

**Empire Wind  
Pre-Construction Benthic Monitoring Survey Report  
New York State Waters**

**ADDENDUM  
For Benthic Community Composition Data**

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## LIST OF ACRONYMS AND TERMS

|         |                                                         |
|---------|---------------------------------------------------------|
| ac      | acre(s)                                                 |
| BCA     | benthic community analysis                              |
| BOEM    | Bureau of Ocean Energy Management                       |
| CHEM    | chemistry                                               |
| cm      | centimeter(s)                                           |
| EPA     | Environmental Protection Agency                         |
| Empire  | Empire Offshore Wind LLC                                |
| EW 1    | Empire Wind 1                                           |
| EW 2    | Empire Wind 2                                           |
| ft      | feet                                                    |
| GS      | grain size                                              |
| ha      | hectare(s)                                              |
| INSPIRE | INSPIRE Environmental, Inc.                             |
| km      | kilometer(s)                                            |
| LPIL    | lowest practical identification level                   |
| m       | meter(s)                                                |
| MDD     | minimum detectable differences                          |
| mi      | statute mile(s)                                         |
| mL      | milliliter(s)                                           |
| mm      | millimeter(s)                                           |
| nm      | nautical mile(s) bay                                    |
| NYDPS   | New York Department of Public Service                   |
| NYSDEC  | New York State Department of Environmental Conservation |
| OSS     | offshore substations                                    |
| POIs    | Points of Interconnection                               |
| PV      | Plan View Imaging                                       |
| QA      | quality assurance                                       |
| QC      | quality control                                         |
| R/V     | Research Vessel                                         |
| SPI     | Sediment Profile Imaging                                |
| TOGS    | Technical and Operational Guidance Series               |
| WEA     | Wind Energy Area                                        |

## EXECUTIVE SUMMARY

INSPIRE Environmental conducted a benthic survey along the New York (NY) state waters portion of the planned Empire Wind 1 (EW 1) export cable route. The objective of this survey was to characterize seafloor conditions, including the collection of geophysical, biological, and chemical parameters, prior to the installation of the EW 1 export cable. The survey design and sampling approach is described in detail within the *Empire Wind 1 Benthic Sampling Plan New York State* (INSPIRE 2023) that was developed from discussions with local and state agencies through the New York Article VII permitting process. Following EW 1 cable installation, the baseline data obtained during this 2023 survey will be compared to post-construction benthic survey results to assess any effects resulting from installation activities and operation of the EW 1 export cable.

The benthic survey was conducted 30 August to 1 September 2023 onboard the Research Vessel *Atlantic Surveyor*. Sampling included data collection at 91 Sediment Profile and Plan View Imaging (SPI/PV) stations, 46 sediment grab stations for grain size analysis and benthic community analysis (BCA), and 39 sediment grab stations for chemistry analyses. This addendum includes the benthic community analysis results from the sediment grab samples collected at a total of 46 stations along the planned EW 1 within NY state waters. At each station, three replicate grabs were collected and processed for benthic community analysis.

The results are grouped by broad geographic areas including the northern-most portion of the planned export cable located along the Bay Ridge Channel, the portion extending through the Verrazano Narrows, within Gravesend Bay, west and southwest of Coney Island into the Lower Bay, and the Offshore stations along the Ambrose Channel extending to the NY state waters boundary. Further refinement of these geographic areas into discrete habitat types will be completed through benthic habitat mapping of this region using project-specific high-resolution geophysical data in combination with ground-truth imagery data. These groupings will be used in future power analyses to determine the minimum detection limit of the survey design and optimal number of replicates at each station.

There were distinct differences in the community species composition and diversity metrics across the surveyed stations along the planned cable route that generally corresponded with geographic location. In general, the macrofaunal community assemblages appeared to be driven by benthic habitat characteristics (substrate type, water depths, and hydrodynamic flow), which will be explored after habitat mapping is completed. In general, the benthic communities offshore (Lower Bay and Offshore stations) had lower macrofaunal abundances, densities, and richness compared with the communities along the northern portion of the route (Gravesend Bay, Verrazano Narrows, and Bay Ridge Channel). Further, the communities at the Offshore stations had generally lower diversity values (Shannon-Weiner and Pielou's Indices) compared with the rest of the surveyed stations.

Across all stations the benthic community assemblages were primarily composed of species from the following major taxonomic Classes: Bivalvia, Clitellata, Gastropoda, Malacostraca, and

Polychaeta. The Offshore stations had higher contributions of Malacostraca (mainly amphipod species including *Protohaustorius wigleyi*), which are common in sandy environments with relatively high hydrodynamic flow. Aside from the Offshore stations, several Polychaeta species tended to occur ubiquitously across the surveyed stations. In particular, the polychaete *Streblospio benecti* occurred in relatively high abundances at the Bay Ridge Channel, Gravesend Bay stations, and at several stations in Verrazano Narrows and Lower Bay. This spionid polychaete is a small tube-dwelling opportunistic organism known to occur in soft sediments; this highly productive polychaete is tolerant of pollution and commonly occurs in disturbed areas. Other polychaetes observed in the samples included *Maldanidae* spp, *Tharyx acutus*, *Mediomastus* spp., and *Aricidea catherinae*, among others. High counts of Clitellata (Annelid worms) occurred at several stations within Gravesend Bay and Verrazano Narrows. Elevated numbers of Bivalvia (specifically, the infaunal clam *Nucula proxima*) occurred at two stations within Bay Ridge Channel.

This survey provided baseline information on the macrofaunal community composition and diversity metrics along the planned export cable route within NY state waters. The survey fulfilled the requirements of the pre-construction benthic sampling in accordance with the Article VII Certificate Conditions. These benthic community results will be used in a statistical power analysis to estimate the minimum detectable differences as a function of sampling effort (i.e., number of stations). Given the heterogeneous habitat types observed along the proposed EW 1 export cable, the physical data collected during this baseline survey will be synthesized with previous benthic data collected for this project in this area as well as with the geophysical multibeam data to delineate benthic habitat types along the cable route. These habitat types will be used as ecological strata in the power analysis. The power analysis will be conducted following the completion of benthic habitat mapping but prior to the post-installation benthic sampling event.

## 1.0 INTRODUCTION

### 1.1 Overview of Proposed Action

Empire Offshore Wind LLC (Empire) proposes to construct and operate an offshore wind farm located in the designated Renewable Energy Lease Area OCS-A 0512 (Lease Area). The Lease Area covers approximately 79,350 acres ([ac]; 32,112 hectares [ha]) and is located approximately 14 statute miles (mi) (12 nautical miles [nm], 21 kilometers [km]) south of Long Island, New York and approximately 20 mi (17 nm, 31 km) east of Long Branch, New Jersey (Figure 1-1). The Lease Area was awarded through the Bureau of Ocean Energy Management (BOEM) competitive renewable energy lease auction of the Wind Energy Area (WEA) offshore of New York.

Empire proposes to develop the Lease Area in two wind farms, known as Empire Wind 1 (EW 1) and Empire Wind 2 (EW 2). EW 1 and EW 2 will be electrically isolated and independent from each other. Each wind farm will connect via offshore substations (OSS) to separate Points of Interconnection (POIs) at onshore locations by way of export cable routes and onshore substations. In this respect, the Project includes two onshore locations in New York where the renewable electricity generated will be transmitted to the electric grid.

The Project will include up to 66 nm (122 km) of submarine export cables, consisting of up to two routes to New York:

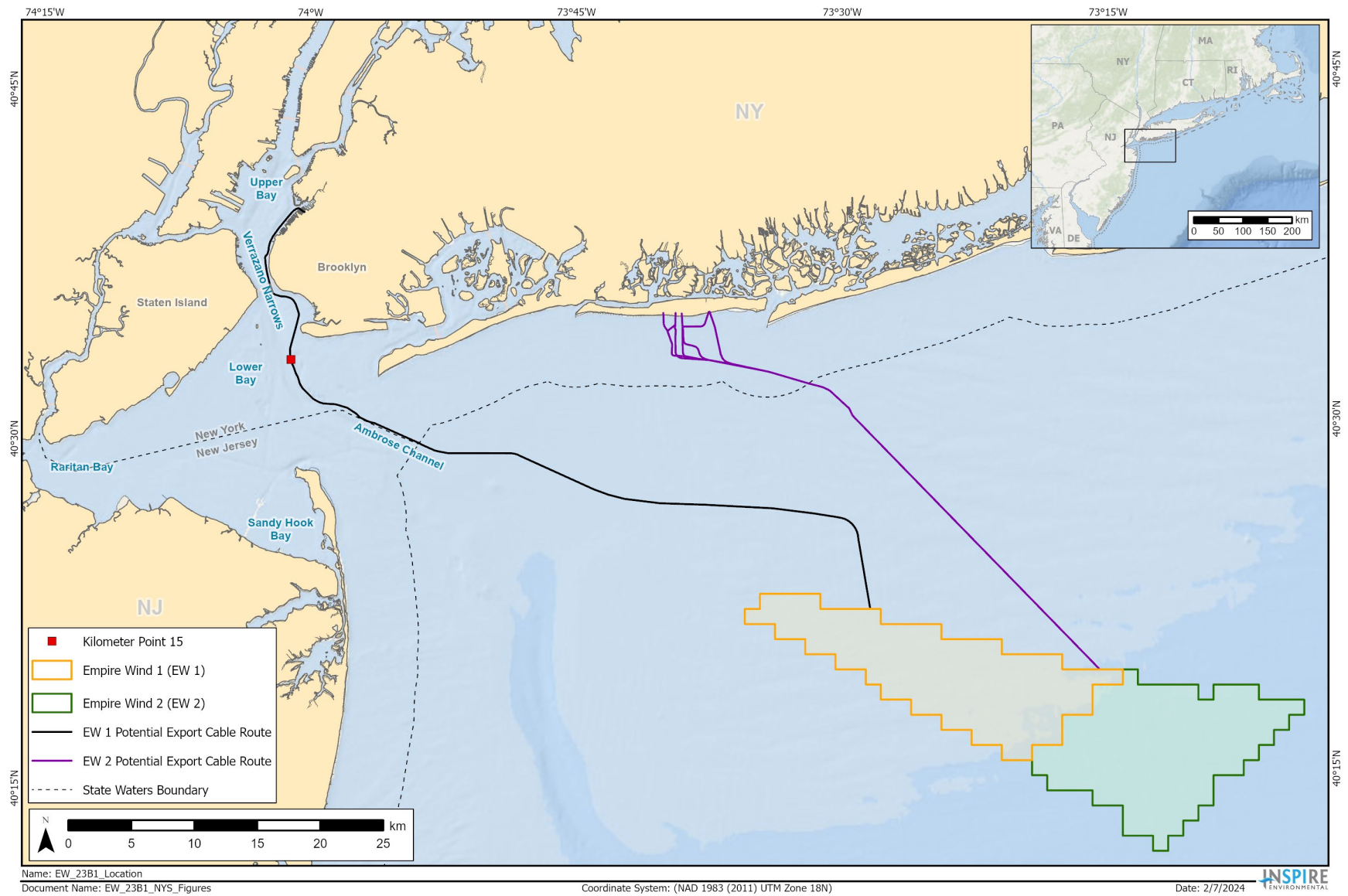
- Up to 40 nm (74 km) to the EW 1 landfall (Brooklyn, NY), of which 16 nm (30 km) are in state waters; and
- Up to 26 nm (48 km) to the EW 2 landfall (Oceanside, NY), of which 8 nm (15 km) are in state waters.

### 1.2 Benthic Survey Objectives

This report will serve as an addendum to the *Empire Wind Pre-Construction Benthic Monitoring Survey Report New York State Waters* that was finalized in February 2024 (INSPIRE 2024). This addendum describes the sediment grab sampling for benthic community analysis that was completed by INSPIRE Environmental, Inc. (INSPIRE) in August/September 2023. The focus of this benthic survey was the EW 1 export cable route, which transits away from the Lease Area from its northeastern boundary and continues north-northwest towards Lower New York Bay (Figure 1-1). The EW 1 runs parallel to the Ambrose Channel as it enters Lower New York Bay, transits through the Verrazano Narrows on the eastern side and makes landfall in Brooklyn, NY. The survey design and sampling approach is described in detail within the *Empire Wind 1 Benthic Sampling Plan New York State* (INSPIRE 2023) that was developed from discussions with local and state agencies through the New York Article VII permitting process.

The objective of this survey was to characterize seafloor conditions, including the collection of geophysical, biological, and chemical parameters, prior to the installation of the EW 1 export

cable. Specifically, the *Empire Wind 1 Benthic Sampling Plan New York State Waters* was designed to characterize and summarize baseline benthic conditions and sediment chemical levels observed prior to cable installation within New York state waters, and subsequently monitor post-installation benthic conditions and chemical levels to assess any effects resulting from installation activities and operation of the EW 1 export cable (INSPIRE 2023). The focus of this addendum are the results from the benthic community analysis of sediment grab samples.



**Figure 1-1. Location of planned Empire Wind 1 and Empire Wind 2 Projects including the Export Cable Routes**

## **2.0 METHODS**

INSPIRE collected sediment grab samples for benthic community analysis (BCA) along the proposed EW 1 export cable to document baseline conditions prior to the commencement of seafloor preparation and construction activities. Target station locations align with the survey design specified in the *Empire Wind 1 Benthic Sampling Plan New York State Waters* (INSPIRE 2023).

A total of 46 stations were sampled along the EW 1 export cable for benthic community analysis during the pre-construction benthic survey in New York state waters in August and September 2023 during 24-hour operations onboard the Research Vessel (R/V) *Atlantic Surveyor* (Figure 2-1; INSPIRE 2024).

### **2.1 Survey Design**

Sediment grab samples were collected at 46 of stations for BCA (triplicate sediment grab samples at each station) (Figure 2-1). Sediment grab samples were collected in triplicate every 2,000 feet (ft) along the proposed EW 1 export cable route within New York state waters (Figure 2-1). The exact locations of the stations were discussed with representatives of the New York State Department of Environmental Conservation (NYSDEC) and New York Department of Public Service (NYDPS) during a webinar on August 18, 2023.

Sediment subsamples were collected from each acceptable grab sample for grain size analysis and the remaining sediment sample was sieved and preserved onboard the vessel for BCA. At these sediment grab stations, a minimum of three replicate grab samples were collected and analyzed for BCA and grain size analysis by standard Environmental Protection Agency (EPA) approved protocols (Swartz 2004). Results of the BCA were not available at the time of writing the initial report and are therefore included in this addendum.

### **2.2 Navigation**

Navigation software was used for positional data acquisition and navigating the vessel to the sampling stations. When the vessel was within a 7.5-meter (m) radius of the target location, the grab sampler was lowered to the seafloor. The navigator electronically recorded the vessel's position and water depth when the camera system or grab sampler contacted the seafloor and the winch wire went slack.

### **2.3 Sediment Grab Sample Collection**

Sediment grab samples were collected using a Ted Young Modified Van Veen grab sampler (0.04 m<sup>2</sup>). When the sampler landed on the seafloor, an additional 0.5 to 1 m of cable was laid out to allow the grab sampler to close. The navigator recorded the position (electronically; INSPIRE 2024) and the grab was returned to the surface. Once onboard, field scientists examined the surface of the grab for acceptability, which included the following: the sampler was not over-filled, overlying water was present and not excessively turbid, and the penetration



depth was ~7 centimeters (cm). Additional information was recorded on the sediment sample log form for each station, including time of collection, number of grab attempts, general visual description of the sediment, penetration depth, and any odor (INSPIRE 2024).

Following the grain size subsample collection, the remaining sediment sample was transferred to a collection bucket and the grab sampler was carefully rinsed to deposit any remaining sediment and organisms into the bucket. The contents of the bucket were sieved gently through a 0.5-millimeters (mm) mesh sieve using filtered seawater. The sieve contents were gently rinsed into an appropriately sized, screw-top sample container (typically 500 to 1,000 milliliters [mL]). The jar was then filled with a solution of filtered seawater and 10% buffered formalin (4% formaldehyde). The container was shaken gently to mix preservative and buffer thoroughly within the sample material. Upon return from the field, the preserved benthic infauna samples were shipped to Barry Vittor and Associates (Mobile, AL) for analysis.

## **2.4 Benthic Community Analyses**

Individual organisms were hand-picked and identified to the lowest practical identification level (LPIL). All data generated were first coded on data sheets and enumeration data were entered for each species according to replicates at each station. These data were reduced to a data summary report for each station, which included a taxonomic species list and benthic community parameter information. Data are presented by station with both the summation and mean number of individuals and number of taxa across the three replicate sediment samples.

Several univariate numerical indices were chosen for analysis and interpretation of the macrofaunal data. Abundance was reported as the total number of individuals per station and the total number of individuals per square meter (macrofaunal density). Taxa richness was reported as the number of unique taxa present at each station. Taxa diversity was estimated by Shannon's Index ( $H'$ ) (Pielou 1966) and taxa evenness was estimated by Pielou's Index ( $J'$ ) (Pielou 1966).

The composition of the community assemblages was examined by taxonomic Class, averaging and plotting abundances by Class across replicates at each station. To explore the community assemblages at a higher taxonomic resolution, the top 25 most numerically abundant taxa (LPIL) across the entire dataset were screened and the average abundances across replicates at each station were plotted and observed spatial trends were discussed.

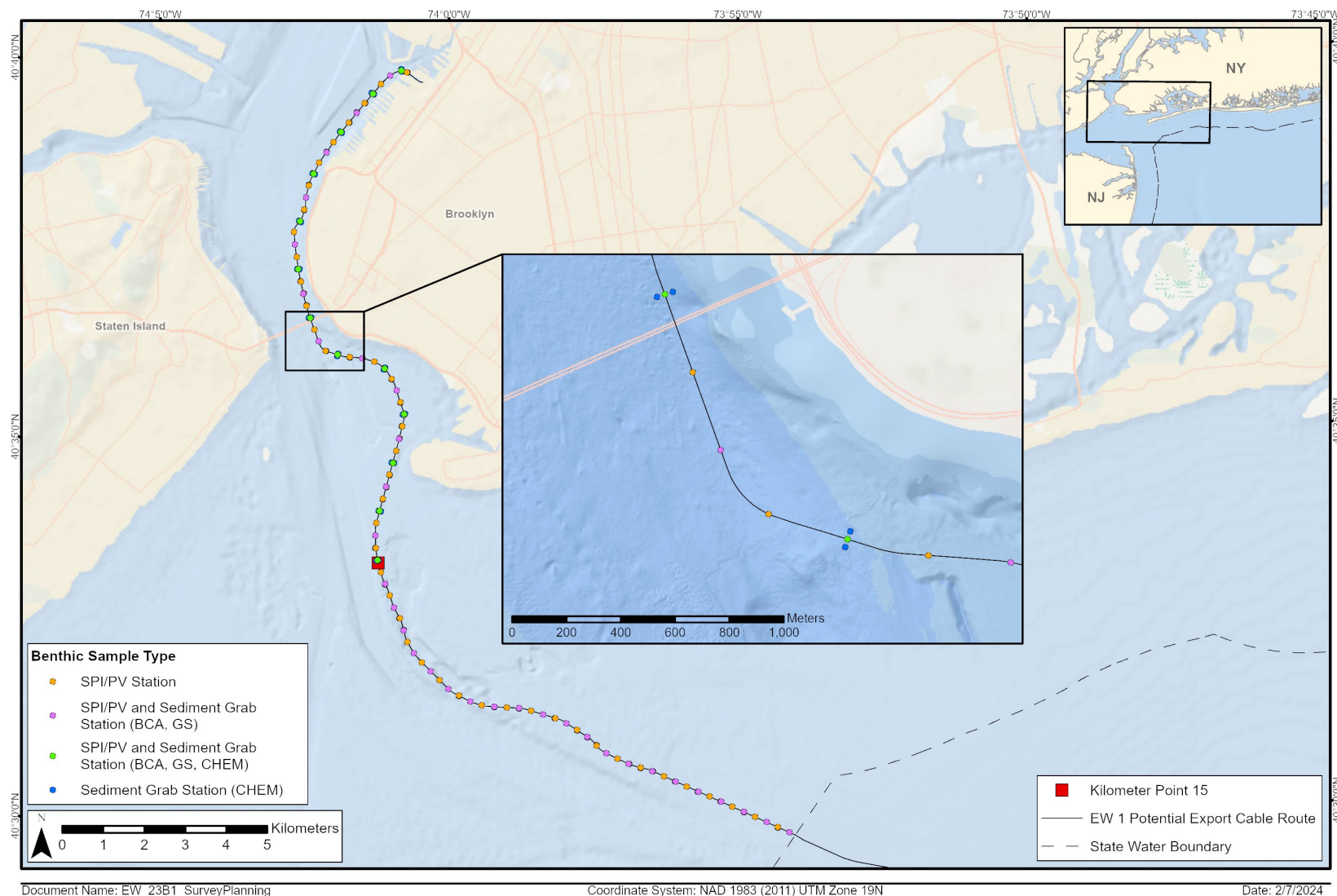
## **2.5 Data Quality Assurance and Quality Control**

Quality assurance and quality control (QA/QC) measures were taken to ensure reproducible and scientifically defensible data were generated that are sufficient in accuracy, precision, completeness, and representativeness. Measures were taken during field data collection for data quality assurance and control in alignment with INSPIRE's standard operating procedure for sediment grab sample collection (INSPIRE 2019). Sediment sampling followed the guidelines provided in the NYSDEC TOGS 5.1.9 (NYSDEC 2004).



Proper and comprehensive sample documentation from field records to custody forms to analytical laboratory notes and reports ensured samples are traceable and the results are legally defensible. A complete field record of all sampling procedures was maintained including station locations, sample handling, preservation, and storage procedures, all of which is provided in the full report (INSPIRE 2024).

The sediment grab sampling system was tested prior to and during survey activities to ensure calibration and operation. Full backup systems (including tools, parts, and electronics) were carried in the field. All data collected were time-stamped both digitally and in hand-written logs to ensure proper identification and synchronization with navigational data.



**Figure 2-1. Station locations sampled with Sediment Profile and Plan View Imaging (SPI/PV) and sediment grab sampler (benthic community analysis [BCA], grain size [GS], and chemistry [CHEM]) along the EW 1 Cable Route. Water column salinity and temperature profiles and sediment temperature measurements were collected at all SPI/PV stations.**

### 3.0 RESULTS

INSPIRE completed the pre-installation benthic survey along the NY state waters portion of the planned EW 1 export cable route from 30 August to 1 September 2023 onboard the R/V *Atlantic Surveyor*. Sampling included the collection of a total of 91 SPI/PV stations, 46 sediment grab stations for grain size analysis and BCA, and 39 sediment grab stations for chemistry analyses. Water column profiles of temperature and salinity as well as surficial sediment temperature readings were collected at all 91 SPI/PV stations. This addendum includes the benthic community analysis results from the sediment grab samples collected at a total of 46 stations along the planned EW 1 within NY state waters (Figure 2-1). At each station, three replicate grabs were collected and processed for benthic community analysis.

The results discussed below are grouped by general area along the cable route as illustrated in Figure 3-1. These broad geographic areas included the northern-most portion of the planned export cable located along the Bay Ridge Channel, the portion extending through the Verrazano Narrows, within Gravesend Bay, west and southwest of Coney Island into the Lower Bay, and the Offshore stations along the Ambrose Channel extending to the NY state waters boundary. Further refinement of these geographic areas into discrete habitat types will be completed through benthic habitat mapping of this region using project-specific high resolution geophysical data in combination with ground-truth imagery data.

#### 3.1 Abundance and Diversity Metrics

Benthic species abundances were generally similar at stations in the inner portion of the planned EW 1 export cable route (Bay Ridge Channel, Verrazano Narrows, and Gravesend Bay), with relatively lower abundances and densities reported at the Lower Bay and Offshore stations (Table 3-1; Figure 3-2A; Appendix A). The total number of individuals, summed across replicates at each station, ranged from 31 total individuals at Station 77 to 3,555 total individuals at Station 13, and averaged 829 individuals across all stations (Table 3-1). The relatively high infaunal abundances at Station 13 were driven by a single species, the bivalve *Nucula proxima*, which was also observed in high densities at Station 15 (Figures 3-3 and 3-4; Appendices A and B). Both Stations 13 and 15 were within the Bay Ridge Channel region.

Species richness (represented as the total number of unique taxa), Shannon-Wiener diversity index ( $H'$ ), and Pielou's index (species evenness,  $J'$ ) varied slightly across geographic spatial groups (Table 3-1; Figure 3-2). A total of 232 distinct taxa (LPIL) were identified across the 137 total sediment grab sample replicates (Appendices A and B). The average number of unique taxa across replicates at each station ranged from 5.3 taxa at Station 77 to 47.3 taxa at Station 39 (Table 3-1). Generally lower species richness, Shannon-Weiner index, and Pielou's index were associated with the Offshore stations and the Bay Ridge Channel stations (Table 3-1; Figure 3-2; Appendix A).

### 3.2 Community Assemblages

The complete community count matrix by sample replicate is provided in Appendix B. The raw counts and the relative abundances were averaged across replicates and general spatial patterns in community composition are discussed here. In general, the benthic community assemblages were primarily composed of species from the following major taxonomic Classes: Bivalvia, Clitellata, Gastropoda, Malacostraca, and Polychaeta (Figure 3-3). As described above, there were generally lower overall abundances at the Lower Bay and Offshore stations compared with overall counts documented in the other regions of the export cable route (Figure 3-3). The Offshore stations had higher contributions of Malacostraca, specifically *Protohaustorius wigleyi*, an amphipod species known to commonly occur in sandy environments (Appendix B). High counts of Clitellata (Annelid worms) occurred at several stations within Gravesend Bay and Verrazano Narrows and elevated numbers of Bivalvia occurred at Stations 13 and 15 within Bay Ridge Channel.

Further taxonomic resolution across stations is provided in Figure 3-4, which visualizes the top 25 most abundant taxa across the data set. This figure provides a depiction of the average relative abundances of the most abundant taxa across replicates at each station organized by geographic region.

The Offshore stations had substantially different community assemblages than the other geographic regions. In particular, at the Offshore Stations 67, 69, 77, and 79, the top 25 most abundant taxa across the entire dataset only contributed approximately 25% to the community composition at these stations; at these stations the amphipod *Acanthohaustorius* spp. (Stations 67 and 69) and the bivalve *Spisula solidissima* (Stations 77 and 79) were prevalent but were only minor fractions of the communities at the other stations so were not included within the top 25 most abundant taxa across the entire data set (Appendix B). A transition to communities dominated by Malacostraca (amphipod) species occurred between Stations 79 and 81, with high relative numbers of *Protohaustorius wigleyi* reported at Stations 81 through 91, which were located in medium to fine sand environment near the NY state waters boundary (Figure 3-4).

Aside from the Offshore stations, polychaete species tended to occur ubiquitously across the surveyed stations. In particular, the polychaete *Streblospio benecti* occurred in relatively high abundances at the Bay Ridge Channel, Gravesend Bay stations, and several stations in Verrazano Narrows and Lower Bay. This spionid polychaete is a small tube-dwelling opportunistic organism known to occur in soft sediments; this highly productive polychaete is tolerant of pollution and commonly occurs in disturbed areas. Other polychaetes observed in the samples included *Maldanidae* spp., *Tharyx acutus*, *Mediomastus* spp., and *Aricidea catherinae*, among others (Figure 3-4).

