	19OCT2002	C	1	Polychaeta	1	0.19
RG	19OCT2002	C	2	Polychaeta	0	0.00
RG	19OCT2002	C	3	Polychaeta	0	0.00
RG	19OCT2002	D	1	Chironomid larvae	13	3.43
RG	19OCT2002	D	1	Polychaeta	4	0.02
RG	19OCT2002	D	2	Chironomid larvae	12	4.70
RG	19OCT2002	D	2	Polychaeta	4	1.17
RG	19OCT2002	D	3	Chironomid larvae	6	2.92
RG	19OCT2002	D	3	Rhynchocoela	1	0.62
RG	19OCT2002	D	3	Polychaeta	13	11.32
RG	19OCT2002	E	1	Rhynchocoela	2	0.39
RG	19OCT2002	E	1	Polychaeta	2	0.28
RG	19OCT2002	E	2	Rhynchocoela	1	0.96
RG	19OCT2002	E	2	Polychaeta	1	0.07
RG	19OCT2002	E	3	Polychaeta	2	0.03
RG	10JAN2003	A	1	Chironomid larvae	36	0.69
RG	10JAN2003	A	1	Rhynchocoela	1	0.04
RG	10JAN2003	A	1	Polychaeta	0	0.00
RG	10JAN2003	A	2	Chironomid larvae	38	0.89
RG	10JAN2003	A	2	Polychaeta	0	0.00
RG	10JAN2003	A	3	Chironomid larvae	21	0.56
RG	10JAN2003	A	3	Rhynchocoela	1	0.08
RG	10JAN2003	A	3	Polychaeta	0	0.00
RG	10JAN2003	B	1	Chironomid larvae	7	0.15
RG	10JAN2003	B	1	Polychaeta	0	0.00
RG	10JAN2003	B	2	Chironomid larvae	12	0.52
RG	10JAN2003	B	2	Polychaeta	0	0.00
RG	10JAN2003	B	3	Chironomid larvae	3	0.09
RG	10JAN2003	B	3	Polychaeta	1	0.04
RG	10JAN2003	C	1	Polychaeta	5	0.67
RG	10JAN2003	C	2	Mollusca	1	79.13
RG	10JAN2003	C	2	Polychaeta	3	0.16
RG	10JAN2003	C	3	Polychaeta	1	0.07
RG	10JAN2003	D	1	Polychaeta	0	0.00
RG	10JAN2003	D	2	Rhynchocoela	1	0.28
RG	10JAN2003	D	2	Polychaeta	1	0.08
RG	10JAN2003	D	3	Polychaeta	1	0.07
RG	10JAN2003	E	1	Polychaeta	8	0.60
RG	10JAN2003	E	2	Mollusca	1	16.17
RG	10JAN2003	E	2	Polychaeta	7	0.07
RG	10JAN2003	E	3	Rhynchocoela	1	0.50
RG	10JAN2003	E	3	Polychaeta	0	0.00
RG	05APR2003	A	1	Chironomid larvae	105	4.74
RG	05APR2003	A	1	Polychaeta	9	2.88
RG	05APR2003	A	2	Chironomid larvae	103	2.73
RG	05APR2003	A	2	Rhynchocoela	2	0.56
RG	05APR2003	A	2	Polychaeta	4	5.61
RG	05APR2003	A	3	Crustacea	1	0.01
RG	05APR2003	A	3	Chironomid larvae	152	4.90
RG	05APR2003	A	3	Polychaeta	13	1.73

RG	05APR2003	B	1	Chironomid larvae	50	1.14
RG	05APR2003	B	1	Polychaeta	3	0.03
RG	05APR2003	B	2	Crustacea	1	0.01
RG	05APR2003	B	2	Chironomid larvae	36	0.97
RG	05APR2003	B	2	Polychaeta	2	0.05
RG	05APR2003	B	3	Chironomid larvae	46	1.30
RG	05APR2003	B	3	Polychaeta	1	0.12
RG	05APR2003	C	1	Chironomid larvae	7	0.77
RG	05APR2003	C	1	Rhynchozoela	1	0.18
RG	05APR2003	C	1	Polychaeta	16	2.59
RG	05APR2003	C	2	Chironomid larvae	2	0.15
RG	05APR2003	C	2	Rhynchozoela	2	0.07
RG	05APR2003	C	2	Polychaeta	27	2.07
RG	05APR2003	C	3	Chironomid larvae	1	0.06
RG	05APR2003	C	3	Polychaeta	17	1.88
RG	05APR2003	D	1	Crustacea	4	0.26
RG	05APR2003	D	1	Chironomid larvae	14	1.02
RG	05APR2003	D	1	Mollusca	10	3.66
RG	05APR2003	D	1	Rhynchozoela	10	2.58
RG	05APR2003	D	1	Polychaeta	172	10.42
RG	05APR2003	D	2	Crustacea	1	0.09
RG	05APR2003	D	2	Chironomid larvae	9	1.13
RG	05APR2003	D	2	Mollusca	7	2.77
RG	05APR2003	D	2	Rhynchozoela	4	2.90
RG	05APR2003	D	2	Polychaeta	144	9.97
RG	05APR2003	D	3	Crustacea	2	0.23
RG	05APR2003	D	3	Chironomid larvae	9	1.33
RG	05APR2003	D	3	Mollusca	4	1.43
RG	05APR2003	D	3	Rhynchozoela	7	0.65
RG	05APR2003	D	3	Polychaeta	108	8.92
RG	05APR2003	E	1	Mollusca	1	0.58
RG	05APR2003	E	1	Rhynchozoela	2	3.26
RG	05APR2003	E	1	Polychaeta	36	0.51
RG	05APR2003	E	2	Mollusca	2	59.89
RG	05APR2003	E	2	Polychaeta	27	1.20
RG	05APR2003	E	3	Crustacea	1	0.06
RG	05APR2003	E	3	Chironomid larvae	2	0.06
RG	05APR2003	E	3	Mollusca	2	0.48
RG	05APR2003	E	3	Rhynchozoela	3	0.78
RG	05APR2003	E	3	Other	2	0.02
RG	05APR2003	E	3	Polychaeta	19	0.28
RG	11JUL2003	A	1	Crustacea	4	0.06
RG	11JUL2003	A	1	Chironomid larvae	10	0.18
RG	11JUL2003	A	1	Mollusca	14	7.21
RG	11JUL2003	A	1	Rhynchozoela	1	0.44
RG	11JUL2003	A	1	Polychaeta	7	1.86
RG	11JUL2003	A	2	Chironomid larvae	11	0.52
RG	11JUL2003	A	2	Mollusca	7	0.29
RG	11JUL2003	A	2	Polychaeta	0	0.00
RG	11JUL2003	A	3	Crustacea	3	0.01
RG	11JUL2003	A	3	Chironomid larvae	13	0.20
RG	11JUL2003	A	3	Mollusca	14	15.51
RG	11JUL2003	A	3	Rhynchozoela	2	0.62
RG	11JUL2003	A	3	Polychaeta	4	3.05
RG	11JUL2003	B	1	Crustacea	53	2.66

RG	11JUL2003	B	1	Chironomid larvae	17	0.55
RG	11JUL2003	B	1	Mollusca	14	10.02
RG	11JUL2003	B	1	Rhynchocoela	3	0.11
RG	11JUL2003	B	1	Polychaeta	7	9.86
RG	11JUL2003	B	2	Crustacea	26	1.60
RG	11JUL2003	B	2	Chironomid larvae	16	0.46
RG	11JUL2003	B	2	Mollusca	8	1.34
RG	11JUL2003	B	2	Rhynchocoela	2	0.11
RG	11JUL2003	B	2	Polychaeta	7	4.85
RG	11JUL2003	B	3	Crustacea	86	3.41
RG	11JUL2003	B	3	Chironomid larvae	56	1.77
RG	11JUL2003	B	3	Mollusca	23	23.30
RG	11JUL2003	B	3	Rhynchocoela	3	0.13
RG	11JUL2003	B	3	Polychaeta	4	0.53
RG	11JUL2003	C	1	Chironomid larvae	1	0.01
RG	11JUL2003	C	1	Mollusca	2	4.82
RG	11JUL2003	C	1	Rhynchocoela	2	1.15
RG	11JUL2003	C	1	Polychaeta	125	9.56
RG	11JUL2003	C	2	Chironomid larvae	4	0.19
RG	11JUL2003	C	2	Mollusca	6	32.25
RG	11JUL2003	C	2	Rhynchocoela	4	1.06
RG	11JUL2003	C	2	Polychaeta	149	11.93
RG	11JUL2003	C	3	Chironomid larvae	2	0.01
RG	11JUL2003	C	3	Mollusca	1	3.65
RG	11JUL2003	C	3	Rhynchocoela	4	0.95
RG	11JUL2003	C	3	Polychaeta	113	9.34
RG	11JUL2003	D	1	Chironomid larvae	5	0.03
RG	11JUL2003	D	1	Mollusca	12	67.52
RG	11JUL2003	D	1	Rhynchocoela	5	1.29
RG	11JUL2003	D	1	Polychaeta	48	4.41
RG	11JUL2003	D	2	Chironomid larvae	3	0.06
RG	11JUL2003	D	2	Mollusca	9	47.70
RG	11JUL2003	D	2	Rhynchocoela	2	0.39
RG	11JUL2003	D	2	Polychaeta	75	6.13
RG	11JUL2003	D	3	Chironomid larvae	15	0.76
RG	11JUL2003	D	3	Mollusca	8	30.64
RG	11JUL2003	D	3	Rhynchocoela	1	0.28
RG	11JUL2003	D	3	Polychaeta	36	1.96
RG	11JUL2003	E	1	Chironomid larvae	3	0.03
RG	11JUL2003	E	1	Mollusca	5	8.28
RG	11JUL2003	E	1	Rhynchocoela	4	1.27
RG	11JUL2003	E	1	Polychaeta	24	1.61
RG	11JUL2003	E	2	Chironomid larvae	1	0.13
RG	11JUL2003	E	2	Mollusca	2	1.61
RG	11JUL2003	E	2	Polychaeta	19	0.97
RG	11JUL2003	E	3	Mollusca	4	10.17
RG	11JUL2003	E	3	Polychaeta	8	0.42
RG	17NOV2003	A	1	Polychaeta	1	0.03
RG	17NOV2003	A	2	Polychaeta	1	0.05
RG	17NOV2003	A	3	Polychaeta	0	0.00
RG	17NOV2003	B	1	Polychaeta	0	0.00
RG	17NOV2003	B	2	Chironomid larvae	1	0.05
RG	17NOV2003	B	2	Polychaeta	0	0.00
RG	17NOV2003	B	3	Polychaeta	0	0.00
RG	17NOV2003	C	1	Rhynchocoela	2	0.74

RG	17NOV2003	C	1	Polychaeta	1	0.02
RG	17NOV2003	C	2	Chironomid larvae	1	0.01
RG	17NOV2003	C	2	Mollusca	2	13.35
RG	17NOV2003	C	2	Rhynchocoela	1	0.12
RG	17NOV2003	C	2	Polychaeta	4	0.17
RG	17NOV2003	C	3	Chironomid larvae	1	0.01
RG	17NOV2003	C	3	Polychaeta	7	0.33
RG	17NOV2003	D	1	Mollusca	1	0.26
RG	17NOV2003	D	1	Rhynchocoela	1	0.14
RG	17NOV2003	D	2	Chironomid larvae	3	0.01
RG	17NOV2003	D	2	Mollusca	2	2.28
RG	17NOV2003	D	2	Rhynchocoela	3	0.18
RG	17NOV2003	D	2	Polychaeta	1	0.06
RG	17NOV2003	D	3	Mollusca	1	1.45
RG	17NOV2003	D	3	Rhynchocoela	2	0.21
RG	17NOV2003	D	3	Polychaeta	0	0.00
RG	17NOV2003	E	1	Chironomid larvae	5	0.03
RG	17NOV2003	E	1	Mollusca	7	32.01
RG	17NOV2003	E	1	Polychaeta	0	0.00
RG	17NOV2003	E	2	Mollusca	2	12.35
RG	17NOV2003	E	2	Polychaeta	0	0.00
RG	17NOV2003	E	3	Polychaeta	0	0.00
RG	05JAN2004	A	1	Chironomid larvae	28	0.15
RG	05JAN2004	A	1	Polychaeta	6	0.11
RG	05JAN2004	A	2	Crustacea	1	0.01
RG	05JAN2004	A	2	Chironomid larvae	9	0.11
RG	05JAN2004	A	2	Polychaeta	6	0.40
RG	05JAN2004	A	3	Chironomid larvae	31	0.18
RG	05JAN2004	A	3	Polychaeta	5	0.16
RG	05JAN2004	B	1	Chironomid larvae	2	0.01
RG	05JAN2004	B	1	Mollusca	1	0.39
RG	05JAN2004	B	1	Polychaeta	4	0.09
RG	05JAN2004	B	2	Chironomid larvae	1	0.01
RG	05JAN2004	B	2	Polychaeta	1	0.06
RG	05JAN2004	B	3	Chironomid larvae	2	0.38
RG	05JAN2004	B	3	Polychaeta	0	0.00
RG	05JAN2004	C	1	Chironomid larvae	3	0.06
RG	05JAN2004	C	1	Polychaeta	5	0.01
RG	05JAN2004	C	2	Polychaeta	2	1.31
RG	05JAN2004	C	3	Polychaeta	4	0.36
RG	05JAN2004	D	1	Chironomid larvae	24	0.42
RG	05JAN2004	D	1	Polychaeta	6	2.10
RG	05JAN2004	D	2	Chironomid larvae	22	0.42
RG	05JAN2004	D	2	Mollusca	5	88.13
RG	05JAN2004	D	2	Polychaeta	2	0.28
RG	05JAN2004	D	3	Chironomid larvae	36	0.81
RG	05JAN2004	D	3	Mollusca	1	0.32
RG	05JAN2004	D	3	Rhynchocoela	1	0.12
RG	05JAN2004	D	3	Polychaeta	5	1.02
RG	05JAN2004	E	1	Chironomid larvae	3	0.08
RG	05JAN2004	E	1	Mollusca	1	5.60
RG	05JAN2004	E	1	Polychaeta	16	2.63
RG	05JAN2004	E	2	Chironomid larvae	6	0.09
RG	05JAN2004	E	2	Polychaeta	20	3.37
RG	05JAN2004	E	3	Chironomid larvae	3	0.04

RG	05JAN2004	E	3	Polychaeta	17	3.05
RG	10APR2004	A	1	Chironomid larvae	17	0.28
RG	10APR2004	A	1	Polychaeta	25	0.65
RG	10APR2004	A	2	Chironomid larvae	27	0.41
RG	10APR2004	A	2	Polychaeta	26	0.35
RG	10APR2004	A	3	Chironomid larvae	12	0.44
RG	10APR2004	A	3	Polychaeta	18	0.93
RG	10APR2004	B	1	Chironomid larvae	5	0.11
RG	10APR2004	B	1	Polychaeta	10	0.15
RG	10APR2004	B	2	Chironomid larvae	7	0.10
RG	10APR2004	B	2	Mollusca	1	5.95
RG	10APR2004	B	2	Polychaeta	9	0.16
RG	10APR2004	B	3	Chironomid larvae	2	0.04
RG	10APR2004	B	3	Polychaeta	16	0.27
RG	10APR2004	C	1	Chironomid larvae	2	0.13
RG	10APR2004	C	1	Polychaeta	16	1.46
RG	10APR2004	C	2	Chironomid larvae	8	0.29
RG	10APR2004	C	2	Polychaeta	11	1.15
RG	10APR2004	C	3	Chironomid larvae	3	0.24
RG	10APR2004	C	3	Polychaeta	12	0.92
RG	10APR2004	D	1	Chironomid larvae	2	0.10
RG	10APR2004	D	1	Mollusca	1	15.15
RG	10APR2004	D	1	Rhynchocoela	1	0.17
RG	10APR2004	D	1	Polychaeta	18	0.97
RG	10APR2004	D	2	Chironomid larvae	2	0.03
RG	10APR2004	D	2	Mollusca	2	15.22
RG	10APR2004	D	2	Polychaeta	19	0.24
RG	10APR2004	D	3	Chironomid larvae	8	0.48
RG	10APR2004	D	3	Mollusca	2	61.40
RG	10APR2004	D	3	Polychaeta	5	0.28
RG	10APR2004	E	1	Chironomid larvae	5	0.08
RG	10APR2004	E	1	Polychaeta	38	0.74
RG	10APR2004	E	2	Chironomid larvae	3	0.02
RG	10APR2004	E	2	Polychaeta	41	2.99
RG	10APR2004	E	3	Chironomid larvae	10	0.15
RG	10APR2004	E	3	Mollusca	1	44.81
RG	10APR2004	E	3	Polychaeta	24	1.39
RG	08JUL2004	A	1	Polychaeta	9	0.87
RG	08JUL2004	A	2	Polychaeta	2	0.14
RG	08JUL2004	A	3	Chironomid larvae	20	0.28
RG	08JUL2004	A	3	Polychaeta	11	0.13
RG	08JUL2004	B	1	Chironomid larvae	1	0.01
RG	08JUL2004	B	1	Polychaeta	1	0.01
RG	08JUL2004	B	2	Chironomid larvae	2	0.06
RG	08JUL2004	B	2	Polychaeta	1	0.03
RG	08JUL2004	B	3	Chironomid larvae	12	0.18
RG	08JUL2004	B	3	Polychaeta	1	0.03
RG	08JUL2004	C	1	Rhynchocoela	1	0.20
RG	08JUL2004	C	1	Polychaeta	3	0.33
RG	08JUL2004	C	2	Chironomid larvae	2	0.15
RG	08JUL2004	C	2	Mollusca	1	17.95
RG	08JUL2004	C	2	Polychaeta	2	0.21
RG	08JUL2004	C	3	Polychaeta	1	0.03
RG	08JUL2004	D	1	Polychaeta	2	0.23
RG	08JUL2004	D	2	Rhynchocoela	1	0.58

RG	08JUL2004	D	2	Polychaeta	0	0.00
RG	08JUL2004	D	3	Chironomid larvae	1	0.01
RG	08JUL2004	D	3	Polychaeta	3	0.08
RG	08JUL2004	E	1	Polychaeta	6	0.33
RG	08JUL2004	E	2	Polychaeta	6	0.37
RG	08JUL2004	E	3	Chironomid larvae	2	0.02
RG	08JUL2004	E	3	Mollusca	1	6.18
RG	08JUL2004	E	3	Polychaeta	1	0.14
RG	23OCT2004	A	1	Polychaeta	5	2.64
RG	23OCT2004	A	2	Chironomid larvae	1	0.01
RG	23OCT2004	A	2	Polychaeta	8	0.21
RG	23OCT2004	A	3	Chironomid larvae	2	0.03
RG	23OCT2004	A	3	Polychaeta	0	0.00
RG	23OCT2004	B	1	Chironomid larvae	3	0.09
RG	23OCT2004	B	1	Polychaeta	3	0.04
RG	23OCT2004	B	2	Polychaeta	0	0.00
RG	23OCT2004	B	3	Chironomid larvae	3	0.14
RG	23OCT2004	B	3	Polychaeta	4	0.12
RG	23OCT2004	C	1	Polychaeta	17	0.96
RG	23OCT2004	C	2	Polychaeta	25	0.81
RG	23OCT2004	C	3	Crustacea	1	0.49
RG	23OCT2004	C	3	Chironomid larvae	1	0.06
RG	23OCT2004	C	3	Polychaeta	25	0.90
RG	23OCT2004	D	1	Mollusca	1	0.23
RG	23OCT2004	D	1	Rhynchocoela	1	0.49
RG	23OCT2004	D	1	Polychaeta	29	2.52
RG	23OCT2004	D	2	Chironomid larvae	6	0.11
RG	23OCT2004	D	2	Polychaeta	39	1.35
RG	23OCT2004	D	3	Mollusca	1	26.12
RG	23OCT2004	D	3	Polychaeta	22	0.88
RG	23OCT2004	E	1	Chironomid larvae	2	0.10
RG	23OCT2004	E	1	Mollusca	1	0.08
RG	23OCT2004	E	1	Polychaeta	13	2.03
RG	23OCT2004	E	2	Chironomid larvae	1	0.03
RG	23OCT2004	E	2	Polychaeta	21	0.67
RG	23OCT2004	E	3	Chironomid larvae	1	0.00
RG	23OCT2004	E	3	Polychaeta	4	0.10
RG	05JAN2005	A	1	Chironomid larvae	13	0.27
RG	05JAN2005	A	1	Polychaeta	18	0.95
RG	05JAN2005	A	2	Chironomid larvae	4	0.20
RG	05JAN2005	A	2	Polychaeta	15	1.28
RG	05JAN2005	A	3	Chironomid larvae	19	0.32
RG	05JAN2005	A	3	Polychaeta	11	0.86
RG	05JAN2005	B	1	Polychaeta	5	0.42
RG	05JAN2005	B	2	Chironomid larvae	2	0.02
RG	05JAN2005	B	2	Polychaeta	3	0.24
RG	05JAN2005	B	3	Chironomid larvae	2	0.15
RG	05JAN2005	B	3	Polychaeta	6	0.27
RG	05JAN2005	C	1	Rhynchocoela	1	0.69
RG	05JAN2005	C	1	Polychaeta	21	3.08
RG	05JAN2005	C	2	Chironomid larvae	3	0.09
RG	05JAN2005	C	2	Rhynchocoela	1	2.63
RG	05JAN2005	C	2	Polychaeta	32	8.31
RG	05JAN2005	C	3	Polychaeta	16	2.43
RG	05JAN2005	D	1	Chironomid larvae	1	0.03