Other notable spatial trends included similarities in community assemblages at the stations within Bay Ridge Channel and those in Gravesend Bay, including the occurrence of several species of Gastropoda (Class) that were documented in these two regions and not frequently observed along the other portions of the cable route, including *Turbonilla* (LPIL), *Acteocina*

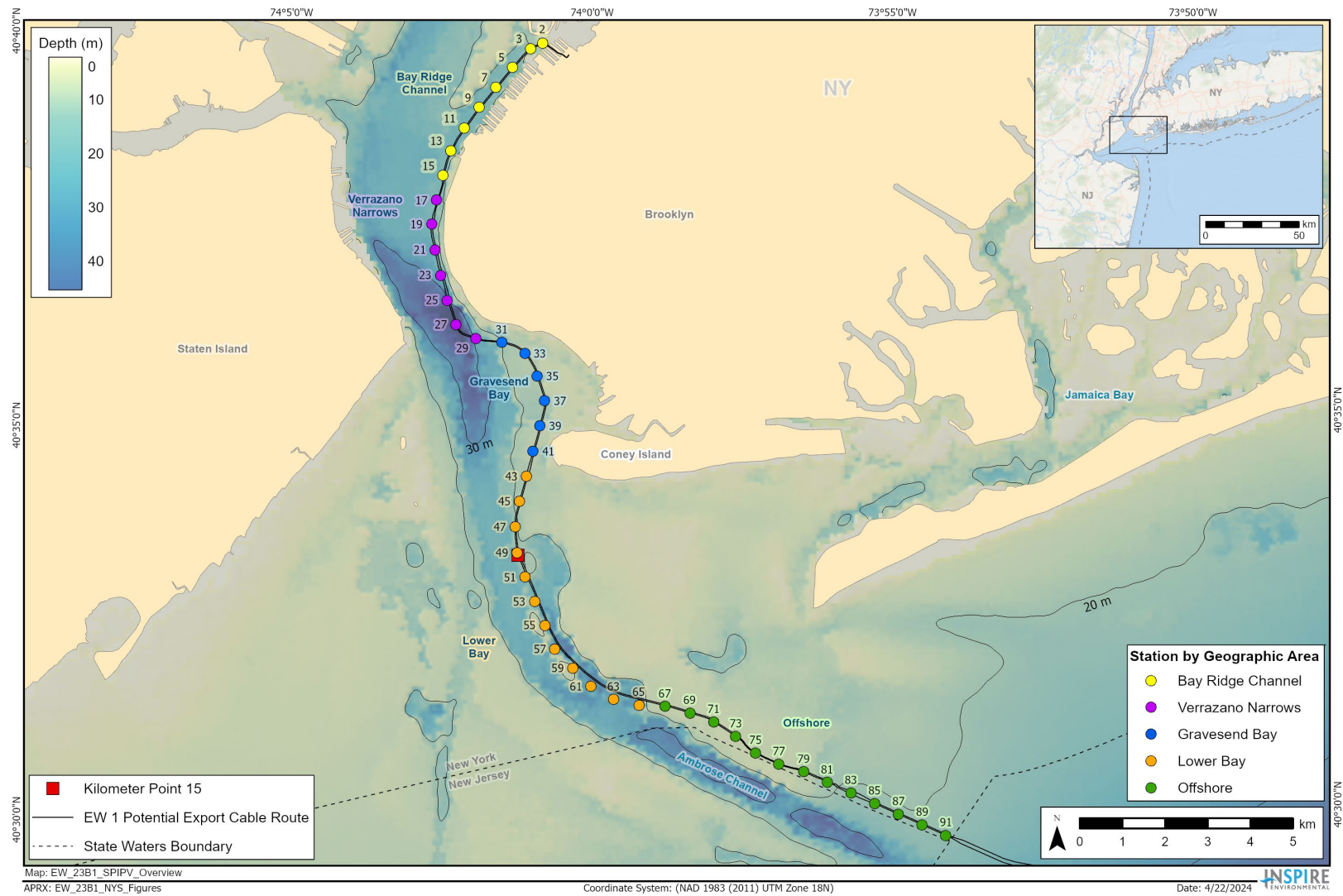
*canaliculate*, and *Tritia trivittata*. Additionally, Anopla *Tubulanus*, a marine nematode, was documented at stations within both the Bay Ridge Channel and Gravesend Bay, with only low relative abundances at the Verrazano Narrows stations and did not occur in high abundances in the Lower Bay or Offshore.

**Table 3-1 Summary of Station Counts Grouped by General Area Along the Cable Route**

| Area              | Station ID  | Mean No. of Taxa | Total No. Taxa | Mean Density (indiv/m <sup>2</sup> ) | Total No. Indiv | Diversity (H') | Evenness (J') |
|-------------------|-------------|------------------|----------------|--------------------------------------|-----------------|----------------|---------------|
| Bay Ridge Channel | 002         | 12.0             | 20             | 1825.0                               | 219             | 1.99           | 0.66          |
|                   | 003         | 8.0              | 12             | 808.3                                | 97              | 1.89           | 0.76          |
|                   | 005         | 31.0             | 54             | 5975.0                               | 717             | 2.66           | 0.67          |
|                   | 007         | 26.7             | 48             | 5000.0                               | 600             | 2.68           | 0.69          |
|                   | 009         | 25.0             | 41             | 7108.3                               | 853             | 2.44           | 0.66          |
|                   | 011         | 22.0             | 38             | 6241.7                               | 749             | 2.19           | 0.60          |
|                   | 013         | 20.7             | 33             | 29625.0                              | 3555            | 0.85           | 0.24          |
|                   | 015         | 20.7             | 31             | 14708.3                              | 1765            | 1.23           | 0.36          |
|                   | <b>Mean</b> | <b>20.8</b>      | <b>35</b>      | <b>8911.5</b>                        | <b>1069</b>     | <b>1.99</b>    | <b>0.58</b>   |
| Verrazano Narrows | 017         | 41.3             | 70             | 7375.0                               | 885             | 3.01           | 0.71          |
|                   | 019         | 38.0             | 57             | 10500.0                              | 1260            | 2.71           | 0.67          |
|                   | 021         | 38.7             | 68             | 11816.7                              | 1418            | 2.55           | 0.60          |
|                   | 023         | 31.0             | 53             | 6550.0                               | 786             | 2.72           | 0.68          |
|                   | 025         | 30.7             | 54             | 6425.0                               | 771             | 2.30           | 0.58          |
|                   | 027         | 35.0             | 50             | 21650.0                              | 1732            | 1.56           | 0.40          |
|                   | 029         | 34.3             | 57             | 15508.3                              | 1861            | 2.50           | 0.62          |
|                   | <b>Mean</b> | <b>35.6</b>      | <b>58</b>      | <b>11403.6</b>                       | <b>1245</b>     | <b>2.48</b>    | <b>0.61</b>   |
| Gravesend Bay     | 031         | 33.3             | 51             | 9633.3                               | 1156            | 2.43           | 0.62          |
|                   | 033         | 21.3             | 35             | 4375.0                               | 525             | 2.51           | 0.71          |
|                   | 035         | 24.3             | 36             | 4708.3                               | 565             | 2.64           | 0.74          |
|                   | 037         | 25.0             | 40             | 7300.0                               | 876             | 2.36           | 0.64          |
|                   | 039         | 47.3             | 75             | 24016.7                              | 2882            | 2.68           | 0.62          |
|                   | 041         | 40.0             | 62             | 16750.0                              | 2010            | 2.21           | 0.54          |
|                   | <b>Mean</b> | <b>31.9</b>      | <b>50</b>      | <b>11130.6</b>                       | <b>1336</b>     | <b>2.47</b>    | <b>0.64</b>   |
| Lower Bay         | 043         | 43.0             | 66             | 19091.7                              | 2291            | 2.23           | 0.53          |
|                   | 045         | 40.0             | 61             | 13125.0                              | 1575            | 2.36           | 0.57          |
|                   | 047         | 23.0             | 49             | 8050.0                               | 966             | 1.89           | 0.49          |
|                   | 049         | 26.0             | 48             | 3800.0                               | 456             | 2.50           | 0.64          |
|                   | 051         | 23.3             | 36             | 7425.0                               | 891             | 2.47           | 0.69          |
|                   | 053         | 21.3             | 40             | 3250.0                               | 390             | 2.48           | 0.67          |
|                   | 055         | 15.0             | 29             | 1308.3                               | 157             | 2.77           | 0.82          |
|                   | 057         | 36.3             | 68             | 5458.3                               | 655             | 2.99           | 0.71          |
|                   | 059         | 33.7             | 58             | 4600.0                               | 552             | 3.16           | 0.78          |
|                   | 061         | 13.0             | 25             | 566.7                                | 68              | 2.90           | 0.90          |
|                   | 063         | 16.7             | 33             | 1166.7                               | 140             | 2.99           | 0.86          |
|                   | 065         | 35.0             | 63             | 6616.7                               | 794             | 2.08           | 0.50          |
|                   | <b>Mean</b> | <b>27.2</b>      | <b>48</b>      | <b>6204.9</b>                        | <b>745</b>      | <b>2.57</b>    | <b>0.68</b>   |
| Offshore          | 067         | 9.0              | 15             | 700.0                                | 84              | 2.10           | 0.78          |
|                   | 069         | 10.0             | 22             | 1250.0                               | 150             | 1.76           | 0.57          |
|                   | 071         | 22.3             | 47             | 5508.3                               | 661             | 1.96           | 0.51          |
|                   | 073         | 13.3             | 26             | 3216.7                               | 386             | 2.05           | 0.63          |
|                   | 075         | 9.7              | 17             | 1700.0                               | 204             | 1.58           | 0.56          |
|                   | 077         | 5.3              | 9              | 258.3                                | 31              | 1.86           | 0.85          |
|                   | 079         | 14.3             | 29             | 1225.0                               | 147             | 2.51           | 0.74          |
|                   | 081         | 13.3             | 23             | 1950.0                               | 234             | 1.58           | 0.50          |
|                   | 083         | 11.0             | 15             | 2016.7                               | 242             | 1.20           | 0.44          |
|                   | 085         | 11.3             | 21             | 2108.3                               | 253             | 1.13           | 0.37          |
|                   | 087         | 16.0             | 28             | 3583.3                               | 430             | 1.25           | 0.37          |
|                   | 089         | 16.3             | 27             | 5475.0                               | 657             | 1.49           | 0.45          |

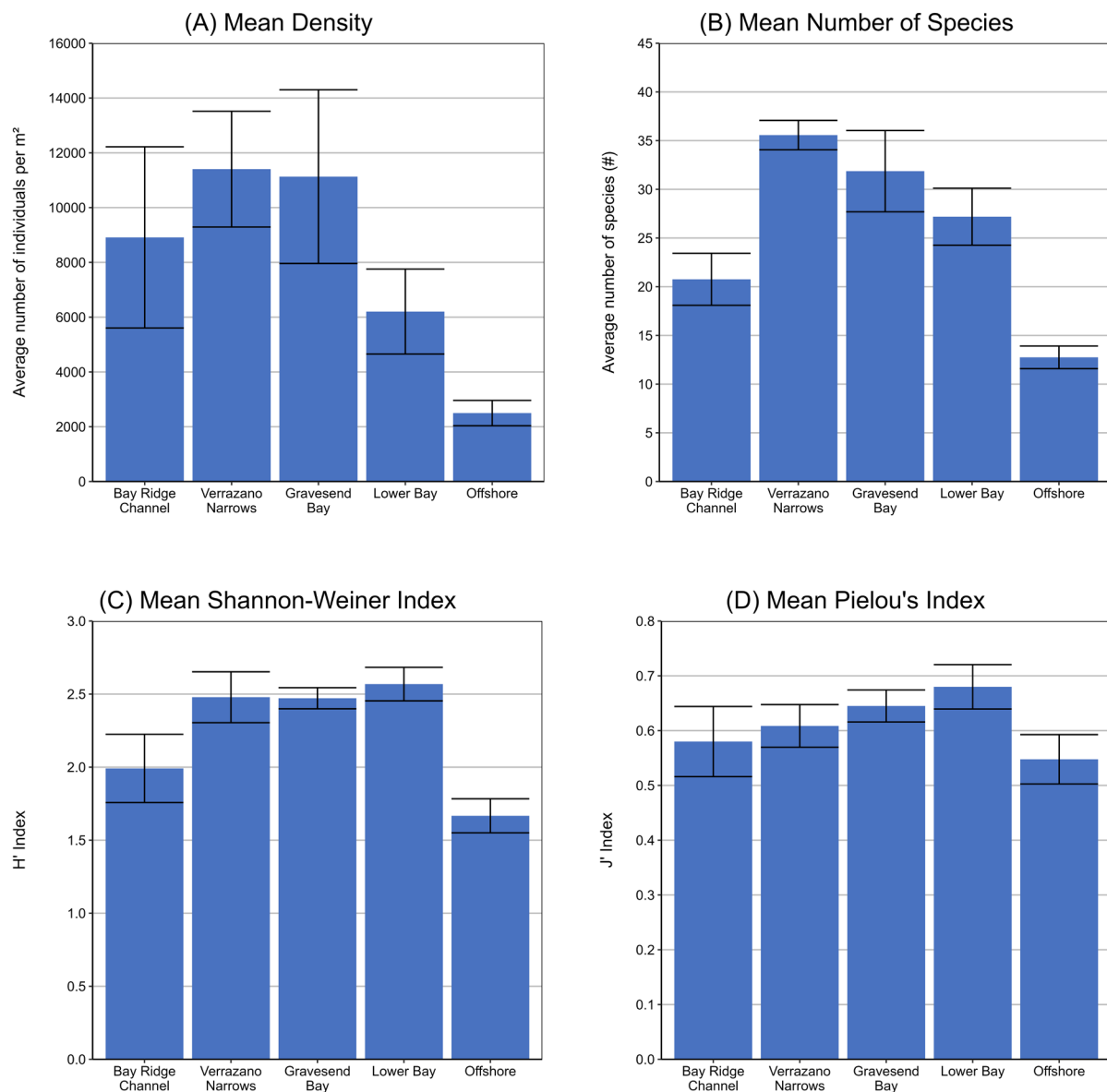
| Area                   | Station ID                | Mean No. of Taxa | Total No. Taxa | Mean Density (indiv/m <sup>2</sup> ) | Total No. Indiv | Diversity (H') | Evenness (J') |
|------------------------|---------------------------|------------------|----------------|--------------------------------------|-----------------|----------------|---------------|
|                        | 091                       | 14.0             | 30             | 3491.7                               | 419             | 1.20           | 0.35          |
|                        | <b>Mean</b>               | <b>12.8</b>      | <b>24</b>      | <b>2498.7</b>                        | <b>300</b>      | <b>1.67</b>    | <b>0.55</b>   |
| <b>Overall Summary</b> |                           |                  |                |                                      |                 |                |               |
|                        | <b>Minimum</b>            | <b>5.3</b>       | <b>9</b>       | <b>258.3</b>                         | <b>31</b>       | <b>0.85</b>    | <b>0.24</b>   |
|                        | <b>Maximum</b>            | <b>47.3</b>      | <b>75</b>      | <b>29625.0</b>                       | <b>3555</b>     | <b>3.16</b>    | <b>0.90</b>   |
|                        | <b>Mean</b>               | <b>23.9</b>      | <b>41</b>      | <b>7061.8</b>                        | <b>829</b>      | <b>2.19</b>    | <b>0.61</b>   |
|                        | <b>Standard Deviation</b> | <b>11.1</b>      | <b>18</b>      | <b>6651.6</b>                        | <b>766</b>      | <b>0.58</b>    | <b>0.15</b>   |



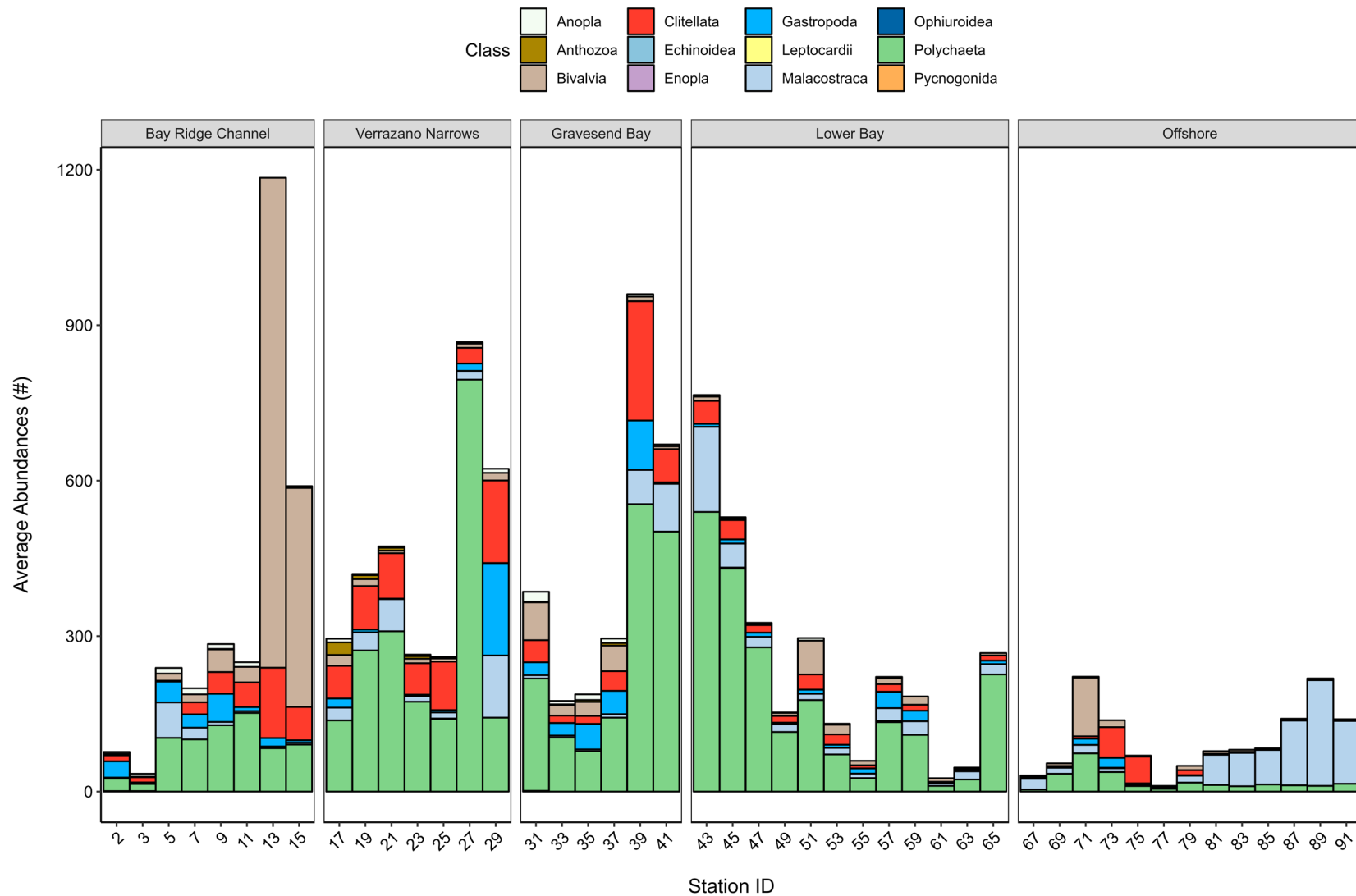


**Figure 3-1. Station locations assigned to general geographic areas for the purpose of describing spatial trends of the results**

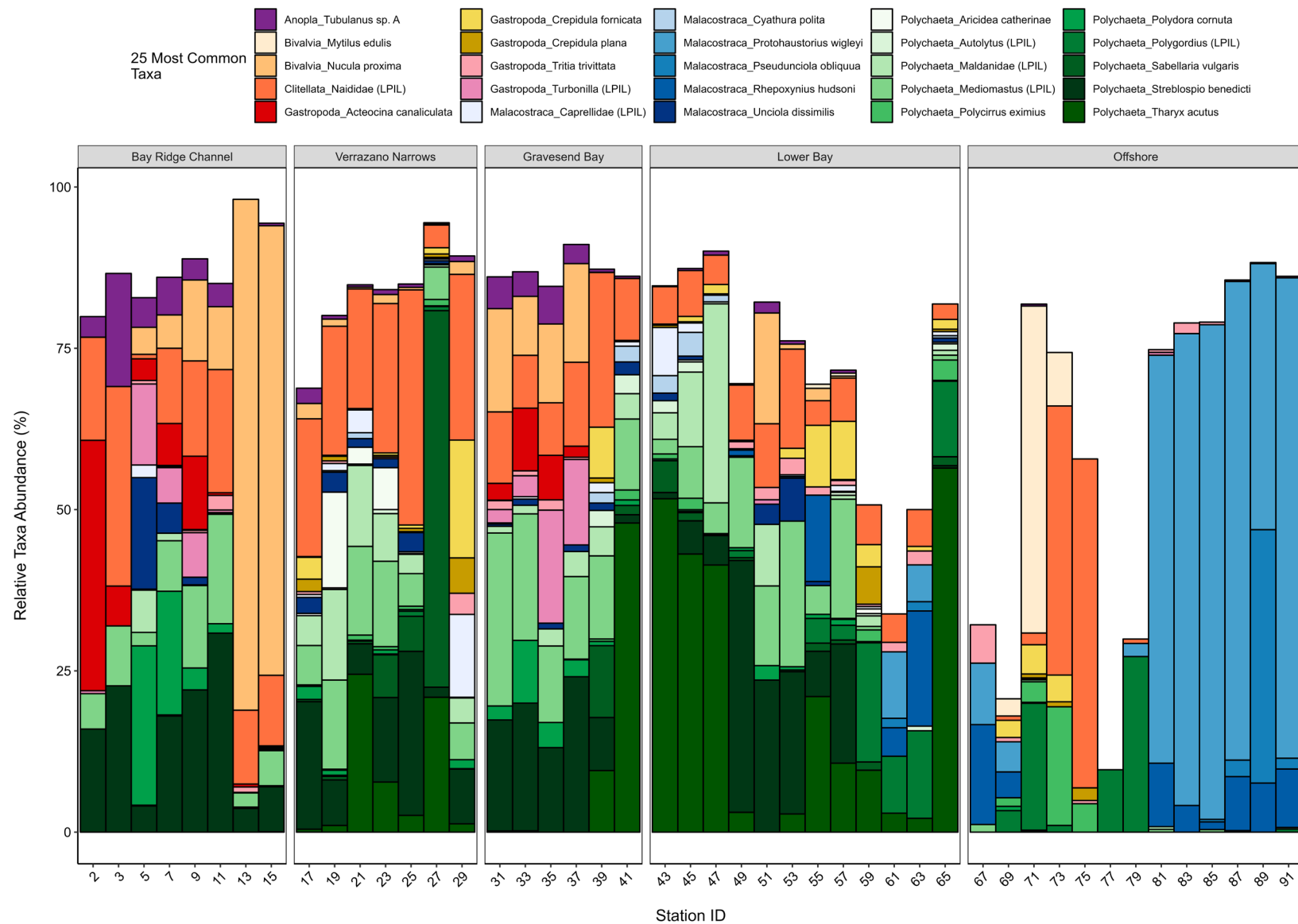




**Figure 3-2. Summary community metrics grouped by geographic area along the planned EW1 export cable including (A) mean densities; (B) species richness; (C) Shannon-Weiner Index; and (D) Pielou's Index; error bars represent standard error within each group**



**Figure 3-3. Average abundances by station of taxonomic Classes, organized according to geographic group**



**Figure 3-4. Average relative abundances by station of the top 25 most abundant taxa across the entire data set, organized according to geographic group**

#### **4.0 NEXT STEPS**

In accordance with the Article VII Certificate Conditions, the results of the benthic community analysis from this baseline study will be used in a statistical power analysis for the comparison between pre- and post-installation time periods. Specifically, the variance estimates of the BCA metrics – total abundance, species richness, and Shannon-Wiener diversity index will be used in a statistical power analysis to estimate the minimum detectable differences (MDD) as a function of sampling effort (i.e., number of stations). Maher and Cerrato (2006) reported significant relationships between geophysical characteristics of the seafloor and the benthic community distributions in this region. Further, Maher and Cerrato (2006) proposed that species richness could be used to determine sample size by evaluating accumulation curves, stratified by habitat type. Given the heterogeneous habitat types observed along the proposed EW 1 export cable, the physical data collected during this baseline survey will be synthesized with previous benthic data collected for this project in this area as well as the geophysical multibeam data to delineate benthic habitat types along the cable route. These habitat types will be used as ecological strata in the power analysis. The power analysis will be conducted following the completion of benthic habitat mapping but prior to the post-installation benthic sampling event.

## 5.0 REFERENCES

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**Empire Wind  
Pre-Construction Benthic Monitoring Survey Report  
New York State Waters**

**ADDENDUM  
For Benthic Community Composition Data**

**APPENDICES**

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## **LIST OF APPENDICES**

Appendix A – Benthic Community Analysis Univariate Results by Replicate Sample

Appendix B – Species Abundances by Replicate Sample

## Appendix A –Benthic Community Analysis Univariate Results by Replicate Sample

LPIL= lowest practical identification level



| Station ID | Replicate | No. of Taxa | Density (No. of individuals/m <sup>2</sup> ) | No. of Individuals | Shannon's Diversity (H') | Pielou's Evenness (J') |
|------------|-----------|-------------|----------------------------------------------|--------------------|--------------------------|------------------------|
| 002        | C         | 17          | 2725                                         | 109                | 1.93                     | 0.68                   |
| 002        | D         | 9           | 1000                                         | 40                 | 1.82                     | 0.83                   |
| 002        | E         | 10          | 1750                                         | 70                 | 1.78                     | 0.77                   |
| 003        | A         | 9           | 1200                                         | 48                 | 1.83                     | 0.83                   |
| 003        | B         | 8           | 725                                          | 29                 | 1.69                     | 0.81                   |
| 003        | C         | 7           | 500                                          | 20                 | 1.51                     | 0.78                   |
| 005        | A         | 26          | 4550                                         | 182                | 2.22                     | 0.68                   |
| 005        | G         | 31          | 4875                                         | 195                | 2.61                     | 0.76                   |
| 005        | H         | 36          | 8500                                         | 340                | 2.66                     | 0.74                   |
| 007        | C         | 36          | 6650                                         | 266                | 2.70                     | 0.75                   |
| 007        | D         | 23          | 4375                                         | 175                | 2.40                     | 0.77                   |
| 007        | E         | 21          | 3975                                         | 159                | 2.40                     | 0.79                   |
| 009        | A         | 30          | 8925                                         | 357                | 2.42                     | 0.71                   |
| 009        | B         | 23          | 5275                                         | 211                | 2.18                     | 0.69                   |
| 009        | C         | 22          | 7125                                         | 285                | 2.31                     | 0.75                   |
| 011        | A         | 17          | 5650                                         | 226                | 1.94                     | 0.69                   |
| 011        | B         | 23          | 6450                                         | 258                | 2.03                     | 0.65                   |
| 011        | C         | 26          | 6625                                         | 265                | 2.18                     | 0.67                   |
| 013        | A         | 16          | 15950                                        | 638                | 0.85                     | 0.31                   |
| 013        | B         | 26          | 36725                                        | 1469               | 0.98                     | 0.30                   |
| 013        | C         | 20          | 36200                                        | 1448               | 0.64                     | 0.21                   |
| 015        | A         | 25          | 18300                                        | 732                | 1.25                     | 0.39                   |
| 015        | C         | 21          | 17600                                        | 704                | 1.17                     | 0.39                   |
| 015        | E         | 16          | 8225                                         | 329                | 1.13                     | 0.41                   |
| 017        | A         | 38          | 7075                                         | 283                | 2.41                     | 0.66                   |
| 017        | C         | 46          | 8050                                         | 322                | 2.80                     | 0.73                   |
| 017        | D         | 40          | 7000                                         | 280                | 2.93                     | 0.80                   |
| 019        | A         | 48          | 13850                                        | 554                | 2.70                     | 0.70                   |
| 019        | B         | 31          | 10050                                        | 402                | 2.23                     | 0.65                   |
| 019        | C         | 35          | 7600                                         | 304                | 2.69                     | 0.76                   |
| 021        | C         | 46          | 15900                                        | 636                | 2.48                     | 0.65                   |
| 021        | D         | 34          | 11350                                        | 454                | 2.33                     | 0.66                   |
| 021        | I         | 36          | 8200                                         | 328                | 2.42                     | 0.67                   |
| 023        | A         | 41          | 10100                                        | 404                | 2.52                     | 0.68                   |
| 023        | C         | 31          | 3650                                         | 146                | 2.65                     | 0.77                   |
| 023        | I         | 21          | 5900                                         | 236                | 2.22                     | 0.73                   |
| 025        | C         | 32          | 5800                                         | 232                | 2.14                     | 0.62                   |
| 025        | E         | 23          | 3825                                         | 153                | 1.98                     | 0.63                   |
| 025        | F         | 37          | 9650                                         | 386                | 2.3                      | 0.64                   |
| 027        | A         | 43          | 32400                                        | 1296               | 1.5                      | 0.4                    |
| 027        | D         | 27          | 10900                                        | 436                | 1.51                     | 0.46                   |
| 029        | C         | 37          | 15750                                        | 630                | 2.52                     | 0.7                    |
| 029        | D         | 31          | 16250                                        | 650                | 2.27                     | 0.66                   |
| 029        | F         | 35          | 14525                                        | 581                | 2.43                     | 0.68                   |
| 031        | B         | 35          | 14525                                        | 581                | 2.26                     | 0.64                   |
| 031        | C         | 30          | 5600                                         | 224                | 2.49                     | 0.73                   |
| 031        | D         | 35          | 8775                                         | 351                | 2.47                     | 0.69                   |
| 033        | C         | 18          | 3100                                         | 124                | 2.29                     | 0.79                   |
| 033        | D         | 22          | 5500                                         | 220                | 2.4                      | 0.78                   |

| Station ID | Replicate | No. of Taxa | Density (No. of individuals/m <sup>2</sup> ) | No. of Individuals | Shannon's Diversity (H') | Pielou's Evenness (J') |
|------------|-----------|-------------|----------------------------------------------|--------------------|--------------------------|------------------------|
| 033        | E         | 24          | 4525                                         | 181                | 2.31                     | 0.73                   |
| 035        | A         | 25          | 4975                                         | 199                | 2.54                     | 0.79                   |
| 035        | B         | 27          | 5600                                         | 224                | 2.57                     | 0.78                   |
| 035        | C         | 21          | 3550                                         | 142                | 2.49                     | 0.82                   |
| 037        | A         | 26          | 9025                                         | 361                | 2.21                     | 0.68                   |
| 037        | B         | 25          | 6875                                         | 275                | 2.41                     | 0.75                   |
| 037        | C         | 24          | 6000                                         | 240                | 2.27                     | 0.71                   |
| 039        | B         | 57          | 29100                                        | 1164               | 2.71                     | 0.67                   |
| 039        | G         | 39          | 24900                                        | 996                | 2.4                      | 0.66                   |
| 039        | I         | 46          | 18050                                        | 722                | 2.67                     | 0.7                    |
| 041        | B         | 43          | 19375                                        | 775                | 1.68                     | 0.45                   |
| 041        | C         | 39          | 19600                                        | 784                | 2.14                     | 0.58                   |
| 041        | E         | 38          | 11275                                        | 451                | 2.69                     | 0.74                   |
| 043        | A         | 41          | 13725                                        | 549                | 2.07                     | 0.56                   |
| 043        | B         | 47          | 28950                                        | 1158               | 2.25                     | 0.58                   |
| 043        | C         | 41          | 14600                                        | 584                | 1.75                     | 0.47                   |
| 045        | A         | 40          | 9775                                         | 391                | 1.82                     | 0.49                   |
| 045        | B         | 36          | 12575                                        | 503                | 2.04                     | 0.57                   |
| 045        | D         | 44          | 17025                                        | 681                | 2.52                     | 0.67                   |
| 047        | A         | 36          | 8550                                         | 342                | 2.12                     | 0.59                   |
| 047        | B         | 11          | 1875                                         | 75                 | 1.66                     | 0.69                   |
| 047        | C         | 22          | 13725                                        | 549                | 1.56                     | 0.5                    |
| 049        | A         | 21          | 5375                                         | 215                | 1.58                     | 0.52                   |
| 049        | B         | 27          | 2700                                         | 108                | 2.58                     | 0.78                   |
| 049        | C         | 30          | 3325                                         | 133                | 2.95                     | 0.87                   |
| 051        | G         | 21          | 8850                                         | 354                | 2.25                     | 0.74                   |
| 051        | H         | 27          | 7575                                         | 303                | 2.37                     | 0.72                   |
| 051        | I         | 22          | 5850                                         | 234                | 2.47                     | 0.8                    |
| 053        | A         | 27          | 4100                                         | 164                | 2.3                      | 0.7                    |
| 053        | B         | 17          | 1525                                         | 61                 | 2.32                     | 0.82                   |
| 053        | C         | 20          | 4125                                         | 165                | 2.23                     | 0.74                   |
| 055        | A         | 14          | 1050                                         | 42                 | 2.08                     | 0.79                   |
| 055        | B         | 16          | 775                                          | 31                 | 2.4                      | 0.87                   |
| 055        | C         | 15          | 2100                                         | 84                 | 2.29                     | 0.84                   |
| 057        | A         | 34          | 3775                                         | 151                | 2.78                     | 0.79                   |
| 057        | B         | 52          | 9475                                         | 379                | 2.87                     | 0.73                   |
| 057        | C         | 23          | 3125                                         | 125                | 2.39                     | 0.76                   |
| 059        | A         | 37          | 4725                                         | 189                | 2.94                     | 0.81                   |
| 059        | I         | 30          | 4700                                         | 188                | 2.72                     | 0.8                    |
| 059        | J         | 34          | 4375                                         | 175                | 2.94                     | 0.83                   |
| 061        | A         | 13          | 525                                          | 21                 | 2.37                     | 0.92                   |
| 061        | B         | 8           | 375                                          | 15                 | 1.81                     | 0.87                   |
| 061        | D         | 18          | 800                                          | 32                 | 2.65                     | 0.92                   |
| 063        | B         | 16          | 1400                                         | 56                 | 2.49                     | 0.9                    |
| 063        | D         | 15          | 1100                                         | 44                 | 2.31                     | 0.85                   |
| 063        | H         | 19          | 1000                                         | 40                 | 2.7                      | 0.92                   |
| 065        | E         | 44          | 3450                                         | 138                | 3.13                     | 0.83                   |
| 065        | F         | 29          | 9700                                         | 388                | 1.16                     | 0.34                   |
| 065        | G         | 32          | 6700                                         | 268                | 1.83                     | 0.53                   |

| Station ID | Replicate | No. of Taxa | Density (No. of individuals/m <sup>2</sup> ) | No. of Individuals | Shannon's Diversity (H') | Pielou's Evenness (J') |
|------------|-----------|-------------|----------------------------------------------|--------------------|--------------------------|------------------------|
| 067        | A         | 11          | 800                                          | 32                 | 2.14                     | 0.89                   |
| 067        | B         | 9           | 800                                          | 32                 | 1.66                     | 0.76                   |
| 067        | C         | 7           | 500                                          | 20                 | 1.54                     | 0.79                   |
| 069        | A         | 11          | 650                                          | 26                 | 2.15                     | 0.9                    |
| 069        | B         | 16          | 3025                                         | 121                | 1.22                     | 0.44                   |
| 069        | D         | 3           | 75                                           | 3                  | 1.1                      | 1                      |
| 071        | A         | 17          | 2375                                         | 95                 | 1.28                     | 0.45                   |
| 071        | E         | 14          | 2950                                         | 118                | 1.72                     | 0.65                   |
| 071        | H         | 36          | 11200                                        | 448                | 1.67                     | 0.47                   |
| 073        | A         | 11          | 1150                                         | 46                 | 1.94                     | 0.81                   |
| 073        | B         | 13          | 3925                                         | 157                | 1.48                     | 0.58                   |
| 073        | C         | 16          | 4575                                         | 183                | 1.95                     | 0.7                    |
| 075        | A         | 9           | 1125                                         | 45                 | 1.64                     | 0.75                   |
| 075        | B         | 11          | 2300                                         | 92                 | 1.33                     | 0.55                   |
| 075        | C         | 9           | 1675                                         | 67                 | 1.5                      | 0.68                   |
| 077        | A         | 5           | 200                                          | 8                  | 1.49                     | 0.93                   |
| 077        | B         | 4           | 150                                          | 6                  | 1.33                     | 0.96                   |
| 077        | C         | 7           | 425                                          | 17                 | 1.58                     | 0.81                   |
| 079        | A         | 16          | 875                                          | 35                 | 2.32                     | 0.84                   |
| 079        | C         | 12          | 1300                                         | 52                 | 1.92                     | 0.77                   |
| 079        | D         | 15          | 1500                                         | 60                 | 2.21                     | 0.82                   |
| 081        | A         | 13          | 1750                                         | 70                 | 1.14                     | 0.45                   |
| 081        | B         | 13          | 1825                                         | 73                 | 1.52                     | 0.59                   |
| 081        | C         | 14          | 2275                                         | 91                 | 1.58                     | 0.6                    |
| 083        | A         | 11          | 2250                                         | 90                 | 1.14                     | 0.47                   |
| 083        | B         | 12          | 1875                                         | 75                 | 1.3                      | 0.52                   |
| 083        | C         | 10          | 1925                                         | 77                 | 1.03                     | 0.45                   |
| 085        | A         | 11          | 1575                                         | 63                 | 1.08                     | 0.45                   |
| 085        | B         | 10          | 2500                                         | 100                | 0.9                      | 0.39                   |
| 085        | C         | 13          | 2250                                         | 90                 | 1.1                      | 0.43                   |
| 087        | A         | 16          | 3825                                         | 153                | 1.15                     | 0.41                   |
| 087        | B         | 15          | 2950                                         | 118                | 1.13                     | 0.42                   |
| 087        | C         | 17          | 3975                                         | 159                | 1.22                     | 0.43                   |
| 089        | B         | 17          | 5800                                         | 232                | 1.25                     | 0.44                   |
| 089        | D         | 15          | 5500                                         | 220                | 1.51                     | 0.56                   |
| 089        | E         | 17          | 5125                                         | 205                | 1.52                     | 0.54                   |
| 091        | A         | 16          | 3300                                         | 132                | 1.1                      | 0.4                    |
| 091        | B         | 10          | 2775                                         | 111                | 0.97                     | 0.42                   |
| 091        | E         | 16          | 4400                                         | 176                | 1.2                      | 0.43                   |

## Appendix B – Species Abundances by Replicate Sample

| Station ID | Phylum     | Class        | Order         | Family         | Taxa                               | Station Replicates Count (n) |   |    |    |    |   |    |    |   |   | Total |
|------------|------------|--------------|---------------|----------------|------------------------------------|------------------------------|---|----|----|----|---|----|----|---|---|-------|
|            |            |              |               |                |                                    | A                            | B | C  | D  | E  | F | G  | H  | I | J |       |
| 002        | Annelida   | Clitellata   | Tubificida    | Naididae       | Naididae (LPIL)                    |                              |   | 18 | 6  | 11 |   |    |    |   |   | 35    |
| 002        | Annelida   | Polychaeta   | Cossurida     | Cossuridae     | <i>Cossura soyeri</i>              |                              |   | 5  |    | 12 |   |    |    |   |   | 17    |
| 002        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae     | Nephtyidae (LPIL)                  |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae     | <i>Nephtys incisa</i>              |                              |   |    | 1  | 1  |   |    |    |   |   | 2     |
| 002        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | <i>Capitella jonesi</i>            |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | Mediomastus (LPIL)                 |                              |   | 5  | 3  | 4  |   |    |    |   |   | 12    |
| 002        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | <i>Mediomastus ambiseta</i>        |                              |   |    | 2  |    |   |    |    |   |   | 2     |
| 002        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Paraprionospio pinnata</i>      |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Streblospio benedicti</i>       |                              |   | 17 | 8  | 10 |   |    |    |   |   | 35    |
| 002        | Annelida   | Polychaeta   | Terebellida   | Pectinariidae  | <i>Pectinaria gouldi</i>           |                              |   |    |    | 1  |   |    |    |   |   | 1     |
| 002        | Arthropoda | Malacostraca | Cumacea       | Leuconidae     | <i>Leucon americanus</i>           |                              |   | 1  | 4  | 1  |   |    |    |   |   | 6     |
| 002        | Arthropoda | Pycnogonida  |               |                | Pycnogonida (LPIL)                 |                              |   | 1  |    | 1  |   |    |    |   |   | 2     |
| 002        | Mollusca   | Bivalvia     |               |                | Bivalvia (LPIL)                    |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Mollusca   | Bivalvia     | Nuculanida    | Yoldiidae      | <i>Yoldia limatula</i>             |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Mollusca   | Bivalvia     | Veneroida     | Mactridae      | <i>Mulinia lateralis</i>           |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Mollusca   | Gastropoda   | Cephalaspidea | Scaphandridae  | <i>Acteocina canaliculata</i>      |                              |   | 45 | 14 | 26 |   |    |    |   |   | 85    |
| 002        | Mollusca   | Gastropoda   | Heterostroph  | Acteonidae     | <i>Japonactaeon punctostriatus</i> |                              |   | 5  | 1  |    |   |    |    |   |   | 6     |
| 002        | Mollusca   | Gastropoda   | Heterostroph  | Pyramidellidae | Eulimastoma (LPIL)                 |                              |   | 1  | 1  |    |   |    |    |   |   | 2     |
| 002        | Mollusca   | Gastropoda   | Heterostroph  | Pyramidellidae | Turbonilla (LPIL)                  |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 002        | Nemertea   | Anopla       | Paleonemertea | Tubulanidae    | <i>Tubulanus sp. A</i>             |                              |   | 4  |    | 3  |   |    |    |   |   | 7     |
| 003        | Annelida   | Clitellata   | Tubificida    | Naididae       | Naididae (LPIL)                    | 11                           | 9 | 10 |    |    |   |    |    |   |   | 30    |
| 003        | Annelida   | Polychaeta   | Cossurida     | Cossuridae     | <i>Cossura soyeri</i>              | 4                            | 1 |    |    |    |   |    |    |   |   | 5     |
| 003        | Annelida   | Polychaeta   | Eunicida      | Onuphidae      | Onuphidae (LPIL)                   | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 003        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae     | Nephtyidae (LPIL)                  | 1                            | 1 | 1  |    |    |   |    |    |   |   | 3     |
| 003        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | Mediomastus (LPIL)                 | 8                            | 1 |    |    |    |   |    |    |   |   | 9     |
| 003        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Streblospio benedicti</i>       | 11                           | 8 | 3  |    |    |   |    |    |   |   | 22    |
| 003        | Annelida   | Polychaeta   | Terebellida   | Pectinariidae  | <i>Pectinaria gouldi</i>           | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 003        | Arthropoda | Malacostraca | Cumacea       | Diastylidae    | <i>Oxyurostylis smithi</i>         |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 003        | Arthropoda | Pycnogonida  |               |                | Pycnogonida (LPIL)                 |                              |   | 1  |    |    |   |    |    |   |   | 1     |
| 003        | Mollusca   | Bivalvia     | Nuculanida    | Yoldiidae      | <i>Yoldia limatula</i>             |                              | 1 |    |    |    |   |    |    |   |   | 1     |
| 003        | Mollusca   | Gastropoda   | Cephalaspidea | Scaphandridae  | <i>Acteocina canaliculata</i>      | 1                            | 2 | 3  |    |    |   |    |    |   |   | 6     |
| 003        | Nemertea   | Anopla       | Paleonemertea | Tubulanidae    | <i>Tubulanus sp. A</i>             | 10                           | 6 | 1  |    |    |   |    |    |   |   | 17    |
| 005        | Annelida   | Clitellata   | Tubificida    | Naididae       | Naididae (LPIL)                    | 1                            |   |    |    |    |   | 2  | 2  |   |   | 5     |
| 005        | Annelida   | Polychaeta   | Cossurida     | Cossuridae     | <i>Cossura soyeri</i>              |                              |   |    |    |    |   |    | 2  |   |   | 2     |
| 005        | Annelida   | Polychaeta   | Eunicida      | Onuphidae      | <i>Diopatra cuprea</i>             | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Eunicida      | Onuphidae      | Onuphidae (LPIL)                   |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae     | Leitoscoloplos (LPIL)              | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae     | Orbiniidae (LPIL)                  |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Hesionidae     | <i>Podarkeopsis levifusca</i>      |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae     | Nephtyidae (LPIL)                  | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Nereididae     | Nereididae (LPIL)                  |                              |   |    |    |    |   |    | 2  |   |   | 2     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Phyllodocidae  | <i>Hypereteone heteropoda</i>      |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Phyllodocidae  | Phyllodocidae (LPIL)               |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Polynoidae     | Polynoidae (LPIL)                  | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Phyllodocida  | Syllidae       | Autolytus (LPIL)                   |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Sabellida     | Sabellidae     | <i>Fabricinuda trilobata</i>       |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Sabellida     | Sabellidae     | <i>Parasabella microphthalma</i>   |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | Mediomastus (LPIL)                 | 2                            |   |    |    |    |   | 7  | 6  |   |   | 15    |
| 005        | Annelida   | Polychaeta   | Scolecida     | Capitellidae   | <i>Mediomastus ambiseta</i>        |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Scolecida     | Maldanidae     | Maldanidae (LPIL)                  | 7                            |   |    |    |    |   | 25 | 15 |   |   | 47    |
| 005        | Annelida   | Polychaeta   | Scolecida     | Maldanidae     | <i>Sabaco elongatus</i>            | 4                            |   |    |    |    |   | 1  | 1  |   |   | 6     |
| 005        | Annelida   | Polychaeta   | Spionida      | Chaetopteridae | Chaetopteridae (LPIL)              | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Spionida      | Chaetopteridae | Mesochaetopterus (LPIL)            | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Spionida      | Chaetopteridae | <i>Spiochaetopterus oculatus</i>   | 1                            |   |    |    |    |   | 1  | 3  |   |   | 5     |
| 005        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Paraprionospio pinnata</i>      |                              |   |    |    |    |   | 2  |    |   |   | 2     |
| 005        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Polydora cornuta</i>            | 59                           |   |    |    |    |   | 38 | 80 |   |   | 177   |
| 005        | Annelida   | Polychaeta   | Spionida      | Spionidae      | <i>Streblospio benedicti</i>       | 3                            |   |    |    |    |   | 8  | 18 |   |   | 29    |
| 005        | Annelida   | Polychaeta   | Terebellida   | Ampharetidae   | <i>Ampharete finmarchica</i>       |                              |   |    |    |    |   |    | 4  |   |   | 4     |
| 005        | Annelida   | Polychaeta   | Terebellida   | Cirratulidae   | Cirratulidae (LPIL)                |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Annelida   | Polychaeta   | Terebellida   | Pectinariidae  | <i>Pectinaria gouldi</i>           |                              |   |    |    |    |   | 2  | 3  |   |   | 5     |
| 005        | Annelida   | Polychaeta   | Terebellida   | Sabellariidae  | <i>Sabellaria vulgaris</i>         |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Arthropoda | Malacostraca | Decapoda      | Portunidae     | <i>Callinectes sapidus</i>         |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Aeginellidae   | <i>Deutella incerta</i>            |                              |   |    |    |    |   |    | 18 |   |   | 18    |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Ampeliscidae   | <i>Ampelisca vadorum</i>           | 1                            |   |    |    |    |   | 1  | 3  |   |   | 5     |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Aoridae        | <i>Unciola dissimilis</i>          | 35                           |   |    |    |    |   | 43 | 46 |   |   | 124   |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Caprellidae    | Caprellidae (LPIL)                 | 1                            |   |    |    |    |   | 5  | 8  |   |   | 14    |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Corophiidae    | Monocorophium (LPIL)               | 1                            |   |    |    |    |   | 3  | 3  |   |   | 7     |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Ischyroceridae | <i>Cerapus tubularis</i>           |                              |   |    |    |    |   |    | 2  |   |   | 2     |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Ischyroceridae | <i>Erichthonius brasiliensis</i>   | 3                            |   |    |    |    |   | 7  | 19 |   |   | 29    |
| 005        | Arthropoda | Malacostraca | Amphipoda     | Melitidae      | <i>Elasmopus levis</i>             |                              |   |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Arthropoda | Malacostraca | Cumacea       | Leuconidae     | <i>Leucon americanus</i>           |                              |   |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Arthropoda | Malacostraca | Decapoda      | Crangonidae    | <i>Crangon septemspinosa</i>       | 1                            |   |    |    |    |   |    |    |   |   | 1     |
| 005        | Arthropoda | Malacostraca | Isopoda       | Stenetriidae   | Stenetriidae (LPIL)                | 1                            |   |    |    |    |   | 1  |    |   |   | 2     |
| 005        | Mollusca   | Bivalvia     | Nuculanida    | Yoldiidae      | <i>Yoldia limatula</i>             | 1                            |   |    |    |    |   | 2  |    |   |   | 3     |
| 005        | Mollusca   | Bivalvia     | Nuculida      | Nuculidae      | <i>Nucula proxima</i>              | 8                            |   |    |    |    |   | 10 | 12 |   |   | 30    |
| 005        | Mollusca   | Bivalvia     | Pholadomyoida | Pandoridae     | <i>Pandora gouldiana</i>           | 1                            |   |    |    |    |   |    | 1  |   |   | 2     |
| 005        | Mollusca   | Bivalvia     | Venerida      | Veneridae      | <i>Pitar morrhuanus</i>            |                              |   |    |    |    |   | 1  | 2  |   |   | 3     |



| Station ID | Phylum          | Class        | Order           | Family         | Taxa                               | Station Replicates Count (n) |    |    |    |    |   |    |    |   |   | Total |
|------------|-----------------|--------------|-----------------|----------------|------------------------------------|------------------------------|----|----|----|----|---|----|----|---|---|-------|
|            |                 |              |                 |                |                                    | A                            | B  | C  | D  | E  | F | G  | H  | I | J |       |
| 005        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Angulus versicolor</i>          |                              |    |    |    |    |   | 2  | 1  |   |   | 3     |
| 005        | Mollusca        | Gastropoda   |                 |                | Gastropoda (LPIL)                  |                              |    |    |    |    |   | 1  |    |   |   | 1     |
| 005        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>      | 11                           |    |    |    |    |   | 4  | 9  |   |   | 24    |
| 005        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | Turbonilla (LPIL)                  | 29                           |    |    |    |    |   | 11 | 50 |   |   | 90    |
| 005        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | Nassariidae (LPIL)                 |                              |    |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>           |                              |    |    |    |    |   | 2  | 2  |   |   | 4     |
| 005        | Mollusca        | Gastropoda   | Neotaenioglossa | Epitoniidae    | <i>Epitonium rupicola</i>          |                              |    |    |    |    |   |    | 1  |   |   | 1     |
| 005        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>             | 6                            |    |    |    |    |   | 9  | 18 |   |   | 33    |
| 005        | Platyhelminthes |              |                 |                | Platyhelminthes (LPIL)             |                              |    |    |    |    |   |    | 1  |   |   | 1     |
| 007        | Annelida        | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                    |                              |    | 26 | 27 | 17 |   |    |    |   |   | 70    |
| 007        | Annelida        | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>              |                              |    |    |    | 5  |   |    |    |   |   | 5     |
| 007        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae     | Leitoscoloplos (LPIL)              |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Podarkeopsis levifusca</i>      |                              |    | 2  |    |    |   |    |    |   |   | 2     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>              |                              |    |    | 1  |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Nereididae     | Nereididae (LPIL)                  |                              |    | 2  |    |    |   |    |    |   |   | 2     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Eumida sanguinea</i>            |                              |    |    |    | 1  |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | Phyllodoce (LPIL)                  |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | Phyllodocidae (LPIL)               |                              |    | 1  | 1  |    |   |    |    |   |   | 2     |
| 007        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | Mediomastus (LPIL)                 |                              |    | 17 | 21 | 9  |   |    |    |   |   | 47    |
| 007        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | <i>Mediomastus ambiseta</i>        |                              |    | 4  |    |    |   |    |    |   |   | 4     |
| 007        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | Maldanidae (LPIL)                  |                              |    | 5  | 2  |    |   |    |    |   |   | 7     |
| 007        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>            |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Paraprionospio pinnata</i>      |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>            |                              |    | 69 | 13 | 33 |   |    |    |   |   | 115   |
| 007        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>       |                              |    | 29 | 39 | 40 |   |    |    |   |   | 108   |
| 007        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae   | Cirratulidae (LPIL)                |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>           |                              |    | 1  | 1  |    |   |    |    |   |   | 2     |
| 007        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae  | <i>Sabellaria vulgaris</i>         |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Grandierella bonnieroides</i>   |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>          |                              |    | 15 | 5  | 8  |   |    |    |   |   | 28    |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae    | Monocorophium (LPIL)               |                              |    | 9  |    | 3  |   |    |    |   |   | 12    |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae | <i>Cerapus tubularis</i>           |                              |    |    | 1  |    |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae | <i>Erichthonius brasiliensis</i>   |                              |    | 2  |    |    |   |    |    |   |   | 2     |
| 007        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae      | <i>Elasmopus levis</i>             |                              |    | 3  |    |    |   |    |    |   |   | 3     |
| 007        | Arthropoda      | Malacostraca | Cumacea         | Diastylidae    | <i>Oxyurostylis smithi</i>         |                              |    |    |    | 1  |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Cumacea         | Leuconidae     | <i>Leucon americanus</i>           |                              |    | 1  | 1  | 3  |   |    |    |   |   | 5     |
| 007        | Arthropoda      | Malacostraca | Decapoda        | Crangonidae    | <i>Crangon septemspinosa</i>       |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Decapoda        | Paguridae      | Pagurus (LPIL)                     |                              |    |    | 1  |    |   |    |    |   |   | 1     |
| 007        | Arthropoda      | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>              |                              |    | 1  |    | 1  |   |    |    |   |   | 2     |
| 007        | Arthropoda      | Malacostraca | Isopoda         | Stenetriidae   | Stenetriidae (LPIL)                |                              |    | 9  |    | 2  |   |    |    |   |   | 11    |
| 007        | Mollusca        | Bivalvia     |                 |                | Bivalvia (LPIL)                    |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae      | <i>Yoldia limatula</i>             |                              |    |    | 1  | 2  |   |    |    |   |   | 3     |
| 007        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>              |                              |    | 12 | 13 | 6  |   |    |    |   |   | 31    |
| 007        | Mollusca        | Bivalvia     | Pholadomyoida   | Pandoridae     | <i>Pandora gouldiana</i>           |                              |    |    | 1  | 2  |   |    |    |   |   | 3     |
| 007        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>            |                              |    | 1  | 1  | 1  |   |    |    |   |   | 3     |
| 007        | Mollusca        | Bivalvia     | Veneroida       | Mactridae      | <i>Mulinia lateralis</i>           |                              |    | 2  | 1  |    |   |    |    |   |   | 3     |
| 007        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Angulus versicolor</i>          |                              |    |    |    | 1  |   |    |    |   |   | 1     |
| 007        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Macoma tenta</i>                |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Gastropoda   |                 |                | Gastropoda (LPIL)                  |                              |    |    | 1  |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>      |                              |    | 15 | 18 | 6  |   |    |    |   |   | 39    |
| 007        | Mollusca        | Gastropoda   | Heterostropho   | Acteonidae     | <i>Japonactaeon punctostriatus</i> |                              |    |    | 1  |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | Turbonilla (LPIL)                  |                              |    | 10 | 14 | 9  |   |    |    |   |   | 33    |
| 007        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae   | <i>Crepidula fornicata</i>         |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Gastropoda   | Neogastropoda   | Muricidae      | <i>Eupleura caudata</i>            |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 007        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>           |                              |    |    |    | 1  |   |    |    |   |   | 1     |
| 007        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>             |                              |    | 17 | 10 | 8  |   |    |    |   |   | 35    |
| 007        | Phoronida       |              |                 | Phoronidae     | Phoronis (LPIL)                    |                              |    | 1  | 1  |    |   |    |    |   |   | 2     |
| 009        | Annelida        | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                    | 74                           | 20 | 32 |    |    |   |    |    |   |   | 126   |
| 009        | Annelida        | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>              | 8                            | 3  | 5  |    |    |   |    |    |   |   | 16    |
| 009        | Annelida        | Polychaeta   | Eunicida        | Onuphidae      | Onuphidae (LPIL)                   |                              | 1  | 1  |    |    |   |    |    |   |   | 2     |
| 009        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae     | Orbiniidae (LPIL)                  | 1                            |    |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glycera americana</i>           |                              | 2  |    |    |    |   |    |    |   |   | 2     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Goniadidae     | <i>Glycinde solitaria</i>          |                              | 1  |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Podarkeopsis levifusca</i>      |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>              | 2                            |    | 1  |    |    |   |    |    |   |   | 3     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Nereididae     | Nereididae (LPIL)                  | 3                            |    |    |    |    |   |    |    |   |   | 3     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Hypereteone heteropoda</i>      | 5                            | 1  |    |    |    |   |    |    |   |   | 6     |
| 009        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae       | Syllidae (LPIL)                    | 1                            |    |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | Mediomastus (LPIL)                 | 29                           | 50 | 30 |    |    |   |    |    |   |   | 109   |
| 009        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | <i>Mediomastus ambiseta</i>        |                              | 1  |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | Maldanidae (LPIL)                  |                              |    | 1  |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>            | 1                            |    |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae | <i>Spiochaetopterus oculatus</i>   |                              | 1  |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Paraprionospio pinnata</i>      | 1                            |    |    |    |    |   |    |    |   |   | 1     |
| 009        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>            | 13                           | 8  | 8  |    |    |   |    |    |   |   | 29    |
| 009        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>       | 38                           | 68 | 82 |    |    |   |    |    |   |   | 188   |
| 009        | Annelida        | Polychaeta   | Terebellida     | Ampharetidae   | <i>Ampharete finmarchica</i>       | 1                            |    |    |    |    |   |    |    |   |   | 1     |