RG	05JAN2005	D	1	Rhynchocoela	1	0.98
RG	05JAN2005	D	1	Polychaeta	15	1.86
RG	05JAN2005	D	2	Polychaeta	12	1.51
RG	05JAN2005	D	3	Polychaeta	18	1.51
RG	05JAN2005	E	1	Polychaeta	23	1.94
RG	05JAN2005	E	2	Chironomid larvae	2	0.03
RG	05JAN2005	E	2	Polychaeta	28	3.82
RG	05JAN2005	E	3	Chironomid larvae	2	0.05
RG	05JAN2005	E	3	Polychaeta	35	4.14
RG	09APR2005	A	1	Chironomid larvae	40	1.86
RG	09APR2005	A	1	Polychaeta	32	0.48
RG	09APR2005	A	2	Chironomid larvae	13	0.44
RG	09APR2005	A	2	Polychaeta	56	10.46
RG	09APR2005	A	3	Chironomid larvae	41	1.47
RG	09APR2005	A	3	Polychaeta	46	2.52
RG	09APR2005	B	1	Chironomid larvae	1	0.11
RG	09APR2005	B	1	Polychaeta	12	1.69
RG	09APR2005	B	2	Chironomid larvae	3	0.04
RG	09APR2005	B	2	Polychaeta	7	1.13
RG	09APR2005	B	3	Chironomid larvae	1	0.03
RG	09APR2005	B	3	Polychaeta	25	0.54
RG	09APR2005	C	1	Chironomid larvae	6	0.51
RG	09APR2005	C	1	Polychaeta	22	2.15
RG	09APR2005	C	2	Chironomid larvae	1	0.06
RG	09APR2005	C	2	Polychaeta	18	1.51
RG	09APR2005	C	3	Chironomid larvae	1	0.04
RG	09APR2005	C	3	Mollusca	1	10.07
RG	09APR2005	C	3	Polychaeta	21	3.08
RG	09APR2005	D	1	Chironomid larvae	2	0.06
RG	09APR2005	D	1	Rhynchocoela	1	1.55
RG	09APR2005	D	1	Polychaeta	28	3.98
RG	09APR2005	D	2	Chironomid larvae	3	0.02
RG	09APR2005	D	2	Mollusca	1	1.58
RG	09APR2005	D	2	Polychaeta	31	3.88
RG	09APR2005	D	3	Chironomid larvae	1	0.02
RG	09APR2005	D	3	Polychaeta	36	2.99
RG	09APR2005	E	1	Chironomid larvae	1	0.01
RG	09APR2005	E	1	Rhynchocoela	1	0.05
RG	09APR2005	E	1	Polychaeta	17	3.37
RG	09APR2005	E	2	Polychaeta	11	1.46
RG	09APR2005	E	3	Polychaeta	16	2.51
RG	06AUG2005	A	1	Polychaeta	6	1.03
RG	06AUG2005	A	2	Chironomid larvae	1	0.08
RG	06AUG2005	A	2	Polychaeta	19	3.26
RG	06AUG2005	A	3	Chironomid larvae	5	0.01
RG	06AUG2005	A	3	Polychaeta	9	0.90
RG	06AUG2005	B	1	Chironomid larvae	4	0.10
RG	06AUG2005	B	1	Polychaeta	6	0.10
RG	06AUG2005	B	2	Chironomid larvae	2	0.03
RG	06AUG2005	B	2	Polychaeta	6	0.11
RG	06AUG2005	B	3	Chironomid larvae	2	0.16
RG	06AUG2005	B	3	Polychaeta	5	0.07
RG	06AUG2005	C	1	Chironomid larvae	2	0.10
RG	06AUG2005	C	1	Mollusca	1	0.34
RG	06AUG2005	C	1	Rhynchocoela	1	0.69

RG	06AUG2005	C	1	Polychaeta	51	2.59
RG	06AUG2005	C	2	Chironomid larvae	1	0.07
RG	06AUG2005	C	2	Rhynchocoela	2	0.60
RG	06AUG2005	C	2	Polychaeta	59	4.23
RG	06AUG2005	C	3	Chironomid larvae	1	0.16
RG	06AUG2005	C	3	Rhynchocoela	2	0.21
RG	06AUG2005	C	3	Polychaeta	58	4.01
RG	06AUG2005	D	1	Rhynchocoela	1	1.10
RG	06AUG2005	D	1	Polychaeta	34	1.70
RG	06AUG2005	D	2	Mollusca	1	0.01
RG	06AUG2005	D	2	Polychaeta	23	1.16
RG	06AUG2005	D	3	Crustacea	1	0.07
RG	06AUG2005	D	3	Rhynchocoela	1	0.01
RG	06AUG2005	D	3	Polychaeta	23	2.99
RG	06AUG2005	E	1	Chironomid larvae	1	0.04
RG	06AUG2005	E	1	Polychaeta	34	2.50
RG	06AUG2005	E	2	Chironomid larvae	1	0.08
RG	06AUG2005	E	2	Mollusca	1	0.24
RG	06AUG2005	E	2	Polychaeta	53	4.42
RG	06AUG2005	E	3	Crustacea	2	0.13
RG	06AUG2005	E	3	Rhynchocoela	1	1.11
RG	06AUG2005	E	3	Polychaeta	23	1.46
SB	16OCT2002	A	1	Rhynchocoela	1	0.03
SB	16OCT2002	A	1	Polychaeta	6	0.37
SB	16OCT2002	A	2	Polychaeta	10	0.39
SB	16OCT2002	A	3	Rhynchocoela	1	0.61
SB	16OCT2002	A	3	Polychaeta	9	0.38
SB	16OCT2002	B	1	Polychaeta	81	5.92
SB	16OCT2002	B	2	Chironomid larvae	2	0.01
SB	16OCT2002	B	2	Polychaeta	20	2.89
SB	16OCT2002	B	3	Polychaeta	30	2.11
SB	08JAN2003	A	1	Polychaeta	9	0.62
SB	08JAN2003	A	2	Polychaeta	6	0.53
SB	08JAN2003	A	3	Rhynchocoela	2	0.02
SB	08JAN2003	A	3	Polychaeta	7	0.88
SB	08JAN2003	B	1	Polychaeta	15	4.29
SB	08JAN2003	B	2	Polychaeta	17	2.65
SB	08JAN2003	B	3	Rhynchocoela	1	1.52
SB	08JAN2003	B	3	Polychaeta	8	0.87
SB	09APR2003	A	1	Polychaeta	2	0.37
SB	09APR2003	A	2	Polychaeta	7	0.26
SB	09APR2003	A	3	Polychaeta	5	0.98
SB	09APR2003	B	1	Mollusca	2	0.06
SB	09APR2003	B	1	Polychaeta	11	3.75
SB	09APR2003	B	2	Hemicordata	1	0.07
SB	09APR2003	B	2	Rhynchocoela	1	2.17
SB	09APR2003	B	2	Polychaeta	18	4.11
SB	09APR2003	B	3	Rhynchocoela	1	0.12
SB	09APR2003	B	3	Polychaeta	16	3.70
SB	01JUL2003	A	1	Chironomid larvae	1	0.05
SB	01JUL2003	A	1	Mollusca	1	0.10
SB	01JUL2003	A	1	Polychaeta	21	2.16
SB	01JUL2003	A	2	Polychaeta	14	1.86
SB	01JUL2003	A	3	Polychaeta	35	2.11
SB	01JUL2003	B	1	Hemicordata	1	3.56

SB	01JUL2003	B	1	Polychaeta	47	6.35
SB	01JUL2003	B	2	Hemicordata	1	1.62
SB	01JUL2003	B	2	Polychaeta	37	2.73
SB	01JUL2003	B	3	Hemicordata	1	0.78
SB	01JUL2003	B	3	Rhynchocoela	1	1.19
SB	01JUL2003	B	3	Polychaeta	52	4.44
SB	07OCT2003	A	1	Polychaeta	13	0.52
SB	07OCT2003	A	2	Polychaeta	7	0.65
SB	07OCT2003	A	3	Polychaeta	11	0.96
SB	07OCT2003	B	1	Rhynchocoela	2	1.82
SB	07OCT2003	B	1	Polychaeta	9	0.38
SB	07OCT2003	B	2	Rhynchocoela	1	0.23
SB	07OCT2003	B	2	Polychaeta	10	0.45
SB	07OCT2003	B	3	Polychaeta	8	0.20
SB	20JAN2004	A	1	Polychaeta	4	1.41
SB	20JAN2004	A	2	Polychaeta	13	0.42
SB	20JAN2004	A	3	Polychaeta	3	1.42
SB	20JAN2004	B	1	Rhynchocoela	1	0.25
SB	20JAN2004	B	1	Polychaeta	3	0.36
SB	20JAN2004	B	2	Rhynchocoela	3	0.33
SB	20JAN2004	B	2	Polychaeta	2	0.07
SB	20JAN2004	B	3	Mollusca	1	0.07
SB	20JAN2004	B	3	Polychaeta	6	0.40
SB	13APR2004	A	1	Mollusca	2	1.28
SB	13APR2004	A	1	Polychaeta	5	0.66
SB	13APR2004	A	2	Polychaeta	27	2.95
SB	13APR2004	A	3	Rhynchocoela	1	0.44
SB	13APR2004	A	3	Polychaeta	18	2.78
SB	13APR2004	B	1	Chironomid larvae	1	0.09
SB	13APR2004	B	1	Polychaeta	11	1.85
SB	13APR2004	B	2	Polychaeta	20	2.21
SB	13APR2004	B	3	Chironomid larvae	1	0.11
SB	13APR2004	B	3	Rhynchocoela	2	1.66
SB	13APR2004	B	3	Polychaeta	11	1.45
SB	21JUL2004	A	1	Mollusca	1	0.09
SB	21JUL2004	A	1	Polychaeta	5	0.19
SB	21JUL2004	A	2	Polychaeta	5	0.15
SB	21JUL2004	A	3	Polychaeta	2	0.10
SB	21JUL2004	B	1	Polychaeta	4	0.34
SB	21JUL2004	B	2	Polychaeta	1	0.16
SB	21JUL2004	B	3	Polychaeta	5	0.55
SB	18OCT2004	A	1	Rhynchocoela	2	0.06
SB	18OCT2004	A	1	Polychaeta	24	0.73
SB	18OCT2004	A	2	Rhynchocoela	2	0.26
SB	18OCT2004	A	2	Polychaeta	10	0.66
SB	18OCT2004	A	3	Rhynchocoela	1	0.04
SB	18OCT2004	A	3	Polychaeta	10	0.27
SB	18OCT2004	B	1	Polychaeta	11	0.70
SB	18OCT2004	B	2	Rhynchocoela	2	0.55
SB	18OCT2004	B	2	Polychaeta	6	0.72
SB	18OCT2004	B	3	Crustacea	1	0.65
SB	18OCT2004	B	3	Polychaeta	13	1.60
SB	10JAN2005	A	1	Mollusca	1	1.27
SB	10JAN2005	A	1	Polychaeta	5	0.36
SB	10JAN2005	A	2	Rhynchocoela	1	0.45

SB	10JAN2005	A	2	Polychaeta	10	1.59
SB	10JAN2005	A	3	Rhynchocoela	1	0.11
SB	10JAN2005	A	3	Polychaeta	6	1.21
SB	10JAN2005	B	1	Polychaeta	5	1.16
SB	10JAN2005	B	2	Hemicordata	1	0.07
SB	10JAN2005	B	2	Mollusca	1	0.13
SB	10JAN2005	B	2	Rhynchocoela	1	0.05
SB	10JAN2005	B	2	Polychaeta	3	0.59
SB	10JAN2005	B	3	Polychaeta	8	1.20
SB	21APR2005	A	1	Polychaeta	5	0.96
SB	21APR2005	A	2	Rhynchocoela	1	0.14
SB	21APR2005	A	2	Polychaeta	9	1.21
SB	21APR2005	A	3	Polychaeta	12	0.89
SB	21APR2005	B	1	Mollusca	1	0.01
SB	21APR2005	B	1	Polychaeta	9	2.86
SB	21APR2005	B	2	Polychaeta	12	3.47
SB	21APR2005	B	3	Mollusca	1	0.05
SB	21APR2005	B	3	Rhynchocoela	2	0.07
SB	21APR2005	B	3	Polychaeta	10	3.23
SB	25JUL2005	A	1	Rhynchocoela	1	0.63
SB	25JUL2005	A	1	Polychaeta	10	0.23
SB	25JUL2005	A	2	Polychaeta	14	1.23
SB	25JUL2005	A	3	Crustacea	1	1.24
SB	25JUL2005	A	3	Polychaeta	10	2.83
SB	25JUL2005	B	1	Polychaeta	8	2.32
SB	25JUL2005	B	2	Polychaeta	27	1.80
SB	25JUL2005	B	3	Mollusca	3	0.07
SB	25JUL2005	B	3	Polychaeta	57	1.40
CL	16OCT2002	A	1	Polychaeta	13	3.28
CL	16OCT2002	A	2	Polychaeta	8	3.44
CL	16OCT2002	A	3	Rhynchocoela	1	0.25
CL	16OCT2002	A	3	Polychaeta	6	5.86
CL	16OCT2002	B	1	Polychaeta	16	4.75
CL	16OCT2002	B	2	Polychaeta	8	3.43
CL	16OCT2002	B	3	Polychaeta	8	2.64
CL	08JAN2003	A	1	Polychaeta	17	1.67
CL	08JAN2003	A	2	Chironomid larvae	4	0.40
CL	08JAN2003	A	2	Polychaeta	25	6.51
CL	08JAN2003	A	3	Chironomid larvae	2	0.18
CL	08JAN2003	A	3	Polychaeta	32	3.07
CL	08JAN2003	B	1	Crustacea	1	0.11
CL	08JAN2003	B	1	Chironomid larvae	1	0.10
CL	08JAN2003	B	1	Polychaeta	33	3.60
CL	08JAN2003	B	2	Polychaeta	12	5.47
CL	08JAN2003	B	3	Chironomid larvae	2	0.40
CL	08JAN2003	B	3	Polychaeta	30	4.20
CL	09APR2003	A	1	Chironomid larvae	1	0.05
CL	09APR2003	A	1	Polychaeta	15	4.08
CL	09APR2003	A	2	Crustacea	1	0.10
CL	09APR2003	A	2	Chironomid larvae	1	0.01
CL	09APR2003	A	2	Polychaeta	15	4.79
CL	09APR2003	A	3	Crustacea	1	0.09
CL	09APR2003	A	3	Chironomid larvae	1	0.02
CL	09APR2003	A	3	Polychaeta	20	7.38
CL	09APR2003	B	1	Polychaeta	15	3.23

CL	09APR2003	B	2	Polychaeta	16	1.72
CL	09APR2003	B	3	Polychaeta	15	2.72
CL	01JUL2003	A	1	Polychaeta	20	3.95
CL	01JUL2003	A	2	Chironomid larvae	3	0.13
CL	01JUL2003	A	2	Polychaeta	12	3.72
CL	01JUL2003	A	3	Chironomid larvae	1	0.05
CL	01JUL2003	A	3	Polychaeta	23	5.10
CL	01JUL2003	B	1	Rhynchocoela	1	1.32
CL	01JUL2003	B	1	Polychaeta	35	9.39
CL	01JUL2003	B	2	Polychaeta	10	2.11
CL	01JUL2003	B	3	Polychaeta	22	2.33
CL	14OCT2003	A	1	Polychaeta	23	3.73
CL	14OCT2003	A	2	Polychaeta	14	2.39
CL	14OCT2003	A	3	Polychaeta	13	2.90
CL	14OCT2003	B	1	Polychaeta	13	1.51
CL	14OCT2003	B	2	Other	1	0.11
CL	14OCT2003	B	2	Polychaeta	29	4.05
CL	14OCT2003	B	3	Mollusca	1	3.88
CL	14OCT2003	B	3	Polychaeta	15	1.20
CL	20JAN2004	A	1	Mollusca	1	0.31
CL	20JAN2004	A	1	Polychaeta	108	8.13
CL	20JAN2004	A	2	Polychaeta	138	9.03
CL	20JAN2004	A	3	Mollusca	1	0.09
CL	20JAN2004	A	3	Polychaeta	128	7.01
CL	20JAN2004	B	1	Other	1	4.70
CL	20JAN2004	B	1	Polychaeta	46	8.32
CL	20JAN2004	B	2	Crustacea	2	4.86
CL	20JAN2004	B	2	Rhynchocoela	1	5.04
CL	20JAN2004	B	2	Polychaeta	41	7.99
CL	20JAN2004	B	3	Polychaeta	64	19.39
CL	13APR2004	A	1	Polychaeta	11	4.07
CL	13APR2004	A	2	Chironomid larvae	1	0.03
CL	13APR2004	A	2	Polychaeta	13	2.59
CL	13APR2004	A	3	Chironomid larvae	1	0.07
CL	13APR2004	A	3	Polychaeta	13	2.04
CL	13APR2004	B	1	Crustacea	19	0.90
CL	13APR2004	B	1	Polychaeta	35	8.24
CL	13APR2004	B	2	Rhynchocoela	1	0.38
CL	13APR2004	B	2	Polychaeta	39	35.39
CL	13APR2004	B	3	Crustacea	11	0.46
CL	13APR2004	B	3	Mollusca	1	4.20
CL	13APR2004	B	3	Rhynchocoela	1	17.71
CL	13APR2004	B	3	Polychaeta	50	11.62
CL	21JUL2004	A	1	Polychaeta	22	5.11
CL	21JUL2004	A	2	Chironomid larvae	1	0.08
CL	21JUL2004	A	2	Polychaeta	16	2.62
CL	21JUL2004	A	3	Mollusca	1	176.52
CL	21JUL2004	A	3	Polychaeta	15	2.48
CL	21JUL2004	B	1	Rhynchocoela	1	0.01
CL	21JUL2004	B	1	Polychaeta	32	5.93
CL	21JUL2004	B	2	Crustacea	1	0.06
CL	21JUL2004	B	2	Rhynchocoela	1	0.05
CL	21JUL2004	B	2	Polychaeta	33	5.03
CL	21JUL2004	B	3	Polychaeta	32	8.80
CL	18OCT2004	A	1	Polychaeta	4	0.20

CL	18OCT2004	A	2	Polychaeta	4	0.66
CL	18OCT2004	A	3	Crustacea	1	3.31
CL	18OCT2004	A	3	Polychaeta	9	3.23
CL	18OCT2004	B	1	Polychaeta	26	4.50
CL	18OCT2004	B	2	Rhynchocoela	1	0.38
CL	18OCT2004	B	2	Polychaeta	23	5.71
CL	18OCT2004	B	3	Polychaeta	21	3.16
CL	10JAN2005	A	1	Crustacea	1	0.17
CL	10JAN2005	A	1	Polychaeta	22	7.65
CL	10JAN2005	A	2	Polychaeta	26	2.48
CL	10JAN2005	A	3	Crustacea	2	0.05
CL	10JAN2005	A	3	Polychaeta	48	3.20
CL	10JAN2005	B	1	Rhynchocoela	1	0.11
CL	10JAN2005	B	1	Polychaeta	18	2.15
CL	10JAN2005	B	2	Rhynchocoela	1	0.05
CL	10JAN2005	B	2	Polychaeta	14	2.70
CL	10JAN2005	B	3	Polychaeta	13	2.14
CL	21APR2005	A	1	Mollusca	1	0.81
CL	21APR2005	A	1	Polychaeta	28	3.37
CL	21APR2005	A	2	Polychaeta	26	2.28
CL	21APR2005	A	3	Polychaeta	26	2.77
CL	21APR2005	B	1	Rhynchocoela	2	0.97
CL	21APR2005	B	1	Polychaeta	18	3.44
CL	21APR2005	B	2	Mollusca	1	0.01
CL	21APR2005	B	2	Rhynchocoela	1	0.08
CL	21APR2005	B	2	Polychaeta	21	2.91
CL	21APR2005	B	3	Mollusca	1	3.52
CL	21APR2005	B	3	Polychaeta	36	7.19
CL	25JUL2005	A	1	Polychaeta	9	1.79
CL	25JUL2005	A	2	Crustacea	1	0.01
CL	25JUL2005	A	2	Mollusca	1	0.02
CL	25JUL2005	A	2	Polychaeta	10	1.78
CL	25JUL2005	A	3	Polychaeta	13	4.15
CL	25JUL2005	B	1	Polychaeta	33	4.80
CL	25JUL2005	B	2	Rhynchocoela	2	0.29
CL	25JUL2005	B	2	Polychaeta	18	1.47
CL	25JUL2005	B	3	Polychaeta	22	3.42

Macrofaunal Community Structure

Appendix 4. Species abundance data for all samples. Abbreviations: Bay (Christmas Bay = CB, Brazos River = BR, Rio Grande = RG, San Bernard River = SB, CL = Cedar Lakes), REP = replicate, n = number of individuals. Sample core area is 35.3 cm², multiply by 283 to obtain n m².

Bay	Date	STA	REP	Species	n/core
BR	18OCT2000	A	1	Mediomastus ambiseta	4
BR	18OCT2000	A	1	Streblospio benedicti	37
BR	18OCT2000	A	2	Cossura delta	1
BR	18OCT2000	A	2	Mediomastus ambiseta	6
BR	18OCT2000	A	2	Streblospio benedicti	34
BR	18OCT2000	A	3	Cossura delta	1
BR	18OCT2000	A	3	Mediomastus ambiseta	6
BR	18OCT2000	A	3	Streblospio benedicti	4
BR	18OCT2000	B	1	Haploscoloplos fragilis	1
BR	18OCT2000	B	1	Mediomastus ambiseta	4
BR	18OCT2000	B	1	Polydora caulleryi	2
BR	18OCT2000	B	1	Streblospio benedicti	9
BR	18OCT2000	B	2	Mediomastus ambiseta	1
BR	18OCT2000	B	2	Mulinia lateralis	1
BR	18OCT2000	B	2	Streblospio benedicti	15
BR	18OCT2000	B	3	Mediomastus ambiseta	1
BR	18OCT2000	B	3	Polydora caulleryi	2
BR	18OCT2000	B	3	Polydora socialis	1
BR	18OCT2000	B	3	Streblospio benedicti	10
BR	18OCT2000	C	1	Mediomastus ambiseta	6
BR	18OCT2000	C	2	Cossura delta	2
BR	18OCT2000	C	2	Mediomastus ambiseta	2
BR	18OCT2000	C	2	Streblospio benedicti	1
BR	18OCT2000	C	3	Cossura delta	1
BR	18OCT2000	C	3	Mediomastus ambiseta	3
BR	10JAN2001	A	1	Mediomastus ambiseta	5
BR	10JAN2001	A	1	Streblospio benedicti	8
BR	10JAN2001	A	2	Mediomastus ambiseta	5
BR	10JAN2001	A	2	Streblospio benedicti	5
BR	10JAN2001	A	2	Turbellaria (unidentified)	1
BR	10JAN2001	A	3	Mediomastus ambiseta	4
BR	10JAN2001	A	3	No species observed	0
BR	10JAN2001	A	3	Streblospio benedicti	8
BR	10JAN2001	B	1	Mediomastus ambiseta	3
BR	10JAN2001	B	1	Streblospio benedicti	16
BR	10JAN2001	B	2	Mediomastus ambiseta	2
BR	10JAN2001	B	2	Streblospio benedicti	20
BR	10JAN2001	B	3	Mediomastus ambiseta	6
BR	10JAN2001	B	3	Streblospio benedicti	30
BR	10JAN2001	C	1	Mediomastus ambiseta	5
BR	10JAN2001	C	1	Nemertinea (unidentified)	1
BR	10JAN2001	C	1	Streblospio benedicti	9
BR	10JAN2001	C	2	Mediomastus ambiseta	7