| Station ID | Phylum     | Class        | Order           | Family          | Taxa                               | Station Replicates Count (n) |     |     |   |   |   |   |   |   |   |     | Total |
|------------|------------|--------------|-----------------|-----------------|------------------------------------|------------------------------|-----|-----|---|---|---|---|---|---|---|-----|-------|
|            |            |              |                 |                 |                                    | A                            | B   | C   | D | E | F | G | H | I | J |     |       |
| 009        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>           | 3                            | 4   | 9   |   |   |   |   |   |   |   | 16  |       |
| 009        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>          | 1                            | 4   | 5   |   |   |   |   |   |   |   | 10  |       |
| 009        | Arthropoda | Malacostraca | Cumacea         | Diastylidae     | <i>Oxyurostylis smithi</i>         | 1                            | 1   | 1   |   |   |   |   |   |   |   | 3   |       |
| 009        | Arthropoda | Malacostraca | Cumacea         | Leuconidae      | <i>Leucon americanus</i>           | 1                            | 2   |     |   |   |   |   |   |   |   | 3   |       |
| 009        | Arthropoda | Malacostraca | Isopoda         | Idoteidae       | <i>Edotia triloba</i>              | 2                            |     |     |   |   |   |   |   |   |   | 2   |       |
| 009        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)                | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 009        | Cnidaria   | Anthozoa     | Actiniaria      |                 | Actiniaria (LPIL)                  |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 009        | Mollusca   | Bivalvia     |                 |                 | Bivalvia (LPIL)                    |                              |     | 2   |   |   |   |   |   |   |   | 2   |       |
| 009        | Mollusca   | Bivalvia     | Nuculanida      | Yoldiidae       | <i>Yoldia limatula</i>             | 6                            | 3   | 5   |   |   |   |   |   |   |   | 14  |       |
| 009        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>              | 54                           | 12  | 41  |   |   |   |   |   |   |   | 107 |       |
| 009        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>            | 1                            | 1   |     |   |   |   |   |   |   |   | 2   |       |
| 009        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Mulinia lateralis</i>           | 2                            | 1   |     |   |   |   |   |   |   |   | 3   |       |
| 009        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>          | 1                            | 1   | 1   |   |   |   |   |   |   |   | 3   |       |
| 009        | Mollusca   | Gastropoda   | Cephalaspidea   | Scaphandridae   | <i>Acteocina canaliculata</i>      | 61                           | 15  | 21  |   |   |   |   |   |   |   | 97  |       |
| 009        | Mollusca   | Gastropoda   | Heterostropha   | Acteonidae      | <i>Japonactaeon punctostriatus</i> | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 009        | Mollusca   | Gastropoda   | Heterostropha   | Pyramidellidae  | Odostomia (LPIL)                   |                              |     | 2   |   |   |   |   |   |   |   | 2   |       |
| 009        | Mollusca   | Gastropoda   | Heterostropha   | Pyramidellidae  | Turbonilla (LPIL)                  | 29                           | 8   | 22  |   |   |   |   |   |   |   | 59  |       |
| 009        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>         | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 009        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>           |                              |     | 3   |   |   |   |   |   |   |   | 3   |       |
| 009        | Nemertea   |              |                 |                 | Nemertea (LPIL)                    | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 009        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>             | 14                           | 3   | 11  |   |   |   |   |   |   |   | 28  |       |
| 011        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                    | 68                           | 60  | 15  |   |   |   |   |   |   |   | 143 |       |
| 011        | Annelida   | Polychaeta   | Cossurida       | Cossuridae      | <i>Cossura soyeri</i>              | 6                            | 1   | 2   |   |   |   |   |   |   |   | 9   |       |
| 011        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>             |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | Onuphidae (LPIL)                   | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | Leitoscoloplos (LPIL)              |                              | 2   |     |   |   |   |   |   |   |   | 2   |       |
| 011        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>           |                              | 1   | 1   |   |   |   |   |   |   |   | 2   |       |
| 011        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys incisa</i>              | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>      | 5                            | 8   | 6   |   |   |   |   |   |   |   | 19  |       |
| 011        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>           |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | Phyllodocidae (LPIL)               |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                 | 38                           | 43  | 46  |   |   |   |   |   |   |   | 127 |       |
| 011        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                  |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Sabaco elongatus</i>            |                              |     | 4   |   |   |   |   |   |   |   | 4   |       |
| 011        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>   |                              | 3   | 1   |   |   |   |   |   |   |   | 4   |       |
| 011        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>            |                              | 5   | 6   |   |   |   |   |   |   |   | 11  |       |
| 011        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>       | 60                           | 86  | 85  |   |   |   |   |   |   |   | 231 |       |
| 011        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)                |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                |                              |     | 2   |   |   |   |   |   |   |   | 2   |       |
| 011        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>           | 7                            | 15  | 14  |   |   |   |   |   |   |   | 36  |       |
| 011        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | Terebellidae (LPIL)                |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>           |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Grandidierella bonnieroides</i> |                              | 2   |     |   |   |   |   |   |   |   | 2   |       |
| 011        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>          |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Arthropoda | Malacostraca | Cumacea         | Leuconidae      | <i>Leucon americanus</i>           | 2                            |     |     |   |   |   |   |   |   |   | 2   |       |
| 011        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>       |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                     |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Arthropoda | Malacostraca | Isopoda         | Idoteidae       | <i>Edotia triloba</i>              | 1                            |     | 1   |   |   |   |   |   |   |   | 2   |       |
| 011        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)                |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 011        | Mollusca   | Bivalvia     | Nuculanida      | Yoldiidae       | <i>Yoldia limatula</i>             | 4                            | 1   | 2   |   |   |   |   |   |   |   | 7   |       |
| 011        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>              | 19                           | 4   | 50  |   |   |   |   |   |   |   | 73  |       |
| 011        | Mollusca   | Bivalvia     | Pholadomyoida   | Pandoridae      | <i>Pandora gouldiana</i>           | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 011        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>            | 3                            | 1   | 1   |   |   |   |   |   |   |   | 5   |       |
| 011        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Mulinia lateralis</i>           |                              | 1   | 1   |   |   |   |   |   |   |   | 2   |       |
| 011        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>          |                              | 2   |     |   |   |   |   |   |   |   | 2   |       |
| 011        | Mollusca   | Gastropoda   | Cephalaspidea   | Scaphandridae   | <i>Acteocina canaliculata</i>      | 1                            |     | 2   |   |   |   |   |   |   |   | 3   |       |
| 011        | Mollusca   | Gastropoda   | Heterostropha   | Pyramidellidae  | Turbonilla (LPIL)                  | 1                            |     | 2   |   |   |   |   |   |   |   | 3   |       |
| 011        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>           |                              | 11  | 6   |   |   |   |   |   |   |   | 17  |       |
| 011        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>             | 8                            | 7   | 12  |   |   |   |   |   |   |   | 27  |       |
| 013        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                    | 75                           | 163 | 169 |   |   |   |   |   |   |   | 407 |       |
| 013        | Annelida   | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>             |                              | 3   |     |   |   |   |   |   |   |   | 3   |       |
| 013        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | Leitoscoloplos (LPIL)              | 2                            | 1   | 2   |   |   |   |   |   |   |   | 5   |       |
| 013        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>           |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                  |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | Nephtyidae (LPIL)                  |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys incisa</i>              | 1                            |     |     |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>      |                              | 3   | 3   |   |   |   |   |   |   |   | 6   |       |
| 013        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                 | 13                           | 49  | 16  |   |   |   |   |   |   |   | 78  |       |
| 013        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>   |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>            | 2                            | 3   | 2   |   |   |   |   |   |   |   | 7   |       |
| 013        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>       | 20                           | 111 |     |   |   |   |   |   |   |   | 131 |       |
| 013        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)                |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 013        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                |                              | 2   | 1   |   |   |   |   |   |   |   | 3   |       |
| 013        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>           | 2                            | 5   | 5   |   |   |   |   |   |   |   | 12  |       |
| 013        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>           |                              | 1   |     |   |   |   |   |   |   |   | 1   |       |
| 013        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>          |                              | 1   | 2   |   |   |   |   |   |   |   | 3   |       |
| 013        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>       |                              |     | 1   |   |   |   |   |   |   |   | 1   |       |



| Station ID | Phylum          | Class        | Order          | Family          | Taxa                      | Station Replicates Count (n) |      |      |    |     |   |   |   |   |   | Total |
|------------|-----------------|--------------|----------------|-----------------|---------------------------|------------------------------|------|------|----|-----|---|---|---|---|---|-------|
|            |                 |              |                |                 |                           | A                            | B    | C    | D  | E   | F | G | H | I | J |       |
| 013        | Arthropoda      | Malacostraca | Decapoda       | Paguridae       | Pagurus (LPIL)            | 1                            | 1    | 2    |    |     |   |   |   |   |   | 4     |
| 013        | Arthropoda      | Malacostraca | Mysida         | Mysidae         | Mysidae (LPIL)            | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 013        | Mollusca        | Bivalvia     | Nuculanida     | Yoldiidae       | Yoldia limatula           |                              | 4    | 2    |    |     |   |   |   |   |   | 6     |
| 013        | Mollusca        | Bivalvia     | Nuculida       | Nuculidae       | Nucula proxima            | 503                          | 1096 | 1216 |    |     |   |   |   |   |   | 2815  |
| 013        | Mollusca        | Bivalvia     | Pholadomyoida  | Pandoridae      | Pandora gouldiana         |                              | 1    | 1    |    |     |   |   |   |   |   | 2     |
| 013        | Mollusca        | Bivalvia     | Venerida       | Veneridae       | Mercenaria mercenaria     |                              | 1    |      |    |     |   |   |   |   |   | 1     |
| 013        | Mollusca        | Bivalvia     | Venerida       | Veneridae       | Pitar morrhuanus          | 2                            |      |      |    |     |   |   |   |   |   | 2     |
| 013        | Mollusca        | Bivalvia     | Veneroida      | Mactridae       | Mulinia lateralis         | 2                            | 1    | 1    |    |     |   |   |   |   |   | 4     |
| 013        | Mollusca        | Bivalvia     | Veneroida      | Montacutidae    | Mysella planulata         |                              | 1    |      |    |     |   |   |   |   |   | 1     |
| 013        | Mollusca        | Bivalvia     | Veneroida      | Tellinidae      | Angulus versicolor        | 2                            | 2    | 1    |    |     |   |   |   |   |   | 5     |
| 013        | Mollusca        | Bivalvia     | Veneroida      | Tellinidae      | Eurytellina alternata     |                              |      | 1    |    |     |   |   |   |   |   | 1     |
| 013        | Mollusca        | Gastropoda   | Cephalaspidea  | Scaphandridae   | Acteocina canaliculata    | 2                            | 8    | 6    |    |     |   |   |   |   |   | 16    |
| 013        | Mollusca        | Gastropoda   | Heterostropha  | Pyramidellidae  | Odostomia (LPIL)          | 1                            | 2    |      |    |     |   |   |   |   |   | 3     |
| 013        | Mollusca        | Gastropoda   | Neogastropoda  | Nassariidae     | Tritia trivittata         | 9                            | 6    | 15   |    |     |   |   |   |   |   | 30    |
| 013        | Platyhelminthes |              |                |                 | Platyhelminthes (LPIL)    |                              | 1    |      |    |     |   |   |   |   |   | 1     |
| 015        | Annelida        | Clitellata   | Tubificida     | Naididae        | Naididae (LPIL)           | 76                           |      | 88   |    | 29  |   |   |   |   |   | 193   |
| 015        | Annelida        | Polychaeta   | Cossurida      | Cossuridae      | Cossura soyeri            | 3                            |      | 1    |    |     |   |   |   |   |   | 4     |
| 015        | Annelida        | Polychaeta   | Phyllodocida   | Goniadidae      | Glycinde solitaria        | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Annelida        | Polychaeta   | Phyllodocida   | Nephtyidae      | Nephtys incisa            | 3                            |      | 2    |    | 1   |   |   |   |   |   | 6     |
| 015        | Annelida        | Polychaeta   | Phyllodocida   | Phyllodocidae   | Hypereteone heteropoda    | 1                            |      | 1    |    |     |   |   |   |   |   | 2     |
| 015        | Annelida        | Polychaeta   | Scolecida      | Capitellidae    | Mediomastus (LPIL)        | 35                           |      | 44   |    | 17  |   |   |   |   |   | 96    |
| 015        | Annelida        | Polychaeta   | Scolecida      | Maldanidae      | Maldanidae (LPIL)         | 1                            |      | 1    |    | 2   |   |   |   |   |   | 4     |
| 015        | Annelida        | Polychaeta   | Scolecida      | Maldanidae      | Sabaco elongatus          | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Annelida        | Polychaeta   | Spionida       | Chaetopteridae  | Spiochaetopterus oculatus | 11                           |      | 6    |    | 4   |   |   |   |   |   | 21    |
| 015        | Annelida        | Polychaeta   | Spionida       | Spionidae       | Polydora cornuta          | 2                            |      |      |    | 1   |   |   |   |   |   | 3     |
| 015        | Annelida        | Polychaeta   | Spionida       | Spionidae       | Streblospio benedicti     | 69                           |      | 30   |    | 24  |   |   |   |   |   | 123   |
| 015        | Annelida        | Polychaeta   | Terebellida    | Cirratulidae    | Tharyx acutus             | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Annelida        | Polychaeta   | Terebellida    | Pectinariidae   | Pectinaria gouldi         | 8                            |      | 2    |    |     |   |   |   |   |   | 10    |
| 015        | Arthropoda      | Malacostraca | Amphipoda      | Ampeliscidae    | Ampelisca vadorum         | 1                            |      | 3    |    |     |   |   |   |   |   | 4     |
| 015        | Arthropoda      | Malacostraca | Amphipoda      | Aoridae         | Unciola dissimilis        |                              |      |      |    | 1   |   |   |   |   |   | 1     |
| 015        | Arthropoda      | Malacostraca | Amphipoda      | Ischyroceridae  | Cerapus tubularis         |                              |      |      |    | 1   |   |   |   |   |   | 1     |
| 015        | Arthropoda      | Malacostraca | Cumacea        | Diastylidae     | Oxyurostylis smithi       | 1                            |      | 1    |    | 1   |   |   |   |   |   | 3     |
| 015        | Arthropoda      | Malacostraca | Cumacea        | Leuconidae      | Leucon americanus         | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Arthropoda      | Malacostraca | Isopoda        | Idoteidae       | Edotia triloba            | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Mollusca        | Bivalvia     | Nuculanida     | Yoldiidae       | Yoldia limatula           | 5                            |      | 5    |    | 3   |   |   |   |   |   | 13    |
| 015        | Mollusca        | Bivalvia     | Nuculida       | Nuculidae       | Nucula proxima            | 498                          |      | 495  |    | 237 |   |   |   |   |   | 1230  |
| 015        | Mollusca        | Bivalvia     | Venerida       | Veneridae       | Pitar morrhuanus          |                              |      | 3    |    | 1   |   |   |   |   |   | 4     |
| 015        | Mollusca        | Bivalvia     | Veneroida      | Mactridae       | Mulinia lateralis         | 2                            |      | 5    |    |     |   |   |   |   |   | 7     |
| 015        | Mollusca        | Bivalvia     | Veneroida      | Tellinidae      | Angulus versicolor        | 5                            |      | 3    |    | 3   |   |   |   |   |   | 11    |
| 015        | Mollusca        | Bivalvia     | Veneroida      | Tellinidae      | Eurytellina alternata     |                              |      | 3    |    |     |   |   |   |   |   | 3     |
| 015        | Mollusca        | Gastropoda   |                |                 | Gastropoda (LPIL)         | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Mollusca        | Gastropoda   | Cephalaspidea  | Scaphandridae   | Acteocina canaliculata    | 2                            |      | 1    |    |     |   |   |   |   |   | 3     |
| 015        | Mollusca        | Gastropoda   | Heterostropha  | Pyramidellidae  | Odostomia (LPIL)          | 2                            |      | 3    |    |     |   |   |   |   |   | 5     |
| 015        | Mollusca        | Gastropoda   | Heterostropha  | Pyramidellidae  | Turbonilla (LPIL)         |                              |      | 1    |    | 3   |   |   |   |   |   | 4     |
| 015        | Mollusca        | Gastropoda   | Neogastropoda  | Nassariidae     | Tritia trivittata         | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 015        | Nemertea        | Anopla       | Paleonemertea  | Tubulanidae     | Tubulanus sp. A           |                              |      | 6    |    | 1   |   |   |   |   |   | 7     |
| 017        | Annelida        | Clitellata   | Tubificida     | Naididae        | Naididae (LPIL)           | 84                           |      | 63   | 42 |     |   |   |   |   |   | 189   |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Polynoidae      | Harmothoe extenuata       |                              |      | 1    |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Cossurida      | Cossuridae      | Cossura soyeri            | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Eunicida       | Dorvilleidae    | Schistomeringos pectinata |                              |      |      | 12 |     |   |   |   |   |   | 12    |
| 017        | Annelida        | Polychaeta   | Eunicida       | Onuphidae       | Onuphidae (LPIL)          | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Flabelligerida | Flabelligeridae | Pherusa affinis           |                              |      | 1    |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Orbiniida      | Orbiniidae      | Leitoscoloplos (LPIL)     | 2                            |      | 4    |    |     |   |   |   |   |   | 6     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Glyceridae      | Glycera americana         | 1                            |      | 1    | 3  |     |   |   |   |   |   | 5     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Hesionidae      | Hesionidae (LPIL)         |                              |      |      | 1  |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Hesionidae      | Podarkeopsis levifuscina  | 2                            |      |      | 6  |     |   |   |   |   |   | 8     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Phyllodocidae   | Eumida sanguinea          | 3                            |      | 2    | 3  |     |   |   |   |   |   | 8     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Phyllodocidae   | Hypereteone heteropoda    | 1                            |      |      |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Phyllodocidae   | Phyllodoce arenae         |                              |      |      | 1  |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Polynoidae      | Harmothoe imbricata       | 1                            |      | 1    |    |     |   |   |   |   |   | 2     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Polynoidae      | Polynoidae (LPIL)         |                              |      | 2    |    |     |   |   |   |   |   | 2     |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Syllidae        | Exogone dispar            | 7                            |      | 4    |    |     |   |   |   |   |   | 11    |
| 017        | Annelida        | Polychaeta   | Phyllodocida   | Syllidae        | Syllidae (LPIL)           |                              |      | 2    |    |     |   |   |   |   |   | 2     |
| 017        | Annelida        | Polychaeta   | Sabellida      | Sabellidae      | Parasabella microphthalma |                              |      | 1    |    |     |   |   |   |   |   | 1     |
| 017        | Annelida        | Polychaeta   | Scolecida      | Capitellidae    | Heteromastus filiformis   | 5                            |      |      |    |     |   |   |   |   |   | 5     |
| 017        | Annelida        | Polychaeta   | Scolecida      | Capitellidae    | Mediomastus (LPIL)        | 22                           |      | 20   | 12 |     |   |   |   |   |   | 54    |
| 017        | Annelida        | Polychaeta   | Scolecida      | Maldanidae      | Clymenella torquata       |                              |      |      | 3  |     |   |   |   |   |   | 3     |
| 017        | Annelida        | Polychaeta   | Scolecida      | Maldanidae      | Maldanidae (LPIL)         | 6                            |      | 3    | 32 |     |   |   |   |   |   | 41    |
| 017        | Annelida        | Polychaeta   | Scolecida      | Paraonidae      | Aricidea (LPIL)           |                              |      | 2    | 3  |     |   |   |   |   |   | 5     |
| 017        | Annelida        | Polychaeta   | Scolecida      | Paraonidae      | Aricidea catherinae       | 3                            |      |      |    |     |   |   |   |   |   | 3     |
| 017        | Annelida        | Polychaeta   | Spionida       | Chaetopteridae  | Spiochaetopterus oculatus | 2                            |      | 2    | 2  |     |   |   |   |   |   | 6     |
| 017        | Annelida        | Polychaeta   | Spionida       | Spionidae       | Polydora cornuta          | 1                            |      | 1    | 16 |     |   |   |   |   |   | 18    |
| 017        | Annelida        | Polychaeta   | Spionida       | Spionidae       | Spiophanes bombyx         |                              |      |      | 4  |     |   |   |   |   |   | 4     |
| 017        | Annelida        | Polychaeta   | Spionida       | Spionidae       | Streblospio benedicti     | 79                           |      | 38   | 58 |     |   |   |   |   |   | 175   |
| 017        | Annelida        | Polychaeta   | Terebellida    | Ampharetidae    | Ampharete finmarchica     |                              |      |      | 6  |     |   |   |   |   |   | 6     |
| 017        | Annelida        | Polychaeta   | Terebellida    | Ampharetidae    | Ampharetidae (LPIL)       |                              |      | 5    | 1  |     |   |   |   |   |   | 6     |
| 017        | Annelida        | Polychaeta   | Terebellida    | Cirratulidae    | Cirratulidae (LPIL)       |                              |      | 1    |    |     |   |   |   |   |   | 1     |



| Station ID | Phylum     | Class        | Order           | Family          | Taxa                             | Station Replicates Count (n) |     |    |    |   |   |   |   |   |   | Total |
|------------|------------|--------------|-----------------|-----------------|----------------------------------|------------------------------|-----|----|----|---|---|---|---|---|---|-------|
|            |            |              |                 |                 |                                  | A                            | B   | C  | D  | E | F | G | H | I | J |       |
| 017        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 1                            |     |    | 3  |   |   |   |   |   |   | 4     |
| 017        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>         |                              |     | 6  | 6  |   |   |   |   |   |   | 12    |
| 017        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       |                              |     | 2  | 1  |   |   |   |   |   |   | 3     |
| 017        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        | 1                            |     | 1  |    |   |   |   |   |   |   | 2     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>         | 4                            |     |    | 4  |   |   |   |   |   |   | 8     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        | 4                            |     | 5  | 13 |   |   |   |   |   |   | 22    |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               | 1                            |     | 3  |    |   |   |   |   |   |   | 4     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             |                              |     | 3  |    |   |   |   |   |   |   | 3     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Cerapus tubularis</i>         |                              |     |    | 3  |   |   |   |   |   |   | 3     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Ericthonius brasiliensis</i>  |                              |     |    | 2  |   |   |   |   |   |   | 2     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Liljeborgiidae  | <i>Idunella barnardi</i>         |                              |     |    | 1  |   |   |   |   |   |   | 1     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          |                              |     | 3  |    |   |   |   |   |   |   | 3     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           | 1                            |     | 1  |    |   |   |   |   |   |   | 2     |
| 017        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        |                              |     | 2  |    |   |   |   |   |   |   | 2     |
| 017        | Arthropoda | Malacostraca | Cumacea         | Diastylidae     | <i>Oxyurostylis smithi</i>       |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Arthropoda | Malacostraca | Cumacea         | Leuconidae      | <i>Leucon americanus</i>         | 1                            |     |    |    |   |   |   |   |   |   | 1     |
| 017        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>     | 2                            |     |    |    |   |   |   |   |   |   | 2     |
| 017        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                   | 1                            |     | 1  | 1  |   |   |   |   |   |   | 3     |
| 017        | Arthropoda | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          |                              |     |    | 1  |   |   |   |   |   |   | 1     |
| 017        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         |                              |     | 2  | 2  |   |   |   |   |   |   | 4     |
| 017        | Arthropoda | Malacostraca | Isopoda         | Idoteidae       | <i>Edotia triloba</i>            | 4                            |     |    | 5  |   |   |   |   |   |   | 9     |
| 017        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)              | 1                            |     | 1  | 1  |   |   |   |   |   |   | 3     |
| 017        | Cnidaria   | Anthozoa     | Actiniaria      |                 | Actiniaria (LPIL)                | 9                            |     | 62 | 2  |   |   |   |   |   |   | 73    |
| 017        | Mollusca   | Bivalvia     |                 |                 | Bivalvia (LPIL)                  |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                 |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>            | 6                            |     | 11 | 4  |   |   |   |   |   |   | 21    |
| 017        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>           | 2                            |     |    | 2  |   |   |   |   |   |   | 4     |
| 017        | Mollusca   | Bivalvia     | Solemyoida      | Solemyidae      | <i>Solemya velum</i>             |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Mulinia lateralis</i>         | 1                            |     | 1  |    |   |   |   |   |   |   | 2     |
| 017        | Mollusca   | Bivalvia     | Veneroida       | Montacutidae    | <i>Mysella planulata</i>         |                              |     |    | 4  |   |   |   |   |   |   | 4     |
| 017        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>            | 3                            |     | 2  | 6  |   |   |   |   |   |   | 11    |
| 017        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>        | 6                            |     | 3  | 3  |   |   |   |   |   |   | 12    |
| 017        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Eurytellina alternata</i>     | 1                            |     | 5  |    |   |   |   |   |   |   | 6     |
| 017        | Mollusca   | Gastropoda   | Cephalaspidea   | Scaphandridae   | <i>Acteocina canaliculata</i>    |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>       |                              |     | 28 | 2  |   |   |   |   |   |   | 30    |
| 017        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>           | 1                            |     | 14 | 2  |   |   |   |   |   |   | 17    |
| 017        | Mollusca   | Gastropoda   | Neogastropoda   | Muricidae       | <i>Eupleura caudata</i>          |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 017        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>         | 2                            |     |    | 2  |   |   |   |   |   |   | 4     |
| 017        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           | 10                           |     | 6  | 5  |   |   |   |   |   |   | 21    |
| 019        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  | 113                          | 100 | 39 |    |   |   |   |   |   |   | 252   |
| 019        | Annelida   | Polychaeta   | Archiannelida   | Polygordiidae   | Polygordius (LPIL)               | 1                            | 1   |    |    |   |   |   |   |   |   | 2     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         | 2                            | 3   | 3  |    |   |   |   |   |   |   | 8     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>  | 1                            | 5   |    |    |   |   |   |   |   |   | 6     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          | 1                            |     | 1  |    |   |   |   |   |   |   | 2     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>         | 1                            |     |    |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                |                              | 1   |    |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 | 3                            |     |    |    |   |   |   |   |   |   | 3     |
| 019        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>            | 2                            |     | 2  |    |   |   |   |   |   |   | 4     |
| 019        | Annelida   | Polychaeta   | Sabellida       | Sabellidae      | <i>Parasabella microphthalma</i> |                              |     | 1  |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>   | 5                            | 5   |    |    |   |   |   |   |   |   | 10    |
| 019        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               | 92                           | 53  | 29 |    |   |   |   |   |   |   | 174   |
| 019        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Axiothella mucosa</i>         |                              | 1   |    |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Clymenella torquata</i>       | 3                            | 3   | 16 |    |   |   |   |   |   |   | 22    |
| 019        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                | 62                           | 64  | 51 |    |   |   |   |   |   |   | 177   |
| 019        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                  | 62                           |     |    |    |   |   |   |   |   |   | 62    |
| 019        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>       | 39                           | 84  | 64 |    |   |   |   |   |   |   | 187   |
| 019        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i> | 1                            |     |    |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>          | 4                            | 4   | 2  |    |   |   |   |   |   |   | 10    |
| 019        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>         | 5                            | 8   | 6  |    |   |   |   |   |   |   | 19    |
| 019        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     | 47                           | 34  | 8  |    |   |   |   |   |   |   | 89    |
| 019        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>     | 3                            |     | 1  |    |   |   |   |   |   |   | 4     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)              | 1                            |     | 1  |    |   |   |   |   |   |   | 2     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>       | 1                            |     | 3  |    |   |   |   |   |   |   | 4     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)              |                              | 1   |    |    |   |   |   |   |   |   | 1     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 10                           |     | 3  |    |   |   |   |   |   |   | 13    |
| 019        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>         |                              | 2   | 1  |    |   |   |   |   |   |   | 3     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       | 2                            |     | 5  |    |   |   |   |   |   |   | 7     |
| 019        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        |                              | 1   | 1  |    |   |   |   |   |   |   | 2     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>         | 12                           | 1   | 1  |    |   |   |   |   |   |   | 14    |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Ampithoidae     | <i>Cymadusa compta</i>           | 1                            |     |    |    |   |   |   |   |   |   | 1     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        | 13                           | 10  | 16 |    |   |   |   |   |   |   | 39    |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               | 12                           | 2   |    |    |   |   |   |   |   |   | 14    |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             |                              | 1   | 1  |    |   |   |   |   |   |   | 2     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Cerapus tubularis</i>         | 1                            |     |    |    |   |   |   |   |   |   | 1     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Ericthonius brasiliensis</i>  | 4                            |     |    |    |   |   |   |   |   |   | 4     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          | 4                            |     | 1  |    |   |   |   |   |   |   | 5     |

| Station ID | Phylum     | Class        | Order           | Family          | Taxa                              | Station Replicates Count (n) |   |     |    |   |   |   |   |     |   | Total |
|------------|------------|--------------|-----------------|-----------------|-----------------------------------|------------------------------|---|-----|----|---|---|---|---|-----|---|-------|
|            |            |              |                 |                 |                                   | A                            | B | C   | D  | E | F | G | H | I   | J |       |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>            | 1                            |   | 3   |    |   |   |   |   |     |   | 4     |
| 019        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>         | 1                            |   |     |    |   |   |   |   |     |   | 1     |
| 019        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>      |                              | 2 |     |    |   |   |   |   |     |   | 2     |
| 019        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus</i> (LPIL)             | 1                            |   | 4   |    |   |   |   |   |     |   | 5     |
| 019        | Arthropoda | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>           | 1                            |   |     |    |   |   |   |   |     |   | 1     |
| 019        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>          | 2                            |   |     |    |   |   |   |   |     |   | 2     |
| 019        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>            | 1                            | 1 | 1   |    |   |   |   |   |     |   | 3     |
| 019        | Arthropoda | Malacostraca | Isopoda         | Idoteidae       | <i>Edotia triloba</i>             | 4                            |   |     |    |   |   |   |   |     |   | 4     |
| 019        | Arthropoda | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>        | 2                            | 1 |     |    |   |   |   |   |     |   | 3     |
| 019        | Cnidaria   | Anthozoa     | Actiniaria      |                 | Actiniaria (LPIL)                 | 10                           | 4 | 9   |    |   |   |   |   |     |   | 23    |
| 019        | Mollusca   | Bivalvia     |                 |                 | Bivalvia (LPIL)                   | 1                            | 2 |     |    |   |   |   |   |     |   | 3     |
| 019        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>             | 5                            |   | 9   |    |   |   |   |   |     |   | 14    |
| 019        | Mollusca   | Bivalvia     | Pholadomyoidea  | Lyonsiidae      | <i>Lyonsia hyalina</i>            | 1                            | 1 | 3   |    |   |   |   |   |     |   | 5     |
| 019        | Mollusca   | Bivalvia     | Veneroidea      | Solenidae       | <i>Ensis directus</i>             | 4                            | 1 | 2   |    |   |   |   |   |     |   | 7     |
| 019        | Mollusca   | Bivalvia     | Veneroidea      | Tellinidae      | <i>Angulus versicolor</i>         | 2                            | 2 | 7   |    |   |   |   |   |     |   | 11    |
| 019        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptidae      | <i>Crepidula fornicata</i>        | 2                            |   |     |    |   |   |   |   |     |   | 2     |
| 019        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptidae      | <i>Crepidula plana</i>            | 5                            | 1 | 3   |    |   |   |   |   |     |   | 9     |
| 019        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>          | 2                            |   | 3   |    |   |   |   |   |     |   | 5     |
| 019        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>            | 1                            | 3 | 3   |    |   |   |   |   |     |   | 7     |
| 021        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                   |                              |   | 127 | 94 |   |   |   |   | 42  |   | 263   |
| 021        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i>  |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Eunicida        | Oenonidae       | <i>Arabella iricolor</i>          |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>            |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scaloplos rubra</i>            |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>          |                              |   |     |    |   |   |   |   | 4   |   | 4     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>            |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>   |                              |   | 2   | 2  |   |   |   |   |     |   | 4     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                 |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>           |                              |   | 4   |    |   |   |   |   | 4   |   | 8     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>     |                              |   | 2   | 1  |   |   |   |   |     |   | 3     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>        |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                 |                              |   | 4   |    |   |   |   |   | 1   |   | 5     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)               |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                  |                              |   | 2   |    |   |   |   |   | 1   |   | 3     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>             |                              |   | 5   | 2  |   |   |   |   | 6   |   | 13    |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>       |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>        |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Sphaerosyllis piriferopsis</i> |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>    |                              |   | 3   | 3  |   |   |   |   |     |   | 6     |
| 021        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                |                              |   | 120 | 42 |   |   |   |   | 33  |   | 195   |
| 021        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Clymenella torquata</i>        |                              |   |     | 2  |   |   |   |   |     |   | 2     |
| 021        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                 |                              |   | 55  | 97 |   |   |   |   | 26  |   | 178   |
| 021        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                   |                              |   |     | 3  |   |   |   |   |     |   | 3     |
| 021        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>        |                              |   | 13  | 7  |   |   |   |   | 17  |   | 37    |
| 021        | Annelida   | Polychaeta   | Spionida        | Magelonidae     | <i>Magelona sp. L</i>             |                              |   |     |    |   |   |   |   | 1   |   | 1     |
| 021        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>           |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spio setosa</i>                |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Spionidae (LPIL)                  |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>          |                              |   | 1   | 4  |   |   |   |   | 3   |   | 8     |
| 021        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>      |                              |   | 33  | 22 |   |   |   |   | 12  |   | 67    |
| 021        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>      |                              |   | 1   |    |   |   |   |   | 1   |   | 2     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)               |                              |   |     |    |   |   |   |   | 3   |   | 3     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>        |                              |   | 2   | 1  |   |   |   |   | 1   |   | 4     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)               |                              |   |     |    |   |   |   |   | 1   |   | 1     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>              |                              |   | 140 | 91 |   |   |   |   | 116 |   | 347   |
| 021        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>          |                              |   |     |    |   |   |   |   | 2   |   | 2     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>        |                              |   | 5   |    |   |   |   |   | 1   |   | 6     |
| 021        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>         |                              |   | 7   |    |   |   |   |   | 4   |   | 11    |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Aeginellidae    | <i>Deutella incerta</i>           |                              |   | 5   |    |   |   |   |   | 2   |   | 7     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>          |                              |   | 3   | 3  |   |   |   |   | 1   |   | 7     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>         |                              |   | 3   | 13 |   |   |   |   | 3   |   | 19    |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)                |                              |   | 28  | 2  |   |   |   |   | 20  |   | 50    |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Apocorophium (LPIL)               |                              |   |     |    |   |   |   |   | 1   |   | 1     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)              |                              |   | 2   |    |   |   |   |   |     |   | 2     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i>  |                              |   | 2   |    |   |   |   |   | 2   |   | 4     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Liljeborgiidae  | <i>Idunella barnardi</i>          |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>           |                              |   | 19  | 34 |   |   |   |   |     |   | 53    |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>            |                              |   | 7   |    |   |   |   |   |     |   | 7     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>         |                              |   | 3   | 4  |   |   |   |   |     |   | 7     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Parametopella cypris</i>       |                              |   |     |    |   |   |   |   | 1   |   | 1     |
| 021        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>           |                              |   |     | 1  |   |   |   |   |     |   | 1     |
| 021        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>      |                              |   |     |    |   |   |   |   | 1   |   | 1     |
| 021        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus</i> (LPIL)             |                              |   | 1   |    |   |   |   |   |     |   | 1     |
| 021        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>          |                              |   | 6   | 3  |   |   |   |   | 1   |   | 10    |
| 021        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>            |                              |   | 5   | 6  |   |   |   |   | 2   |   | 13    |
| 021        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)               |                              |   | 1   |    |   |   |   |   |     |   | 1     |



| Station ID | Phylum     | Class        | Order           | Family          | Taxa                             | Station Replicates Count (n) |   |    |   |    |     |   |   |    |   | Total |
|------------|------------|--------------|-----------------|-----------------|----------------------------------|------------------------------|---|----|---|----|-----|---|---|----|---|-------|
|            |            |              |                 |                 |                                  | A                            | B | C  | D | E  | F   | G | H | I  | J |       |
| 021        | Cnidaria   | Anthozoa     | Actiniaria      |                 | Actiniaria (LPIL)                |                              |   | 10 | 1 |    |     |   |   | 6  |   | 17    |
| 021        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>            |                              |   |    |   |    |     |   |   | 4  |   | 4     |
| 021        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>           |                              |   | 1  | 1 |    |     |   |   |    |   | 2     |
| 021        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>          |                              |   | 1  | 2 |    |     |   |   |    |   | 3     |
| 021        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>        |                              |   | 2  | 2 |    |     |   |   | 2  |   | 6     |
| 021        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>       |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 021        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>           |                              |   |    |   |    |     |   |   | 1  |   | 1     |
| 021        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>         |                              |   |    | 1 |    |     |   |   |    |   | 1     |
| 021        | Nemertea   |              |                 |                 | Nemertea (LPIL)                  |                              |   |    |   |    |     |   |   | 1  |   | 1     |
| 021        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           |                              |   |    | 4 |    |     |   |   | 1  |   | 5     |
| 023        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  | 114                          |   | 10 |   |    |     |   |   | 58 |   | 182   |
| 023        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)               | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i> | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>           |                              |   |    |   |    |     |   |   | 1  |   | 1     |
| 023        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | Leitoscoloplos (LPIL)            | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         |                              |   | 1  |   |    |     |   |   | 1  |   | 2     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                | 2                            |   |    |   |    |     |   |   |    |   | 2     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          |                              |   | 3  |   |    |     |   |   |    |   | 3     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    | 1                            |   | 1  |   |    |     |   |   | 4  |   | 6     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 | 3                            |   | 2  |   |    |     |   |   |    |   | 5     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Exogone dispar                   | 6                            |   | 3  |   |    |     |   |   |    |   | 9     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>      | 2                            |   |    |   |    |     |   |   |    |   | 2     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>       |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                  | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Heteromastus filiformis          | 1                            |   | 2  |   |    |     |   |   |    |   | 3     |
| 023        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               | 49                           |   | 18 |   |    |     |   |   | 37 |   | 104   |
| 023        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                | 30                           |   | 6  |   |    |     |   |   | 22 |   | 58    |
| 023        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                  | 22                           |   |    |   |    |     |   |   |    |   | 22    |
| 023        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>       | 4                            |   | 8  |   |    |     |   |   | 39 |   | 51    |
| 023        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>          | 1                            |   | 4  |   |    |     |   |   |    |   | 5     |
| 023        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spio setosa</i>               | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>         | 3                            |   | 2  |   |    |     |   |   | 2  |   | 7     |
| 023        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     | 75                           |   | 16 |   |    |     |   |   | 12 |   | 103   |
| 023        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)              | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>       | 3                            |   |    |   |    |     |   |   | 5  |   | 8     |
| 023        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 25                           |   | 3  |   |    |     |   |   | 33 |   | 61    |
| 023        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>         | 2                            |   | 1  |   |    |     |   |   |    |   | 3     |
| 023        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       | 5                            |   | 43 |   |    |     |   |   | 4  |   | 52    |
| 023        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        | 3                            |   |    |   |    |     |   |   | 1  |   | 4     |
| 023        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>         | 2                            |   |    |   |    |     |   |   | 1  |   | 3     |
| 023        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        | 6                            |   | 4  |   |    |     |   |   | 1  |   | 11    |
| 023        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             | 3                            |   | 1  |   |    |     |   |   | 1  |   | 5     |
| 023        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 023        | Arthropoda | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>     | 2                            |   | 1  |   |    |     |   |   |    |   | 3     |
| 023        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                   | 2                            |   | 1  |   |    |     |   |   | 1  |   | 4     |
| 023        | Arthropoda | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          |                              |   | 1  |   |    |     |   |   | 1  |   | 2     |
| 023        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         |                              |   | 2  |   |    |     |   |   |    |   | 2     |
| 023        | Arthropoda | Malacostraca | Isopoda         | Idoteidae       | <i>Edotia triloba</i>            | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Cnidaria   | Anthozoa     | Actiniaria      |                 | Actiniaria (LPIL)                | 8                            |   | 2  |   |    |     |   |   |    |   | 10    |
| 023        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                 | 1                            |   |    |   |    |     |   |   |    |   | 1     |
| 023        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>            | 1                            |   | 3  |   |    |     |   |   | 7  |   | 11    |
| 023        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>           | 2                            |   |    |   |    |     |   |   |    |   | 2     |
| 023        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>            | 2                            |   |    |   |    |     |   |   |    |   | 2     |
| 023        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>        | 6                            |   |    |   |    |     |   |   | 4  |   | 10    |
| 023        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula</i> (LPIL)          |                              |   |    |   |    |     |   |   | 1  |   | 1     |
| 023        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>       | 3                            |   |    |   |    |     |   |   |    |   | 3     |
| 023        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>           |                              |   | 2  |   |    |     |   |   |    |   | 2     |
| 023        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>         | 2                            |   |    |   |    |     |   |   |    |   | 2     |
| 023        | Nemertea   |              |                 |                 | Nemertea (LPIL)                  |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 023        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           | 5                            |   | 1  |   |    |     |   |   |    |   | 6     |
| 025        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  |                              |   | 88 |   | 63 | 130 |   |   |    |   | 281   |
| 025        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)               |                              |   | 4  |   | 2  |     |   |   |    |   | 6     |
| 025        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | Dorvilleidae (LPIL)              |                              |   |    |   |    | 1   |   |   |    |   | 1     |
| 025        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Pettiboneia duofurca</i>      |                              |   | 1  |   | 1  |     |   |   |    |   | 2     |
| 025        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i> |                              |   |    |   |    | 2   |   |   |    |   | 2     |
| 025        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>           |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 025        | Annelida   | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>           |                              |   |    |   | 1  |     |   |   |    |   | 1     |
| 025        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>           |                              |   | 1  |   |    |     |   |   |    |   | 1     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         |                              |   |    |   | 1  | 3   |   |   |    |   | 4     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | Microphthalmus (LPIL)            |                              |   | 1  |   | 2  |     |   |   |    |   | 3     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>  |                              |   |    |   |    | 3   |   |   |    |   | 3     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          |                              |   | 2  |   |    | 1   |   |   |    |   | 3     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    |                              |   |    |   | 1  |     |   |   |    |   | 1     |
| 025        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>       |                              |   | 2  |   |    | 1   |   |   |    |   | 3     |

| Station ID | Phylum        | Class        | Order           | Family          | Taxa                                | Station Replicates Count (n) |   |    |     |    |    |   |   |   |   | Total |
|------------|---------------|--------------|-----------------|-----------------|-------------------------------------|------------------------------|---|----|-----|----|----|---|---|---|---|-------|
|            |               |              |                 |                 |                                     | A                            | B | C  | D   | E  | F  | G | H | I | J |       |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Lepidonotus sublevis</i>         |                              |   |    |     |    | 1  |   |   |   |   | 1     |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Autolytus</i> (LPIL)             |                              |   |    |     |    | 1  |   |   |   |   | 1     |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>               |                              |   | 2  |     |    | 1  |   |   |   |   | 3     |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>         |                              |   | 1  |     |    |    |   |   |   |   | 1     |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Streptosyllis arenae</i>         |                              |   |    |     |    | 1  |   |   |   |   | 1     |
| 025        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Syllidae</i> (LPIL)              |                              |   |    |     |    | 2  |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>      |                              |   | 2  |     |    | 1  |   |   |   |   | 3     |
| 025        | Annelida      | Polychaeta   | Scolecida       | Capitellidae    | <i>Mediomastus</i> (LPIL)           |                              |   | 5  |     | 2  | 32 |   |   |   |   | 39    |
| 025        | Annelida      | Polychaeta   | Scolecida       | Maldanidae      | <i>Maldanidae</i> (LPIL)            |                              |   | 4  |     | 2  | 17 |   |   |   |   | 23    |
| 025        | Annelida      | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea</i> (LPIL)              |                              |   | 8  |     | 3  | 14 |   |   |   |   | 25    |
| 025        | Annelida      | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>          |                              |   |    |     |    | 2  |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Spionida        | Acrocirridae    | <i>Macrochaeta clavicornis</i>      |                              |   |    |     |    | 6  |   |   |   |   | 6     |
| 025        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>             |                              |   | 1  |     | 1  |    |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>        |                              |   | 66 |     | 40 | 90 |   |   |   |   | 196   |
| 025        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>        |                              |   |    |     |    | 2  |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharetidae</i> (LPIL)          |                              |   |    |     |    | 4  |   |   |   |   | 4     |
| 025        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>          |                              |   | 1  |     |    | 1  |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | <i>Cirratulidae</i> (LPIL)          |                              |   | 4  |     |    | 4  |   |   |   |   | 8     |
| 025        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                |                              |   | 3  |     | 6  | 11 |   |   |   |   | 20    |
| 025        | Annelida      | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>            |                              |   |    |     |    | 2  |   |   |   |   | 2     |
| 025        | Annelida      | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>          |                              |   | 7  |     | 9  | 26 |   |   |   |   | 42    |
| 025        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>           |                              |   | 1  |     | 1  | 2  |   |   |   |   | 4     |
| 025        | Arthropoda    | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>            |                              |   |    |     |    | 2  |   |   |   |   | 2     |
| 025        | Arthropoda    | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>           |                              |   | 8  |     | 7  | 8  |   |   |   |   | 23    |
| 025        | Arthropoda    | Malacostraca | Amphipoda       | Corophiidae     | <i>Monocorophium</i> (LPIL)         |                              |   | 3  |     |    | 2  |   |   |   |   | 5     |
| 025        | Arthropoda    | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i>    |                              |   | 2  |     |    |    |   |   |   |   | 2     |
| 025        | Arthropoda    | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>           |                              |   | 1  |     |    |    |   |   |   |   | 1     |
| 025        | Arthropoda    | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>        |                              |   |    |     | 1  |    |   |   |   |   | 1     |
| 025        | Arthropoda    | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>            |                              |   |    |     | 1  |    |   |   |   |   | 1     |
| 025        | Cnidaria      | Anthozoa     | Actiniaria      |                 | <i>Actiniaria</i> (LPIL)            |                              |   | 1  |     |    | 1  |   |   |   |   | 2     |
| 025        | Echinodermata | Ophiuroidea  | Ophiurida       | Amphiuridae     | <i>Amphiuridae</i> (LPIL)           |                              |   | 1  |     |    |    |   |   |   |   | 1     |
| 025        | Mollusca      | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>               |                              |   |    |     | 2  | 1  |   |   |   |   | 3     |
| 025        | Mollusca      | Bivalvia     | Pholadomyoidea  | Lyonsiidae      | <i>Lyonsia hyalina</i>              |                              |   |    |     | 1  | 1  |   |   |   |   | 2     |
| 025        | Mollusca      | Bivalvia     | Veneroidea      | Solenidae       | <i>Ensis directus</i>               |                              |   |    |     | 2  |    |   |   |   |   | 2     |
| 025        | Mollusca      | Bivalvia     | Veneroidea      | Tellinidae      | <i>Angulus versicolor</i>           |                              |   | 5  |     | 2  | 4  |   |   |   |   | 11    |
| 025        | Mollusca      | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>          |                              |   | 1  |     |    | 3  |   |   |   |   | 4     |
| 025        | Mollusca      | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula plana</i>              |                              |   | 3  |     |    | 1  |   |   |   |   | 4     |
| 025        | Mollusca      | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>            |                              |   | 1  |     |    |    |   |   |   |   | 1     |
| 025        | Nemertea      |              |                 |                 | <i>Nemertea</i> (LPIL)              |                              |   | 1  |     |    |    |   |   |   |   | 1     |
| 025        | Nemertea      | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>              |                              |   |    |     | 2  | 2  |   |   |   |   | 4     |
| 027        | Annelida      | Clitellata   | Tubificida      | Naididae        | <i>Naididae</i> (LPIL)              | 52                           |   |    | 9   |    |    |   |   |   |   | 61    |
| 027        | Annelida      | Polychaeta   | Archannelida    | Polygordiidae   | <i>Polygordius</i> (LPIL)           | 11                           |   |    |     |    |    |   |   |   |   | 11    |
| 027        | Annelida      | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Dorvilleidae</i> (LPIL)          |                              |   |    | 3   |    |    |   |   |   |   | 3     |
| 027        | Annelida      | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Pettiboneia duofurca</i>         | 4                            |   |    |     |    |    |   |   |   |   | 4     |
| 027        | Annelida      | Polychaeta   | Eunicida        | Oeonidae        | <i>Drilonereis longa</i>            |                              |   |    | 1   |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>              | 1                            |   |    |     |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Microphthalmus aberrans</i>      | 3                            |   |    |     |    |    |   |   |   |   | 3     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>            | 2                            |   |    |     |    |    |   |   |   |   | 2     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glyceridae</i> (LPIL)            | 1                            |   |    |     |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>             | 3                            |   |    | 1   |    |    |   |   |   |   | 4     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>          | 5                            |   |    |     |    |    |   |   |   |   | 5     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Autolytus</i> (LPIL)             | 3                            |   |    |     |    |    |   |   |   |   | 3     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>               | 2                            |   |    |     |    |    |   |   |   |   | 2     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>         |                              |   |    | 1   |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>          |                              |   |    | 1   |    |    |   |   |   |   | 3     |
| 027        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis longicirrata</i> | 2                            |   |    |     |    |    |   |   |   |   | 2     |
| 027        | Annelida      | Polychaeta   | Scolecida       | Capitellidae    | <i>Mediomastus</i> (LPIL)           | 74                           |   |    | 13  |    |    |   |   |   |   | 87    |
| 027        | Annelida      | Polychaeta   | Scolecida       | Maldanidae      | <i>Maldanidae</i> (LPIL)            | 3                            |   |    | 3   |    |    |   |   |   |   | 6     |
| 027        | Annelida      | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea</i> (LPIL)              | 24                           |   |    | 4   |    |    |   |   |   |   | 28    |
| 027        | Annelida      | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>    | 1                            |   |    |     |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>             | 1                            |   |    | 1   |    |    |   |   |   |   | 2     |
| 027        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>        | 19                           |   |    | 8   |    |    |   |   |   |   | 27    |
| 027        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>        | 1                            |   |    |     |    |    |   |   |   |   | 1     |
| 027        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                | 188                          |   |    | 174 |    |    |   |   |   |   | 362   |
| 027        | Annelida      | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>          | 823                          |   |    | 188 |    |    |   |   |   |   | 1011  |
| 027        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>           | 16                           |   |    | 1   |    |    |   |   |   |   | 17    |
| 027        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | <i>Terebellidae</i> (LPIL)          |                              |   |    | 2   |    |    |   |   |   |   | 2     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>            |                              |   |    | 1   |    |    |   |   |   |   | 1     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>           | 5                            |   |    | 3   |    |    |   |   |   |   | 8     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Caprellidae     | <i>Caprellidae</i> (LPIL)           | 1                            |   |    | 2   |    |    |   |   |   |   | 3     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Corophiidae     | <i>Monocorophium</i> (LPIL)         | 3                            |   |    |     |    |    |   |   |   |   | 3     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>             | 2                            |   |    |     |    |    |   |   |   |   | 2     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>              | 1                            |   |    |     |    |    |   |   |   |   | 1     |
| 027        | Arthropoda    | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>           | 2                            |   |    |     |    |    |   |   |   |   | 2     |
| 027        | Arthropoda    | Malacostraca | Decapoda        | Crangonidae     | <i>Crangon septemspinosa</i>        | 1                            |   |    | 2   |    |    |   |   |   |   | 3     |
| 027        | Arthropoda    | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus</i> (LPIL)               | 3                            |   |    | 2   |    |    |   |   |   |   | 5     |
| 027        | Arthropoda    | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>              | 2                            |   |    | 3   |    |    |   |   |   |   | 5     |



| Station ID | Phylum     | Class        | Order           | Family         | Taxa                                | Station Replicates Count (n) |    |     |     |   |     |   |   |   |   | Total |
|------------|------------|--------------|-----------------|----------------|-------------------------------------|------------------------------|----|-----|-----|---|-----|---|---|---|---|-------|
|            |            |              |                 |                |                                     | A                            | B  | C   | D   | E | F   | G | H | I | J |       |
| 027        | Arthropoda | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>               |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 027        | Mollusca   | Bivalvia     |                 |                | Bivalvia (LPIL)                     | 3                            |    |     |     |   |     |   |   |   |   | 3     |
| 027        | Mollusca   | Bivalvia     | Arcoida         | Arcidae        | <i>Anadara transversa</i>           | 1                            |    |     |     |   |     |   |   |   |   | 1     |
| 027        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae      | Mytilidae (LPIL)                    | 1                            |    |     | 1   |   |     |   |   |   |   | 2     |
| 027        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>               | 2                            |    |     | 1   |   |     |   |   |   |   | 3     |
| 027        | Mollusca   | Bivalvia     | Ostreoida       | Anomiidae      | <i>Anomia simplex</i>               | 1                            |    |     |     |   |     |   |   |   |   | 1     |
| 027        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae     | <i>Lyonsia hyalina</i>              | 3                            |    |     | 2   |   |     |   |   |   |   | 5     |
| 027        | Mollusca   | Bivalvia     | Veneroida       | Solenidae      | <i>Ensis directus</i>               |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 027        | Mollusca   | Gastropoda   |                 |                | Gastropoda (LPIL)                   | 1                            |    |     |     |   |     |   |   |   |   | 1     |
| 027        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae  | <i>Crepidula fornicata</i>          | 10                           |    |     | 7   |   |     |   |   |   |   | 17    |
| 027        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae  | <i>Crepidula plana</i>              | 9                            |    |     |     |   |     |   |   |   |   | 9     |
| 027        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>            | 1                            |    |     |     |   |     |   |   |   |   | 1     |
| 027        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae    | Tubulanus sp. A                     | 3                            |    |     |     |   |     |   |   |   |   | 3     |
| 029        | Annelida   | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                     |                              |    | 110 | 216 |   | 152 |   |   |   |   | 478   |
| 029        | Annelida   | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>               |                              |    | 2   |     |   |     |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae     | Leitoscoloplos (LPIL)               |                              |    |     | 2   |   | 1   |   |   |   |   | 3     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Microphthalmus aberrans</i>      |                              |    |     |     |   | 3   |   |   |   |   | 3     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glycera americana</i>            |                              |    | 1   |     |   | 3   |   |   |   |   | 4     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Podarkeopsis levifusca</i>       |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae     | Nereididae (LPIL)                   |                              |    | 2   |     |   |     |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Eumida sanguinea</i>             |                              |    | 1   | 1   |   |     |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Hypereteone heteropoda</i>       |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae     | <i>Harmothoe imbricata</i>          |                              |    |     |     |   | 2   |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae     | Polynoidae (LPIL)                   |                              |    | 1   |     |   | 1   |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae   | Sigalionidae (LPIL)                 |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae       | Autolytus (LPIL)                    |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae       | <i>Exogone dispar</i>               |                              |    | 1   | 1   |   |     |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae       | <i>Grubeosyllis clavata</i>         |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae       | <i>Parapionosyllis longicirrata</i> |                              |    |     |     |   | 1   |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae       | <i>Sphaerosyllis piriferopsis</i>   |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Scolecida       | Capitellidae   | <i>Heteromastus filiformis</i>      |                              |    | 1   |     |   | 2   |   |   |   |   | 3     |
| 029        | Annelida   | Polychaeta   | Scolecida       | Capitellidae   | Mediomastus (LPIL)                  |                              |    | 57  | 31  |   | 18  |   |   |   |   | 106   |
| 029        | Annelida   | Polychaeta   | Scolecida       | Maldanidae     | <i>Axiiothella mucosa</i>           |                              |    |     |     |   | 1   |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Scolecida       | Maldanidae     | <i>Clymenella torquata</i>          |                              |    |     |     |   | 2   |   |   |   |   | 2     |
| 029        | Annelida   | Polychaeta   | Scolecida       | Maldanidae     | Maldanidae (LPIL)                   |                              |    | 27  | 35  |   | 10  |   |   |   |   | 72    |
| 029        | Annelida   | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>             |                              |    | 16  | 5   |   | 5   |   |   |   |   | 26    |
| 029        | Annelida   | Polychaeta   | Spionida        | Spionidae      | <i>Spiophanes bombyx</i>            |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>        |                              |    | 69  | 41  |   | 48  |   |   |   |   | 158   |
| 029        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae   | <i>Tharyx acutus</i>                |                              |    | 7   | 12  |   | 5   |   |   |   |   | 24    |
| 029        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>            |                              |    | 1   |     |   | 2   |   |   |   |   | 3     |
| 029        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae  | <i>Sabellaria vulgaris</i>          |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Annelida   | Polychaeta   | Terebellida     | Terebellidae   | Terebellidae (LPIL)                 |                              |    | 2   |     |   |     |   |   |   |   | 2     |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Aeginellidae   | <i>Deutella incerta</i>             |                              |    | 10  | 1   |   |     |   |   |   |   | 11    |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae   | <i>Ampelisca vadorum</i>            |                              |    | 2   |     |   |     |   |   |   |   | 2     |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>           |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae    | Caprellidae (LPIL)                  |                              |    | 104 | 95  |   | 40  |   |   |   |   | 239   |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae    | Monocorophium (LPIL)                |                              |    |     | 2   |   | 1   |   |   |   |   | 3     |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae | <i>Erichthonius brasiliensis</i>    |                              |    | 14  | 4   |   | 15  |   |   |   |   | 33    |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae  | <i>Lysianopsis alba</i>             |                              |    |     |     |   | 1   |   |   |   |   | 1     |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Melitidae      | <i>Elasmopus levis</i>              |                              |    | 5   | 1   |   | 4   |   |   |   |   | 10    |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae   | <i>Parametopella cypris</i>         |                              |    | 12  | 3   |   | 11  |   |   |   |   | 26    |
| 029        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae   | <i>Stenothoe minuta</i>             |                              |    | 8   | 8   |   | 5   |   |   |   |   | 21    |
| 029        | Arthropoda | Malacostraca | Decapoda        | Paguridae      | Pagurus (LPIL)                      |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Arthropoda | Malacostraca | Decapoda        | Pisidae        | <i>Libinia dubia</i>                |                              |    |     | 2   |   | 3   |   |   |   |   | 5     |
| 029        | Arthropoda | Malacostraca | Decapoda        | Xanthidae      | <i>Panopeus herbstii</i>            |                              |    | 5   | 1   |   |     |   |   |   |   | 6     |
| 029        | Arthropoda | Malacostraca | Mysida          | Mysidae        | <i>Heteromysis formosa</i>          |                              |    |     |     |   | 1   |   |   |   |   | 1     |
| 029        | Mollusca   | Bivalvia     |                 |                | Bivalvia (LPIL)                     |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 029        | Mollusca   | Bivalvia     | Arcoida         | Arcidae        | <i>Anadara transversa</i>           |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Mollusca   | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>               |                              |    | 4   | 20  |   | 13  |   |   |   |   | 37    |
| 029        | Mollusca   | Bivalvia     | Venerida        | Veneridae      | <i>Mercenaria mercenaria</i>        |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Mollusca   | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>             |                              |    |     |     |   | 1   |   |   |   |   | 1     |
| 029        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae     | <i>Angulus versicolor</i>           |                              |    |     | 1   |   | 2   |   |   |   |   | 3     |
| 029        | Mollusca   | Gastropoda   |                 |                | Gastropoda (LPIL)                   |                              |    | 1   |     |   | 1   |   |   |   |   | 2     |
| 029        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae  | Crepidula (LPIL)                    |                              |    |     | 15  |   | 12  |   |   |   |   | 27    |
| 029        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae  | <i>Crepidula fornicata</i>          |                              |    | 110 | 95  |   | 135 |   |   |   |   | 340   |
| 029        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae  | <i>Crepidula plana</i>              |                              |    | 32  | 20  |   | 50  |   |   |   |   | 102   |
| 029        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae  | <i>Astiris lunata</i>               |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 029        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae  | <i>Cotonopsis lafresnayi</i>        |                              |    | 1   |     |   | 1   |   |   |   |   | 2     |
| 029        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>            |                              |    | 16  | 26  |   | 19  |   |   |   |   | 61    |
| 029        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>              |                              |    |     | 6   |   | 10  |   |   |   |   | 16    |
| 031        | Annelida   | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                     |                              | 77 | 18  | 33  |   |     |   |   |   |   | 128   |
| 031        | Annelida   | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>               |                              | 8  | 3   | 4   |   |     |   |   |   |   | 15    |
| 031        | Annelida   | Polychaeta   | Eunicida        | Lumbrineridae  | <i>Ninoe nigripes</i>               |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 031        | Annelida   | Polychaeta   | Eunicida        | Oeononidae     | <i>Arabella iricolor</i>            |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 031        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae     | Leitoscoloplos (LPIL)               |                              |    | 1   |     |   |     |   |   |   |   | 1     |
| 031        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glycera americana</i>            |                              |    |     | 1   |   |     |   |   |   |   | 1     |
| 031        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae     | Glyceridae (LPIL)                   |                              | 3  | 1   | 1   |   |     |   |   |   |   | 5     |