BR	10JAN2001	C	2	Streblospio benedicti	5
BR	10JAN2001	C	3	Mediomastus ambiseta	2
BR	10JAN2001	C	3	Streblospio benedicti	10
BR	10APR2001	A	1	Chironomid larvae	1
BR	10APR2001	A	1	Mediomastus ambiseta	2
BR	10APR2001	A	1	Ostracoda (unidentified)	1
BR	10APR2001	A	1	Parandalia ocularis	2
BR	10APR2001	A	1	Polydora ligni	7
BR	10APR2001	A	1	Streblospio benedicti	3
BR	10APR2001	A	2	Chironomid larvae	1
BR	10APR2001	A	2	Mediomastus ambiseta	10
BR	10APR2001	A	3	Mediomastus ambiseta	9
BR	10APR2001	A	3	Nemertinea (unidentified)	2
BR	10APR2001	A	3	Streblospio benedicti	2
BR	10APR2001	B	1	Chironomid larvae	2
BR	10APR2001	B	1	Mediomastus ambiseta	14
BR	10APR2001	B	1	Streblospio benedicti	14
BR	10APR2001	B	2	Chironomid larvae	1
BR	10APR2001	B	2	Hobsonia florida	1
BR	10APR2001	B	2	Mediomastus ambiseta	13
BR	10APR2001	B	2	Streblospio benedicti	19
BR	10APR2001	B	3	Capitella capitata	1
BR	10APR2001	B	3	Mediomastus ambiseta	12
BR	10APR2001	B	3	Streblospio benedicti	21
BR	10APR2001	C	1	Mediomastus ambiseta	10
BR	10APR2001	C	1	Streblospio benedicti	2
BR	10APR2001	C	2	Mediomastus ambiseta	4
BR	10APR2001	C	2	Streblospio benedicti	3
BR	10APR2001	C	3	Mediomastus ambiseta	6
BR	10APR2001	C	3	Streblospio benedicti	27
BR	11JUL2001	A	1	Mediomastus ambiseta	1
BR	11JUL2001	A	1	No species observed	0
BR	11JUL2001	A	1	Streblospio benedicti	4
BR	11JUL2001	A	2	Mediomastus ambiseta	1
BR	11JUL2001	A	2	No species observed	0
BR	11JUL2001	A	2	Streblospio benedicti	2
BR	11JUL2001	A	3	Mediomastus ambiseta	1
BR	11JUL2001	A	3	No species observed	0
BR	11JUL2001	A	3	Streblospio benedicti	2
BR	11JUL2001	B	1	Callianassa sp.	1
BR	11JUL2001	B	1	Gyptis vittata	1
BR	11JUL2001	B	1	Mediomastus ambiseta	17
BR	11JUL2001	B	1	Nemertinea (unidentified)	4
BR	11JUL2001	B	1	Parandalia ocularis	1
BR	11JUL2001	B	1	Polydora ligni	1
BR	11JUL2001	B	2	Mediomastus ambiseta	16
BR	11JUL2001	B	2	Oligochaetes (unidentified)	1
BR	11JUL2001	B	2	Streblospio benedicti	1
BR	11JUL2001	B	3	Callianassa sp.	1
BR	11JUL2001	B	3	Gyptis vittata	1
BR	11JUL2001	B	3	Mediomastus ambiseta	5
BR	11JUL2001	B	3	Parandalia ocularis	1
BR	11JUL2001	B	3	Streblospio benedicti	3
BR	11JUL2001	C	1	Mediomastus ambiseta	1
BR	11JUL2001	C	1	Streblospio benedicti	29

BR	11JUL2001	C	2	Callianassa sp.	1
BR	11JUL2001	C	2	Mediomastus ambiseta	9
BR	11JUL2001	C	2	Streblospio benedicti	4
BR	11JUL2001	C	3	Mediomastus ambiseta	10
BR	11JUL2001	C	3	Parandalia ocularis	1
BR	11JUL2001	C	3	Streblospio benedicti	13
BR	12OCT2001	A	1	Mediomastus ambiseta	6
BR	12OCT2001	A	1	Streblospio benedicti	6
BR	12OCT2001	A	2	Callianassa sp.	1
BR	12OCT2001	A	2	Mediomastus ambiseta	5
BR	12OCT2001	A	2	Nemertinea (unidentified)	5
BR	12OCT2001	A	2	Oligochaetes (unidentified)	1
BR	12OCT2001	A	2	Parandalia ocularis	2
BR	12OCT2001	A	2	Streblospio benedicti	1
BR	12OCT2001	A	3	Mediomastus ambiseta	6
BR	12OCT2001	A	3	Microtopopus spp.	2
BR	12OCT2001	A	3	Oligochaetes (unidentified)	3
BR	12OCT2001	A	3	Streblospio benedicti	7
BR	12OCT2001	B	1	Callianassa sp.	1
BR	12OCT2001	B	1	Mediomastus ambiseta	11
BR	12OCT2001	B	1	Nemertinea (unidentified)	1
BR	12OCT2001	B	1	Parandalia ocularis	3
BR	12OCT2001	B	1	Streblospio benedicti	1
BR	12OCT2001	B	2	Mediomastus ambiseta	3
BR	12OCT2001	B	2	Nemertinea (unidentified)	1
BR	12OCT2001	B	2	Streblospio benedicti	2
BR	12OCT2001	B	3	Mediomastus ambiseta	7
BR	12OCT2001	B	3	Nemertinea (unidentified)	3
BR	12OCT2001	B	3	Parandalia ocularis	1
BR	12OCT2001	B	3	Streblospio benedicti	1
BR	12OCT2001	C	1	Mediomastus ambiseta	12
BR	12OCT2001	C	1	Nemertinea (unidentified)	1
BR	12OCT2001	C	1	Streblospio benedicti	46
BR	12OCT2001	C	2	Mediomastus ambiseta	13
BR	12OCT2001	C	2	Streblospio benedicti	16
BR	12OCT2001	C	3	Mediomastus ambiseta	5
BR	12OCT2001	C	3	Streblospio benedicti	12
BR	08JAN2002	A	1	Chironomid larvae	1
BR	08JAN2002	A	1	Nemertinea (unidentified)	1
BR	08JAN2002	A	1	No species observed	0
BR	08JAN2002	A	2	Damselfly numphs	1
BR	08JAN2002	A	2	Mediomastus ambiseta	3
BR	08JAN2002	A	2	Streblospio benedicti	2
BR	08JAN2002	A	3	Mediomastus ambiseta	6
BR	08JAN2002	A	3	Nemertinea (unidentified)	2
BR	08JAN2002	B	1	Mediomastus ambiseta	2
BR	08JAN2002	B	1	Nemertinea (unidentified)	1
BR	08JAN2002	B	2	Mediomastus ambiseta	1
BR	08JAN2002	B	2	Nemertinea (unidentified)	1
BR	08JAN2002	B	2	Streblospio benedicti	3
BR	08JAN2002	B	3	Mediomastus ambiseta	12
BR	08JAN2002	B	3	Nemertinea (unidentified)	2
BR	08JAN2002	B	3	Oligochaetes (unidentified)	2
BR	08JAN2002	C	1	Mediomastus ambiseta	27
BR	08JAN2002	C	1	Streblospio benedicti	44

BR	08JAN2002	C	2	Mediomastus ambiseta	16
BR	08JAN2002	C	2	Streblospio benedicti	1
BR	08JAN2002	C	3	Mediomastus ambiseta	2
BR	08JAN2002	C	3	No species observed	0
BR	12APR2002	A	1	Mediomastus ambiseta	3
BR	12APR2002	A	1	Streblospio benedicti	11
BR	12APR2002	A	2	Mediomastus ambiseta	6
BR	12APR2002	A	2	Schizocardium sp.	1
BR	12APR2002	A	2	Streblospio benedicti	13
BR	12APR2002	A	3	Capitella capitata	2
BR	12APR2002	A	3	Chironomid larvae	2
BR	12APR2002	A	3	Mediomastus ambiseta	2
BR	12APR2002	A	3	Streblospio benedicti	11
BR	12APR2002	B	1	Capitella capitata	1
BR	12APR2002	B	1	Mediomastus ambiseta	4
BR	12APR2002	B	1	Neanthes succinea	1
BR	12APR2002	B	1	Nemertinea (unidentified)	2
BR	12APR2002	B	1	Polydora socialis	3
BR	12APR2002	B	1	Streblospio benedicti	3
BR	12APR2002	B	2	Callianassa sp.	1
BR	12APR2002	B	2	Chironomid larvae	1
BR	12APR2002	B	2	Grandidierella bonnieroides	1
BR	12APR2002	B	2	Mediomastus ambiseta	4
BR	12APR2002	B	2	Polydora socialis	35
BR	12APR2002	B	2	Streblospio benedicti	10
BR	12APR2002	B	3	Anthozoa (unidentified)	1
BR	12APR2002	B	3	Corophium louisianum	1
BR	12APR2002	B	3	Mediomastus ambiseta	2
BR	12APR2002	B	3	Neanthes succinea	12
BR	12APR2002	B	3	Polydora socialis	76
BR	12APR2002	B	3	Streblospio benedicti	20
BR	12APR2002	C	1	Mediomastus ambiseta	11
BR	12APR2002	C	1	Oligochaetes (unidentified)	2
BR	12APR2002	C	1	Streblospio benedicti	23
BR	12APR2002	C	2	Capitella capitata	2
BR	12APR2002	C	2	Chironomid larvae	1
BR	12APR2002	C	2	Mediomastus ambiseta	13
BR	12APR2002	C	2	Nemertinea (unidentified)	1
BR	12APR2002	C	2	Oligochaetes (unidentified)	1
BR	12APR2002	C	2	Parandalia ocularis	1
BR	12APR2002	C	2	Streblospio benedicti	16
BR	12APR2002	C	3	Capitella capitata	1
BR	12APR2002	C	3	Mediomastus ambiseta	11
BR	12APR2002	C	3	Streblospio benedicti	14
BR	08JUL2002	A	1	Mediomastus ambiseta	6
BR	08JUL2002	A	2	Mediomastus ambiseta	1
BR	08JUL2002	A	2	Nemertinea (unidentified)	1
BR	08JUL2002	A	2	Streblospio benedicti	2
BR	08JUL2002	A	3	Mediomastus ambiseta	1
BR	08JUL2002	A	3	Streblospio benedicti	5
BR	08JUL2002	B	1	Mediomastus ambiseta	12
BR	08JUL2002	B	1	Nemertinea (unidentified)	2
BR	08JUL2002	B	1	Parandalia ocularis	1
BR	08JUL2002	B	1	Streblospio benedicti	7
BR	08JUL2002	B	2	Mediomastus ambiseta	5

BR	08JUL2002	B	2	Nemertinea (unidentified)	1
BR	08JUL2002	B	2	Streblospio benedicti	7
BR	08JUL2002	B	3	Mediomastus ambiseta	5
BR	08JUL2002	B	3	Nemertinea (unidentified)	1
BR	08JUL2002	B	3	Parandalia ocularis	1
BR	08JUL2002	B	3	Streblospio benedicti	7
BR	08JUL2002	C	1	Mediomastus ambiseta	24
BR	08JUL2002	C	1	Oligochaetes (unidentified)	2
BR	08JUL2002	C	1	Streblospio benedicti	8
BR	08JUL2002	C	2	Mediomastus ambiseta	14
BR	08JUL2002	C	2	Streblospio benedicti	4
BR	08JUL2002	C	3	Mediomastus ambiseta	18
BR	08JUL2002	C	3	Nemertinea (unidentified)	1
BR	08JUL2002	C	3	Paraprionospio pinnata	1
BR	08JUL2002	C	3	Streblospio benedicti	6
BR	16OCT2002	A	1	Mediomastus ambiseta	4
BR	16OCT2002	A	1	Megalops	1
BR	16OCT2002	A	1	Nemertinea (unidentified)	1
BR	16OCT2002	A	1	Streblospio benedicti	6
BR	16OCT2002	A	2	Mediomastus ambiseta	1
BR	16OCT2002	A	2	Streblospio benedicti	9
BR	16OCT2002	A	3	Mediomastus ambiseta	6
BR	16OCT2002	A	3	Streblospio benedicti	3
BR	16OCT2002	B	1	Mediomastus ambiseta	2
BR	16OCT2002	B	1	Nemertinea (unidentified)	1
BR	16OCT2002	B	1	Streblospio benedicti	17
BR	16OCT2002	B	2	Mediomastus ambiseta	7
BR	16OCT2002	B	2	Nemertinea (unidentified)	1
BR	16OCT2002	B	2	Nereidae (unidentified)	1
BR	16OCT2002	B	2	Paraprionospio pinnata	1
BR	16OCT2002	B	2	Streblospio benedicti	6
BR	16OCT2002	B	3	Mediomastus ambiseta	4
BR	16OCT2002	B	3	Nereidae (unidentified)	1
BR	16OCT2002	B	3	Streblospio benedicti	27
BR	16OCT2002	C	1	Mediomastus ambiseta	13
BR	16OCT2002	C	1	Nemertinea (unidentified)	1
BR	16OCT2002	C	1	Parandalia ocularis	1
BR	16OCT2002	C	1	Streblospio benedicti	12
BR	16OCT2002	C	2	Capitella capitata	1
BR	16OCT2002	C	2	Mediomastus ambiseta	3
BR	16OCT2002	C	2	Streblospio benedicti	16
BR	16OCT2002	C	3	Mediomastus ambiseta	16
BR	16OCT2002	C	3	Parandalia ocularis	1
BR	16OCT2002	C	3	Streblospio benedicti	45
BR	08JAN2003	A	1	Mediomastus ambiseta	8
BR	08JAN2003	A	1	Nemertinea (unidentified)	1
BR	08JAN2003	A	1	Parandalia ocularis	1
BR	08JAN2003	A	1	Streblospio benedicti	1
BR	08JAN2003	A	2	Mediomastus ambiseta	10
BR	08JAN2003	A	2	Streblospio benedicti	2
BR	08JAN2003	A	3	Mediomastus ambiseta	4
BR	08JAN2003	A	3	Nemertinea (unidentified)	2
BR	08JAN2003	B	1	Mediomastus ambiseta	10
BR	08JAN2003	B	1	Oligochaetes (unidentified)	1
BR	08JAN2003	B	2	Mediomastus ambiseta	9

BR	08JAN2003	B	2	Nemertinea (unidentified)	1
BR	08JAN2003	B	2	Parandalia ocularis	1
BR	08JAN2003	B	3	Mediomastus ambiseta	5
BR	08JAN2003	B	3	Oligochaetes (unidentified)	2
BR	08JAN2003	C	1	Mediomastus ambiseta	13
BR	08JAN2003	C	1	Oligochaetes (unidentified)	1
BR	08JAN2003	C	1	Parandalia ocularis	1
BR	08JAN2003	C	2	Mediomastus ambiseta	13
BR	08JAN2003	C	2	Nemertinea (unidentified)	3
BR	08JAN2003	C	2	Oligochaetes (unidentified)	1
BR	08JAN2003	C	2	Parandalia ocularis	1
BR	08JAN2003	C	2	Streblospio benedicti	2
BR	08JAN2003	C	3	Mediomastus ambiseta	7
BR	08JAN2003	C	3	Nemertinea (unidentified)	3
BR	08JAN2003	C	3	Parandalia ocularis	2
BR	08JAN2003	C	3	Streblospio benedicti	1
BR	09APR2003	A	1	Mediomastus ambiseta	8
BR	09APR2003	A	1	Nemertinea (unidentified)	1
BR	09APR2003	A	1	Oligochaetes (unidentified)	5
BR	09APR2003	A	2	Mediomastus ambiseta	1
BR	09APR2003	A	2	Nemertinea (unidentified)	1
BR	09APR2003	A	2	Oligochaetes (unidentified)	1
BR	09APR2003	A	2	Parandalia ocularis	1
BR	09APR2003	A	2	Streblospio benedicti	1
BR	09APR2003	A	3	Mediomastus ambiseta	1
BR	09APR2003	A	3	No species observed	0
BR	09APR2003	A	3	Oligochaetes (unidentified)	3
BR	09APR2003	B	1	Mediomastus ambiseta	3
BR	09APR2003	B	1	Polydora ligni	2
BR	09APR2003	B	1	Streblospio benedicti	1
BR	09APR2003	B	2	Mediomastus ambiseta	1
BR	09APR2003	B	2	No species observed	0
BR	09APR2003	B	2	Streblospio benedicti	1
BR	09APR2003	B	3	Mediomastus ambiseta	1
BR	09APR2003	B	3	Nemertinea (unidentified)	1
BR	09APR2003	B	3	No species observed	0
BR	09APR2003	B	3	Streblospio benedicti	1
BR	09APR2003	C	1	Mediomastus ambiseta	3
BR	09APR2003	C	1	No species observed	0
BR	09APR2003	C	1	Oligochaetes (unidentified)	2
BR	09APR2003	C	2	Mediomastus ambiseta	13
BR	09APR2003	C	2	Nemertinea (unidentified)	1
BR	09APR2003	C	2	No species observed	0
BR	09APR2003	C	2	Oligochaetes (unidentified)	1
BR	09APR2003	C	2	Streblospio benedicti	3
BR	09APR2003	C	3	Capitella capitata	1
BR	09APR2003	C	3	Mediomastus ambiseta	3
BR	09APR2003	C	3	No species observed	0
BR	09APR2003	C	3	Oligochaetes (unidentified)	2
BR	01JUL2003	A	1	Mediomastus ambiseta	3
BR	01JUL2003	A	1	Streblospio benedicti	38
BR	01JUL2003	A	2	Mediomastus ambiseta	3
BR	01JUL2003	A	2	Streblospio benedicti	19
BR	01JUL2003	A	3	Mediomastus ambiseta	4
BR	01JUL2003	A	3	Oligochaetes (unidentified)	2

BR	01JUL2003	A	3	Streblospio benedicti	25
BR	01JUL2003	B	1	Mediomastus ambiseta	3
BR	01JUL2003	B	1	Streblospio benedicti	33
BR	01JUL2003	B	2	Mediomastus ambiseta	2
BR	01JUL2003	B	2	Nemertinea (unidentified)	2
BR	01JUL2003	B	2	Streblospio benedicti	17
BR	01JUL2003	B	3	Mediomastus ambiseta	1
BR	01JUL2003	B	3	Streblospio benedicti	20
BR	01JUL2003	C	1	Mediomastus ambiseta	4
BR	01JUL2003	C	1	Nemertinea (unidentified)	1
BR	01JUL2003	C	1	Streblospio benedicti	13
BR	01JUL2003	C	2	Mediomastus ambiseta	10
BR	01JUL2003	C	2	Megalops	1
BR	01JUL2003	C	2	Nemertinea (unidentified)	1
BR	01JUL2003	C	2	Streblospio benedicti	27
BR	01JUL2003	C	3	Cyclopoida (commensal)	1
BR	01JUL2003	C	3	Mediomastus ambiseta	4
BR	01JUL2003	C	3	Nemertinea (unidentified)	1
BR	01JUL2003	C	3	Streblospio benedicti	37
BR	07OCT2003	A	1	Mediomastus ambiseta	11
BR	07OCT2003	A	1	Streblospio benedicti	28
BR	07OCT2003	A	2	Mediomastus ambiseta	3
BR	07OCT2003	A	2	Nemertinea (unidentified)	1
BR	07OCT2003	A	2	Streblospio benedicti	10
BR	07OCT2003	A	3	Mediomastus ambiseta	2
BR	07OCT2003	A	3	Streblospio benedicti	13
BR	07OCT2003	B	1	Mediomastus ambiseta	1
BR	07OCT2003	B	1	Megalops	1
BR	07OCT2003	B	1	Nemertinea (unidentified)	4
BR	07OCT2003	B	1	Streblospio benedicti	15
BR	07OCT2003	B	2	Mediomastus ambiseta	6
BR	07OCT2003	B	2	Nemertinea (unidentified)	1
BR	07OCT2003	B	2	Phyllodocidae (unidentified)	1
BR	07OCT2003	B	2	Streblospio benedicti	4
BR	07OCT2003	B	3	Mediomastus ambiseta	4
BR	07OCT2003	B	3	Nemertinea (unidentified)	2
BR	07OCT2003	B	3	Streblospio benedicti	7
BR	07OCT2003	C	1	Mulinia lateralis	1
BR	07OCT2003	C	1	Nemertinea (unidentified)	1
BR	07OCT2003	C	1	Streblospio benedicti	5
BR	07OCT2003	C	2	Mediomastus ambiseta	1
BR	07OCT2003	C	2	Nemertinea (unidentified)	3
BR	07OCT2003	C	2	Streblospio benedicti	3
BR	07OCT2003	C	3	Mediomastus ambiseta	1
BR	07OCT2003	C	3	Nemertinea (unidentified)	1
BR	07OCT2003	C	3	Streblospio benedicti	5
BR	21JAN2004	A	1	Mediomastus ambiseta	17
BR	21JAN2004	A	1	Parandalia ocularis	1
BR	21JAN2004	A	1	Streblospio benedicti	2
BR	21JAN2004	A	2	Mediomastus ambiseta	4
BR	21JAN2004	A	2	Oligochaetes (unidentified)	1
BR	21JAN2004	A	2	Polydora caulleryi	3
BR	21JAN2004	A	2	Streblospio benedicti	25
BR	21JAN2004	A	3	Polydora caulleryi	1
BR	21JAN2004	A	3	Streblospio benedicti	20

BR	21JAN2004	B	1	Mediomastus ambiseta	9
BR	21JAN2004	B	1	Nemertinea (unidentified)	2
BR	21JAN2004	B	2	Mediomastus ambiseta	1
BR	21JAN2004	B	2	Sipuncula (unidentified)	5
BR	21JAN2004	B	2	Streblospio benedicti	3
BR	21JAN2004	B	3	Mediomastus ambiseta	7
BR	21JAN2004	B	3	Nemertinea (unidentified)	1
BR	21JAN2004	B	3	Sipuncula (unidentified)	1
BR	21JAN2004	C	1	Mediomastus ambiseta	2
BR	21JAN2004	C	1	Nemertinea (unidentified)	1
BR	21JAN2004	C	1	No species observed	0
BR	21JAN2004	C	1	Streblospio benedicti	1
BR	21JAN2004	C	2	Anthozoa (unidentified)	1
BR	21JAN2004	C	2	Mediomastus ambiseta	3
BR	21JAN2004	C	2	Nemertinea (unidentified)	1
BR	21JAN2004	C	2	No species observed	0
BR	21JAN2004	C	2	Streblospio benedicti	2
BR	21JAN2004	C	3	Capitella capitata	1
BR	21JAN2004	C	3	Mediomastus ambiseta	6
BR	21JAN2004	C	3	Nemertinea (unidentified)	1
BR	21JAN2004	C	3	Parandalia ocularis	1
BR	21JAN2004	C	3	Streblospio benedicti	1
BR	13APR2004	A	1	Mediomastus ambiseta	12
BR	13APR2004	A	1	Oligochaetes (unidentified)	10
BR	13APR2004	A	1	Parandalia ocularis	1
BR	13APR2004	A	1	Streblospio benedicti	9
BR	13APR2004	A	2	Chironomid larvae	1
BR	13APR2004	A	2	Hydrozoa (unidentified)	3
BR	13APR2004	A	2	Mediomastus ambiseta	2
BR	13APR2004	A	3	Mediomastus ambiseta	3
BR	13APR2004	A	3	Oligochaetes (unidentified)	1
BR	13APR2004	A	3	Streblospio benedicti	2
BR	13APR2004	B	1	Mediomastus ambiseta	3
BR	13APR2004	B	1	Streblospio benedicti	2
BR	13APR2004	B	2	Mediomastus ambiseta	2
BR	13APR2004	B	2	Streblospio benedicti	6
BR	13APR2004	B	3	Mediomastus ambiseta	2
BR	13APR2004	B	3	No species observed	0
BR	13APR2004	B	3	Oligochaetes (unidentified)	2
BR	13APR2004	B	3	Streblospio benedicti	1
BR	13APR2004	C	1	Mediomastus ambiseta	9
BR	13APR2004	C	1	Streblospio benedicti	4
BR	13APR2004	C	2	Mediomastus ambiseta	10
BR	13APR2004	C	2	Sigambra bassi	1
BR	13APR2004	C	3	Capitella capitata	7
BR	13APR2004	C	3	Edotea montosa	1
BR	13APR2004	C	3	Mediomastus ambiseta	5
BR	13APR2004	C	3	Streblospio benedicti	8
BR	21JUL2004	A	1	Mediomastus ambiseta	4
BR	21JUL2004	A	1	Oligochaetes (unidentified)	1
BR	21JUL2004	A	2	Mediomastus ambiseta	3
BR	21JUL2004	A	2	Nemertinea (unidentified)	1
BR	21JUL2004	A	3	Mediomastus ambiseta	1
BR	21JUL2004	A	3	No species observed	0
BR	21JUL2004	A	3	Oligochaetes (unidentified)	3