| Station ID | Phylum          | Class        | Order           | Family         | Taxa                               | Station Replicates Count (n) |     |    |    |    |   |   |   |   |   | Total |
|------------|-----------------|--------------|-----------------|----------------|------------------------------------|------------------------------|-----|----|----|----|---|---|---|---|---|-------|
|            |                 |              |                 |                |                                    | A                            | B   | C  | D  | E  | F | G | H | I | J |       |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Goniadidae     | <i>Glycinde solitaria</i>          |                              | 1   |    |    |    |   |   |   |   |   | 1     |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Podarke obscura</i>             |                              | 1   |    |    |    |   |   |   |   |   | 1     |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | Nephtyidae (LPIL)                  |                              | 1   |    |    |    |   |   |   |   |   | 1     |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>              |                              | 2   | 1  |    |    |   |   |   |   |   | 3     |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Hypereteone heteropoda</i>      |                              | 3   | 2  | 4  |    |   |   |   |   |   | 9     |
| 031        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Phyllodoce arenae</i>           |                              | 2   |    | 2  |    |   |   |   |   |   | 4     |
| 031        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | Mediomastus (LPIL)                 |                              | 165 | 58 | 87 |    |   |   |   |   |   | 310   |
| 031        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | Maldanidae (LPIL)                  |                              | 7   | 2  | 3  |    |   |   |   |   |   | 12    |
| 031        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>            |                              | 1   | 2  | 1  |    |   |   |   |   |   | 4     |
| 031        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae | <i>Spiochaetopterus oculatus</i>   |                              | 13  | 11 | 20 |    |   |   |   |   |   | 44    |
| 031        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>            |                              | 16  | 7  | 2  |    |   |   |   |   |   | 25    |
| 031        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Scolelepis texana</i>           |                              | 1   |    |    |    |   |   |   |   |   | 1     |
| 031        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Spiophanes bombyx</i>           |                              |     |    | 2  |    |   |   |   |   |   | 2     |
| 031        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>       |                              | 107 | 34 | 58 |    |   |   |   |   |   | 199   |
| 031        | Annelida        | Polychaeta   | Terebellida     | Ampharetidae   | <i>Ampharete finmarchica</i>       |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 031        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae   | Cirratulidae (LPIL)                |                              | 2   |    |    |    |   |   |   |   |   | 2     |
| 031        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae   | <i>Tharyx acutus</i>               |                              | 2   |    |    |    |   |   |   |   |   | 2     |
| 031        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>           |                              | 2   | 2  | 1  |    |   |   |   |   |   | 5     |
| 031        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae   | <i>Ampelisca vadorum</i>           |                              | 1   | 1  | 3  |    |   |   |   |   |   | 5     |
| 031        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>          |                              | 2   |    | 2  |    |   |   |   |   |   | 4     |
| 031        | Arthropoda      | Malacostraca | Amphipoda       | Caprellidae    | Caprellidae (LPIL)                 |                              | 2   |    |    |    |   |   |   |   |   | 2     |
| 031        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae | <i>Erichthonius brasiliensis</i>   |                              |     |    | 2  |    |   |   |   |   |   | 2     |
| 031        | Arthropoda      | Malacostraca | Cumacea         | Diastylidae    | <i>Oxyurostylis smithi</i>         |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 031        | Arthropoda      | Malacostraca | Decapoda        | Paguridae      | <i>Pagurus acadianus</i>           |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 031        | Arthropoda      | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>              |                              | 2   |    | 2  |    |   |   |   |   |   | 4     |
| 031        | Arthropoda      | Pycnogonida  |                 |                | Pycnogonida (LPIL)                 |                              |     | 1  | 2  |    |   |   |   |   |   | 3     |
| 031        | Cnidaria        | Anthozoa     | Actiniaria      |                | Actiniaria (LPIL)                  |                              | 2   |    | 1  |    |   |   |   |   |   | 3     |
| 031        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae      | <i>Yoldia limatula</i>             |                              | 2   | 1  | 1  |    |   |   |   |   |   | 4     |
| 031        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>              |                              | 86  | 37 | 62 |    |   |   |   |   |   | 185   |
| 031        | Mollusca        | Bivalvia     | Pholadomyoidea  | Pandoridae     | <i>Pandora gouldiana</i>           |                              | 1   | 1  | 1  |    |   |   |   |   |   | 3     |
| 031        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>            |                              | 6   | 4  | 4  |    |   |   |   |   |   | 14    |
| 031        | Mollusca        | Bivalvia     | Veneroidea      | Mactridae      | <i>Mulinia lateralis</i>           |                              |     |    | 2  |    |   |   |   |   |   | 2     |
| 031        | Mollusca        | Bivalvia     | Veneroidea      | Tellinidae     | <i>Angulus versicolor</i>          |                              |     | 4  | 5  |    |   |   |   |   |   | 9     |
| 031        | Mollusca        | Bivalvia     | Veneroidea      | Tellinidae     | <i>Eurytellina alternata</i>       |                              | 1   | 1  |    |    |   |   |   |   |   | 2     |
| 031        | Mollusca        | Gastropoda   |                 |                | Gastropoda (LPIL)                  |                              | 1   |    |    |    |   |   |   |   |   | 1     |
| 031        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>      |                              | 13  | 7  | 10 |    |   |   |   |   |   | 30    |
| 031        | Mollusca        | Gastropoda   | Heterostropho   | Acteonidae     | <i>Japonactaeon punctostriatus</i> |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 031        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | Turbonilla (LPIL)                  |                              | 7   | 8  | 9  |    |   |   |   |   |   | 24    |
| 031        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae   | <i>Crepidula fornicata</i>         |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 031        | Mollusca        | Gastropoda   | Neogastropoda   | Melongenidae   | <i>Busycotypus canaliculatus</i>   |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 031        | Mollusca        | Gastropoda   | Neogastropoda   | Muricidae      | <i>Eupleura caudata</i>            |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 031        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>           |                              | 3   | 4  | 9  |    |   |   |   |   |   | 16    |
| 031        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>             |                              | 37  | 8  | 12 |    |   |   |   |   |   | 57    |
| 031        | Platyhelminthes |              |                 |                | Platyhelminthes (LPIL)             |                              | 1   | 1  |    |    |   |   |   |   |   | 2     |
| 033        | Annelida        | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                    |                              |     | 21 | 18 | 4  |   |   |   |   |   | 43    |
| 033        | Annelida        | Polychaeta   | Eunicida        | Onuphidae      | <i>Onuphis eremita</i>             |                              |     |    |    | 3  |   |   |   |   |   | 3     |
| 033        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae     | Leitoscoloplos (LPIL)              |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glycera americana</i>           |                              |     |    | 1  | 1  |   |   |   |   |   | 2     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | Glyceridae (LPIL)                  |                              |     |    |    | 2  |   |   |   |   |   | 2     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Goniadidae     | <i>Glycinde solitaria</i>          |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | Nephtyidae (LPIL)                  |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>              |                              |     |    | 3  |    |   |   |   |   |   | 3     |
| 033        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Phyllodoce arenae</i>           |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | Mediomastus (LPIL)                 |                              |     | 22 | 35 | 46 |   |   |   |   |   | 103   |
| 033        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | Maldanidae (LPIL)                  |                              |     | 3  | 1  | 3  |   |   |   |   |   | 7     |
| 033        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>            |                              |     |    | 3  |    |   |   |   |   |   | 3     |
| 033        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae | <i>Spiochaetopterus oculatus</i>   |                              |     | 3  | 11 | 12 |   |   |   |   |   | 26    |
| 033        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>            |                              |     | 2  | 47 | 2  |   |   |   |   |   | 51    |
| 033        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Scolelepis texana</i>           |                              |     |    |    | 1  |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>       |                              |     | 28 | 30 | 46 |   |   |   |   |   | 104   |
| 033        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae   | Cirratulidae (LPIL)                |                              |     |    |    | 1  |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae   | <i>Tharyx acutus</i>               |                              |     |    | 1  |    |   |   |   |   |   | 1     |
| 033        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>           |                              |     |    |    | 2  |   |   |   |   |   | 2     |
| 033        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae   | <i>Ampelisca vadorum</i>           |                              |     | 2  |    |    |   |   |   |   |   | 2     |
| 033        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>          |                              |     |    | 1  | 4  |   |   |   |   |   | 5     |
| 033        | Arthropoda      | Malacostraca | Amphipoda       | Caprellidae    | Caprellidae (LPIL)                 |                              |     |    | 2  |    |   |   |   |   |   | 2     |
| 033        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae | <i>Erichthonius brasiliensis</i>   |                              |     |    |    | 1  |   |   |   |   |   | 1     |
| 033        | Arthropoda      | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>              |                              |     |    |    | 1  |   |   |   |   |   | 1     |
| 033        | Cnidaria        | Anthozoa     | Actiniaria      |                | Actiniaria (LPIL)                  |                              |     | 2  | 2  | 1  |   |   |   |   |   | 5     |
| 033        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae      | <i>Yoldia limatula</i>             |                              |     | 1  |    | 2  |   |   |   |   |   | 3     |
| 033        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>              |                              |     | 11 | 16 | 21 |   |   |   |   |   | 48    |
| 033        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>            |                              |     | 1  | 3  | 2  |   |   |   |   |   | 6     |
| 033        | Mollusca        | Bivalvia     | Veneroidea      | Tellinidae     | <i>Angulus versicolor</i>          |                              |     |    |    | 1  |   |   |   |   |   | 1     |
| 033        | Mollusca        | Bivalvia     | Veneroidea      | Tellinidae     | <i>Eurytellina alternata</i>       |                              |     |    | 2  |    |   |   |   |   |   | 2     |
| 033        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>      |                              |     | 14 | 24 | 13 |   |   |   |   |   | 51    |
| 033        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | Odostomia (LPIL)                   |                              |     | 1  |    |    |   |   |   |   |   | 1     |
| 033        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | Turbonilla (LPIL)                  |                              |     | 5  | 6  | 6  |   |   |   |   |   | 17    |



| Station ID | Phylum          | Class        | Order           | Family         | Taxa                             | Station Replicates Count (n) |    |    |    |   |   |   |   |   |   | Total |
|------------|-----------------|--------------|-----------------|----------------|----------------------------------|------------------------------|----|----|----|---|---|---|---|---|---|-------|
|            |                 |              |                 |                |                                  | A                            | B  | C  | D  | E | F | G | H | I | J |       |
| 033        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>         |                              |    | 2  | 1  | 1 |   |   |   |   |   | 4     |
| 033        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>           |                              |    | 4  | 11 | 5 |   |   |   |   |   | 20    |
| 035        | Annelida        | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                  | 29                           | 8  | 9  |    |   |   |   |   |   |   | 46    |
| 035        | Annelida        | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>            | 1                            | 1  |    |    |   |   |   |   |   |   | 2     |
| 035        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae     | <i>Leitoscoloplos</i> (LPIL)     | 1                            | 1  |    |    |   |   |   |   |   |   | 2     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glyceridae</i> (LPIL)         | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Goniadidae     | <i>Glycinde solitaria</i>        | 3                            | 1  |    |    |   |   |   |   |   |   | 4     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>            | 2                            |    | 3  |    |   |   |   |   |   |   | 5     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Eumida sanguinea</i>          | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Hypereteone heteropoda</i>    | 1                            | 1  | 1  |    |   |   |   |   |   |   | 3     |
| 035        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Phyllodoce arenae</i>         |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 035        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | <i>Mediomastus</i> (LPIL)        | 27                           | 28 | 12 |    |   |   |   |   |   |   | 67    |
| 035        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Maldanidae</i> (LPIL)         | 3                            | 7  | 5  |    |   |   |   |   |   |   | 15    |
| 035        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>          |                              |    | 2  |    |   |   |   |   |   |   | 2     |
| 035        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae | <i>Spiochaetopterus oculatus</i> | 16                           | 8  | 6  |    |   |   |   |   |   |   | 30    |
| 035        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>          | 3                            | 17 | 2  |    |   |   |   |   |   |   | 22    |
| 035        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Scolecopsis texana</i>        |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 035        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>     | 20                           | 38 | 16 |    |   |   |   |   |   |   | 74    |
| 035        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>         | 1                            | 1  | 1  |    |   |   |   |   |   |   | 3     |
| 035        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae   | <i>Ampelisca</i> (LPIL)          | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 035        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>        |                              | 2  | 3  |    |   |   |   |   |   |   | 5     |
| 035        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola irrorata</i>          | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 035        | Arthropoda      | Malacostraca | Cumacea         | Diastylidae    | <i>Oxyurostylis smithi</i>       |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 035        | Arthropoda      | Malacostraca | Decapoda        | Paguridae      | <i>Pagurus</i> (LPIL)            |                              | 1  | 1  |    |   |   |   |   |   |   | 2     |
| 035        | Arthropoda      | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>            |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 035        | Cnidaria        | Anthozoa     | Actiniaria      |                | <i>Actiniaria</i> (LPIL)         | 5                            | 4  | 2  |    |   |   |   |   |   |   | 11    |
| 035        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae      | <i>Yoldia limatula</i>           | 2                            | 2  | 1  |    |   |   |   |   |   |   | 5     |
| 035        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>            | 26                           | 25 | 18 |    |   |   |   |   |   |   | 69    |
| 035        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Mercenaria mercenaria</i>     |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 035        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>          | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 035        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Angulus versicolor</i>        |                              | 4  |    |    |   |   |   |   |   |   | 4     |
| 035        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Eurytellina alternata</i>     |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 035        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>    | 15                           | 17 | 7  |    |   |   |   |   |   |   | 39    |
| 035        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | <i>Turbonilla</i> (LPIL)         | 28                           | 34 | 37 |    |   |   |   |   |   |   | 99    |
| 035        | Mollusca        | Gastropoda   | Neogastropoda   | Muricidae      | <i>Eupleura caudata</i>          |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 035        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>         | 2                            | 1  | 6  |    |   |   |   |   |   |   | 9     |
| 035        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae    | <i>Tubulanus sp. A</i>           | 8                            | 17 | 8  |    |   |   |   |   |   |   | 33    |
| 035        | Platyhelminthes |              |                 |                | <i>Platyhelminthes</i> (LPIL)    | 1                            | 1  |    |    |   |   |   |   |   |   | 2     |
| 037        | Annelida        | Clitellata   | Tubificida      | Naididae       | Naididae (LPIL)                  | 51                           | 24 | 39 |    |   |   |   |   |   |   | 114   |
| 037        | Annelida        | Polychaeta   | Cossurida       | Cossuridae     | <i>Cossura soyeri</i>            | 1                            | 3  |    |    |   |   |   |   |   |   | 4     |
| 037        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae     | <i>Leitoscoloplos</i> (LPIL)     | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glycera americana</i>         | 1                            |    | 1  |    |   |   |   |   |   |   | 2     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae     | <i>Glyceridae</i> (LPIL)         |                              |    | 2  |    |   |   |   |   |   |   | 2     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Goniadidae     | <i>Glycinde solitaria</i>        | 1                            | 2  | 1  |    |   |   |   |   |   |   | 4     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae     | <i>Podarkeopsis levifuscina</i>  |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae     | <i>Nephtys incisa</i>            | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae  | <i>Hypereteone heteropoda</i>    |                              | 1  | 1  |    |   |   |   |   |   |   | 2     |
| 037        | Annelida        | Polychaeta   | Scolecida       | Capitellidae   | <i>Mediomastus</i> (LPIL)        | 44                           | 40 | 28 |    |   |   |   |   |   |   | 112   |
| 037        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Clymenella torquata</i>       | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Maldanidae</i> (LPIL)         | 8                            | 12 | 14 |    |   |   |   |   |   |   | 34    |
| 037        | Annelida        | Polychaeta   | Scolecida       | Maldanidae     | <i>Sabaco elongatus</i>          | 2                            | 1  |    |    |   |   |   |   |   |   | 3     |
| 037        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae | <i>Spiochaetopterus oculatus</i> | 4                            | 8  | 10 |    |   |   |   |   |   |   | 22    |
| 037        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Paraprionospio pinnata</i>    |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Polydora cornuta</i>          | 11                           | 8  | 4  |    |   |   |   |   |   |   | 23    |
| 037        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Spiophanes bombyx</i>         |                              |    | 2  |    |   |   |   |   |   |   | 2     |
| 037        | Annelida        | Polychaeta   | Spionida        | Spionidae      | <i>Streblospio benedicti</i>     | 93                           | 57 | 61 |    |   |   |   |   |   |   | 211   |
| 037        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae  | <i>Pectinaria gouldi</i>         |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 037        | Annelida        | Polychaeta   | Terebellida     | Terebellidae   | <i>Polycirrus eximius</i>        |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 037        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae   | <i>Ampelisca vadorum</i>         | 1                            |    | 1  |    |   |   |   |   |   |   | 2     |
| 037        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae        | <i>Unciola dissimilis</i>        | 1                            | 5  | 3  |    |   |   |   |   |   |   | 9     |
| 037        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae | <i>Ericthonius brasiliensis</i>  |                              | 2  | 1  |    |   |   |   |   |   |   | 3     |
| 037        | Arthropoda      | Malacostraca | Cumacea         | Leuconidae     | <i>Leucon americanus</i>         |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 037        | Arthropoda      | Malacostraca | Decapoda        | Paguridae      | <i>Pagurus</i> (LPIL)            | 2                            | 2  |    |    |   |   |   |   |   |   | 4     |
| 037        | Arthropoda      | Malacostraca | Isopoda         | Idoteidae      | <i>Edotia triloba</i>            |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 037        | Cnidaria        | Anthozoa     | Actiniaria      |                | <i>Actiniaria</i> (LPIL)         | 5                            |    |    |    |   |   |   |   |   |   | 5     |
| 037        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae      | <i>Yoldia limatula</i>           | 1                            | 2  | 2  |    |   |   |   |   |   |   | 5     |
| 037        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae      | <i>Nucula proxima</i>            | 58                           | 36 | 40 |    |   |   |   |   |   |   | 134   |
| 037        | Mollusca        | Bivalvia     | Pholadomyoidea  | Lyonsiidae     | <i>Lyonsia hyalina</i>           | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 037        | Mollusca        | Bivalvia     | Pholadomyoidea  | Pandoridae     | <i>Pandora gouldiana</i>         |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 037        | Mollusca        | Bivalvia     | Venerida        | Veneridae      | <i>Pitar morrhuanus</i>          | 1                            |    |    |    |   |   |   |   |   |   | 1     |
| 037        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Angulus versicolor</i>        | 4                            |    |    |    |   |   |   |   |   |   | 4     |
| 037        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Eurytellina alternata</i>     |                              | 1  |    |    |   |   |   |   |   |   | 1     |
| 037        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae     | <i>Tellinidae</i> (LPIL)         |                              |    | 1  |    |   |   |   |   |   |   | 1     |
| 037        | Mollusca        | Gastropoda   | Cephalaspidea   | Scaphandridae  | <i>Acteocina canaliculata</i>    | 4                            | 10 | 1  |    |   |   |   |   |   |   | 15    |
| 037        | Mollusca        | Gastropoda   | Heterostropho   | Pyramidellidae | <i>Turbonilla</i> (LPIL)         | 53                           | 45 | 18 |    |   |   |   |   |   |   | 116   |
| 037        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae    | <i>Tritia trivittata</i>         | 1                            | 1  | 1  |    |   |   |   |   |   |   | 3     |
| 037        | Mollusca        | Gastropoda   | Neotaenioglossa | Naticidae      | <i>Neverita duplicata</i>        |                              | 1  |    |    |   |   |   |   |   |   | 1     |



| Station ID | Phylum          | Class        | Order           | Family          | Taxa                                | Station Replicates Count (n) |     |    |   |    |   |     |   |     |   | Total |
|------------|-----------------|--------------|-----------------|-----------------|-------------------------------------|------------------------------|-----|----|---|----|---|-----|---|-----|---|-------|
|            |                 |              |                 |                 |                                     | A                            | B   | C  | D | E  | F | G   | H | I   | J |       |
| 037        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>              | 10                           | 10  | 6  |   |    |   |     |   |     |   | 26    |
| 039        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                     |                              | 260 |    |   |    |   | 255 |   | 176 |   | 691   |
| 039        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | Dorvilleidae (LPIL)                 |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i>    |                              | 2   |    |   |    |   |     |   |     |   | 2     |
| 039        | Annelida        | Polychaeta   | Eunicida        | Eunicidae       | <i>Nematonereis hebes</i>           |                              | 4   |    |   |    |   |     |   | 2   |   | 6     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>            |                              | 1   |    |   |    |   |     |   | 2   |   | 3     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                   |                              | 2   |    |   |    |   | 1   |   | 1   |   | 4     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>              |                              |     |    |   |    |   |     |   | 3   |   | 3     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>     |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                   |                              |     |    |   |    |   | 1   |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>             |                              | 5   |    |   |    |   | 3   |   | 1   |   | 9     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>       |                              |     |    |   |    |   | 2   |   | 3   |   | 5     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>            |                              |     |    |   |    |   | 1   |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | Phyllodocidae (LPIL)                |                              | 2   |    |   |    |   |     |   |     |   | 2     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>          |                              | 2   |    |   |    |   | 2   |   | 3   |   | 7     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                   |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)                 |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sthenelais limicola</i>          |                              | 1   |    |   |    |   |     |   | 1   |   | 2     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                    |                              | 29  |    |   |    |   | 23  |   | 21  |   | 73    |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>               |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>          |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis longicirrata</i> |                              |     |    |   |    |   | 3   |   | 1   |   | 4     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Streptosyllis arenae</i>         |                              | 3   |    |   |    |   |     |   | 1   |   | 4     |
| 039        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                     |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Sabellida       | Sabellidae      | <i>Parasabella microphthalma</i>    |                              | 18  |    |   |    |   |     |   |     |   | 18    |
| 039        | Annelida        | Polychaeta   | Sabellida       | Serpulidae      | <i>Hydroides dianthus</i>           |                              | 6   |    |   |    |   |     |   | 3   |   | 9     |
| 039        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>      |                              | 12  |    |   |    |   | 14  |   | 30  |   | 56    |
| 039        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                  |                              | 125 |    |   |    |   | 175 |   | 71  |   | 371   |
| 039        | Annelida        | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                   |                              | 44  |    |   |    |   | 50  |   | 36  |   | 130   |
| 039        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>    |                              |     |    |   |    |   | 1   |   |     |   | 1     |
| 039        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>             |                              | 15  |    |   |    |   | 1   |   | 3   |   | 19    |
| 039        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>            |                              |     |    |   |    |   | 1   |   | 1   |   | 2     |
| 039        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>        |                              | 120 |    |   |    |   | 75  |   | 42  |   | 237   |
| 039        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                 |                              | 35  |    |   |    |   |     |   | 42  |   | 77    |
| 039        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                |                              | 100 |    |   |    |   | 135 |   | 40  |   | 275   |
| 039        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>            |                              | 2   |    |   |    |   |     |   | 1   |   | 3     |
| 039        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>          |                              | 165 |    |   |    |   | 75  |   | 81  |   | 321   |
| 039        | Annelida        | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>           |                              | 8   |    |   |    |   | 2   |   | 1   |   | 11    |
| 039        | Annelida        | Polychaeta   | Terebellida     | Terebellidae    | Terebellidae (LPIL)                 |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae    | Ampelisca (LPIL)                    |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>            |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Ampithoidae     | <i>Cymadusa compta</i>              |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>           |                              | 11  |    |   |    |   | 9   |   | 13  |   | 33    |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)                  |                              | 26  |    |   |    |   | 13  |   | 5   |   | 44    |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)                |                              | 3   |    |   |    |   | 4   |   | 3   |   | 10    |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Ericthonius brasiliensis</i>     |                              | 5   |    |   |    |   | 2   |   |     |   | 7     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>             |                              | 1   |    |   |    |   |     |   | 5   |   | 6     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>              |                              | 5   |    |   |    |   | 1   |   |     |   | 6     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | Melitidae (LIPL)                    |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>           |                              | 3   |    |   |    |   |     |   | 1   |   | 4     |
| 039        | Arthropoda      | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>             |                              | 2   |    |   |    |   |     |   | 1   |   | 3     |
| 039        | Arthropoda      | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>             |                              |     |    |   |    |   | 2   |   |     |   | 2     |
| 039        | Arthropoda      | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>            |                              | 5   |    |   |    |   | 6   |   | 5   |   | 16    |
| 039        | Arthropoda      | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>              |                              | 12  |    |   |    |   | 18  |   | 17  |   | 47    |
| 039        | Arthropoda      | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)                 |                              | 9   |    |   |    |   | 1   |   | 4   |   | 14    |
| 039        | Arthropoda      | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>          |                              | 2   |    |   |    |   |     |   |     |   | 2     |
| 039        | Mollusca        | Bivalvia     |                 |                 | Bivalvia (LPIL)                     |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Mollusca        | Bivalvia     | Arcoidea        | Arcidae         | <i>Anadara transversa</i>           |                              |     |    |   |    |   |     |   | 1   |   | 1     |
| 039        | Mollusca        | Bivalvia     | Myoida          | Hiatellidae     | <i>Hiatella arctica</i>             |                              | 2   |    |   |    |   |     |   |     |   | 2     |
| 039        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                    |                              |     |    |   |    |   | 1   |   |     |   | 1     |
| 039        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>               |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Mollusca        | Bivalvia     | Ostreoida       | Anomiidae       | <i>Anomia simplex</i>               |                              | 2   |    |   |    |   | 3   |   | 2   |   | 7     |
| 039        | Mollusca        | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>              |                              |     |    |   |    |   | 1   |   | 2   |   | 3     |
| 039        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>        |                              | 2   |    |   |    |   | 2   |   | 3   |   | 7     |
| 039        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>             |                              | 1   |    |   |    |   | 1   |   |     |   | 2     |
| 039        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>           |                              | 2   |    |   |    |   |     |   |     |   | 2     |
| 039        | Mollusca        | Gastropoda   |                 |                 | Gastropoda (LPIL)                   |                              | 1   |    |   |    |   | 1   |   | 1   |   | 3     |
| 039        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae    | Crepidula (LPIL)                    |                              |     |    |   |    |   | 28  |   |     |   | 28    |
| 039        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>          |                              | 78  |    |   |    |   | 69  |   | 80  |   | 227   |
| 039        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula plana</i>              |                              | 9   |    |   |    |   | 9   |   | 3   |   | 21    |
| 039        | Mollusca        | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>        |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Mollusca        | Gastropoda   | Neogastropoda   | Muricidae       | <i>Eupleura caudata</i>             |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Mollusca        | Gastropoda   | Nudibranchia    |                 | Nudibranchia (LPIL)                 |                              | 5   |    |   |    |   |     |   |     |   | 5     |
| 039        | Nemertea        |              |                 |                 | Nemertea (LPIL)                     |                              | 1   |    |   |    |   |     |   |     |   | 1     |
| 039        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>              |                              | 5   |    |   |    |   | 4   |   | 5   |   | 14    |
| 039        | Platyhelminthes |              |                 |                 | Platyhelminthes (LPIL)              |                              |     |    |   |    |   | 1   |   |     |   | 1     |
| 041        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                     |                              | 98  | 41 |   | 54 |   |     |   |     |   | 193   |

| Station ID | Phylum     | Class        | Order           | Family          | Taxa                             | Station Replicates Count (n) |     |     |   |     |   |   |   |   |   | Total |
|------------|------------|--------------|-----------------|-----------------|----------------------------------|------------------------------|-----|-----|---|-----|---|---|---|---|---|-------|
|            |            |              |                 |                 |                                  | A                            | B   | C   | D | E   | F | G | H | I | J |       |
| 041        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i> |                              | 1   | 2   |   | 7   |   |   |   |   |   | 10    |
| 041        | Annelida   | Polychaeta   | Eunicida        | Lumbrineridae   | Lumbrineridae (LPIL)             |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Eunicida        | Oenonidae       | <i>Drilonereis longa</i>         |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         |                              | 3   | 1   |   | 1   |   |   |   |   |   | 5     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                |                              |     |     |   | 1   |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | Hesionidae (LPIL)                |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>           |                              |     | 8   |   | 8   |   |   |   |   |   | 16    |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          |                              | 3   |     |   | 1   |   |   |   |   |   | 4     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>       |                              | 3   | 4   |   |     |   |   |   |   |   | 7     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)              |                              |     | 1   |   | 2   |   |   |   |   |   | 3     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sthenelais limicola</i>       |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 |                              | 14  | 14  |   | 31  |   |   |   |   |   | 59    |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>      |                              |     | 1   |   | 3   |   |   |   |   |   | 4     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>       |                              | 4   |     |   | 1   |   |   |   |   |   | 5     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Streptosyllis arenae</i>      |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                  |                              | 2   |     |   |     |   |   |   |   |   | 2     |
| 041        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Syllis (LPIL)                    |                              |     |     |   | 1   |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>   |                              | 6   | 2   |   | 2   |   |   |   |   |   | 10    |
| 041        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               |                              | 65  | 90  |   | 66  |   |   |   |   |   | 221   |
| 041        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                |                              | 9   | 54  |   | 16  |   |   |   |   |   | 79    |
| 041        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                  |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i> |                              |     |     |   | 1   |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>          |                              | 4   | 9   |   | 4   |   |   |   |   |   | 17    |
| 041        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     |                              | 6   | 10  |   | 10  |   |   |   |   |   | 26    |
| 041        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>     |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             |                              | 470 | 372 |   | 121 |   |   |   |   |   | 963   |
| 041        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       |                              | 3   | 11  |   | 15  |   |   |   |   |   | 29    |
| 041        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        |                              | 1   | 18  |   | 12  |   |   |   |   |   | 31    |
| 041        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | Terebellidae (LPIL)              |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | Aoridae (LPIL)                   |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        |                              | 5   | 29  |   | 6   |   |   |   |   |   | 40    |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               |                              | 2   | 2   |   | 10  |   |   |   |   |   | 14    |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             |                              | 9   | 23  |   | 4   |   |   |   |   |   | 36    |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i> |                              |     |     |   | 5   |   |   |   |   |   | 5     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          |                              |     | 2   |   |     |   |   |   |   |   | 2     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           |                              | 7   | 35  |   | 9   |   |   |   |   |   | 51    |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | Melitidae (LPIL)                 |                              |     |     |   | 4   |   |   |   |   |   | 4     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        |                              | 2   | 3   |   | 2   |   |   |   |   |   | 7     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Proboloides holmesi</i>       |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>          |                              |     |     |   | 5   |   |   |   |   |   | 5     |
| 041        | Arthropoda | Malacostraca | Decapoda        | Cancridae       | <i>Cancer irroratus</i>          |                              |     |     |   | 1   |   |   |   |   |   | 1     |
| 041        | Arthropoda | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          |                              | 1   | 1   |   |     |   |   |   |   |   | 2     |
| 041        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         |                              | 5   | 8   |   | 10  |   |   |   |   |   | 23    |
| 041        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>           |                              | 21  | 20  |   | 8   |   |   |   |   |   | 49    |
| 041        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)              |                              | 1   | 5   |   | 17  |   |   |   |   |   | 23    |
| 041        | Arthropoda | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>       |                              | 2   | 4   |   | 7   |   |   |   |   |   | 13    |
| 041        | Mollusca   | Bivalvia     | Arcoida         | Arcidae         | <i>Anadara transversa</i>        |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 041        | Mollusca   | Bivalvia     | Ostreoida       | Anomiidae       | <i>Anomia simplex</i>            |                              | 1   |     |   | 1   |   |   |   |   |   | 2     |
| 041        | Mollusca   | Bivalvia     | Pholadomyoidea  | Lyonsiidae      | <i>Lyonsia hyalina</i>           |                              | 1   | 2   |   |     |   |   |   |   |   | 3     |
| 041        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>     |                              | 1   | 1   |   | 2   |   |   |   |   |   | 4     |
| 041        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>          |                              | 2   |     |   | 1   |   |   |   |   |   | 3     |
| 041        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | Tellinidae (LPIL)                |                              | 1   | 1   |   | 1   |   |   |   |   |   | 3     |
| 041        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | Crepidula (LPIL)                 |                              |     | 2   |   |     |   |   |   |   |   | 2     |
| 041        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>       |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 041        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>           |                              | 2   |     |   | 1   |   |   |   |   |   | 3     |
| 041        | Mollusca   | Gastropoda   | Nudibranchia    |                 | Nudibranchia (LPIL)              |                              | 2   |     |   |     |   |   |   |   |   | 2     |
| 041        | Nemertea   |              |                 |                 | Nemertea (LPIL)                  |                              | 4   |     |   |     |   |   |   |   |   | 4     |
| 041        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           |                              | 6   | 1   |   |     |   |   |   |   |   | 7     |
| 043        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  | 6                            | 105 | 22  |   |     |   |   |   |   |   | 133   |
| 043        | Annelida   | Polychaeta   | Eunicida        | Oenonidae       | <i>Drilonereis longa</i>         |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 043        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>           | 2                            |     | 2   |   |     |   |   |   |   |   | 4     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         | 1                            |     | 2   |   |     |   |   |   |   |   | 3     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                |                              |     | 1   |   |     |   |   |   |   |   | 1     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | Hesionidae (LPIL)                | 1                            |     | 2   |   |     |   |   |   |   |   | 3     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>           | 2                            |     |     |   |     |   |   |   |   |   | 2     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifusca</i>    |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          | 2                            | 1   |     |   |     |   |   |   |   |   | 3     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    |                              | 2   |     |   |     |   |   |   |   |   | 2     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>       | 2                            | 1   | 5   |   |     |   |   |   |   |   | 8     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)              | 4                            | 5   | 2   |   |     |   |   |   |   |   | 11    |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sthenelais leidy</i>          |                              | 1   |     |   |     |   |   |   |   |   | 1     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 | 14                           | 24  | 5   |   |     |   |   |   |   |   | 43    |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>            |                              | 2   | 1   |   |     |   |   |   |   |   | 3     |
| 043        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>      | 1                            | 10  |     |   |     |   |   |   |   |   | 11    |



| Station ID | Phylum          | Class        | Order           | Family          | Taxa                             | Station Replicates Count (n) |     |     |     |   |   |   |   |   |   | Total |
|------------|-----------------|--------------|-----------------|-----------------|----------------------------------|------------------------------|-----|-----|-----|---|---|---|---|---|---|-------|
|            |                 |              |                 |                 |                                  | A                            | B   | C   | D   | E | F | G | H | I | J |       |
| 043        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>       | 3                            | 2   | 6   |     |   |   |   |   |   |   | 11    |
| 043        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Streptosyllis arenae</i>      |                              | 1   |     |     |   |   |   |   |   |   | 1     |
| 043        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                  |                              | 1   |     |     |   |   |   |   |   |   | 1     |
| 043        | Annelida        | Polychaeta   | Sabellida       | Sabellidae      | <i>Parasabella microphthalma</i> |                              | 1   |     |     |   |   |   |   |   |   | 1     |
| 043        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>   | 5                            | 6   | 4   |     |   |   |   |   |   |   | 15    |
| 043        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               | 9                            | 24  | 19  |     |   |   |   |   |   |   | 52    |
| 043        | Annelida        | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                | 22                           | 55  | 17  |     |   |   |   |   |   |   | 94    |
| 043        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i> |                              | 1   | 1   |     |   |   |   |   |   |   | 2     |
| 043        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>          | 1                            | 3   | 2   |     |   |   |   |   |   |   | 6     |
| 043        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>         | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 043        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     | 7                            | 2   | 13  |     |   |   |   |   |   |   | 22    |
| 043        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 304                          | 505 | 375 |     |   |   |   |   |   |   | 1184  |
| 043        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>         | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 043        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       | 22                           | 75  | 16  |     |   |   |   |   |   |   | 113   |
| 043        | Annelida        | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        | 10                           | 2   | 6   |     |   |   |   |   |   |   | 18    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Aeginellidae    | <i>Deutella incerta</i>          |                              | 26  |     |     |   |   |   |   |   |   | 26    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>         |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Ampithoidae     | <i>Cymadusa compta</i>           |                              | 10  |     |     |   |   |   |   |   |   | 10    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        | 8                            | 18  | 1   |     |   |   |   |   |   |   | 27    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Bateidae        | <i>Batea catharinensis</i>       |                              | 1   | 4   |     |   |   |   |   |   |   | 5     |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               | 23                           | 140 | 8   |     |   |   |   |   |   |   | 171   |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             | 3                            | 1   | 3   |     |   |   |   |   |   |   | 7     |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i> | 3                            | 21  | 2   |     |   |   |   |   |   |   | 26    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          | 4                            | 3   | 1   |     |   |   |   |   |   |   | 8     |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           | 12                           | 3   |     |     |   |   |   |   |   |   | 15    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        | 6                            | 14  | 1   |     |   |   |   |   |   |   | 21    |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Stenothoidae    | <i>Parametopella cypris</i>      |                              | 2   |     |     |   |   |   |   |   |   | 2     |
| 043        | Arthropoda      | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>          | 2                            | 15  | 1   |     |   |   |   |   |   |   | 18    |
| 043        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                   |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 043        | Arthropoda      | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          | 2                            |     |     |     |   |   |   |   |   |   | 2     |
| 043        | Arthropoda      | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         |                              | 10  | 4   |     |   |   |   |   |   |   | 14    |
| 043        | Arthropoda      | Malacostraca | Decapoda        | Xanthidae       | <i>Rhithropanopeus harrisii</i>  | 3                            |     |     |     |   |   |   |   |   |   | 3     |
| 043        | Arthropoda      | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>           |                              | 27  | 35  |     |   |   |   |   |   |   | 62    |
| 043        | Arthropoda      | Malacostraca | Isopoda         | Anthuridae      | Mesanthura (LPIL)                | 41                           |     |     |     |   |   |   |   |   |   | 41    |
| 043        | Arthropoda      | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)              | 6                            | 17  | 5   |     |   |   |   |   |   |   | 28    |
| 043        | Arthropoda      | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>       |                              | 4   | 1   |     |   |   |   |   |   |   | 5     |
| 043        | Mollusca        | Bivalvia     |                 |                 | Bivalvia (LPIL)                  |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 043        | Mollusca        | Bivalvia     | Myoida          | Corbulidae      | <i>Corbula contracta</i>         | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 043        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                 |                              | 5   |     |     |   |   |   |   |   |   | 5     |
| 043        | Mollusca        | Bivalvia     | Ostreoida       | Anomiidae       | <i>Anomia simplex</i>            | 2                            | 1   | 1   |     |   |   |   |   |   |   | 4     |
| 043        | Mollusca        | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>           | 2                            | 1   | 3   |     |   |   |   |   |   |   | 6     |
| 043        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>     | 4                            | 2   |     |     |   |   |   |   |   |   | 6     |
| 043        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>          |                              | 1   | 1   |     |   |   |   |   |   |   | 2     |
| 043        | Mollusca        | Gastropoda   |                 |                 | Gastropoda (LPIL)                | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 043        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptraeidae   | Crepidula (LPIL)                 | 3                            |     |     |     |   |   |   |   |   |   | 3     |
| 043        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>       | 1                            | 3   |     |     |   |   |   |   |   |   | 4     |
| 043        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>           | 2                            | 2   | 4   |     |   |   |   |   |   |   | 8     |
| 043        | Mollusca        | Gastropoda   | Neogastropoda   | Muricidae       | <i>Eupleura caudata</i>          |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 043        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           |                              |     | 3   |     |   |   |   |   |   |   | 3     |
| 043        | Platyhelminthes |              |                 |                 | Platyhelminthes (LPIL)           |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 045        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  | 3                            | 48  |     | 61  |   |   |   |   |   |   | 112   |
| 045        | Annelida        | Polychaeta   | Archiannelida   | Polygordiidae   | Polygordius (LPIL)               |                              | 2   |     | 1   |   |   |   |   |   |   | 3     |
| 045        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i> | 2                            | 2   |     |     |   |   |   |   |   |   | 4     |
| 045        | Annelida        | Polychaeta   | Eunicida        | Lumbrineridae   | <i>Scoletoma acicularum</i>      |                              |     |     | 1   |   |   |   |   |   |   | 1     |
| 045        | Annelida        | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>           | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         | 1                            |     |     | 1   |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                |                              | 1   |     | 1   |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae      | Hesionidae (LPIL)                | 6                            |     |     | 2   |   |   |   |   |   |   | 8     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>  |                              | 4   |     | 4   |   |   |   |   |   |   | 8     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                |                              |     |     | 1   |   |   |   |   |   |   | 1     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>          | 4                            | 1   |     | 1   |   |   |   |   |   |   | 6     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    |                              | 2   |     |     |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>         | 1                            | 1   |     |     |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>       | 1                            |     |     | 2   |   |   |   |   |   |   | 3     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)              | 3                            | 2   |     | 2   |   |   |   |   |   |   | 7     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 | 5                            | 2   |     | 18  |   |   |   |   |   |   | 25    |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>            | 2                            | 1   |     | 1   |   |   |   |   |   |   | 4     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>      |                              | 1   |     | 5   |   |   |   |   |   |   | 6     |
| 045        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Odontosyllis enopla</i>       | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 045        | Annelida        | Polychaeta   | Sabellida       | Serpulidae      | <i>Hydroides dianthus</i>        |                              |     |     | 2   |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Capitellidae (LPIL)              | 2                            |     |     |     |   |   |   |   |   |   | 2     |
| 045        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>   |                              | 5   |     | 4   |   |   |   |   |   |   | 9     |
| 045        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               | 1                            | 16  |     | 109 |   |   |   |   |   |   | 126   |
| 045        | Annelida        | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                | 32                           | 53  |     | 97  |   |   |   |   |   |   | 182   |
| 045        | Annelida        | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                  | 3                            | 11  |     | 19  |   |   |   |   |   |   | 33    |
| 045        | Annelida        | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>       |                              | 4   |     | 1   |   |   |   |   |   |   | 5     |
| 045        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i> |                              | 3   |     | 3   |   |   |   |   |   |   | 6     |

| Station ID | Phylum        | Class        | Order           | Family          | Taxa                             | Station Replicates Count (n) |     |     |     |   |   |   |   |   |   | Total |
|------------|---------------|--------------|-----------------|-----------------|----------------------------------|------------------------------|-----|-----|-----|---|---|---|---|---|---|-------|
|            |               |              |                 |                 |                                  | A                            | B   | C   | D   | E | F | G | H | I | J |       |
| 045        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>          |                              | 4   |     |     |   |   |   |   |   |   | 4     |
| 045        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>         | 4                            | 9   |     | 7   |   |   |   |   |   |   | 20    |
| 045        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     | 7                            | 31  |     | 43  |   |   |   |   |   |   | 81    |
| 045        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>     | 1                            | 1   |     |     |   |   |   |   |   |   | 2     |
| 045        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>       |                              |     |     | 1   |   |   |   |   |   |   | 1     |
| 045        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)              | 4                            |     |     |     |   |   |   |   |   |   | 4     |
| 045        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 240                          | 249 |     | 190 |   |   |   |   |   |   | 679   |
| 045        | Annelida      | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>       | 5                            | 4   |     | 11  |   |   |   |   |   |   | 20    |
| 045        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        | 19                           | 5   |     | 4   |   |   |   |   |   |   | 28    |
| 045        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | Terebellidae (LPIL)              |                              |     |     | 1   |   |   |   |   |   |   | 1     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>         | 1                            | 3   |     |     |   |   |   |   |   |   | 4     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>        | 2                            | 4   |     | 3   |   |   |   |   |   |   | 9     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               | 3                            | 1   |     | 19  |   |   |   |   |   |   | 23    |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)             | 1                            | 1   |     |     |   |   |   |   |   |   | 2     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Ericthonius brasiliensis</i>  |                              |     |     | 2   |   |   |   |   |   |   | 2     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          | 2                            |     |     | 6   |   |   |   |   |   |   | 8     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           | 2                            | 2   |     |     |   |   |   |   |   |   | 4     |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        | 2                            | 2   |     | 8   |   |   |   |   |   |   | 12    |
| 045        | Arthropoda    | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>          | 1                            |     |     | 1   |   |   |   |   |   |   | 2     |
| 045        | Arthropoda    | Malacostraca | Decapoda        | Callinassidae   | Callinassa (LPIL)                | 1                            | 1   |     |     |   |   |   |   |   |   | 2     |
| 045        | Arthropoda    | Malacostraca | Decapoda        | Pisidae         | <i>Libinia dubia</i>             | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 045        | Arthropoda    | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          |                              | 1   |     |     |   |   |   |   |   |   | 1     |
| 045        | Arthropoda    | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         |                              | 1   |     | 4   |   |   |   |   |   |   | 5     |
| 045        | Arthropoda    | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>           | 20                           | 24  |     | 14  |   |   |   |   |   |   | 58    |
| 045        | Arthropoda    | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)              |                              |     |     | 2   |   |   |   |   |   |   | 2     |
| 045        | Arthropoda    | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>       |                              |     |     | 4   |   |   |   |   |   |   | 4     |
| 045        | Echinodermata | Ophiuroidea  | Ophiurida       | Amphiuridae     | Amphiuridae (LPIL)               |                              |     |     | 2   |   |   |   |   |   |   | 2     |
| 045        | Mollusca      | Bivalvia     | Pholadomyoidea  | Lyonsiidae      | <i>Lyonsia hyalina</i>           | 1                            |     |     | 2   |   |   |   |   |   |   | 3     |
| 045        | Mollusca      | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>     | 1                            |     |     | 2   |   |   |   |   |   |   | 3     |
| 045        | Mollusca      | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>          | 2                            | 1   |     |     |   |   |   |   |   |   | 3     |
| 045        | Mollusca      | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>       |                              |     |     | 13  |   |   |   |   |   |   | 13    |
| 045        | Mollusca      | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula plana</i>           | 1                            |     |     | 2   |   |   |   |   |   |   | 3     |
| 045        | Nemertea      |              |                 |                 | Nemertea (LPIL)                  | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 045        | Nemertea      | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>           | 1                            |     |     | 4   |   |   |   |   |   |   | 5     |
| 047        | Annelida      | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                  | 21                           | 3   | 20  |     |   |   |   |   |   |   | 44    |
| 047        | Annelida      | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)               | 1                            |     | 1   |     |   |   |   |   |   |   | 2     |
| 047        | Annelida      | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Schistomeringos pectinata</i> | 1                            | 3   |     |     |   |   |   |   |   |   | 4     |
| 047        | Annelida      | Polychaeta   | Eunicida        | Lumbrineridae   | <i>Scoletoma acicularum</i>      | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Eunicida        | Onuphidae       | Onuphidae (LPIL)                 | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>           |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>         | 2                            | 1   |     |     |   |   |   |   |   |   | 3     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Hesionidae      | Hesionidae (LPIL)                | 2                            |     |     |     |   |   |   |   |   |   | 2     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>           |                              | 2   |     |     |   |   |   |   |   |   | 2     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarkeopsis levifuscina</i>  | 4                            |     |     |     |   |   |   |   |   |   | 4     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>    | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>         |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>       | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                 | 3                            |     |     |     |   |   |   |   |   |   | 3     |
| 047        | Annelida      | Polychaeta   | Phyllodocida    | Syllidae        | <i>Grubeosyllis clavata</i>      | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>   | 4                            |     |     |     |   |   |   |   |   |   | 4     |
| 047        | Annelida      | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)               | 19                           | 2   | 25  |     |   |   |   |   |   |   | 46    |
| 047        | Annelida      | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                | 72                           | 31  | 195 |     |   |   |   |   |   |   | 298   |
| 047        | Annelida      | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                  | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i> | 2                            |     |     |     |   |   |   |   |   |   | 2     |
| 047        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>         | 3                            |     |     |     |   |   |   |   |   |   | 3     |
| 047        | Annelida      | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>     | 24                           |     | 20  |     |   |   |   |   |   |   | 44    |
| 047        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Ampharete finmarchica</i>     | 2                            |     | 1   |     |   |   |   |   |   |   | 3     |
| 047        | Annelida      | Polychaeta   | Terebellida     | Ampharetidae    | <i>Anobothrus gracilis</i>       |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)              | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Annelida      | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>             | 142                          | 23  | 235 |     |   |   |   |   |   |   | 400   |
| 047        | Annelida      | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>         | 1                            |     | 1   |     |   |   |   |   |   |   | 2     |
| 047        | Annelida      | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>        |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Arthropoda    | Malacostraca | Amphipoda       | Bateidae        | <i>Batea catharinensis</i>       | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Arthropoda    | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)               | 1                            |     |     |     |   |   |   |   |   |   | 1     |
| 047        | Arthropoda    | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>          | 1                            |     | 3   |     |   |   |   |   |   |   | 4     |
| 047        | Arthropoda    | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>           | 3                            |     |     |     |   |   |   |   |   |   | 3     |
| 047        | Arthropoda    | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>        | 3                            |     | 4   |     |   |   |   |   |   |   | 7     |
| 047        | Arthropoda    | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>          | 1                            | 1   |     |     |   |   |   |   |   |   | 2     |
| 047        | Arthropoda    | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>         | 2                            | 4   |     |     |   |   |   |   |   |   | 6     |
| 047        | Arthropoda    | Malacostraca | Decapoda        | Xanthidae       | <i>Rhithropanopeus harrisi</i>   |                              |     | 4   |     |   |   |   |   |   |   | 4     |
| 047        | Arthropoda    | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>           | 10                           |     |     |     |   |   |   |   |   |   | 10    |
| 047        | Arthropoda    | Malacostraca | Isopoda         | Anthuridae      | Mesanthura (LPIL)                |                              | 4   | 16  |     |   |   |   |   |   |   | 20    |
| 047        | Arthropoda    | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)              |                              |     | 1   |     |   |   |   |   |   |   | 1     |
| 047        | Arthropoda    | Malacostraca | Mysida          | Mysidae         | <i>Heteromysis formosa</i>       | 2                            |     |     |     |   |   |   |   |   |   | 2     |
| 047        | Mollusca      | Bivalvia     |                 |                 | Bivalvia (LPIL)                  |                              | 1   |     |     |   |   |   |   |   |   | 1     |



| Station ID | Phylum     | Class        | Order           | Family          | Taxa                              | Station Replicates Count (n) |    |    |   |   |   |    |    |    |   | Total |
|------------|------------|--------------|-----------------|-----------------|-----------------------------------|------------------------------|----|----|---|---|---|----|----|----|---|-------|
|            |            |              |                 |                 |                                   | A                            | B  | C  | D | E | F | G  | H  | I  | J |       |
| 047        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>      |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 047        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>           | 2                            |    |    |   |   |   |    |    |    |   | 2     |
| 047        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>        |                              |    | 14 |   |   |   |    |    |    |   | 14    |
| 047        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>            |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 047        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>      | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 047        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>            | 4                            |    | 2  |   |   |   |    |    |    |   | 6     |
| 049        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                   | 20                           | 12 | 7  |   |   |   |    |    |    |   | 39    |
| 049        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                | 2                            | 2  | 1  |   |   |   |    |    |    |   | 5     |
| 049        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Protodorvillea kefersteini</i> | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>            |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 049        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Leitoscoloplos robustus</i>    |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>            |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 049        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>          | 1                            | 1  |    |   |   |   |    |    |    |   | 2     |
| 049        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys incisa</i>             |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>              |                              | 1  | 5  |   |   |   |    |    |    |   | 6     |
| 049        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>     |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sthenelais leidy</i>           |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>    | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                | 31                           | 17 | 16 |   |   |   |    |    |    |   | 64    |
| 049        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                 |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                   | 1                            | 2  | 2  |   |   |   |    |    |    |   | 5     |
| 049        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>  | 3                            | 3  | 3  |   |   |   |    |    |    |   | 9     |
| 049        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Apoprionospio pygmaea</i>      |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>           |                              | 1  | 1  |   |   |   |    |    |    |   | 2     |
| 049        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>          | 3                            | 6  | 3  |   |   |   |    |    |    |   | 12    |
| 049        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>      | 127                          | 29 | 22 |   |   |   |    |    |    |   | 178   |
| 049        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Caulieriella sp. J</i>         | 4                            | 8  | 9  |   |   |   |    |    |    |   | 21    |
| 049        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)               | 1                            | 6  | 6  |   |   |   |    |    |    |   | 13    |
| 049        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>              | 4                            |    | 10 |   |   |   |    |    |    |   | 14    |
| 049        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>        | 2                            |    |    |   |   |   |    |    |    |   | 2     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | Ampelisca (LPIL)                  | 2                            |    |    |   |   |   |    |    |    |   | 2     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca sp. R</i>            |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Bateidae        | <i>Batea catharinensis</i>        |                              |    | 4  |   |   |   |    |    |    |   | 4     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)              |                              |    | 9  |   |   |   |    |    |    |   | 9     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i>  |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>            |                              |    | 4  |   |   |   |    |    |    |   | 4     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>         |                              | 2  | 3  |   |   |   |    |    |    |   | 5     |
| 049        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>        |                              |    | 4  |   |   |   |    |    |    |   | 4     |
| 049        | Arthropoda | Malacostraca | Decapoda        | Callinassidae   | Callinassa (LPIL)                 |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                    | 1                            | 3  | 8  |   |   |   |    |    |    |   | 12    |
| 049        | Arthropoda | Malacostraca | Decapoda        | Pisidae         | <i>Libinia dubia</i>              |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Bivalvia     | Arcoida         | Arcidae         | <i>Anadara transversa</i>         |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 049        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                  | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsidae       | <i>Lyonsia hyalina</i>            | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>      |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>           |                              | 1  | 1  |   |   |   |    |    |    |   | 2     |
| 049        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>             | 4                            | 2  | 1  |   |   |   |    |    |    |   | 7     |
| 049        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>         | 1                            | 2  |    |   |   |   |    |    |    |   | 3     |
| 049        | Mollusca   | Gastropoda   | Heterostrophia  | Pyramidellidae  | Turbonilla (LPIL)                 |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>            |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>      |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>          | 4                            | 1  |    |   |   |   |    |    |    |   | 5     |
| 049        | Mollusca   | Gastropoda   | Neotaenioglossa | Naticidae       | <i>Neverita duplicata</i>         |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 049        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>            |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 051        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                   |                              |    |    |   |   |   | 33 | 39 | 16 |   | 88    |
| 051        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Pettiboneia duofurca</i>       |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>          |                              |    |    |   |   |   | 2  | 3  | 1  |   | 6     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Hypereteone heteropoda</i>     |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Phyllodoce arenae</i>          |                              |    |    |   |   |   | 4  | 3  |    |   | 7     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>        |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)               |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>             |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>    |                              |    |    |   |   |   | 1  |    | 2  |   | 3     |
| 051        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                |                              |    |    |   |   |   | 57 | 38 | 15 |   | 110   |
| 051        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Axiobella mucosa</i>           |                              |    |    |   |   |   | 14 |    |    |   | 14    |
| 051        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Clymenella torquata</i>        |                              |    |    |   |   |   |    | 28 | 19 |   | 47    |
| 051        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                 |                              |    |    |   |   |   | 47 | 18 | 20 |   | 85    |
| 051        | Annelida   | Polychaeta   | Spionida        | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>  |                              |    |    |   |   |   | 6  | 4  | 2  |   | 12    |
| 051        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>           |                              |    |    |   |   |   | 7  | 3  | 10 |   | 20    |
| 051        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>          |                              |    |    |   |   |   | 4  | 2  | 4  |   | 10    |
| 051        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>      |                              |    |    |   |   |   | 75 | 89 | 46 |   | 210   |
| 051        | Annelida   | Polychaeta   | Terebellida     | Pectinariidae   | <i>Pectinaria gouldi</i>          |                              |    |    |   |   |   |    |    | 1  |   | 1     |
| 051        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | Ampelisca (LPIL)                  |                              |    |    |   |   |   | 1  | 1  |    |   | 2     |
| 051        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca sp. R</i>            |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Arthropoda | Malacostraca | Amphipoda       | Ampeliscidae    | <i>Ampelisca vadorum</i>          |                              |    |    |   |   |   |    |    | 2  |   | 2     |
| 051        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>         |                              |    |    |   |   |   | 10 | 10 | 8  |   | 28    |
| 051        | Arthropoda | Malacostraca | Amphipoda       | Liljeborgiidae  | <i>Idunella barnardi</i>          |                              |    |    |   |   |   | 2  |    |    |   | 2     |