BR	21JUL2004	B	1	Mediomastus ambiseta	7
BR	21JUL2004	B	1	Nemertinea (unidentified)	1
BR	21JUL2004	B	2	Mediomastus ambiseta	1
BR	21JUL2004	B	2	Nemertinea (unidentified)	2
BR	21JUL2004	B	2	No species observed	0
BR	21JUL2004	B	3	Mediomastus ambiseta	2
BR	21JUL2004	B	3	Oligochaetes (unidentified)	5
BR	21JUL2004	B	3	Streblospio benedicti	1
BR	21JUL2004	C	1	Mediomastus ambiseta	14
BR	21JUL2004	C	1	Oligochaetes (unidentified)	1
BR	21JUL2004	C	2	Mediomastus ambiseta	10
BR	21JUL2004	C	2	No species observed	0
BR	21JUL2004	C	2	Oligochaetes (unidentified)	1
BR	21JUL2004	C	3	Mediomastus ambiseta	2
BR	21JUL2004	C	3	Oligochaetes (unidentified)	1
BR	18OCT2004	A	1	Mediomastus ambiseta	17
BR	18OCT2004	A	1	Nemertinea (unidentified)	1
BR	18OCT2004	A	1	Streblospio benedicti	6
BR	18OCT2004	A	2	Mediomastus ambiseta	14
BR	18OCT2004	A	2	Streblospio benedicti	12
BR	18OCT2004	A	3	Mediomastus ambiseta	14
BR	18OCT2004	A	3	Nemertinea (unidentified)	3
BR	18OCT2004	A	3	Oligochaetes (unidentified)	5
BR	18OCT2004	A	3	Streblospio benedicti	67
BR	18OCT2004	B	1	Mediomastus ambiseta	13
BR	18OCT2004	B	1	Nemertinea (unidentified)	1
BR	18OCT2004	B	1	Streblospio benedicti	17
BR	18OCT2004	B	2	Mediomastus ambiseta	13
BR	18OCT2004	B	2	Nemertinea (unidentified)	3
BR	18OCT2004	B	2	Streblospio benedicti	14
BR	18OCT2004	B	3	Mediomastus ambiseta	11
BR	18OCT2004	B	3	Streblospio benedicti	7
BR	18OCT2004	C	1	Edotea montosa	1
BR	18OCT2004	C	1	Mediomastus ambiseta	51
BR	18OCT2004	C	1	Nemertinea (unidentified)	3
BR	18OCT2004	C	1	Oligochaetes (unidentified)	1
BR	18OCT2004	C	1	Parandalia ocularis	1
BR	18OCT2004	C	2	Mediomastus ambiseta	23
BR	18OCT2004	C	2	Nemertinea (unidentified)	1
BR	18OCT2004	C	2	Oligochaetes (unidentified)	5
BR	18OCT2004	C	2	Streblospio benedicti	2
BR	18OCT2004	C	3	Mediomastus ambiseta	6
BR	18OCT2004	C	3	Oligochaetes (unidentified)	1
BR	18OCT2004	C	3	Parandalia ocularis	2
BR	18OCT2004	C	3	Streblospio benedicti	2
BR	18OCT2004	C	3	Tellina texana	1
BR	10JAN2005	A	1	Mediomastus ambiseta	13
BR	10JAN2005	A	1	Nemertinea (unidentified)	1
BR	10JAN2005	A	1	Oligochaetes (unidentified)	1
BR	10JAN2005	A	1	Parandalia ocularis	1
BR	10JAN2005	A	2	Mediomastus ambiseta	18
BR	10JAN2005	A	2	Nemertinea (unidentified)	1
BR	10JAN2005	A	2	Streblospio benedicti	1
BR	10JAN2005	A	3	Mediomastus ambiseta	12
BR	10JAN2005	A	3	Oligochaetes (unidentified)	1

BR	10JAN2005	A	3	<i>Streblospio benedicti</i>	2
BR	10JAN2005	B	1	<i>Mediomastus ambiseta</i>	2
BR	10JAN2005	B	1	Nemertinea (unidentified)	2
BR	10JAN2005	B	2	<i>Mediomastus ambiseta</i>	5
BR	10JAN2005	B	2	Nemertinea (unidentified)	1
BR	10JAN2005	B	3	<i>Mediomastus ambiseta</i>	1
BR	10JAN2005	B	3	Nemertinea (unidentified)	1
BR	10JAN2005	B	3	<i>Parandalia ocularis</i>	1
BR	10JAN2005	B	3	<i>Streblospio benedicti</i>	2
BR	10JAN2005	C	1	<i>Mediomastus ambiseta</i>	13
BR	10JAN2005	C	1	<i>Parandalia ocularis</i>	6
BR	10JAN2005	C	2	<i>Mediomastus ambiseta</i>	11
BR	10JAN2005	C	2	Nemertinea (unidentified)	1
BR	10JAN2005	C	3	<i>Mediomastus ambiseta</i>	6
BR	10JAN2005	C	3	Nemertinea (unidentified)	1
BR	10JAN2005	C	3	<i>Oligochaetes</i> (unidentified)	1
BR	10JAN2005	C	3	<i>Streblospio benedicti</i>	1
BR	21APR2005	A	1	<i>Capitella capitata</i>	1
BR	21APR2005	A	1	<i>Mediomastus ambiseta</i>	13
BR	21APR2005	A	1	Nemertinea (unidentified)	1
BR	21APR2005	A	1	<i>Oligochaetes</i> (unidentified)	2
BR	21APR2005	A	1	<i>Streblospio benedicti</i>	4
BR	21APR2005	A	2	<i>Capitella capitata</i>	1
BR	21APR2005	A	2	<i>Mediomastus ambiseta</i>	10
BR	21APR2005	A	2	<i>Oligochaetes</i> (unidentified)	7
BR	21APR2005	A	2	<i>Streblospio benedicti</i>	1
BR	21APR2005	A	3	<i>Capitella capitata</i>	1
BR	21APR2005	A	3	<i>Mediomastus ambiseta</i>	3
BR	21APR2005	A	3	<i>Oligochaetes</i> (unidentified)	1
BR	21APR2005	A	3	<i>Streblospio benedicti</i>	1
BR	21APR2005	B	1	<i>Mediomastus ambiseta</i>	2
BR	21APR2005	B	1	<i>Oligochaetes</i> (unidentified)	3
BR	21APR2005	B	1	<i>Streblospio benedicti</i>	1
BR	21APR2005	B	2	<i>Mediomastus ambiseta</i>	1
BR	21APR2005	B	2	<i>Oligochaetes</i> (unidentified)	2
BR	21APR2005	B	3	Ceratopogonid larvae	1
BR	21APR2005	B	3	<i>Mediomastus ambiseta</i>	4
BR	21APR2005	B	3	Nereidae (unidentified)	1
BR	21APR2005	B	3	<i>Oligochaetes</i> (unidentified)	8
BR	21APR2005	B	3	<i>Streblospio benedicti</i>	2
BR	21APR2005	C	1	<i>Callinectes sapidus</i>	1
BR	21APR2005	C	1	<i>Capitella capitata</i>	3
BR	21APR2005	C	1	<i>Eteone heteropoda</i>	1
BR	21APR2005	C	1	<i>Mediomastus ambiseta</i>	24
BR	21APR2005	C	1	Nereidae (unidentified)	2
BR	21APR2005	C	1	<i>Streblospio benedicti</i>	17
BR	21APR2005	C	2	<i>Capitella capitata</i>	2
BR	21APR2005	C	2	<i>Mediomastus ambiseta</i>	16
BR	21APR2005	C	2	No species observed	0
BR	21APR2005	C	2	<i>Oligochaetes</i> (unidentified)	1
BR	21APR2005	C	2	<i>Streblospio benedicti</i>	4
BR	21APR2005	C	3	<i>Capitella capitata</i>	2
BR	21APR2005	C	3	<i>Mediomastus ambiseta</i>	18
BR	21APR2005	C	3	Nemertinea (unidentified)	1
BR	21APR2005	C	3	<i>Oligochaetes</i> (unidentified)	5

BR	21APR2005	C	3	Parandalia ocularis	1
BR	21APR2005	C	3	Streblospio benedicti	6
BR	25JUL2005	A	1	Mediomastus ambiseta	9
BR	25JUL2005	A	1	Nemertinea (unidentified)	1
BR	25JUL2005	A	1	Oligochaetes (unidentified)	2
BR	25JUL2005	A	1	Streblospio benedicti	8
BR	25JUL2005	A	2	Mediomastus ambiseta	5
BR	25JUL2005	A	2	Streblospio benedicti	10
BR	25JUL2005	A	3	Mediomastus ambiseta	7
BR	25JUL2005	A	3	Oligochaetes (unidentified)	3
BR	25JUL2005	A	3	Streblospio benedicti	1
BR	25JUL2005	B	1	Laonereis culveri	1
BR	25JUL2005	B	1	Mediomastus ambiseta	5
BR	25JUL2005	B	1	Oligochaetes (unidentified)	2
BR	25JUL2005	B	2	Laonereis culveri	1
BR	25JUL2005	B	2	Mediomastus ambiseta	9
BR	25JUL2005	B	2	Nemertinea (unidentified)	1
BR	25JUL2005	B	2	Oligochaetes (unidentified)	1
BR	25JUL2005	B	2	Parandalia ocularis	1
BR	25JUL2005	B	2	Streblospio benedicti	1
BR	25JUL2005	B	3	Callianassa sp.	1
BR	25JUL2005	B	3	Capitella capitata	2
BR	25JUL2005	B	3	Mediomastus ambiseta	8
BR	25JUL2005	B	3	Nemertinea (unidentified)	1
BR	25JUL2005	B	3	Oligochaetes (unidentified)	1
BR	25JUL2005	B	3	Parandalia ocularis	2
BR	25JUL2005	B	3	Streblospio benedicti	2
BR	25JUL2005	B	3	Tellina texana	1
BR	25JUL2005	C	1	Mediomastus ambiseta	23
BR	25JUL2005	C	1	Oligochaetes (unidentified)	2
BR	25JUL2005	C	1	Paraprionospio pinnata	1
BR	25JUL2005	C	1	Streblospio benedicti	19
BR	25JUL2005	C	2	Mediomastus ambiseta	22
BR	25JUL2005	C	2	Oligochaetes (unidentified)	2
BR	25JUL2005	C	2	Paraprionospio pinnata	1
BR	25JUL2005	C	2	Streblospio benedicti	21
BR	25JUL2005	C	3	Capitella capitata	1
BR	25JUL2005	C	3	Mediomastus ambiseta	5
BR	25JUL2005	C	3	Paraprionospio pinnata	1
BR	25JUL2005	C	3	Streblospio benedicti	12
RG	24OCT2000	A	1	Chironomid larvae	3
RG	24OCT2000	A	1	Macoma mitchelli	1
RG	24OCT2000	A	1	Mediomastus ambiseta	28
RG	24OCT2000	A	1	Nemertinea (unidentified)	6
RG	24OCT2000	A	1	Neritina virginea	4
RG	24OCT2000	A	2	Chironomid larvae	3
RG	24OCT2000	A	2	Macoma mitchelli	3
RG	24OCT2000	A	2	Mediomastus ambiseta	49
RG	24OCT2000	A	2	Mulinia lateralis	2
RG	24OCT2000	A	2	Nemertinea (unidentified)	6
RG	24OCT2000	A	2	Streblospio benedicti	1
RG	24OCT2000	A	3	Chironomid larvae	2
RG	24OCT2000	A	3	Macoma mitchelli	2
RG	24OCT2000	A	3	Mediomastus ambiseta	49
RG	24OCT2000	A	3	Mulinia lateralis	2

RG	24OCT2000	A	3	Nemertinea (unidentified)	7
RG	24OCT2000	A	3	Streblospio benedicti	1
RG	24OCT2000	A	3	Tellidora cristata	1
RG	24OCT2000	B	1	Laeonereis culveri	1
RG	24OCT2000	B	1	Macoma mitchelli	1
RG	24OCT2000	B	1	Mediomastus ambiseta	14
RG	24OCT2000	B	1	Nemertinea (unidentified)	1
RG	24OCT2000	B	1	Neritina virginea	2
RG	24OCT2000	B	1	Streblospio benedicti	1
RG	24OCT2000	B	2	Chironomid larvae	4
RG	24OCT2000	B	2	Laeonereis culveri	1
RG	24OCT2000	B	2	Mediomastus ambiseta	25
RG	24OCT2000	B	2	Nemertinea (unidentified)	1
RG	24OCT2000	B	2	Neritina virginea	1
RG	24OCT2000	B	2	Streblospio benedicti	1
RG	24OCT2000	B	3	Macoma mitchelli	1
RG	24OCT2000	B	3	Mediomastus ambiseta	10
RG	24OCT2000	B	3	Mulinia lateralis	2
RG	24OCT2000	B	3	Nemertinea (unidentified)	5
RG	24OCT2000	B	3	Neritina virginea	2
RG	24OCT2000	B	3	Streblospio benedicti	2
RG	24OCT2000	C	1	Capitella capitata	1
RG	24OCT2000	C	1	Gammarus mucronatus	1
RG	24OCT2000	C	1	Nemertinea (unidentified)	2
RG	24OCT2000	C	1	Oligochaetes (unidentified)	1
RG	24OCT2000	C	1	Streblospio benedicti	16
RG	24OCT2000	C	2	Mediomastus ambiseta	7
RG	24OCT2000	C	2	Nemertinea (unidentified)	2
RG	24OCT2000	C	2	Oligochaetes (unidentified)	1
RG	24OCT2000	C	2	Pseudodiaptomus pelagicus	1
RG	24OCT2000	C	2	Streblospio benedicti	106
RG	24OCT2000	C	3	Neritina virginea	1
RG	24OCT2000	C	3	No species observed	0
RG	24OCT2000	C	3	Oligochaetes (unidentified)	1
RG	24OCT2000	C	3	Streblospio benedicti	1
RG	10JAN2001	A	1	Chironomid larvae	7
RG	10JAN2001	A	1	Macoma mitchelli	6
RG	10JAN2001	A	1	Mediomastus ambiseta	48
RG	10JAN2001	A	1	Nemertinea (unidentified)	2
RG	10JAN2001	A	2	Chironomid larvae	5
RG	10JAN2001	A	2	Macoma mitchelli	5
RG	10JAN2001	A	2	Macoma tenta	1
RG	10JAN2001	A	2	Mediomastus ambiseta	39
RG	10JAN2001	A	2	Nemertinea (unidentified)	3
RG	10JAN2001	A	3	Chironomid larvae	11
RG	10JAN2001	A	3	Macoma mitchelli	5
RG	10JAN2001	A	3	Mediomastus ambiseta	53
RG	10JAN2001	A	3	Nemertinea (unidentified)	4
RG	10JAN2001	A	3	No species observed	0
RG	10JAN2001	B	1	Chironomid larvae	8
RG	10JAN2001	B	1	Mediomastus ambiseta	32
RG	10JAN2001	B	1	Nemertinea (unidentified)	5
RG	10JAN2001	B	1	Neritina virginea	1
RG	10JAN2001	B	1	Streblospio benedicti	1
RG	10JAN2001	B	2	Chironomid larvae	2

RG	10JAN2001	B	2	Macoma mitchelli	2
RG	10JAN2001	B	2	Mediomastus ambiseta	24
RG	10JAN2001	B	2	Nemertinea (unidentified)	1
RG	10JAN2001	B	2	Neritina virginea	2
RG	10JAN2001	B	2	Polydora ligni	1
RG	10JAN2001	B	2	Streblospio benedicti	1
RG	10JAN2001	B	3	Chironomid larvae	3
RG	10JAN2001	B	3	Macoma mitchelli	1
RG	10JAN2001	B	3	Mediomastus ambiseta	17
RG	10JAN2001	B	3	Mulinia lateralis	2
RG	10JAN2001	B	3	Nemertinea (unidentified)	2
RG	10JAN2001	B	3	No species observed	0
RG	10JAN2001	B	3	Streblospio benedicti	3
RG	10JAN2001	C	1	Chironomid larvae	4
RG	10JAN2001	C	1	Macoma mitchelli	7
RG	10JAN2001	C	1	Mediomastus ambiseta	54
RG	10JAN2001	C	1	Nemertinea (unidentified)	1
RG	10JAN2001	C	1	Streblospio benedicti	6
RG	10JAN2001	C	2	Chironomid larvae	2
RG	10JAN2001	C	2	Gammarus mucronatus	2
RG	10JAN2001	C	2	Grandidierella bonnieroides	1
RG	10JAN2001	C	2	Macoma mitchelli	7
RG	10JAN2001	C	2	Mediomastus ambiseta	66
RG	10JAN2001	C	2	Nemertinea (unidentified)	4
RG	10JAN2001	C	2	Streblospio benedicti	9
RG	10JAN2001	C	3	Chironomid larvae	3
RG	10JAN2001	C	3	Corophium louisianum	1
RG	10JAN2001	C	3	Macoma mitchelli	6
RG	10JAN2001	C	3	Mediomastus ambiseta	51
RG	10JAN2001	C	3	Nemertinea (unidentified)	3
RG	10JAN2001	C	3	Neritina virginea	2
RG	10JAN2001	C	3	Streblospio benedicti	5
RG	14APR2001	A	1	Chironomid larvae	23
RG	14APR2001	A	1	Mediomastus ambiseta	25
RG	14APR2001	A	1	Mulinia lateralis	1
RG	14APR2001	A	1	Streblospio benedicti	3
RG	14APR2001	A	2	Chironomid larvae	34
RG	14APR2001	A	2	Mediomastus ambiseta	24
RG	14APR2001	A	2	Oligochaetes (unidentified)	3
RG	14APR2001	A	2	Ostracoda (unidentified)	1
RG	14APR2001	A	3	Chironomid larvae	31
RG	14APR2001	A	3	Mediomastus ambiseta	41
RG	14APR2001	A	3	Nemertinea (unidentified)	4
RG	14APR2001	A	3	Oligochaetes (unidentified)	1
RG	14APR2001	A	3	Streblospio benedicti	2
RG	14APR2001	B	1	Chironomid larvae	17
RG	14APR2001	B	1	Macoma mitchelli	1
RG	14APR2001	B	1	Mediomastus ambiseta	12
RG	14APR2001	B	1	Oligochaetes (unidentified)	1
RG	14APR2001	B	1	Streblospio benedicti	3
RG	14APR2001	B	2	Chironomid larvae	27
RG	14APR2001	B	2	Mediomastus ambiseta	24
RG	14APR2001	B	2	Oligochaetes (unidentified)	3
RG	14APR2001	B	2	Streblospio benedicti	3
RG	14APR2001	B	3	Chironomid larvae	15

RG	14APR2001	B	3	Mediomastus ambiseta	20
RG	14APR2001	B	3	Mulinia lateralis	1
RG	14APR2001	B	3	Nemertinea (unidentified)	2
RG	14APR2001	C	1	Chironomid larvae	20
RG	14APR2001	C	1	Macoma mitchelli	1
RG	14APR2001	C	1	Mediomastus ambiseta	45
RG	14APR2001	C	1	Nemertinea (unidentified)	2
RG	14APR2001	C	1	Neritina virginea	1
RG	14APR2001	C	1	Oligochaetes (unidentified)	4
RG	14APR2001	C	1	Streblospio benedicti	17
RG	14APR2001	C	2	Chironomid larvae	12
RG	14APR2001	C	2	Mediomastus ambiseta	24
RG	14APR2001	C	2	Nemertinea (unidentified)	1
RG	14APR2001	C	2	Neritina virginea	3
RG	14APR2001	C	2	Oligochaetes (unidentified)	3
RG	14APR2001	C	2	Streblospio benedicti	9
RG	14APR2001	C	3	Chironomid larvae	19
RG	14APR2001	C	3	Macoma mitchelli	1
RG	14APR2001	C	3	Mediomastus ambiseta	26
RG	14APR2001	C	3	Nemertinea (unidentified)	1
RG	14APR2001	C	3	Neritina virginea	1
RG	14APR2001	C	3	Streblospio benedicti	4
RG	07JUL2001	A	1	Chironomid larvae	12
RG	07JUL2001	A	1	Mediomastus ambiseta	35
RG	07JUL2001	A	1	Mulinia lateralis	1
RG	07JUL2001	A	1	Nemertinea (unidentified)	2
RG	07JUL2001	A	1	Oligochaetes (unidentified)	2
RG	07JUL2001	A	2	Chironomid larvae	3
RG	07JUL2001	A	2	Mediomastus ambiseta	8
RG	07JUL2001	A	2	Mulinia lateralis	1
RG	07JUL2001	A	2	Oligochaetes (unidentified)	12
RG	07JUL2001	A	2	Polydora sp.	4
RG	07JUL2001	A	3	Chironomid larvae	2
RG	07JUL2001	A	3	Mulinia lateralis	1
RG	07JUL2001	A	3	No species observed	0
RG	07JUL2001	A	3	Oligochaetes (unidentified)	1
RG	07JUL2001	A	3	Polydora sp.	7
RG	07JUL2001	B	1	Chironomid larvae	4
RG	07JUL2001	B	1	Mediomastus ambiseta	18
RG	07JUL2001	B	1	Oligochaetes (unidentified)	1
RG	07JUL2001	B	2	Chironomid larvae	4
RG	07JUL2001	B	2	Mediomastus ambiseta	14
RG	07JUL2001	B	2	Neritina virginea	1
RG	07JUL2001	B	2	Oligochaetes (unidentified)	2
RG	07JUL2001	B	3	Chironomid larvae	6
RG	07JUL2001	B	3	Mediomastus ambiseta	14
RG	07JUL2001	B	3	Neritina virginea	3
RG	07JUL2001	C	1	Chironomid larvae	5
RG	07JUL2001	C	1	Mediomastus ambiseta	5
RG	07JUL2001	C	1	Oligochaetes (unidentified)	2
RG	07JUL2001	C	2	Chironomid larvae	1
RG	07JUL2001	C	2	Mediomastus ambiseta	1
RG	07JUL2001	C	2	Nemertinea (unidentified)	1
RG	07JUL2001	C	3	Ceratopogonid larvae	1
RG	07JUL2001	C	3	Chironomid larvae	4

RG	07JUL2001	C	3	Laeonereis culveri	1
RG	07JUL2001	C	3	Mediomastus ambiseta	2
RG	07JUL2001	C	3	Nemertinea (unidentified)	1
RG	20OCT2001	A	1	Chironomid larvae	6
RG	20OCT2001	A	1	Mediomastus ambiseta	1
RG	20OCT2001	A	1	Mulinia lateralis	1
RG	20OCT2001	A	1	Nemertinea (unidentified)	1
RG	20OCT2001	A	1	Neritina virginea	1
RG	20OCT2001	A	1	No species observed	0
RG	20OCT2001	A	1	Polydora ligni	1
RG	20OCT2001	A	1	Streblospio benedicti	24
RG	20OCT2001	A	2	Chironomid larvae	2
RG	20OCT2001	A	2	Nemertinea (unidentified)	1
RG	20OCT2001	A	2	Polydora ligni	5
RG	20OCT2001	A	2	Streblospio benedicti	41
RG	20OCT2001	A	3	Chironomid larvae	4
RG	20OCT2001	A	3	Nemertinea (unidentified)	1
RG	20OCT2001	A	3	No species observed	0
RG	20OCT2001	A	3	Polydora ligni	2
RG	20OCT2001	A	3	Streblospio benedicti	34
RG	20OCT2001	B	1	Chironomid larvae	5
RG	20OCT2001	B	1	Nemertinea (unidentified)	1
RG	20OCT2001	B	1	No species observed	0
RG	20OCT2001	B	1	Streblospio benedicti	15
RG	20OCT2001	B	2	Chironomid larvae	4
RG	20OCT2001	B	2	Mediomastus ambiseta	5
RG	20OCT2001	B	2	Mulinia lateralis	1
RG	20OCT2001	B	2	Nemertinea (unidentified)	3
RG	20OCT2001	B	2	Neritina virginea	1
RG	20OCT2001	B	2	No species observed	0
RG	20OCT2001	B	2	Streblospio benedicti	11
RG	20OCT2001	B	3	Chironomid larvae	2
RG	20OCT2001	B	3	Mediomastus ambiseta	1
RG	20OCT2001	B	3	Nemertinea (unidentified)	1
RG	20OCT2001	B	3	Neritina virginea	1
RG	20OCT2001	B	3	No species observed	0
RG	20OCT2001	B	3	Streblospio benedicti	16
RG	20OCT2001	C	1	Chironomid larvae	1
RG	20OCT2001	C	1	Mediomastus ambiseta	5
RG	20OCT2001	C	1	Nemertinea (unidentified)	1
RG	20OCT2001	C	1	Streblospio benedicti	4
RG	20OCT2001	C	2	Chironomid larvae	1
RG	20OCT2001	C	2	Laeonereis culveri	2
RG	20OCT2001	C	2	Mediomastus ambiseta	5
RG	20OCT2001	C	2	Streblospio benedicti	2
RG	20OCT2001	C	3	Chironomid larvae	1
RG	20OCT2001	C	3	Mediomastus ambiseta	6
RG	20OCT2001	C	3	Nemertinea (unidentified)	1
RG	20OCT2001	C	3	Streblospio benedicti	4
RG	21JAN2002	A	1	Chironomid larvae	5
RG	21JAN2002	A	1	Mediomastus ambiseta	1
RG	21JAN2002	A	1	Nemertinea (unidentified)	2
RG	21JAN2002	A	1	Neritina virginea	1
RG	21JAN2002	A	1	Oligochaetes (unidentified)	4
RG	21JAN2002	A	1	Streblospio benedicti	12

RG	21JAN2002	A	2	Chironomid larvae	5
RG	21JAN2002	A	2	Laeonereis culveri	1
RG	21JAN2002	A	2	Oligochaetes (unidentified)	5
RG	21JAN2002	A	2	Streblospio benedicti	4
RG	21JAN2002	A	3	Nemertinea (unidentified)	2
RG	21JAN2002	A	3	No species observed	0
RG	21JAN2002	A	3	Streblospio benedicti	2
RG	21JAN2002	B	1	Chironomid larvae	39
RG	21JAN2002	B	1	Mediomastus ambiseta	85
RG	21JAN2002	B	1	Nemertinea (unidentified)	1
RG	21JAN2002	B	1	No species observed	0
RG	21JAN2002	B	1	Oligochaetes (unidentified)	3
RG	21JAN2002	B	1	Streblospio benedicti	1
RG	21JAN2002	B	2	Chironomid larvae	25
RG	21JAN2002	B	2	Diptera (unidentified)	1
RG	21JAN2002	B	2	Mediomastus ambiseta	44
RG	21JAN2002	B	2	Nemertinea (unidentified)	1
RG	21JAN2002	B	2	Oligochaetes (unidentified)	2
RG	21JAN2002	B	2	Streblospio benedicti	1
RG	21JAN2002	B	3	Chironomid larvae	14
RG	21JAN2002	B	3	Corophium louisianum	1
RG	21JAN2002	B	3	Laeonereis culveri	1
RG	21JAN2002	B	3	Mediomastus ambiseta	40
RG	21JAN2002	B	3	Nemertinea (unidentified)	1
RG	21JAN2002	B	3	Streblospio benedicti	1
RG	21JAN2002	C	1	Chironomid larvae	61
RG	21JAN2002	C	1	Laeonereis culveri	2
RG	21JAN2002	C	1	Mediomastus ambiseta	26
RG	21JAN2002	C	1	Nemertinea (unidentified)	2
RG	21JAN2002	C	1	Oligochaetes (unidentified)	4
RG	21JAN2002	C	1	Streblospio benedicti	1
RG	21JAN2002	C	2	Ceratopogonid larvae	1
RG	21JAN2002	C	2	Chironomid larvae	36
RG	21JAN2002	C	2	Mediomastus ambiseta	24
RG	21JAN2002	C	2	Nemertinea (unidentified)	3
RG	21JAN2002	C	2	Streblospio benedicti	2
RG	21JAN2002	C	3	Chironomid larvae	11
RG	21JAN2002	C	3	Corophium louisianum	1
RG	21JAN2002	C	3	Laeonereis culveri	3
RG	21JAN2002	C	3	Mediomastus ambiseta	8
RG	14APR2002	A	1	Chironomid larvae	20
RG	14APR2002	A	1	Mediomastus ambiseta	8
RG	14APR2002	A	1	Nemertinea (unidentified)	1
RG	14APR2002	A	1	Neritina virginea	3
RG	14APR2002	A	2	Abra aequalis	1
RG	14APR2002	A	2	Ceratopogonid larvae	3
RG	14APR2002	A	2	Chironomid larvae	100
RG	14APR2002	A	2	Mediomastus ambiseta	6
RG	14APR2002	A	2	Nemertinea (unidentified)	1
RG	14APR2002	A	2	Neritina virginea	1
RG	14APR2002	A	3	Ceratopogonid larvae	1
RG	14APR2002	A	3	Chironomid larvae	56
RG	14APR2002	A	3	Mediomastus ambiseta	9
RG	14APR2002	A	3	Nemertinea (unidentified)	1
RG	14APR2002	A	3	No species observed	0

RG	14APR2002	B	1	Chironomid larvae	148
RG	14APR2002	B	1	Mediomastus ambiseta	37
RG	14APR2002	B	1	Nemertinea (unidentified)	4
RG	14APR2002	B	1	Streblospio benedicti	2
RG	14APR2002	B	2	Chironomid larvae	170
RG	14APR2002	B	2	Mediomastus ambiseta	30
RG	14APR2002	B	2	Nemertinea (unidentified)	2
RG	14APR2002	B	3	Ceratopogonid larvae	1
RG	14APR2002	B	3	Chironomid larvae	101
RG	14APR2002	B	3	Laonereis culveri	1
RG	14APR2002	B	3	Mediomastus ambiseta	31
RG	14APR2002	B	3	Nemertinea (unidentified)	2
RG	14APR2002	B	3	Neritina virginea	3
RG	14APR2002	B	3	Oligochaetes (unidentified)	2
RG	14APR2002	B	3	Streblospio benedicti	1
RG	14APR2002	C	1	Chironomid larvae	10
RG	14APR2002	C	1	Mediomastus ambiseta	6
RG	14APR2002	C	1	Mysidopsis almyra	1
RG	14APR2002	C	1	Oligochaetes (unidentified)	5
RG	14APR2002	C	1	Streblospio benedicti	10
RG	14APR2002	C	2	Ceratopogonid larvae	1
RG	14APR2002	C	2	Chironomid larvae	17
RG	14APR2002	C	2	Mediomastus ambiseta	2
RG	14APR2002	C	2	Mysidopsis almyra	2
RG	14APR2002	C	2	Nemertinea (unidentified)	2
RG	14APR2002	C	2	Oligochaetes (unidentified)	2
RG	14APR2002	C	2	Streblospio benedicti	1
RG	14APR2002	C	3	Chironomid larvae	12
RG	14APR2002	C	3	Oligochaetes (unidentified)	2
RG	14APR2002	C	3	Streblospio benedicti	5
RG	09JUL2002	A	1	Ceratopogonid larvae	4
RG	09JUL2002	A	1	Chironomid larvae	88
RG	09JUL2002	A	1	Damselfly numphs	1
RG	09JUL2002	A	1	No species observed	0
RG	09JUL2002	A	1	Oligochaetes (unidentified)	21
RG	09JUL2002	A	2	Ceratopogonid larvae	2
RG	09JUL2002	A	2	Chironomid larvae	97
RG	09JUL2002	A	2	Ilyocryptus spinifer	3
RG	09JUL2002	A	2	Mediomastus ambiseta	1
RG	09JUL2002	A	2	Oligochaetes (unidentified)	82
RG	09JUL2002	A	2	Polydora socialis	1
RG	09JUL2002	A	3	Chironomid larvae	104
RG	09JUL2002	A	3	Oligochaetes (unidentified)	45
RG	09JUL2002	A	3	Pelecypoda (unidentified)	2
RG	09JUL2002	A	3	Polydora socialis	1
RG	09JUL2002	B	1	Chironomid larvae	146
RG	09JUL2002	B	1	Ilyocryptus spinifer	6
RG	09JUL2002	B	1	Nemertinea (unidentified)	3
RG	09JUL2002	B	1	Oligochaetes (unidentified)	35
RG	09JUL2002	B	2	Ceratopogonid larvae	1
RG	09JUL2002	B	2	Chironomid larvae	174
RG	09JUL2002	B	2	Ilyocryptus spinifer	5
RG	09JUL2002	B	2	Nemertinea (unidentified)	4
RG	09JUL2002	B	2	No species observed	0
RG	09JUL2002	B	2	Oligochaetes (unidentified)	38

RG	09JUL2002	B	2	Pelecypoda (unidentified)	1
RG	09JUL2002	B	3	Ceratopogonid larvae	1
RG	09JUL2002	B	3	Chironomid larvae	142
RG	09JUL2002	B	3	Ilyocryptus spinifer	3
RG	09JUL2002	B	3	Nemertinea (unidentified)	4
RG	09JUL2002	B	3	Oligochaetes (unidentified)	48
RG	09JUL2002	D	1	Ceratopogonid larvae	1
RG	09JUL2002	D	1	Chironomid larvae	80
RG	09JUL2002	D	1	Laeonereis culveri	1
RG	09JUL2002	D	1	Nemertinea (unidentified)	1
RG	09JUL2002	D	2	Chironomid larvae	95
RG	09JUL2002	D	2	Mediomastus ambiseta	1
RG	09JUL2002	D	2	Nemertinea (unidentified)	1
RG	09JUL2002	D	2	Nereidae (unidentified)	1
RG	09JUL2002	D	3	Chironomid larvae	76
RG	09JUL2002	D	3	Nemertinea (unidentified)	1
RG	09JUL2002	D	3	Oligochaetes (unidentified)	1
RG	19OCT2002	A	1	Chironomid larvae	6
RG	19OCT2002	A	1	Ilyocryptus spinifer	3
RG	19OCT2002	A	1	Penaeus setiferus	1
RG	19OCT2002	A	1	Potamanthidae (unidentified)	19
RG	19OCT2002	A	2	Ceratopogonid larvae	1
RG	19OCT2002	A	2	Chironomid larvae	9
RG	19OCT2002	A	2	Mulinia lateralis	1
RG	19OCT2002	A	2	Nemertinea (unidentified)	2
RG	19OCT2002	A	2	Oligochaetes (unidentified)	6
RG	19OCT2002	A	2	Potamanthidae (unidentified)	20
RG	19OCT2002	A	3	Ceratopogonid larvae	1
RG	19OCT2002	A	3	Chironomid larvae	11
RG	19OCT2002	A	3	Munnidae sp.	1
RG	19OCT2002	A	3	Nemertinea (unidentified)	1
RG	19OCT2002	A	3	Oligochaetes (unidentified)	1
RG	19OCT2002	A	3	Potamanthidae (unidentified)	19
RG	19OCT2002	B	1	Chironomid larvae	7
RG	19OCT2002	B	1	Potamanthidae (unidentified)	4
RG	19OCT2002	B	2	Ceratopogonid larvae	2
RG	19OCT2002	B	2	Chironomid larvae	3
RG	19OCT2002	B	2	Potamanthidae (unidentified)	2
RG	19OCT2002	B	3	Chironomid larvae	8
RG	19OCT2002	B	3	Potamanthidae (unidentified)	4
RG	19OCT2002	C	1	Mediomastus ambiseta	1
RG	19OCT2002	C	1	No species observed	0
RG	19OCT2002	C	2	No species observed	0
RG	19OCT2002	C	3	No species observed	0
RG	19OCT2002	D	1	Ceratopogonid larvae	2
RG	19OCT2002	D	1	Chironomid larvae	11
RG	19OCT2002	D	1	Laeonereis culveri	4
RG	19OCT2002	D	2	Ceratopogonid larvae	5
RG	19OCT2002	D	2	Chironomid larvae	7
RG	19OCT2002	D	2	Laeonereis culveri	4
RG	19OCT2002	D	3	Ceratopogonid larvae	2
RG	19OCT2002	D	3	Chironomid larvae	4
RG	19OCT2002	D	3	Laeonereis culveri	8
RG	19OCT2002	D	3	Nemertinea (unidentified)	1
RG	19OCT2002	D	3	Polydora ligni	5

RG	19OCT2002	E	1	Mediomastus ambiseta	1
RG	19OCT2002	E	1	Nemertinea (unidentified)	2
RG	19OCT2002	E	1	Streblospio benedicti	1
RG	19OCT2002	E	2	Nemertinea (unidentified)	1
RG	19OCT2002	E	2	No species observed	0
RG	19OCT2002	E	2	Streblospio benedicti	1
RG	19OCT2002	E	3	No species observed	0
RG	19OCT2002	E	3	Streblospio benedicti	2
RG	10JAN2003	A	1	Ceratopogonid larvae	1
RG	10JAN2003	A	1	Chironomid larvae	35
RG	10JAN2003	A	1	Nemertinea (unidentified)	1
RG	10JAN2003	A	1	No species observed	0
RG	10JAN2003	A	2	Chironomid larvae	38
RG	10JAN2003	A	2	No species observed	0
RG	10JAN2003	A	3	Ceratopogonid larvae	5
RG	10JAN2003	A	3	Chironomid larvae	16
RG	10JAN2003	A	3	Nemertinea (unidentified)	1
RG	10JAN2003	A	3	No species observed	0
RG	10JAN2003	B	1	Ceratopogonid larvae	1
RG	10JAN2003	B	1	Chironomid larvae	6
RG	10JAN2003	B	1	No species observed	0
RG	10JAN2003	B	2	Chironomid larvae	12
RG	10JAN2003	B	2	No species observed	0
RG	10JAN2003	B	3	Chironomid larvae	3
RG	10JAN2003	B	3	No species observed	0
RG	10JAN2003	B	3	Streblospio benedicti	1
RG	10JAN2003	C	1	Mediomastus ambiseta	1
RG	10JAN2003	C	1	No species observed	0
RG	10JAN2003	C	1	Polydora sp.	3
RG	10JAN2003	C	1	Streblospio benedicti	1
RG	10JAN2003	C	2	Polydora sp.	3
RG	10JAN2003	C	2	Rangia flexuosa	1
RG	10JAN2003	C	3	No species observed	0
RG	10JAN2003	C	3	Polydora sp.	1
RG	10JAN2003	D	1	No species observed	0
RG	10JAN2003	D	2	Laeonereis culveri	1
RG	10JAN2003	D	2	Nemertinea (unidentified)	1
RG	10JAN2003	D	3	No species observed	0
RG	10JAN2003	D	3	Streblospio benedicti	1
RG	10JAN2003	E	1	Mediomastus ambiseta	1
RG	10JAN2003	E	1	Polydora ligni	5
RG	10JAN2003	E	1	Streblospio benedicti	2
RG	10JAN2003	E	2	Neritina virginea	1
RG	10JAN2003	E	2	No species observed	0
RG	10JAN2003	E	2	Polydora ligni	4
RG	10JAN2003	E	2	Streblospio benedicti	3
RG	10JAN2003	E	3	Nemertinea (unidentified)	1
RG	10JAN2003	E	3	No species observed	0
RG	05APR2003	A	1	Ceratopogonid larvae	1
RG	05APR2003	A	1	Chironomid larvae	104
RG	05APR2003	A	1	No species observed	0
RG	05APR2003	A	1	Polydora ligni	9
RG	05APR2003	A	2	Chironomid larvae	103
RG	05APR2003	A	2	Laeonereis culveri	1
RG	05APR2003	A	2	Nemertinea (unidentified)	2

RG	05APR2003	A	2	Oligochaetes (unidentified)	1
RG	05APR2003	A	2	Polydora ligni	2
RG	05APR2003	A	3	Ceratopogonid larvae	2
RG	05APR2003	A	3	Chironomid larvae	150
RG	05APR2003	A	3	No species observed	0
RG	05APR2003	A	3	Oligochaetes (unidentified)	2
RG	05APR2003	A	3	Ostracoda (unidentified)	1
RG	05APR2003	A	3	Polydora ligni	10
RG	05APR2003	A	3	Streblospio benedicti	1
RG	05APR2003	B	1	Ceratopogonid larvae	1
RG	05APR2003	B	1	Chironomid larvae	49
RG	05APR2003	B	1	No species observed	0
RG	05APR2003	B	1	Streblospio benedicti	3
RG	05APR2003	B	2	Chironomid larvae	36
RG	05APR2003	B	2	No species observed	0
RG	05APR2003	B	2	Ostracoda (unidentified)	1
RG	05APR2003	B	2	Streblospio benedicti	2
RG	05APR2003	B	3	Chironomid larvae	46
RG	05APR2003	B	3	Polydora ligni	1
RG	05APR2003	C	1	Ceratopogonid larvae	1
RG	05APR2003	C	1	Chironomid larvae	6
RG	05APR2003	C	1	Heteromastus filiformis	1
RG	05APR2003	C	1	Laeonereis culveri	1
RG	05APR2003	C	1	Mediomastus ambiseta	2
RG	05APR2003	C	1	Nemertinea (unidentified)	1
RG	05APR2003	C	1	Oligochaetes (unidentified)	1
RG	05APR2003	C	1	Polydora ligni	2
RG	05APR2003	C	1	Streblospio benedicti	9
RG	05APR2003	C	2	Chironomid larvae	2
RG	05APR2003	C	2	Heteromastus filiformis	1
RG	05APR2003	C	2	Mediomastus ambiseta	3
RG	05APR2003	C	2	Nemertinea (unidentified)	2
RG	05APR2003	C	2	Oligochaetes (unidentified)	2
RG	05APR2003	C	2	Polydora ligni	2
RG	05APR2003	C	2	Streblospio benedicti	19
RG	05APR2003	C	3	Chironomid larvae	1
RG	05APR2003	C	3	Laeonereis culveri	1
RG	05APR2003	C	3	Mediomastus ambiseta	2
RG	05APR2003	C	3	Oligochaetes (unidentified)	1
RG	05APR2003	C	3	Polydora ligni	1
RG	05APR2003	C	3	Streblospio benedicti	12
RG	05APR2003	D	1	Ceratopogonid larvae	4
RG	05APR2003	D	1	Chironomid larvae	10
RG	05APR2003	D	1	Corophium louisianum	4
RG	05APR2003	D	1	Exogone sp.	2
RG	05APR2003	D	1	Laeonereis culveri	12
RG	05APR2003	D	1	Mediomastus ambiseta	1
RG	05APR2003	D	1	Nemertinea (unidentified)	10
RG	05APR2003	D	1	Neritina virginea	10
RG	05APR2003	D	1	Oligochaetes (unidentified)	29
RG	05APR2003	D	1	Polydora ligni	55
RG	05APR2003	D	1	Sabellidae (unidentified)	1
RG	05APR2003	D	1	Streblospio benedicti	72
RG	05APR2003	D	2	Chironomid larvae	9
RG	05APR2003	D	2	Ilyocypris spinifer	1

RG	05APR2003	D	2	Laeonereis culveri	22
RG	05APR2003	D	2	Mediomastus ambiseta	3
RG	05APR2003	D	2	Nemertinea (unidentified)	4
RG	05APR2003	D	2	Neritina virginea	6
RG	05APR2003	D	2	Oligochaetes (unidentified)	34
RG	05APR2003	D	2	Polydora ligni	26
RG	05APR2003	D	2	Streblospio benedicti	59
RG	05APR2003	D	2	Texidina sphinctostoma	1
RG	05APR2003	D	3	Capitellidae (unidentified)	1
RG	05APR2003	D	3	Ceratopogonid larvae	2
RG	05APR2003	D	3	Chironomid larvae	7
RG	05APR2003	D	3	Corophium louisianum	2
RG	05APR2003	D	3	Laeonereis culveri	17
RG	05APR2003	D	3	Mediomastus ambiseta	4
RG	05APR2003	D	3	Mulinia lateralis	1
RG	05APR2003	D	3	Nemertinea (unidentified)	7
RG	05APR2003	D	3	Neritina virginea	1
RG	05APR2003	D	3	Nudibranchia (unidentified)	2
RG	05APR2003	D	3	Oligochaetes (unidentified)	15
RG	05APR2003	D	3	Polydora ligni	24
RG	05APR2003	D	3	Streblospio benedicti	47
RG	05APR2003	E	1	Laeonereis culveri	2
RG	05APR2003	E	1	Mediomastus ambiseta	1
RG	05APR2003	E	1	Nemertinea (unidentified)	2
RG	05APR2003	E	1	Oligochaetes (unidentified)	5
RG	05APR2003	E	1	Streblospio benedicti	28
RG	05APR2003	E	1	Texidina sphinctostoma	1
RG	05APR2003	E	2	Laeonereis culveri	1
RG	05APR2003	E	2	Mediomastus ambiseta	3
RG	05APR2003	E	2	Mulinia lateralis	1
RG	05APR2003	E	2	Streblospio benedicti	23
RG	05APR2003	E	2	Tagelus plebeius	1
RG	05APR2003	E	3	Ceratopogonid larvae	2
RG	05APR2003	E	3	Laeonereis culveri	1
RG	05APR2003	E	3	Mediomastus ambiseta	1
RG	05APR2003	E	3	Nemertinea (unidentified)	3
RG	05APR2003	E	3	Neritina virginea	2
RG	05APR2003	E	3	Potamanthidae (unidentified)	2
RG	05APR2003	E	3	Samythella eliasoni	1
RG	05APR2003	E	3	Streblospio benedicti	17
RG	11JUL2003	A	1	Brachidontes exustus	8
RG	11JUL2003	A	1	Ceratopogonid larvae	6
RG	11JUL2003	A	1	Chironomid larvae	4
RG	11JUL2003	A	1	Laeonereis culveri	2
RG	11JUL2003	A	1	Mediomastus ambiseta	1
RG	11JUL2003	A	1	Mulinia lateralis	4
RG	11JUL2003	A	1	Nemertinea (unidentified)	1
RG	11JUL2003	A	1	Ostracoda (unidentified)	4
RG	11JUL2003	A	1	Pelecypoda (unidentified)	2
RG	11JUL2003	A	1	Streblospio benedicti	4
RG	11JUL2003	A	2	Brachidontes exustus	5
RG	11JUL2003	A	2	Ceratopogonid larvae	7
RG	11JUL2003	A	2	Chironomid larvae	4
RG	11JUL2003	A	2	Mulinia lateralis	2
RG	11JUL2003	A	2	No species observed	0

RG	11JUL2003	A	3	Brachidontes exustus	12
RG	11JUL2003	A	3	Ceratopogonid larvae	11
RG	11JUL2003	A	3	Chironomid larvae	2
RG	11JUL2003	A	3	Laeonereis culveri	2
RG	11JUL2003	A	3	Mediomastus ambiseta	1
RG	11JUL2003	A	3	Nemertinea (unidentified)	2
RG	11JUL2003	A	3	No species observed	0
RG	11JUL2003	A	3	Ostracoda (unidentified)	3
RG	11JUL2003	A	3	Pelecypoda (unidentified)	2
RG	11JUL2003	A	3	Streblospio benedicti	1
RG	11JUL2003	B	1	Brachidontes exustus	10
RG	11JUL2003	B	1	Ceratopogonid larvae	2
RG	11JUL2003	B	1	Chironomid larvae	15
RG	11JUL2003	B	1	Corophium louisianum	53
RG	11JUL2003	B	1	Mediomastus ambiseta	5
RG	11JUL2003	B	1	Mulinia lateralis	2
RG	11JUL2003	B	1	Nemertinea (unidentified)	3
RG	11JUL2003	B	1	Neritina virginea	1
RG	11JUL2003	B	1	Pelecypoda (unidentified)	1
RG	11JUL2003	B	1	Streblospio benedicti	2
RG	11JUL2003	B	2	Brachidontes exustus	5
RG	11JUL2003	B	2	Ceratopogonid larvae	1
RG	11JUL2003	B	2	Chironomid larvae	15
RG	11JUL2003	B	2	Corophium louisianum	25
RG	11JUL2003	B	2	Laeonereis culveri	1
RG	11JUL2003	B	2	Mediomastus ambiseta	6
RG	11JUL2003	B	2	Mulinia lateralis	1
RG	11JUL2003	B	2	Nemertinea (unidentified)	2
RG	11JUL2003	B	2	Ostracoda (unidentified)	1
RG	11JUL2003	B	2	Pelecypoda (unidentified)	1
RG	11JUL2003	B	2	Texidina sphinctostoma	1
RG	11JUL2003	B	3	Brachidontes exustus	17
RG	11JUL2003	B	3	Ceratopogonid larvae	2
RG	11JUL2003	B	3	Chironomid larvae	54
RG	11JUL2003	B	3	Corophium louisianum	86
RG	11JUL2003	B	3	Macoma mitchelli	3
RG	11JUL2003	B	3	Mediomastus ambiseta	4
RG	11JUL2003	B	3	Mulinia lateralis	2
RG	11JUL2003	B	3	Nemertinea (unidentified)	3
RG	11JUL2003	B	3	Pelecypoda (unidentified)	1
RG	11JUL2003	C	1	Chironomid larvae	1
RG	11JUL2003	C	1	Macoma mitchelli	1
RG	11JUL2003	C	1	Mediomastus ambiseta	123
RG	11JUL2003	C	1	Mulinia lateralis	1
RG	11JUL2003	C	1	Nemertinea (unidentified)	2
RG	11JUL2003	C	1	Streblospio benedicti	2
RG	11JUL2003	C	2	Chironomid larvae	4
RG	11JUL2003	C	2	Laeonereis culveri	1
RG	11JUL2003	C	2	Macoma mitchelli	1
RG	11JUL2003	C	2	Mediomastus ambiseta	145
RG	11JUL2003	C	2	Mulinia lateralis	3
RG	11JUL2003	C	2	Nemertinea (unidentified)	4
RG	11JUL2003	C	2	Streblospio benedicti	3
RG	11JUL2003	C	2	Texidina sphinctostoma	2
RG	11JUL2003	C	3	Chironomid larvae	2

RG	11JUL2003	C	3	Macoma mitchelli	1
RG	11JUL2003	C	3	Mediomastus ambiseta	112
RG	11JUL2003	C	3	Nemertinea (unidentified)	4
RG	11JUL2003	C	3	Streblospio benedicti	1
RG	11JUL2003	D	1	Chironomid larvae	5
RG	11JUL2003	D	1	Laeonereis culveri	2
RG	11JUL2003	D	1	Macoma mitchelli	5
RG	11JUL2003	D	1	Mediomastus ambiseta	45
RG	11JUL2003	D	1	Mulinia lateralis	2
RG	11JUL2003	D	1	Nemertinea (unidentified)	5
RG	11JUL2003	D	1	Neritina virginea	5
RG	11JUL2003	D	1	Streblospio benedicti	1
RG	11JUL2003	D	2	Chironomid larvae	3
RG	11JUL2003	D	2	Laeonereis culveri	1
RG	11JUL2003	D	2	Macoma mitchelli	2
RG	11JUL2003	D	2	Mediomastus ambiseta	74
RG	11JUL2003	D	2	Nemertinea (unidentified)	2
RG	11JUL2003	D	2	Neritina virginea	7
RG	11JUL2003	D	3	Chironomid larvae	15
RG	11JUL2003	D	3	Macoma mitchelli	1
RG	11JUL2003	D	3	Mediomastus ambiseta	34
RG	11JUL2003	D	3	Mulinia lateralis	4
RG	11JUL2003	D	3	Nemertinea (unidentified)	1
RG	11JUL2003	D	3	Neritina virginea	3
RG	11JUL2003	D	3	Streblospio benedicti	2
RG	11JUL2003	E	1	Chironomid larvae	3
RG	11JUL2003	E	1	Mediomastus ambiseta	21
RG	11JUL2003	E	1	Nemertinea (unidentified)	4
RG	11JUL2003	E	1	Neritina virginea	5
RG	11JUL2003	E	1	Streblospio benedicti	3
RG	11JUL2003	E	2	Chironomid larvae	1
RG	11JUL2003	E	2	Mediomastus ambiseta	16
RG	11JUL2003	E	2	Neritina virginea	2
RG	11JUL2003	E	2	Streblospio benedicti	3
RG	11JUL2003	E	3	Mediomastus ambiseta	7
RG	11JUL2003	E	3	Neritina virginea	4
RG	11JUL2003	E	3	No species observed	0
RG	11JUL2003	E	3	Streblospio benedicti	1
RG	17NOV2003	A	1	No species observed	0
RG	17NOV2003	A	1	Streblospio benedicti	1
RG	17NOV2003	A	2	Mediomastus ambiseta	1
RG	17NOV2003	A	2	No species observed	0
RG	17NOV2003	A	3	No species observed	0
RG	17NOV2003	B	1	No species observed	0
RG	17NOV2003	B	2	Chironomid larvae	1
RG	17NOV2003	B	2	No species observed	0
RG	17NOV2003	B	3	No species observed	0
RG	17NOV2003	C	1	Mediomastus ambiseta	1
RG	17NOV2003	C	1	Nemertinea (unidentified)	2
RG	17NOV2003	C	1	No species observed	0
RG	17NOV2003	C	2	Chironomid larvae	1
RG	17NOV2003	C	2	Macoma mitchelli	1
RG	17NOV2003	C	2	Mediomastus ambiseta	4
RG	17NOV2003	C	2	Nemertinea (unidentified)	1
RG	17NOV2003	C	2	Neritina virginea	1

RG	17NOV2003	C	3	Chironomid larvae	1
RG	17NOV2003	C	3	Mediomastus ambiseta	7
RG	17NOV2003	D	1	Nemertinea (unidentified)	1
RG	17NOV2003	D	1	Texidina sphinctostoma	1
RG	17NOV2003	D	2	Chironomid larvae	3
RG	17NOV2003	D	2	Mediomastus ambiseta	1
RG	17NOV2003	D	2	Mulinia lateralis	1
RG	17NOV2003	D	2	Nemertinea (unidentified)	3
RG	17NOV2003	D	2	Neritina virginea	1
RG	17NOV2003	D	2	No species observed	0
RG	17NOV2003	D	3	Nemertinea (unidentified)	2
RG	17NOV2003	D	3	Neritina virginea	1
RG	17NOV2003	D	3	No species observed	0
RG	17NOV2003	E	1	Chironomid larvae	5
RG	17NOV2003	E	1	Neritina virginea	7
RG	17NOV2003	E	1	No species observed	0
RG	17NOV2003	E	2	Neritina virginea	2
RG	17NOV2003	E	2	No species observed	0
RG	17NOV2003	E	3	No species observed	0
RG	05JAN2004	A	1	Chironomid larvae	28
RG	05JAN2004	A	1	Mediomastus ambiseta	2
RG	05JAN2004	A	1	No species observed	0
RG	05JAN2004	A	1	Oligochaetes (unidentified)	2
RG	05JAN2004	A	1	Streblospio benedicti	2
RG	05JAN2004	A	2	Ceratopogonid larvae	1
RG	05JAN2004	A	2	Chironomid larvae	8
RG	05JAN2004	A	2	No species observed	0
RG	05JAN2004	A	2	Oligochaetes (unidentified)	3
RG	05JAN2004	A	2	Ostracoda (unidentified)	1
RG	05JAN2004	A	2	Polydora ligni	1
RG	05JAN2004	A	2	Streblospio benedicti	2
RG	05JAN2004	A	3	Chironomid larvae	31
RG	05JAN2004	A	3	No species observed	0
RG	05JAN2004	A	3	Oligochaetes (unidentified)	4
RG	05JAN2004	A	3	Streblospio benedicti	1
RG	05JAN2004	B	1	Chironomid larvae	2
RG	05JAN2004	B	1	Neritina virginea	1
RG	05JAN2004	B	1	No species observed	0
RG	05JAN2004	B	1	Streblospio benedicti	4
RG	05JAN2004	B	2	Chironomid larvae	1
RG	05JAN2004	B	2	No species observed	0
RG	05JAN2004	B	2	Streblospio benedicti	1
RG	05JAN2004	B	3	Chironomid larvae	2
RG	05JAN2004	B	3	No species observed	0
RG	05JAN2004	C	1	Chironomid larvae	3
RG	05JAN2004	C	1	Mediomastus ambiseta	4
RG	05JAN2004	C	1	No species observed	0
RG	05JAN2004	C	1	Streblospio benedicti	1
RG	05JAN2004	C	2	Mediomastus ambiseta	2
RG	05JAN2004	C	2	No species observed	0
RG	05JAN2004	C	3	Mediomastus ambiseta	3
RG	05JAN2004	C	3	No species observed	0
RG	05JAN2004	C	3	Streblospio benedicti	1
RG	05JAN2004	D	1	Chironomid larvae	24
RG	05JAN2004	D	1	Mediomastus ambiseta	5

RG	05JAN2004	D	1	No species observed	0
RG	05JAN2004	D	1	Streblospio benedicti	1
RG	05JAN2004	D	2	Chironomid larvae	22
RG	05JAN2004	D	2	Macoma mitchelli	2
RG	05JAN2004	D	2	Mediomastus ambiseta	1
RG	05JAN2004	D	2	Neritina virginea	3
RG	05JAN2004	D	2	Streblospio benedicti	1
RG	05JAN2004	D	3	Chironomid larvae	36
RG	05JAN2004	D	3	Mediomastus ambiseta	4
RG	05JAN2004	D	3	Mulinia lateralis	1
RG	05JAN2004	D	3	Nemertinea (unidentified)	1
RG	05JAN2004	D	3	No species observed	0
RG	05JAN2004	D	3	Streblospio benedicti	1
RG	05JAN2004	E	1	Chironomid larvae	3
RG	05JAN2004	E	1	Mediomastus ambiseta	10
RG	05JAN2004	E	1	Neritina virginea	1
RG	05JAN2004	E	1	No species observed	0
RG	05JAN2004	E	1	Streblospio benedicti	6
RG	05JAN2004	E	2	Chironomid larvae	6
RG	05JAN2004	E	2	Mediomastus ambiseta	12
RG	05JAN2004	E	2	Polydora sp.	1
RG	05JAN2004	E	2	Streblospio benedicti	7
RG	05JAN2004	E	3	Chironomid larvae	3
RG	05JAN2004	E	3	Mediomastus ambiseta	10
RG	05JAN2004	E	3	Streblospio benedicti	7
RG	10APR2004	A	1	Ceratopogonid larvae	3
RG	10APR2004	A	1	Chironomid larvae	14
RG	10APR2004	A	1	Oligochaetes (unidentified)	24
RG	10APR2004	A	1	Polydora ligni	1
RG	10APR2004	A	2	Chironomid larvae	27
RG	10APR2004	A	2	Laeonereis culveri	1
RG	10APR2004	A	2	No species observed	0
RG	10APR2004	A	2	Oligochaetes (unidentified)	24
RG	10APR2004	A	2	Streblospio benedicti	1
RG	10APR2004	A	3	Ceratopogonid larvae	2
RG	10APR2004	A	3	Chironomid larvae	10
RG	10APR2004	A	3	Laeonereis culveri	1
RG	10APR2004	A	3	Oligochaetes (unidentified)	16
RG	10APR2004	A	3	Streblospio benedicti	1
RG	10APR2004	B	1	Chironomid larvae	5
RG	10APR2004	B	1	Laeonereis culveri	1
RG	10APR2004	B	1	No species observed	0
RG	10APR2004	B	1	Oligochaetes (unidentified)	8
RG	10APR2004	B	1	Streblospio benedicti	1
RG	10APR2004	B	2	Chironomid larvae	7
RG	10APR2004	B	2	No species observed	0
RG	10APR2004	B	2	Oligochaetes (unidentified)	6
RG	10APR2004	B	2	Pelecypoda (unidentified)	1
RG	10APR2004	B	2	Streblospio benedicti	3
RG	10APR2004	B	3	Chironomid larvae	2
RG	10APR2004	B	3	Laeonereis culveri	1
RG	10APR2004	B	3	No species observed	0
RG	10APR2004	B	3	Oligochaetes (unidentified)	7
RG	10APR2004	B	3	Streblospio benedicti	8
RG	10APR2004	C	1	Chironomid larvae	2

RG	10APR2004	C	1	Mediomastus ambiseta	8
RG	10APR2004	C	1	Streblospio benedicti	8
RG	10APR2004	C	2	Chironomid larvae	8
RG	10APR2004	C	2	Mediomastus ambiseta	5
RG	10APR2004	C	2	Streblospio benedicti	6
RG	10APR2004	C	3	Chironomid larvae	3
RG	10APR2004	C	3	Mediomastus ambiseta	5
RG	10APR2004	C	3	Oligochaetes (unidentified)	2
RG	10APR2004	C	3	Streblospio benedicti	5
RG	10APR2004	D	1	Chironomid larvae	2
RG	10APR2004	D	1	Laonereis culveri	1
RG	10APR2004	D	1	Mediomastus ambiseta	6
RG	10APR2004	D	1	Nemertinea (unidentified)	1
RG	10APR2004	D	1	Neritina virginea	1
RG	10APR2004	D	1	Oligochaetes (unidentified)	2
RG	10APR2004	D	1	Streblospio benedicti	9
RG	10APR2004	D	2	Chironomid larvae	2
RG	10APR2004	D	2	Mediomastus ambiseta	3
RG	10APR2004	D	2	Neritina virginea	2
RG	10APR2004	D	2	No species observed	0
RG	10APR2004	D	2	Oligochaetes (unidentified)	2
RG	10APR2004	D	2	Streblospio benedicti	14
RG	10APR2004	D	3	Chironomid larvae	8
RG	10APR2004	D	3	Mediomastus ambiseta	2
RG	10APR2004	D	3	Neritina virginea	2
RG	10APR2004	D	3	No species observed	0
RG	10APR2004	D	3	Streblospio benedicti	3
RG	10APR2004	E	1	Chironomid larvae	5
RG	10APR2004	E	1	Laonereis culveri	1
RG	10APR2004	E	1	Mediomastus ambiseta	9
RG	10APR2004	E	1	Oligochaetes (unidentified)	3
RG	10APR2004	E	1	Streblospio benedicti	25
RG	10APR2004	E	2	Chironomid larvae	3
RG	10APR2004	E	2	Mediomastus ambiseta	14
RG	10APR2004	E	2	Oligochaetes (unidentified)	9
RG	10APR2004	E	2	Streblospio benedicti	18
RG	10APR2004	E	3	Chironomid larvae	10
RG	10APR2004	E	3	Mediomastus ambiseta	10
RG	10APR2004	E	3	Neritina virginea	1
RG	10APR2004	E	3	Oligochaetes (unidentified)	9
RG	10APR2004	E	3	Streblospio benedicti	5
RG	08JUL2004	A	1	No species observed	0
RG	08JUL2004	A	1	Oligochaetes (unidentified)	5
RG	08JUL2004	A	1	Polydora websteri	4
RG	08JUL2004	A	2	No species observed	0
RG	08JUL2004	A	2	Polydora websteri	2
RG	08JUL2004	A	3	Ceratopogonid larvae	20
RG	08JUL2004	A	3	No species observed	0
RG	08JUL2004	A	3	Oligochaetes (unidentified)	11
RG	08JUL2004	B	1	Ceratopogonid larvae	1
RG	08JUL2004	B	1	No species observed	0
RG	08JUL2004	B	1	Oligochaetes (unidentified)	1
RG	08JUL2004	B	2	Ceratopogonid larvae	1
RG	08JUL2004	B	2	Chironomid larvae	1
RG	08JUL2004	B	2	No species observed	0

RG	08JUL2004	B	2	Oligochaetes (unidentified)	1
RG	08JUL2004	B	3	Ceratopogonid larvae	12
RG	08JUL2004	B	3	Oligochaetes (unidentified)	1
RG	08JUL2004	C	1	Mediomastus ambiseta	3
RG	08JUL2004	C	1	Nemertinea (unidentified)	1
RG	08JUL2004	C	2	Ceratopogonid larvae	2
RG	08JUL2004	C	2	Mediomastus ambiseta	2
RG	08JUL2004	C	2	Neritina virginea	1
RG	08JUL2004	C	3	Mediomastus ambiseta	1
RG	08JUL2004	C	3	No species observed	0
RG	08JUL2004	D	1	Mediomastus ambiseta	2
RG	08JUL2004	D	1	No species observed	0
RG	08JUL2004	D	2	Nemertinea (unidentified)	1
RG	08JUL2004	D	2	No species observed	0
RG	08JUL2004	D	3	Chironomid larvae	1
RG	08JUL2004	D	3	Mediomastus ambiseta	1
RG	08JUL2004	D	3	No species observed	0
RG	08JUL2004	D	3	Streblospio benedicti	2
RG	08JUL2004	E	1	Mediomastus ambiseta	4
RG	08JUL2004	E	1	Streblospio benedicti	2
RG	08JUL2004	E	2	Mediomastus ambiseta	4
RG	08JUL2004	E	2	Streblospio benedicti	2
RG	08JUL2004	E	3	Ceratopogonid larvae	1
RG	08JUL2004	E	3	Chironomid larvae	1
RG	08JUL2004	E	3	Mediomastus ambiseta	1
RG	08JUL2004	E	3	Neritina virginea	1
RG	08JUL2004	E	3	No species observed	0
RG	23OCT2004	A	1	Boccardia sp.	5
RG	23OCT2004	A	2	Chironomid larvae	1
RG	23OCT2004	A	2	No species observed	0
RG	23OCT2004	A	2	Oligochaetes (unidentified)	8
RG	23OCT2004	A	3	Ceratopogonid larvae	2
RG	23OCT2004	A	3	No species observed	0
RG	23OCT2004	B	1	Ceratopogonid larvae	1
RG	23OCT2004	B	1	Chironomid larvae	2
RG	23OCT2004	B	1	No species observed	0
RG	23OCT2004	B	1	Oligochaetes (unidentified)	1
RG	23OCT2004	B	1	Streblospio benedicti	2
RG	23OCT2004	B	2	No species observed	0
RG	23OCT2004	B	3	Chironomid larvae	3
RG	23OCT2004	B	3	No species observed	0
RG	23OCT2004	B	3	Streblospio benedicti	4
RG	23OCT2004	C	1	Mediomastus ambiseta	17
RG	23OCT2004	C	1	No species observed	0
RG	23OCT2004	C	2	Mediomastus ambiseta	25
RG	23OCT2004	C	3	Acetes americanus	1
RG	23OCT2004	C	3	Chironomid larvae	1
RG	23OCT2004	C	3	Mediomastus ambiseta	22
RG	23OCT2004	C	3	Oligochaetes (unidentified)	1
RG	23OCT2004	C	3	Streblospio benedicti	2
RG	23OCT2004	D	1	Laeonereis culveri	1
RG	23OCT2004	D	1	Mediomastus ambiseta	28
RG	23OCT2004	D	1	Mulinia lateralis	1
RG	23OCT2004	D	1	Nemertinea (unidentified)	1
RG	23OCT2004	D	2	Ceratopogonid larvae	1

RG	23OCT2004	D	2	Chironomid larvae	5
RG	23OCT2004	D	2	Mediomastus ambiseta	39
RG	23OCT2004	D	3	Mediomastus ambiseta	20
RG	23OCT2004	D	3	Neritina virginea	1
RG	23OCT2004	D	3	No species observed	0
RG	23OCT2004	D	3	Streblospio benedicti	2
RG	23OCT2004	E	1	Chironomid larvae	2
RG	23OCT2004	E	1	Laeonereis culveri	1
RG	23OCT2004	E	1	Mediomastus ambiseta	11
RG	23OCT2004	E	1	Neritina virginea	1
RG	23OCT2004	E	1	Streblospio benedicti	1
RG	23OCT2004	E	2	Chironomid larvae	1
RG	23OCT2004	E	2	Mediomastus ambiseta	21
RG	23OCT2004	E	3	Chironomid larvae	1
RG	23OCT2004	E	3	Mediomastus ambiseta	4
RG	23OCT2004	E	3	No species observed	0
RG	05JAN2005	A	1	Chironomid larvae	13
RG	05JAN2005	A	1	No species observed	0
RG	05JAN2005	A	1	Oligochaetes (unidentified)	17
RG	05JAN2005	A	1	Streblospio benedicti	1
RG	05JAN2005	A	2	Boccardia sp.	3
RG	05JAN2005	A	2	Chironomid larvae	4
RG	05JAN2005	A	2	Oligochaetes (unidentified)	11
RG	05JAN2005	A	2	Streblospio benedicti	1
RG	05JAN2005	A	3	Boccardia sp.	1
RG	05JAN2005	A	3	Ceratopogonid larvae	6
RG	05JAN2005	A	3	Chironomid larvae	13
RG	05JAN2005	A	3	Oligochaetes (unidentified)	7
RG	05JAN2005	A	3	Streblospio benedicti	3
RG	05JAN2005	B	1	No species observed	0
RG	05JAN2005	B	1	Streblospio benedicti	5
RG	05JAN2005	B	2	Chironomid larvae	2
RG	05JAN2005	B	2	No species observed	0
RG	05JAN2005	B	2	Streblospio benedicti	3
RG	05JAN2005	B	3	Ceratopogonid larvae	1
RG	05JAN2005	B	3	Chironomid larvae	1
RG	05JAN2005	B	3	Mediomastus ambiseta	1
RG	05JAN2005	B	3	Streblospio benedicti	5
RG	05JAN2005	C	1	Mediomastus ambiseta	15
RG	05JAN2005	C	1	Nemertinea (unidentified)	1
RG	05JAN2005	C	1	Streblospio benedicti	6
RG	05JAN2005	C	2	Chironomid larvae	3
RG	05JAN2005	C	2	Mediomastus ambiseta	30
RG	05JAN2005	C	2	Nemertinea (unidentified)	1
RG	05JAN2005	C	2	Streblospio benedicti	2
RG	05JAN2005	C	3	Laeonereis culveri	1
RG	05JAN2005	C	3	Mediomastus ambiseta	10
RG	05JAN2005	C	3	Streblospio benedicti	5
RG	05JAN2005	D	1	Chironomid larvae	1
RG	05JAN2005	D	1	Laeonereis culveri	1
RG	05JAN2005	D	1	Mediomastus ambiseta	10
RG	05JAN2005	D	1	Nemertinea (unidentified)	1
RG	05JAN2005	D	1	Streblospio benedicti	4
RG	05JAN2005	D	2	Mediomastus ambiseta	12
RG	05JAN2005	D	2	No species observed	0

RG	05JAN2005	D	3	Mediomastus ambiseta	14
RG	05JAN2005	D	3	No species observed	0
RG	05JAN2005	D	3	Streblospio benedicti	4
RG	05JAN2005	E	1	Mediomastus ambiseta	17
RG	05JAN2005	E	1	Streblospio benedicti	6
RG	05JAN2005	E	2	Chironomid larvae	2
RG	05JAN2005	E	2	Laeonereis culveri	1
RG	05JAN2005	E	2	Mediomastus ambiseta	18
RG	05JAN2005	E	2	Streblospio benedicti	9
RG	05JAN2005	E	3	Ceratopogonid larvae	1
RG	05JAN2005	E	3	Chironomid larvae	1
RG	05JAN2005	E	3	Mediomastus ambiseta	25
RG	05JAN2005	E	3	Streblospio benedicti	10
RG	09APR2005	A	1	Ceratopogonid larvae	1
RG	09APR2005	A	1	Chironomid larvae	39
RG	09APR2005	A	1	Oligochaetes (unidentified)	31
RG	09APR2005	A	1	Streblospio benedicti	1
RG	09APR2005	A	2	Boccardia sp.	23
RG	09APR2005	A	2	Chironomid larvae	13
RG	09APR2005	A	2	Oligochaetes (unidentified)	32
RG	09APR2005	A	2	Streblospio benedicti	1
RG	09APR2005	A	3	Boccardia sp.	1
RG	09APR2005	A	3	Chironomid larvae	41
RG	09APR2005	A	3	Oligochaetes (unidentified)	45
RG	09APR2005	B	1	Chironomid larvae	1
RG	09APR2005	B	1	Oligochaetes (unidentified)	11
RG	09APR2005	B	1	Streblospio benedicti	1
RG	09APR2005	B	2	Ceratopogonid larvae	3
RG	09APR2005	B	2	Oligochaetes (unidentified)	4
RG	09APR2005	B	2	Streblospio benedicti	3
RG	09APR2005	B	3	Chironomid larvae	1
RG	09APR2005	B	3	No species observed	0
RG	09APR2005	B	3	Oligochaetes (unidentified)	24
RG	09APR2005	B	3	Streblospio benedicti	1
RG	09APR2005	C	1	Chironomid larvae	6
RG	09APR2005	C	1	Mediomastus ambiseta	12
RG	09APR2005	C	1	Streblospio benedicti	10
RG	09APR2005	C	2	Chironomid larvae	1
RG	09APR2005	C	2	Mediomastus ambiseta	10
RG	09APR2005	C	2	Oligochaetes (unidentified)	2
RG	09APR2005	C	2	Streblospio benedicti	6
RG	09APR2005	C	3	Chironomid larvae	1
RG	09APR2005	C	3	Mediomastus ambiseta	16
RG	09APR2005	C	3	Neritina virginea	1
RG	09APR2005	C	3	Streblospio benedicti	5
RG	09APR2005	D	1	Chironomid larvae	2
RG	09APR2005	D	1	Laeonereis culveri	1
RG	09APR2005	D	1	Mediomastus ambiseta	8
RG	09APR2005	D	1	Nemertinea (unidentified)	1
RG	09APR2005	D	1	Oligochaetes (unidentified)	10
RG	09APR2005	D	1	Streblospio benedicti	9
RG	09APR2005	D	2	Chironomid larvae	3
RG	09APR2005	D	2	Mediomastus ambiseta	16
RG	09APR2005	D	2	Neritina virginea	1
RG	09APR2005	D	2	Oligochaetes (unidentified)	5

RG	09APR2005	D	2	Streblospio benedicti	10
RG	09APR2005	D	3	Chironomid larvae	1
RG	09APR2005	D	3	Laeonereis culveri	1
RG	09APR2005	D	3	Mediomastus ambiseta	13
RG	09APR2005	D	3	Oligochaetes (unidentified)	7
RG	09APR2005	D	3	Streblospio benedicti	15
RG	09APR2005	E	1	Chironomid larvae	1
RG	09APR2005	E	1	Mediomastus ambiseta	14
RG	09APR2005	E	1	Nemertinea (unidentified)	1
RG	09APR2005	E	1	Oligochaetes (unidentified)	1
RG	09APR2005	E	1	Streblospio benedicti	2
RG	09APR2005	E	2	Laeonereis culveri	1
RG	09APR2005	E	2	Mediomastus ambiseta	4
RG	09APR2005	E	2	No species observed	0
RG	09APR2005	E	2	Streblospio benedicti	6
RG	09APR2005	E	3	Mediomastus ambiseta	8
RG	09APR2005	E	3	Streblospio benedicti	8
RG	06AUG2005	A	1	Boccardia sp.	3
RG	06AUG2005	A	1	Mediomastus ambiseta	1
RG	06AUG2005	A	1	Oligochaetes (unidentified)	2
RG	06AUG2005	A	2	Boccardia sp.	14
RG	06AUG2005	A	2	Ceratopogonid larvae	1
RG	06AUG2005	A	2	Oligochaetes (unidentified)	5
RG	06AUG2005	A	3	Boccardia sp.	5
RG	06AUG2005	A	3	Chironomid larvae	5
RG	06AUG2005	A	3	Oligochaetes (unidentified)	3
RG	06AUG2005	A	3	Streblospio benedicti	1
RG	06AUG2005	B	1	Chironomid larvae	4
RG	06AUG2005	B	1	Mediomastus ambiseta	3
RG	06AUG2005	B	1	No species observed	0
RG	06AUG2005	B	1	Oligochaetes (unidentified)	1
RG	06AUG2005	B	1	Streblospio benedicti	2
RG	06AUG2005	B	2	Chironomid larvae	2
RG	06AUG2005	B	2	Mediomastus ambiseta	2
RG	06AUG2005	B	2	No species observed	0
RG	06AUG2005	B	2	Oligochaetes (unidentified)	1
RG	06AUG2005	B	2	Streblospio benedicti	3
RG	06AUG2005	B	3	Chironomid larvae	2
RG	06AUG2005	B	3	Mediomastus ambiseta	4
RG	06AUG2005	B	3	No species observed	0
RG	06AUG2005	B	3	Streblospio benedicti	1
RG	06AUG2005	C	1	Chironomid larvae	2
RG	06AUG2005	C	1	Mediomastus ambiseta	47
RG	06AUG2005	C	1	Nemertinea (unidentified)	1
RG	06AUG2005	C	1	Neritina virginea	1
RG	06AUG2005	C	1	Streblospio benedicti	4
RG	06AUG2005	C	2	Chironomid larvae	1
RG	06AUG2005	C	2	Laeonereis culveri	1
RG	06AUG2005	C	2	Mediomastus ambiseta	45
RG	06AUG2005	C	2	Nemertinea (unidentified)	2
RG	06AUG2005	C	2	Streblospio benedicti	13
RG	06AUG2005	C	3	Chironomid larvae	1
RG	06AUG2005	C	3	Mediomastus ambiseta	51
RG	06AUG2005	C	3	Nemertinea (unidentified)	2
RG	06AUG2005	C	3	Streblospio benedicti	7

RG	06AUG2005	D	1	Boccardia sp.	1
RG	06AUG2005	D	1	Mediomastus ambiseta	28
RG	06AUG2005	D	1	Neritina virginea	1
RG	06AUG2005	D	1	Streblospio benedicti	5
RG	06AUG2005	D	2	Mediomastus ambiseta	21
RG	06AUG2005	D	2	Neritina virginea	1
RG	06AUG2005	D	2	Streblospio benedicti	2
RG	06AUG2005	D	3	Boccardia sp.	1
RG	06AUG2005	D	3	Callianassa sp.	1
RG	06AUG2005	D	3	Laeonereis culveri	1
RG	06AUG2005	D	3	Mediomastus ambiseta	17
RG	06AUG2005	D	3	Nemertinea (unidentified)	1
RG	06AUG2005	D	3	Streblospio benedicti	4
RG	06AUG2005	E	1	Boccardia sp.	2
RG	06AUG2005	E	1	Chironomid larvae	1
RG	06AUG2005	E	1	Laeonereis culveri	2
RG	06AUG2005	E	1	Mediomastus ambiseta	26
RG	06AUG2005	E	1	Streblospio benedicti	4
RG	06AUG2005	E	2	Boccardia sp.	4
RG	06AUG2005	E	2	Chironomid larvae	1
RG	06AUG2005	E	2	Laeonereis culveri	4
RG	06AUG2005	E	2	Mediomastus ambiseta	36
RG	06AUG2005	E	2	Neritina virginea	1
RG	06AUG2005	E	2	Streblospio benedicti	9
RG	06AUG2005	E	3	Boccardia sp.	2
RG	06AUG2005	E	3	Corophium louisianum	2
RG	06AUG2005	E	3	Laeonereis culveri	1
RG	06AUG2005	E	3	Mediomastus ambiseta	13
RG	06AUG2005	E	3	Nemertinea (unidentified)	1
RG	06AUG2005	E	3	Streblospio benedicti	7
SB	16OCT2002	A	1	Mediomastus ambiseta	5
SB	16OCT2002	A	1	Nemertinea (unidentified)	1
SB	16OCT2002	A	1	Streblospio benedicti	1
SB	16OCT2002	A	2	Mediomastus ambiseta	4
SB	16OCT2002	A	2	Polydora ligni	1
SB	16OCT2002	A	2	Streblospio benedicti	5
SB	16OCT2002	A	3	Mediomastus ambiseta	7
SB	16OCT2002	A	3	Nemertinea (unidentified)	1
SB	16OCT2002	A	3	Streblospio benedicti	2
SB	16OCT2002	B	1	Capitella capitata	1
SB	16OCT2002	B	1	Mediomastus ambiseta	8
SB	16OCT2002	B	1	Oligochaetes (unidentified)	1
SB	16OCT2002	B	1	Streblospio benedicti	71
SB	16OCT2002	B	2	Chironomid larvae	2
SB	16OCT2002	B	2	Mediomastus ambiseta	5
SB	16OCT2002	B	2	Streblospio benedicti	15
SB	16OCT2002	B	3	Mediomastus ambiseta	5
SB	16OCT2002	B	3	Streblospio benedicti	25
SB	08JAN2003	A	1	Mediomastus ambiseta	8
SB	08JAN2003	A	1	Streblospio benedicti	1
SB	08JAN2003	A	2	Mediomastus ambiseta	4
SB	08JAN2003	A	2	Streblospio benedicti	2
SB	08JAN2003	A	3	Chironomid larvae	2
SB	08JAN2003	A	3	Mediomastus ambiseta	4
SB	08JAN2003	A	3	Oligochaetes (unidentified)	1

SB	08JAN2003	A	3	Parandalia ocularis	1
SB	08JAN2003	A	3	Streblospio benedicti	1
SB	08JAN2003	B	1	Capitella capitata	1
SB	08JAN2003	B	1	Mediomastus ambiseta	6
SB	08JAN2003	B	1	Streblospio benedicti	8
SB	08JAN2003	B	2	Capitella capitata	1
SB	08JAN2003	B	2	Mediomastus ambiseta	1
SB	08JAN2003	B	2	Oligochaetes (unidentified)	1
SB	08JAN2003	B	2	Streblospio benedicti	14
SB	08JAN2003	B	3	Nemertinea (unidentified)	1
SB	08JAN2003	B	3	Streblospio benedicti	8
SB	09APR2003	A	1	Mediomastus ambiseta	2
SB	09APR2003	A	1	No species observed	0
SB	09APR2003	A	2	Mediomastus ambiseta	2
SB	09APR2003	A	2	Streblospio benedicti	5
SB	09APR2003	A	3	Mediomastus ambiseta	2
SB	09APR2003	A	3	Streblospio benedicti	3
SB	09APR2003	B	1	Mediomastus ambiseta	4
SB	09APR2003	B	1	Mulinia lateralis	2
SB	09APR2003	B	1	Streblospio benedicti	7
SB	09APR2003	B	2	Mediomastus ambiseta	8
SB	09APR2003	B	2	Nemertinea (unidentified)	1
SB	09APR2003	B	2	Schizocardium sp.	1
SB	09APR2003	B	2	Streblospio benedicti	10
SB	09APR2003	B	3	Capitella capitata	1
SB	09APR2003	B	3	Mediomastus ambiseta	3
SB	09APR2003	B	3	Nemertinea (unidentified)	1
SB	09APR2003	B	3	Streblospio benedicti	12
SB	01JUL2003	A	1	Chironomid larvae	1
SB	01JUL2003	A	1	Mediomastus ambiseta	4
SB	01JUL2003	A	1	Streblospio benedicti	17
SB	01JUL2003	A	1	Texidina sphinctostoma	1
SB	01JUL2003	A	2	Mediomastus ambiseta	6
SB	01JUL2003	A	2	Streblospio benedicti	8
SB	01JUL2003	A	3	Mediomastus ambiseta	12
SB	01JUL2003	A	3	No species observed	0
SB	01JUL2003	A	3	Parandalia ocularis	1
SB	01JUL2003	A	3	Streblospio benedicti	22
SB	01JUL2003	B	1	Gyptis vittata	1
SB	01JUL2003	B	1	Mediomastus ambiseta	2
SB	01JUL2003	B	1	Polydora caulleryi	1
SB	01JUL2003	B	1	Schizocardium sp.	1
SB	01JUL2003	B	1	Sigambra bassi	4
SB	01JUL2003	B	1	Sigambra tentaculata	1
SB	01JUL2003	B	1	Spionidae (unidentified)	1
SB	01JUL2003	B	1	Streblospio benedicti	37
SB	01JUL2003	B	2	Mediomastus ambiseta	4
SB	01JUL2003	B	2	Oligochaetes (unidentified)	2
SB	01JUL2003	B	2	Schizocardium sp.	1
SB	01JUL2003	B	2	Sigambra tentaculata	1
SB	01JUL2003	B	2	Streblospio benedicti	30
SB	01JUL2003	B	3	Gyptis vittata	1
SB	01JUL2003	B	3	Mediomastus ambiseta	1
SB	01JUL2003	B	3	Nemertinea (unidentified)	1
SB	01JUL2003	B	3	Oligochaetes (unidentified)	1

SB	01JUL2003	B	3	Paraprionospio pinnata	1
SB	01JUL2003	B	3	Schizocardium sp.	1
SB	01JUL2003	B	3	Streblospio benedicti	48
SB	07OCT2003	A	1	Mediomastus ambiseta	4
SB	07OCT2003	A	1	Streblospio benedicti	9
SB	07OCT2003	A	2	Mediomastus ambiseta	3
SB	07OCT2003	A	2	Streblospio benedicti	4
SB	07OCT2003	A	3	Mediomastus ambiseta	5
SB	07OCT2003	A	3	Streblospio benedicti	6
SB	07OCT2003	B	1	Mediomastus ambiseta	2
SB	07OCT2003	B	1	Nemertinea (unidentified)	2
SB	07OCT2003	B	1	Streblospio benedicti	7
SB	07OCT2003	B	2	Mediomastus ambiseta	3
SB	07OCT2003	B	2	Nemertinea (unidentified)	1
SB	07OCT2003	B	2	Streblospio benedicti	7
SB	07OCT2003	B	3	Streblospio benedicti	8
SB	20JAN2004	A	1	Mediomastus ambiseta	4
SB	20JAN2004	A	2	Oligochaetes (unidentified)	3
SB	20JAN2004	A	2	Streblospio benedicti	10
SB	20JAN2004	A	3	Mediomastus ambiseta	3
SB	20JAN2004	B	1	Mediomastus ambiseta	2
SB	20JAN2004	B	1	Nemertinea (unidentified)	1
SB	20JAN2004	B	1	Parahesione luteola	1
SB	20JAN2004	B	2	Mediomastus ambiseta	1
SB	20JAN2004	B	2	Nemertinea (unidentified)	3
SB	20JAN2004	B	2	Streblospio benedicti	1
SB	20JAN2004	B	3	Mediomastus ambiseta	4
SB	20JAN2004	B	3	Oligochaetes (unidentified)	1
SB	20JAN2004	B	3	Pelecypoda (unidentified)	1
SB	20JAN2004	B	3	Streblospio benedicti	1
SB	13APR2004	A	1	Macoma mitchelli	1
SB	13APR2004	A	1	Mediomastus ambiseta	5
SB	13APR2004	A	1	Mulinia lateralis	1
SB	13APR2004	A	2	Mediomastus ambiseta	21
SB	13APR2004	A	2	Streblospio benedicti	6
SB	13APR2004	A	3	Mediomastus ambiseta	13
SB	13APR2004	A	3	Nemertinea (unidentified)	1
SB	13APR2004	A	3	Oligochaetes (unidentified)	1
SB	13APR2004	A	3	Streblospio benedicti	4
SB	13APR2004	B	1	Capitella capitata	1
SB	13APR2004	B	1	Chironomid larvae	1
SB	13APR2004	B	1	Mediomastus ambiseta	1
SB	13APR2004	B	1	Oligochaetes (unidentified)	3
SB	13APR2004	B	1	Streblospio benedicti	6
SB	13APR2004	B	2	Capitella capitata	1
SB	13APR2004	B	2	Hobsonia florida	1
SB	13APR2004	B	2	Mediomastus ambiseta	1
SB	13APR2004	B	2	Oligochaetes (unidentified)	5
SB	13APR2004	B	2	Streblospio benedicti	12
SB	13APR2004	B	3	Chironomid larvae	1
SB	13APR2004	B	3	Mediomastus ambiseta	3
SB	13APR2004	B	3	Nemertinea (unidentified)	2
SB	13APR2004	B	3	Oligochaetes (unidentified)	6
SB	13APR2004	B	3	Streblospio benedicti	2
SB	21JUL2004	A	1	Mediomastus ambiseta	1

SB	21JUL2004	A	1	Oligochaetes (unidentified)	2
SB	21JUL2004	A	1	Streblospio benedicti	2
SB	21JUL2004	A	1	Texidina sphinctostoma	1
SB	21JUL2004	A	2	Mediomastus ambiseta	2
SB	21JUL2004	A	2	Oligochaetes (unidentified)	1
SB	21JUL2004	A	2	Streblospio benedicti	2
SB	21JUL2004	A	3	Mediomastus ambiseta	1
SB	21JUL2004	A	3	No species observed	0
SB	21JUL2004	A	3	Oligochaetes (unidentified)	1
SB	21JUL2004	B	1	Oligochaetes (unidentified)	2
SB	21JUL2004	B	1	Streblospio benedicti	2
SB	21JUL2004	B	2	Mediomastus ambiseta	1
SB	21JUL2004	B	2	No species observed	0
SB	21JUL2004	B	3	Oligochaetes (unidentified)	2
SB	21JUL2004	B	3	Streblospio benedicti	3
SB	18OCT2004	A	1	Gyptis vittata	1
SB	18OCT2004	A	1	Mediomastus ambiseta	7
SB	18OCT2004	A	1	Nemertinea (unidentified)	2
SB	18OCT2004	A	1	Oligochaetes (unidentified)	3
SB	18OCT2004	A	1	Parandalia ocularis	1
SB	18OCT2004	A	1	Streblospio benedicti	12
SB	18OCT2004	A	2	Mediomastus ambiseta	4
SB	18OCT2004	A	2	Nemertinea (unidentified)	2
SB	18OCT2004	A	2	Streblospio benedicti	6
SB	18OCT2004	A	3	Mediomastus ambiseta	3
SB	18OCT2004	A	3	Nemertinea (unidentified)	1
SB	18OCT2004	A	3	No species observed	0
SB	18OCT2004	A	3	Oligochaetes (unidentified)	1
SB	18OCT2004	A	3	Parandalia ocularis	2
SB	18OCT2004	A	3	Streblospio benedicti	4
SB	18OCT2004	B	1	Mediomastus ambiseta	2
SB	18OCT2004	B	1	Oligochaetes (unidentified)	2
SB	18OCT2004	B	1	Streblospio benedicti	7
SB	18OCT2004	B	2	Mediomastus ambiseta	2
SB	18OCT2004	B	2	Nemertinea (unidentified)	2
SB	18OCT2004	B	2	Oligochaetes (unidentified)	4
SB	18OCT2004	B	3	Mediomastus ambiseta	6
SB	18OCT2004	B	3	Ogyrides limicola	1
SB	18OCT2004	B	3	Oligochaetes (unidentified)	1
SB	18OCT2004	B	3	Streblospio benedicti	6
SB	10JAN2005	A	1	Mediomastus ambiseta	3
SB	10JAN2005	A	1	Mulinia lateralis	1
SB	10JAN2005	A	1	No species observed	0
SB	10JAN2005	A	1	Streblospio benedicti	2
SB	10JAN2005	A	2	Mediomastus ambiseta	7
SB	10JAN2005	A	2	Nemertinea (unidentified)	1
SB	10JAN2005	A	2	Oligochaetes (unidentified)	1
SB	10JAN2005	A	2	Parandalia ocularis	1
SB	10JAN2005	A	2	Streblospio benedicti	1
SB	10JAN2005	A	3	Mediomastus ambiseta	4
SB	10JAN2005	A	3	Nemertinea (unidentified)	1
SB	10JAN2005	A	3	Oligochaetes (unidentified)	1
SB	10JAN2005	A	3	Streblospio benedicti	1
SB	10JAN2005	B	1	Mediomastus ambiseta	2
SB	10JAN2005	B	1	Streblospio benedicti	3

SB	10JAN2005	B	2	Mediomastus ambiseta	1
SB	10JAN2005	B	2	Mulinia lateralis	1
SB	10JAN2005	B	2	Nemertinea (unidentified)	1
SB	10JAN2005	B	2	Schizocardium sp.	1
SB	10JAN2005	B	2	Streblospio benedicti	2
SB	10JAN2005	B	3	Mediomastus ambiseta	6
SB	10JAN2005	B	3	Streblospio benedicti	2
SB	21APR2005	A	1	Mediomastus ambiseta	3
SB	21APR2005	A	1	Streblospio benedicti	2
SB	21APR2005	A	2	Mediomastus ambiseta	6
SB	21APR2005	A	2	Nemertinea (unidentified)	1
SB	21APR2005	A	2	Streblospio benedicti	3
SB	21APR2005	A	3	Mediomastus ambiseta	2
SB	21APR2005	A	3	Oligochaetes (unidentified)	3
SB	21APR2005	A	3	Streblospio benedicti	7
SB	21APR2005	B	1	Capitella capitata	1
SB	21APR2005	B	1	Mediomastus ambiseta	7
SB	21APR2005	B	1	Mulinia lateralis	1
SB	21APR2005	B	1	Streblospio benedicti	1
SB	21APR2005	B	2	Glycinde solitaria	2
SB	21APR2005	B	2	Mediomastus ambiseta	8
SB	21APR2005	B	2	Streblospio benedicti	2
SB	21APR2005	B	3	Glycinde solitaria	1
SB	21APR2005	B	3	Mediomastus ambiseta	5
SB	21APR2005	B	3	Mysella planulata	1
SB	21APR2005	B	3	Nemertinea (unidentified)	2
SB	21APR2005	B	3	Paraprionospio pinnata	1
SB	21APR2005	B	3	Streblospio benedicti	3
SB	25JUL2005	A	1	Mediomastus ambiseta	3
SB	25JUL2005	A	1	Nemertinea (unidentified)	1
SB	25JUL2005	A	1	Oligochaetes (unidentified)	2
SB	25JUL2005	A	1	Parandalia ocularis	2
SB	25JUL2005	A	1	Streblospio benedicti	3
SB	25JUL2005	A	2	Mediomastus ambiseta	5
SB	25JUL2005	A	2	Streblospio benedicti	9
SB	25JUL2005	A	3	Callianassa sp.	1
SB	25JUL2005	A	3	Mediomastus ambiseta	3
SB	25JUL2005	A	3	Oligochaetes (unidentified)	1
SB	25JUL2005	A	3	Parandalia ocularis	3
SB	25JUL2005	A	3	Streblospio benedicti	3
SB	25JUL2005	B	1	Mediomastus ambiseta	5
SB	25JUL2005	B	1	Streblospio benedicti	3
SB	25JUL2005	B	2	Mediomastus ambiseta	4
SB	25JUL2005	B	2	No species observed	0
SB	25JUL2005	B	2	Oligochaetes (unidentified)	3
SB	25JUL2005	B	2	Streblospio benedicti	20
SB	25JUL2005	B	3	Mediomastus ambiseta	1
SB	25JUL2005	B	3	Oligochaetes (unidentified)	8
SB	25JUL2005	B	3	Pholadidae (unidentified)	3
SB	25JUL2005	B	3	Streblospio benedicti	48
CL	16OCT2002	A	1	Mediomastus ambiseta	7
CL	16OCT2002	A	1	Nereidae (unidentified)	1
CL	16OCT2002	A	1	Paraprionospio pinnata	1
CL	16OCT2002	A	1	Streblospio benedicti	4
CL	16OCT2002	A	2	Mediomastus ambiseta	5

CL	16OCT2002	A	2	Streblospio benedicti	3
CL	16OCT2002	A	3	Mediomastus ambiseta	4
CL	16OCT2002	A	3	Nemertinea (unidentified)	1
CL	16OCT2002	A	3	Streblospio benedicti	2
CL	16OCT2002	B	1	Mediomastus ambiseta	11
CL	16OCT2002	B	1	Microphthalmus abberrans	1
CL	16OCT2002	B	1	Streblospio benedicti	4
CL	16OCT2002	B	2	Mediomastus ambiseta	6
CL	16OCT2002	B	2	Streblospio benedicti	2
CL	16OCT2002	B	3	Mediomastus ambiseta	7
CL	16OCT2002	B	3	Streblospio benedicti	1
CL	08JAN2003	A	1	Mediomastus ambiseta	6
CL	08JAN2003	A	1	Oligochaetes (unidentified)	7
CL	08JAN2003	A	1	Streblospio benedicti	4
CL	08JAN2003	A	2	Chironomid larvae	4
CL	08JAN2003	A	2	Mediomastus ambiseta	11
CL	08JAN2003	A	2	Oligochaetes (unidentified)	11
CL	08JAN2003	A	2	Streblospio benedicti	3
CL	08JAN2003	A	3	Chironomid larvae	2
CL	08JAN2003	A	3	Mediomastus ambiseta	13
CL	08JAN2003	A	3	Oligochaetes (unidentified)	13
CL	08JAN2003	A	3	Polydora ligni	1
CL	08JAN2003	A	3	Streblospio benedicti	5
CL	08JAN2003	B	1	Chironomid larvae	1
CL	08JAN2003	B	1	Edotea montosa	1
CL	08JAN2003	B	1	Mediomastus ambiseta	9
CL	08JAN2003	B	1	Oligochaetes (unidentified)	22
CL	08JAN2003	B	1	Streblospio benedicti	2
CL	08JAN2003	B	2	Heteromastus filiformis	1
CL	08JAN2003	B	2	Mediomastus ambiseta	6
CL	08JAN2003	B	2	Oligochaetes (unidentified)	3
CL	08JAN2003	B	2	Polydora ligni	1
CL	08JAN2003	B	2	Streblospio benedicti	1
CL	08JAN2003	B	3	Capitella capitata	1
CL	08JAN2003	B	3	Chironomid larvae	2
CL	08JAN2003	B	3	Mediomastus ambiseta	9
CL	08JAN2003	B	3	Microphthalmus abberrans	1
CL	08JAN2003	B	3	Oligochaetes (unidentified)	17
CL	08JAN2003	B	3	Streblospio benedicti	2
CL	09APR2003	A	1	Chironomid larvae	1
CL	09APR2003	A	1	Mediomastus ambiseta	8
CL	09APR2003	A	1	Oligochaetes (unidentified)	1
CL	09APR2003	A	1	Streblospio benedicti	6
CL	09APR2003	A	2	Chironomid larvae	1
CL	09APR2003	A	2	Heteromastus filiformis	1
CL	09APR2003	A	2	Hobsonia florida	1
CL	09APR2003	A	2	Mediomastus ambiseta	10
CL	09APR2003	A	2	Ostracoda (unidentified)	1
CL	09APR2003	A	2	Streblospio benedicti	3
CL	09APR2003	A	3	Chironomid larvae	1
CL	09APR2003	A	3	Mediomastus ambiseta	11
CL	09APR2003	A	3	Ostracoda (unidentified)	1
CL	09APR2003	A	3	Polydora ligni	2
CL	09APR2003	A	3	Streblospio benedicti	7
CL	09APR2003	B	1	Capitella capitata	1

CL	09APR2003	B	1	Mediomastus ambiseta	12
CL	09APR2003	B	1	Streblospio benedicti	2
CL	09APR2003	B	2	Capitella capitata	1
CL	09APR2003	B	2	Mediomastus ambiseta	12
CL	09APR2003	B	2	Microphthalmus abberrans	1
CL	09APR2003	B	2	Streblospio benedicti	2
CL	09APR2003	B	3	Capitella capitata	1
CL	09APR2003	B	3	Mediomastus ambiseta	11
CL	09APR2003	B	3	Microphthalmus abberrans	1
CL	09APR2003	B	3	Polydora ligni	1
CL	09APR2003	B	3	Streblospio benedicti	1
CL	01JUL2003	A	1	Mediomastus ambiseta	12
CL	01JUL2003	A	1	Streblospio benedicti	8
CL	01JUL2003	A	2	Chironomid larvae	3
CL	01JUL2003	A	2	Mediomastus ambiseta	9
CL	01JUL2003	A	2	Streblospio benedicti	3
CL	01JUL2003	A	3	Chironomid larvae	1
CL	01JUL2003	A	3	Mediomastus ambiseta	17
CL	01JUL2003	A	3	Streblospio benedicti	6
CL	01JUL2003	B	1	Capitella capitata	2
CL	01JUL2003	B	1	Malacoceros indicus	1
CL	01JUL2003	B	1	Mediomastus ambiseta	17
CL	01JUL2003	B	1	Microphthalmus abberrans	2
CL	01JUL2003	B	1	Nemertinea (unidentified)	1
CL	01JUL2003	B	1	Streblospio benedicti	13
CL	01JUL2003	B	2	Mediomastus ambiseta	8
CL	01JUL2003	B	2	Streblospio benedicti	2
CL	01JUL2003	B	3	Capitella capitata	1
CL	01JUL2003	B	3	Mediomastus ambiseta	9
CL	01JUL2003	B	3	Microphthalmus abberrans	1
CL	01JUL2003	B	3	Streblospio benedicti	11
CL	14OCT2003	A	1	Mediomastus ambiseta	13
CL	14OCT2003	A	1	Streblospio benedicti	10
CL	14OCT2003	A	2	Mediomastus ambiseta	12
CL	14OCT2003	A	2	Streblospio benedicti	2
CL	14OCT2003	A	3	Mediomastus ambiseta	9
CL	14OCT2003	A	3	Oligochaetes (unidentified)	1
CL	14OCT2003	A	3	Streblospio benedicti	3
CL	14OCT2003	B	1	Mediomastus ambiseta	11
CL	14OCT2003	B	1	Parandalia ocularis	1
CL	14OCT2003	B	1	Streblospio benedicti	1
CL	14OCT2003	B	2	Hirudinea (unidentified)	1
CL	14OCT2003	B	2	Laeonereis culveri	1
CL	14OCT2003	B	2	Mediomastus ambiseta	24
CL	14OCT2003	B	2	Streblospio benedicti	4
CL	14OCT2003	B	3	Mediomastus ambiseta	13
CL	14OCT2003	B	3	Mulinia lateralis	1
CL	14OCT2003	B	3	Streblospio benedicti	2
CL	20JAN2004	A	1	Mediomastus ambiseta	11
CL	20JAN2004	A	1	Oligochaetes (unidentified)	87
CL	20JAN2004	A	1	Pelecypoda (unidentified)	1
CL	20JAN2004	A	1	Streblospio benedicti	10
CL	20JAN2004	A	2	Mediomastus ambiseta	7
CL	20JAN2004	A	2	Oligochaetes (unidentified)	107
CL	20JAN2004	A	2	Streblospio benedicti	24

CL	20JAN2004	A	3	Mediomastus ambiseta	9
CL	20JAN2004	A	3	Oligochaetes (unidentified)	109
CL	20JAN2004	A	3	Pelecypoda (unidentified)	1
CL	20JAN2004	A	3	Streblospio benedicti	10
CL	20JAN2004	B	1	Mediomastus ambiseta	25
CL	20JAN2004	B	1	Nudibranchia (unidentified)	1
CL	20JAN2004	B	1	Oligochaetes (unidentified)	4
CL	20JAN2004	B	1	Parandalia ocularis	2
CL	20JAN2004	B	1	Polydora ligni	3
CL	20JAN2004	B	1	Streblospio benedicti	12
CL	20JAN2004	B	2	Callinectes sapidus	1
CL	20JAN2004	B	2	Corophium louisianum	1
CL	20JAN2004	B	2	Mediomastus ambiseta	20
CL	20JAN2004	B	2	Nemertinea (unidentified)	1
CL	20JAN2004	B	2	Oligochaetes (unidentified)	11
CL	20JAN2004	B	2	Streblospio benedicti	10
CL	20JAN2004	B	3	Capitella capitata	2
CL	20JAN2004	B	3	Heteromastus filiformis	2
CL	20JAN2004	B	3	Mediomastus ambiseta	20
CL	20JAN2004	B	3	Oligochaetes (unidentified)	32
CL	20JAN2004	B	3	Parandalia ocularis	1
CL	20JAN2004	B	3	Streblospio benedicti	7
CL	13APR2004	A	1	Capitella capitata	6
CL	13APR2004	A	1	Heteromastus filiformis	1
CL	13APR2004	A	1	Mediomastus ambiseta	1
CL	13APR2004	A	1	Streblospio benedicti	3
CL	13APR2004	A	2	Chironomid larvae	1
CL	13APR2004	A	2	Mediomastus ambiseta	6
CL	13APR2004	A	2	Oligochaetes (unidentified)	4
CL	13APR2004	A	2	Streblospio benedicti	3
CL	13APR2004	A	3	Chironomid larvae	1
CL	13APR2004	A	3	Mediomastus ambiseta	5
CL	13APR2004	A	3	Oligochaetes (unidentified)	1
CL	13APR2004	A	3	Streblospio benedicti	7
CL	13APR2004	B	1	Ampelisca abdita	19
CL	13APR2004	B	1	Capitella capitata	1
CL	13APR2004	B	1	Heteromastus filiformis	1
CL	13APR2004	B	1	Mediomastus ambiseta	16
CL	13APR2004	B	1	Parandalia ocularis	2
CL	13APR2004	B	1	Polydora ligni	1
CL	13APR2004	B	1	Streblospio benedicti	14
CL	13APR2004	B	2	Capitella capitata	2
CL	13APR2004	B	2	Laeonereis culveri	1
CL	13APR2004	B	2	Mediomastus ambiseta	20
CL	13APR2004	B	2	Microphthalmus aberrans	1
CL	13APR2004	B	2	Nemertinea (unidentified)	1
CL	13APR2004	B	2	Streblospio benedicti	15
CL	13APR2004	B	3	Ampelisca abdita	11
CL	13APR2004	B	3	Glycinde solitaria	1
CL	13APR2004	B	3	Hobsonia florida	2
CL	13APR2004	B	3	Mediomastus ambiseta	32
CL	13APR2004	B	3	Nemertinea (unidentified)	1
CL	13APR2004	B	3	Pelecypoda (unidentified)	1
CL	13APR2004	B	3	Polydora ligni	2
CL	13APR2004	B	3	Streblospio benedicti	13

CL	21JUL2004	A	1	Mediomastus ambiseta	16
CL	21JUL2004	A	1	Oligochaetes (unidentified)	2
CL	21JUL2004	A	1	Parandalia ocularis	1
CL	21JUL2004	A	1	Streblospio benedicti	3
CL	21JUL2004	A	2	Chironomid larvae	1
CL	21JUL2004	A	2	Mediomastus ambiseta	11
CL	21JUL2004	A	2	Oligochaetes (unidentified)	1
CL	21JUL2004	A	2	Streblospio benedicti	4
CL	21JUL2004	A	3	Mediomastus ambiseta	12
CL	21JUL2004	A	3	Oligochaetes (unidentified)	1
CL	21JUL2004	A	3	Parandalia ocularis	2
CL	21JUL2004	A	3	Rangia flexuosa	1
CL	21JUL2004	B	1	Capitella capitata	2
CL	21JUL2004	B	1	Mediomastus ambiseta	28
CL	21JUL2004	B	1	Nemertinea (unidentified)	1
CL	21JUL2004	B	1	Streblospio benedicti	2
CL	21JUL2004	B	2	Ampelisca abdita	1
CL	21JUL2004	B	2	Capitella capitata	1
CL	21JUL2004	B	2	Mediomastus ambiseta	29
CL	21JUL2004	B	2	Nemertinea (unidentified)	1
CL	21JUL2004	B	2	Streblospio benedicti	3
CL	21JUL2004	B	3	Laeonereis culveri	1
CL	21JUL2004	B	3	Mediomastus ambiseta	25
CL	21JUL2004	B	3	Streblospio benedicti	6
CL	18OCT2004	A	1	Mediomastus ambiseta	3
CL	18OCT2004	A	1	Streblospio benedicti	1
CL	18OCT2004	A	2	Mediomastus ambiseta	4
CL	18OCT2004	A	3	Callianassa sp.	1
CL	18OCT2004	A	3	Mediomastus ambiseta	3
CL	18OCT2004	A	3	Parandalia ocularis	2
CL	18OCT2004	A	3	Streblospio benedicti	4
CL	18OCT2004	B	1	Laeonereis culveri	2
CL	18OCT2004	B	1	Mediomastus ambiseta	23
CL	18OCT2004	B	1	Streblospio benedicti	1
CL	18OCT2004	B	2	Mediomastus ambiseta	21
CL	18OCT2004	B	2	Nemertinea (unidentified)	1
CL	18OCT2004	B	2	Streblospio benedicti	2
CL	18OCT2004	B	3	Mediomastus ambiseta	15
CL	18OCT2004	B	3	Scolecopsis texana	1
CL	18OCT2004	B	3	Streblospio benedicti	5
CL	10JAN2005	A	1	Grandidierella bonnieroides	1
CL	10JAN2005	A	1	Mediomastus ambiseta	11
CL	10JAN2005	A	1	Neanthes succinea	2
CL	10JAN2005	A	1	Oligochaetes (unidentified)	7
CL	10JAN2005	A	1	Streblospio benedicti	2
CL	10JAN2005	A	2	Capitella capitata	1
CL	10JAN2005	A	2	Mediomastus ambiseta	6
CL	10JAN2005	A	2	Oligochaetes (unidentified)	14
CL	10JAN2005	A	2	Parandalia ocularis	1
CL	10JAN2005	A	2	Polydora ligni	1
CL	10JAN2005	A	2	Streblospio benedicti	3
CL	10JAN2005	A	3	Corophium louisianum	1
CL	10JAN2005	A	3	Gammarus mucronatus	1
CL	10JAN2005	A	3	Mediomastus ambiseta	12
CL	10JAN2005	A	3	Oligochaetes (unidentified)	33

CL	10JAN2005	A	3	<i>Polydora ligni</i>	1
CL	10JAN2005	A	3	<i>Streblospio benedicti</i>	2
CL	10JAN2005	B	1	<i>Mediomastus ambiseta</i>	10
CL	10JAN2005	B	1	<i>Nemertinea</i> (unidentified)	1
CL	10JAN2005	B	1	<i>Streblospio benedicti</i>	8
CL	10JAN2005	B	2	<i>Mediomastus ambiseta</i>	10
CL	10JAN2005	B	2	<i>Nemertinea</i> (unidentified)	1
CL	10JAN2005	B	2	<i>Streblospio benedicti</i>	4
CL	10JAN2005	B	3	<i>Mediomastus ambiseta</i>	7
CL	10JAN2005	B	3	<i>Streblospio benedicti</i>	6
CL	21APR2005	A	1	<i>Capitella capitata</i>	5
CL	21APR2005	A	1	<i>Mediomastus ambiseta</i>	10
CL	21APR2005	A	1	<i>Nemertinea</i> (unidentified)	1
CL	21APR2005	A	1	<i>Oligochaetes</i> (unidentified)	8
CL	21APR2005	A	1	<i>Streblospio benedicti</i>	5
CL	21APR2005	A	2	<i>Capitella capitata</i>	3
CL	21APR2005	A	2	<i>Mediomastus ambiseta</i>	11
CL	21APR2005	A	2	<i>Oligochaetes</i> (unidentified)	8
CL	21APR2005	A	2	<i>Streblospio benedicti</i>	4
CL	21APR2005	A	3	<i>Capitella capitata</i>	3
CL	21APR2005	A	3	<i>Mediomastus ambiseta</i>	13
CL	21APR2005	A	3	<i>Oligochaetes</i> (unidentified)	5
CL	21APR2005	A	3	<i>Streblospio benedicti</i>	5
CL	21APR2005	B	1	<i>Capitella capitata</i>	1
CL	21APR2005	B	1	<i>Mediomastus ambiseta</i>	13
CL	21APR2005	B	1	<i>Nemertinea</i> (unidentified)	2
CL	21APR2005	B	1	<i>Oligochaetes</i> (unidentified)	1
CL	21APR2005	B	1	<i>Parandalia ocularis</i>	1
CL	21APR2005	B	1	<i>Streblospio benedicti</i>	2
CL	21APR2005	B	2	<i>Mediomastus ambiseta</i>	13
CL	21APR2005	B	2	<i>Mulinia lateralis</i>	1
CL	21APR2005	B	2	<i>Nemertinea</i> (unidentified)	1
CL	21APR2005	B	2	<i>Streblospio benedicti</i>	8
CL	21APR2005	B	3	<i>Capitella capitata</i>	2
CL	21APR2005	B	3	<i>Glycinde solitaria</i>	1
CL	21APR2005	B	3	<i>Mediomastus ambiseta</i>	27
CL	21APR2005	B	3	<i>Microphthalmus aberrans</i>	1
CL	21APR2005	B	3	<i>Oligochaetes</i> (unidentified)	1
CL	21APR2005	B	3	<i>Parandalia ocularis</i>	3
CL	21APR2005	B	3	<i>Streblospio benedicti</i>	1
CL	21APR2005	B	3	<i>Tellina texana</i>	1
CL	25JUL2005	A	1	<i>Mediomastus ambiseta</i>	4
CL	25JUL2005	A	1	<i>Parandalia ocularis</i>	1
CL	25JUL2005	A	1	<i>Streblospio benedicti</i>	4
CL	25JUL2005	A	2	<i>Edotea montosa</i>	1
CL	25JUL2005	A	2	<i>Mediomastus ambiseta</i>	4
CL	25JUL2005	A	2	<i>Parandalia ocularis</i>	1
CL	25JUL2005	A	2	<i>Streblospio benedicti</i>	5
CL	25JUL2005	A	2	<i>Tellina</i> sp.	1
CL	25JUL2005	A	3	<i>Laeonereis culveri</i>	1
CL	25JUL2005	A	3	<i>Mediomastus ambiseta</i>	9
CL	25JUL2005	A	3	<i>Nereidae</i> (unidentified)	1
CL	25JUL2005	A	3	<i>Streblospio benedicti</i>	2
CL	25JUL2005	B	1	<i>Mediomastus ambiseta</i>	22
CL	25JUL2005	B	1	<i>Nereidae</i> (unidentified)	1

CL	25JUL2005	B	1	Streblospio benedicti	10
CL	25JUL2005	B	2	Mediomastus ambiseta	11
CL	25JUL2005	B	2	Nemertinea (unidentified)	2
CL	25JUL2005	B	2	Parandalia ocularis	1
CL	25JUL2005	B	2	Streblospio benedicti	6
CL	25JUL2005	B	3	Mediomastus ambiseta	15
CL	25JUL2005	B	3	Nereidae (unidentified)	1
CL	25JUL2005	B	3	Streblospio benedicti	6