| Station ID | Phylum          | Class        | Order           | Family          | Taxa                            | Station Replicates Count (n) |    |    |   |   |   |    |    |    |   | Total |
|------------|-----------------|--------------|-----------------|-----------------|---------------------------------|------------------------------|----|----|---|---|---|----|----|----|---|-------|
|            |                 |              |                 |                 |                                 | A                            | B  | C  | D | E | F | G  | H  | I  | J |       |
| 051        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                  |                              |    |    |   |   |   |    |    | 1  |   | 1     |
| 051        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                |                              |    |    |   |   |   |    |    | 1  |   | 1     |
| 051        | Mollusca        | Bivalvia     | Nuculanida      | Yoldiidae       | <i>Yoldia limatula</i>          |                              |    |    |   |   |   |    | 1  | 4  |   | 5     |
| 051        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>           |                              |    |    |   |   |   | 70 | 30 | 53 |   | 153   |
| 051        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>    |                              |    |    |   |   |   |    | 1  |    |   | 1     |
| 051        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>         |                              |    |    |   |   |   |    |    | 2  |   | 2     |
| 051        | Mollusca        | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>           |                              |    |    |   |   |   | 2  | 2  |    |   | 4     |
| 051        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>       |                              |    |    |   |   |   | 11 | 7  | 12 |   | 30    |
| 051        | Mollusca        | Gastropoda   |                 |                 | Gastropoda (LPIL)               |                              |    |    |   |   |   | 1  |    |    |   | 1     |
| 051        | Mollusca        | Gastropoda   | Heterostropha   | Pyramidellidae  | <i>Turbonilla</i> (LPIL)        |                              |    |    |   |   |   | 1  | 1  | 4  |   | 6     |
| 051        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>        |                              |    |    |   |   |   | 4  | 7  | 6  |   | 17    |
| 051        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>          |                              |    |    |   |   |   | 2  | 8  | 5  |   | 15    |
| 051        | Platyhelminthes |              |                 |                 | Platyhelminthes (LPIL)          |                              |    |    |   |   |   |    | 2  |    |   | 2     |
| 053        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                 | 24                           | 7  | 29 |   |   |   |    |    |    |   | 60    |
| 053        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Pettiboneia duofurca</i>     | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Leitoscoloplos</i> (LPIL)    | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Leitoscoloplos robustus</i>  |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>            | 3                            | 2  | 2  |   |   |   |    |    |    |   | 7     |
| 053        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Lepidasthenia varia</i>      |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sthenelais leidy</i>         | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | <i>Exogone dispar</i>           |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | <i>Mediomastus</i> (LPIL)       | 51                           | 7  | 30 |   |   |   |    |    |    |   | 88    |
| 053        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>         | 1                            |    | 1  |   |   |   |    |    |    |   | 2     |
| 053        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>        | 1                            | 1  | 5  |   |   |   |    |    |    |   | 7     |
| 053        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>    | 30                           | 18 | 38 |   |   |   |    |    |    |   | 86    |
| 053        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Cirratulidae</i> (LPIL)      | 4                            |    | 3  |   |   |   |    |    |    |   | 7     |
| 053        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>            | 9                            | 2  |    |   |   |   |    |    |    |   | 11    |
| 053        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>      |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>       |                              | 1  | 25 |   |   |   |    |    |    |   | 26    |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae     | <i>Monocorophium</i> (LPIL)     | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Ericthonius brasiliensis</i> | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>          | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>       | 1                            | 1  |    |   |   |   |    |    |    |   | 2     |
| 053        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>      |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Decapoda        | Callinassidae   | <i>Callinassa</i> (LPIL)        |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                  |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus acadianus</i>        |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Decapoda        | Pisidae         | <i>Libinia dubia</i>            | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Decapoda        | Upogebiidae     | <i>Upogebia affinis</i>         | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 053        | Arthropoda      | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>          |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 053        | Mollusca        | Bivalvia     | Arcoida         | Arcidae         | <i>Anadara transversa</i>       | 2                            |    |    |   |   |   |    |    |    |   | 2     |
| 053        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                | 1                            |    | 1  |   |   |   |    |    |    |   | 2     |
| 053        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>           | 3                            |    |    |   |   |   |    |    |    |   | 3     |
| 053        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Mercenaria mercenaria</i>    | 2                            | 1  |    |   |   |   |    |    |    |   | 3     |
| 053        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | <i>Pitar morrhuanus</i>         |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 053        | Mollusca        | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>      |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 053        | Mollusca        | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>           | 6                            | 7  | 4  |   |   |   |    |    |    |   | 17    |
| 053        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>       | 13                           | 4  | 10 |   |   |   |    |    |    |   | 27    |
| 053        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>      | 1                            |    | 5  |   |   |   |    |    |    |   | 6     |
| 053        | Mollusca        | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>    | 2                            |    |    |   |   |   |    |    |    |   | 2     |
| 053        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>        | 1                            | 5  | 4  |   |   |   |    |    |    |   | 10    |
| 053        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | <i>Tubulanus sp. A</i>          |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 053        | Platyhelminthes |              |                 |                 | Platyhelminthes (LPIL)          | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 055        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                 |                              |    | 6  |   |   |   |    |    |    |   | 6     |
| 055        | Annelida        | Polychaeta   | Archiannelida   | Polygordiidae   | <i>Polygordius</i> (LPIL)       |                              |    | 6  |   |   |   |    |    |    |   | 6     |
| 055        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>            | 1                            | 1  | 4  |   |   |   |    |    |    |   | 6     |
| 055        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | <i>Mediomastus</i> (LPIL)       | 2                            | 2  | 3  |   |   |   |    |    |    |   | 7     |
| 055        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>         |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 055        | Annelida        | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>    | 1                            | 1  | 9  |   |   |   |    |    |    |   | 11    |
| 055        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Caulieriella sp. J</i>       | 5                            |    | 2  |   |   |   |    |    |    |   | 7     |
| 055        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Cirratulidae</i> (LPIL)      |                              |    | 5  |   |   |   |    |    |    |   | 5     |
| 055        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>            |                              | 5  | 28 |   |   |   |    |    |    |   | 33    |
| 055        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>      |                              |    | 2  |   |   |   |    |    |    |   | 2     |
| 055        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>       |                              |    | 1  |   |   |   |    |    |    |   | 1     |
| 055        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae     | <i>Monocorophium</i> (LPIL)     |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>          |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>       |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>      | 8                            | 9  | 4  |   |   |   |    |    |    |   | 21    |
| 055        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                  |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Mollusca        | Bivalvia     | Arcoida         | Arcidae         | <i>Anadara transversa</i>       |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | <i>Mytilus edulis</i>           | 1                            |    |    |   |   |   |    |    |    |   | 1     |
| 055        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae       | <i>Nucula proxima</i>           | 1                            | 2  |    |   |   |   |    |    |    |   | 3     |
| 055        | Mollusca        | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>      | 1                            | 2  | 3  |   |   |   |    |    |    |   | 6     |
| 055        | Mollusca        | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>           | 2                            | 1  | 7  |   |   |   |    |    |    |   | 10    |
| 055        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>       | 1                            |    | 3  |   |   |   |    |    |    |   | 4     |
| 055        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | Tellinidae (LPIL)               |                              | 1  |    |   |   |   |    |    |    |   | 1     |
| 055        | Mollusca        | Gastropoda   |                 |                 | Gastropoda (LPIL)               | 1                            |    |    |   |   |   |    |    |    |   | 1     |

| Station ID | Phylum          | Class        | Order           | Family          | Taxa                          | Station Replicates Count (n) |    |    |   |   |   |   |   |    |    | Total |
|------------|-----------------|--------------|-----------------|-----------------|-------------------------------|------------------------------|----|----|---|---|---|---|---|----|----|-------|
|            |                 |              |                 |                 |                               | A                            | B  | C  | D | E | F | G | H | I  | J  |       |
| 055        | Mollusca        | Gastropoda   | Heterostroph    | Pyramidellidae  | Odostomia (LPIL)              | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 055        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptidae      | Crepidula (LPIL)              |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 055        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptidae      | Crepidula fornicata           | 15                           |    |    |   |   |   |   |   |    |    | 15    |
| 055        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae     | Tritia trivittata             | 2                            |    |    |   |   |   |   |   |    |    | 2     |
| 055        | Nemertea        |              |                 |                 | Nemertea (LPIL)               |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)               | 10                           | 23 | 11 |   |   |   |   |   |    |    | 44    |
| 057        | Annelida        | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)            | 2                            | 9  | 4  |   |   |   |   |   |    |    | 15    |
| 057        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | Pettiboneia duofurca          |                              |    | 1  |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | Schistomeringos pectinata     |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Flabelligerida  | Flabelligeridae | Pherusa affinis               | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Glyceridae      | Glycera americana             | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae      | Nephtyidae (LPIL)             |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Nephtyidae      | Nephtys picta                 |                              |    | 3  |   |   |   |   |   |    |    | 3     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)             | 2                            |    |    |   |   |   |   |   |    |    | 2     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | Eumida sanguinea              |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Phyllodocidae   | Phyllodocidae (LPIL)          | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | Harmothoe imbricata           |                              | 3  | 1  |   |   |   |   |   |    |    | 4     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Polynoidae      | Lepidonotus sublevis          | 4                            |    |    |   |   |   |   |   |    |    | 4     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)           |                              | 3  |    |   |   |   |   |   |    |    | 3     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)              |                              | 3  |    |   |   |   |   |   |    |    | 3     |
| 057        | Annelida        | Polychaeta   | Phyllodocida    | Syllidae        | Grubeosyllis clavata          |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Capitellidae (LPIL)           | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)            | 16                           | 75 | 30 |   |   |   |   |   |    |    | 121   |
| 057        | Annelida        | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)             |                              | 2  | 2  |   |   |   |   |   |    |    | 4     |
| 057        | Annelida        | Polychaeta   | Scolecida       | Maldanidae      | Sabaco elongatus              | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)               | 1                            | 2  | 2  |   |   |   |   |   |    |    | 5     |
| 057        | Annelida        | Polychaeta   | Spionida        | Chaetopteridae  | Spiochaetopterus oculatus     |                              |    | 1  |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Spionida        | Spionidae       | Polydora cornuta              |                              | 6  |    |   |   |   |   |   |    |    | 6     |
| 057        | Annelida        | Polychaeta   | Spionida        | Spionidae       | Spiophanes bombyx             | 2                            | 1  | 4  |   |   |   |   |   |    |    | 7     |
| 057        | Annelida        | Polychaeta   | Spionida        | Spionidae       | Streblospio benedicti         | 38                           | 49 | 34 |   |   |   |   |   |    |    | 121   |
| 057        | Annelida        | Polychaeta   | Terebellida     | Ampharetidae    | Ampharete finmarchica         | 1                            | 1  |    |   |   |   |   |   |    |    | 2     |
| 057        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)           | 8                            | 1  | 5  |   |   |   |   |   |    |    | 14    |
| 057        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | Kirkegaardia dorsobranchialis |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Terebellida     | Cirratulidae    | Tharyx acutus                 | 5                            | 62 | 3  |   |   |   |   |   |    |    | 70    |
| 057        | Annelida        | Polychaeta   | Terebellida     | Pectinariidae   | Pectinaria gouldi             |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Annelida        | Polychaeta   | Terebellida     | Sabellariidae   | Sabellaria vulgaris           | 1                            | 3  |    |   |   |   |   |   |    |    | 4     |
| 057        | Annelida        | Polychaeta   | Terebellida     | Terebellidae    | Polycirrus eximius            |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Aeginellidae    | Deutella incerta              |                              | 6  |    |   |   |   |   |   |    |    | 6     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Ampeliscidae    | Ampelisca vadorum             |                              |    | 1  |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | Unciola dissimilis            |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Aoridae         | Unciola irrorata              | 2                            |    | 4  |   |   |   |   |   |    |    | 6     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)            |                              | 6  |    |   |   |   |   |   |    |    | 6     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)          | 7                            | 8  |    |   |   |   |   |   |    |    | 15    |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Isaeidae        | Isaeidae (LPIL)               |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Ischyroceridae  | Ericthonius brasiliensis      | 1                            | 2  |    |   |   |   |   |   |    |    | 3     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Lysianassidae   | Lysianopsis alba              |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Melitidae       | Elasmopus levis               | 1                            | 5  |    |   |   |   |   |   |    |    | 6     |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Phoxocephalidae | Eobrolgus spinosus            | 4                            | 7  | 1  |   |   |   |   |   |    |    | 12    |
| 057        | Arthropoda      | Malacostraca | Amphipoda       | Stenothoidae    | Parametopella cypris          |                              | 2  |    |   |   |   |   |   |    |    | 2     |
| 057        | Arthropoda      | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                |                              | 2  |    |   |   |   |   |   |    |    | 2     |
| 057        | Arthropoda      | Malacostraca | Decapoda        | Pisidae         | Libinia dubia                 |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Decapoda        | Xanthidae       | Rhithropanopeus harrisi       |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Arthropoda      | Malacostraca | Decapoda        | Xanthidae       | Xanthidae (LPIL)              | 1                            | 4  |    |   |   |   |   |   |    |    | 5     |
| 057        | Arthropoda      | Malacostraca | Isopoda         | Anthuridae      | Mesanthura (LPIL)             |                              | 1  | 1  |   |   |   |   |   |    |    | 2     |
| 057        | Arthropoda      | Malacostraca | Isopoda         | Stenetriidae    | Stenetriidae (LPIL)           |                              | 3  |    |   |   |   |   |   |    |    | 3     |
| 057        | Arthropoda      | Malacostraca | Mysida          | Mysidae         | Heteromysis formosa           |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Echinodermata   | Ophiuroidea  | Ophiurida       | Amphiuridae     | Amphiuridae (LPIL)            |                              | 2  |    |   |   |   |   |   |    |    | 2     |
| 057        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)              | 3                            | 1  | 1  |   |   |   |   |   |    |    | 5     |
| 057        | Mollusca        | Bivalvia     | Mytiloida       | Mytilidae       | Mytilus edulis                |                              | 3  |    |   |   |   |   |   |    |    | 3     |
| 057        | Mollusca        | Bivalvia     | Nuculida        | Nuculidae       | Nucula proxima                | 2                            |    |    |   |   |   |   |   |    |    | 2     |
| 057        | Mollusca        | Bivalvia     | Pholadomyoida   | Lyonsiidae      | Lyonsia hyalina               | 1                            | 2  |    |   |   |   |   |   |    |    | 3     |
| 057        | Mollusca        | Bivalvia     | Pholadomyoida   | Pandoridae      | Pandora gouldiana             |                              |    | 1  |   |   |   |   |   |    |    | 1     |
| 057        | Mollusca        | Bivalvia     | Venerida        | Veneridae       | Mercenaria mercenaria         | 2                            |    |    |   |   |   |   |   |    |    | 2     |
| 057        | Mollusca        | Bivalvia     | Veneroida       | Solenidae       | Ensis directus                | 1                            | 4  | 1  |   |   |   |   |   |    |    | 6     |
| 057        | Mollusca        | Bivalvia     | Veneroida       | Tellinidae      | Angulus versicolor            | 3                            | 2  | 6  |   |   |   |   |   |    |    | 11    |
| 057        | Mollusca        | Gastropoda   | Heterostroph    | Pyramidellidae  | Odostomia (LPIL)              |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 057        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptidae      | Crepidula (LPIL)              | 3                            | 5  | 6  |   |   |   |   |   |    |    | 14    |
| 057        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptidae      | Crepidula fornicata           | 21                           | 38 |    |   |   |   |   |   |    |    | 59    |
| 057        | Mollusca        | Gastropoda   | Littorinimorpha | Calyptidae      | Crepidula plana               | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 057        | Mollusca        | Gastropoda   | Neogastropoda   | Columbellidae   | Cotonopsis lafresnayi         | 1                            | 14 |    |   |   |   |   |   |    |    | 15    |
| 057        | Mollusca        | Gastropoda   | Neogastropoda   | Nassariidae     | Tritia trivittata             | 2                            | 1  | 2  |   |   |   |   |   |    |    | 5     |
| 057        | Nemertea        | Anopla       | Paleonemertea   | Tubulanidae     | Tubulanus sp. A               |                              | 3  |    |   |   |   |   |   |    |    | 3     |
| 057        | Platyhelminthes |              |                 |                 | Platyhelminthes (LPIL)        |                              | 1  |    |   |   |   |   |   |    |    | 1     |
| 059        | Annelida        | Clitellata   | Enchytraeida    | Enchytraeidae   | Enchytraeidae (LPIL)          | 1                            |    |    |   |   |   |   |   |    |    | 1     |
| 059        | Annelida        | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)               | 10                           |    |    |   |   |   |   |   | 8  | 16 | 34    |
| 059        | Annelida        | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)            | 37                           |    |    |   |   |   |   |   | 36 | 29 | 102   |
| 059        | Annelida        | Polychaeta   | Eunicida        | Dorvilleidae    | Pettiboneia duofurca          | 9                            |    |    |   |   |   |   |   | 4  | 6  | 19    |



| Station ID | Phylum     | Class        | Order           | Family          | Taxa                                 | Station Replicates Count (n) |   |   |   |   |   |   |   |    |    | Total |
|------------|------------|--------------|-----------------|-----------------|--------------------------------------|------------------------------|---|---|---|---|---|---|---|----|----|-------|
|            |            |              |                 |                 |                                      | A                            | B | C | D | E | F | G | H | I  | J  |       |
| 059        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Protodorvillea kefersteini</i>    | 1                            |   |   |   |   |   |   |   | 4  |    | 5     |
| 059        | Annelida   | Polychaeta   | Eunicida        | Oenonidae       | <i>Drilonereis longa</i>             |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Microphthalmus aberrans</i>       |                              |   |   |   |   |   |   |   | 3  | 8  | 11    |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>             | 1                            |   |   |   |   |   |   |   |    | 2  | 3     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | Glyceridae (LPIL)                    |                              |   |   |   |   |   |   |   | 1  |    | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | Microphthalmus (LPIL)                | 7                            |   |   |   |   |   |   |   |    |    | 7     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>                 | 3                            |   |   |   |   |   |   |   | 1  | 2  | 6     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                    |                              |   |   |   |   |   |   |   | 2  | 1  | 3     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>           | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Lepidonotus sublevis</i>          | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | Polynoidae (LPIL)                    |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                     |                              |   |   |   |   |   |   |   | 1  | 1  | 2     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis longicirrata</i>  |                              |   |   |   |   |   |   |   | 1  |    | 1     |
| 059        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis uebelackerae</i>  | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Annelida   | Polychaeta   | Sabellida       | Serpulidae      | <i>Hydroides dianthus</i>            | 1                            |   |   |   |   |   |   |   | 2  |    | 3     |
| 059        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Capitellidae (LPIL)                  | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>       |                              |   |   |   |   |   |   |   | 12 | 3  | 15    |
| 059        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                   |                              |   |   |   |   |   |   |   | 3  |    | 3     |
| 059        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                    | 1                            |   |   |   |   |   |   |   | 7  | 1  | 9     |
| 059        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>           | 1                            |   |   |   |   |   |   |   |    | 3  | 4     |
| 059        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>              |                              |   |   |   |   |   |   |   | 1  |    | 1     |
| 059        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spio setosa</i>                   | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>             | 3                            |   |   |   |   |   |   |   | 3  | 3  | 9     |
| 059        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Caulieriella sp. J</i>            | 11                           |   |   |   |   |   |   |   | 5  | 6  | 22    |
| 059        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                  | 9                            |   |   |   |   |   |   |   | 1  | 15 | 25    |
| 059        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                 | 18                           |   |   |   |   |   |   |   | 26 | 9  | 53    |
| 059        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>           | 6                            |   |   |   |   |   |   |   | 1  |    | 7     |
| 059        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>            | 4                            |   |   |   |   |   |   |   | 5  | 1  | 10    |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Aeginellidae    | <i>Deutella incerta</i>              |                              |   |   |   |   |   |   |   |    | 5  | 5     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | Unciola (LPIL)                       | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Bateidae        | Bateidae (LPIL)                      |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)                   | 2                            |   |   |   |   |   |   |   |    |    | 2     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)                 | 2                            |   |   |   |   |   |   |   |    |    | 2     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>              | 3                            |   |   |   |   |   |   |   |    | 6  | 9     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>            | 19                           |   |   |   |   |   |   |   | 3  | 23 | 45    |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Metopella angusta</i>             | 3                            |   |   |   |   |   |   |   |    |    | 3     |
| 059        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Parametopella cypris</i>          |                              |   |   |   |   |   |   |   |    | 2  | 2     |
| 059        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                       | 2                            |   |   |   |   |   |   |   |    | 2  | 4     |
| 059        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus acadianus</i>             |                              |   |   |   |   |   |   |   |    | 2  | 2     |
| 059        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | <i>Pagurus pollicaris</i>            |                              |   |   |   |   |   |   |   | 1  |    | 1     |
| 059        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>             |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | Mesanthura (LPIL)                    |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Mollusca   | Bivalvia     |                 |                 | Bivalvia (LPIL)                      |                              |   |   |   |   |   |   |   |    | 1  | 1     |
| 059        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                     | 18                           |   |   |   |   |   |   |   | 7  | 13 | 38    |
| 059        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>               |                              |   |   |   |   |   |   |   |    | 2  | 2     |
| 059        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>           | 2                            |   |   |   |   |   |   |   | 1  | 3  | 6     |
| 059        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>                | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 059        | Mollusca   | Gastropoda   |                 |                 | Gastropoda (LPIL)                    |                              |   |   |   |   |   |   |   | 1  | 1  | 2     |
| 059        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptaeidae    | Crepidula (LPIL)                     | 2                            |   |   |   |   |   |   |   |    | 1  | 3     |
| 059        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>           | 3                            |   |   |   |   |   |   |   | 13 | 3  | 19    |
| 059        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula plana</i>               | 1                            |   |   |   |   |   |   |   | 31 |    | 32    |
| 059        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>         |                              |   |   |   |   |   |   |   | 3  |    | 3     |
| 059        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>             | 1                            |   |   |   |   |   |   |   | 1  |    | 2     |
| 059        | Sipuncula  |              |                 |                 | Sipuncula (LPIL)                     | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                      |                              | 1 |   | 2 |   |   |   |   |    |    | 3     |
| 061        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                   |                              | 2 |   | 4 |   |   |   |   |    |    | 6     |
| 061        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | Leitoscoloplos (LPIL)                |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | Nephtyidae (LPIL)                    |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>                 | 1                            |   |   | 1 |   |   |   |   |    |    | 2     |
| 061        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                      | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea suecica</i>              |                              | 1 |   | 2 |   |   |   |   |    |    | 3     |
| 061        | Annelida   | Polychaeta   | Spionida        | Magelonidae     | <i>Magelona papillicornis</i>        | 2                            |   |   | 2 |   |   |   |   |    |    | 4     |
| 061        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Dispio uncinata</i>               |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Spionidae (LPIL)                     | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>             | 2                            |   |   |   |   |   |   |   |    |    | 2     |
| 061        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Caulieriella sp. J</i>            | 5                            | 1 |   | 2 |   |   |   |   |    |    | 8     |
| 061        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                  |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                 | 1                            |   |   | 1 |   |   |   |   |    |    | 2     |
| 061        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Pseudunciola obliquua</i>         | 1                            |   |   |   |   |   |   |   |    |    | 1     |
| 061        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              | 1 |   | 1 |   |   |   |   |    |    | 2     |
| 061        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Protohaustorius wigleyi</i>       |                              | 6 |   | 1 |   |   |   |   |    |    | 7     |
| 061        | Arthropoda | Malacostraca | Amphipoda       | Oedicerotidae   | <i>Americhelidium americanum</i>     |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 1                            | 2 |   |   |   |   |   |   |    |    | 3     |
| 061        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae    | <i>Tanaissus psammophilus</i>        | 1                            | 1 |   |   |   |   |   |   |    |    | 2     |
| 061        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>           |                              |   |   | 1 |   |   |   |   |    |    | 1     |
| 061        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>                | 1                            |   |   | 2 |   |   |   |   |    |    | 3     |
| 061        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | <i>Angulus versicolor</i>            | 3                            |   |   | 7 |   |   |   |   |    |    | 10    |

| Station ID | Phylum     | Class        | Order           | Family          | Taxa                                 | Station Replicates Count (n) |   |   |    |    |     |     |   |   |   | Total |
|------------|------------|--------------|-----------------|-----------------|--------------------------------------|------------------------------|---|---|----|----|-----|-----|---|---|---|-------|
|            |            |              |                 |                 |                                      | A                            | B | C | D  | E  | F   | G   | H | I | J |       |
| 061        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>             | 1                            |   |   |    |    |     |     |   |   |   | 1     |
| 061        | Nemertea   |              |                 |                 | Nemertea (LPIL)                      |                              |   |   | 1  |    |     |     |   |   |   | 1     |
| 063        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae   | Enchytraeidae (LPIL)                 |                              |   |   | 1  |    |     |     |   |   |   | 1     |
| 063        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                      |                              | 4 |   |    |    |     |     | 4 |   |   | 8     |
| 063        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                   |                              | 9 |   | 6  |    |     |     | 4 |   |   | 19    |
| 063        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>               |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Microphthalmus aberrans</i>       |                              |   |   | 1  |    |     |     | 2 |   |   | 3     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | Microphthalmus (LPIL)                |                              | 5 |   |    |    |     |     |   |   |   | 5     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>                 |                              | 3 |   | 1  |    |     |     | 5 |   |   | 9     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sigalion arenicola</i>            |                              |   |   | 1  |    |     |     |   |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | Sigalionidae (LPIL)                  |                              | 1 |   |    |    |     |     |   |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                     |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                      |                              |   |   | 3  |    |     |     |   |   |   | 3     |
| 063        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea suecica</i>              |                              | 3 |   |    |    |     |     |   |   |   | 3     |
| 063        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Paraonidae (LPIL)                    |                              | 5 |   | 1  |    |     |     |   |   |   | 6     |
| 063        | Annelida   | Polychaeta   | Scolecida       | Travisiidae     | <i>Travisia parva</i>                |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Dispio uncinata</i>               |                              | 1 |   |    |    |     |     |   |   |   | 1     |
| 063        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>             |                              | 1 |   | 2  |    |     |     | 2 |   |   | 5     |
| 063        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Cauleriella sp. J</i>             |                              | 8 |   |    |    |     |     |   |   |   | 8     |
| 063        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                 |                              |   |   | 3  |    |     |     |   |   |   | 3     |
| 063        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Pseudunciola obliquua</i>         |                              | 2 |   |    |    |     |     |   |   |   | 2     |
| 063        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              |   |   | 1  |    |     |     | 1 |   |   | 2     |
| 063        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Protohaustorius wigleyi</i>       |                              | 1 |   | 7  |    |     |     |   |   |   | 8     |
| 063        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           |                              | 8 |   | 12 |    |     |     | 5 |   |   | 25    |
| 063        | Arthropoda | Malacostraca | Amphipoda       | Pontoporeiidae  | <i>Bathyporeia parkeri</i>           |                              |   |   |    |    |     |     | 5 |   |   | 5     |
| 063        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                       |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Arthropoda | Malacostraca | Isopoda         | Chaetiliidae    | Chiridotea (LPIL)                    |                              | 1 |   |    |    |     |     |   |   |   | 1     |
| 063        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae    | <i>Tanaissus psammophilus</i>        |                              |   |   | 2  |    |     |     | 1 |   |   | 3     |
| 063        | Mollusca   | Bivalvia     | Pholadomyoidea  | Pandoridae      | <i>Pandora gouldiana</i>             |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Mollusca   | Bivalvia     | Veneroidea      | Mactridae       | <i>Spisula solidissima</i>           |                              |   |   | 1  |    |     |     | 1 |   |   | 2     |
| 063        | Mollusca   | Bivalvia     | Veneroidea      | Tellinidae      | <i>Angulus versicolor</i>            |                              | 3 |   |    |    |     |     | 2 |   |   | 5     |
| 063        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptaeidae    | Crepidula (LPIL)                     |                              | 1 |   |    |    |     |     |   |   |   | 1     |
| 063        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptaeidae    | <i>Crepidula fornicata</i>           |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 063        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>             |                              |   |   | 2  |    |     |     | 1 |   |   | 3     |
| 063        | Nemertea   |              |                 |                 | Nemertea (LPIL)                      |                              |   |   |    |    |     |     | 1 |   |   | 1     |
| 065        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae   | Enchytraeidae (LPIL)                 |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                      |                              |   |   |    | 7  |     | 12  |   |   |   | 19    |
| 065        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                   |                              |   |   |    | 20 | 14  | 59  |   |   |   | 93    |
| 065        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Pettiboneia duofurca</i>          |                              |   |   |    |    | 3   |     |   |   |   | 3     |
| 065        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Protodorvillea kefersteini</i>    |                              |   |   |    | 1  |     | 2   |   |   |   | 3     |
| 065        | Annelida   | Polychaeta   | Eunicida        | Oeonidae        | <i>Drilonereis longa</i>             |                              |   |   |    |    |     | 2   |   |   |   | 2     |
| 065        | Annelida   | Polychaeta   | Eunicida        | Onuphidae       | <i>Diopatra cuprea</i>               |                              |   |   |    |    |     | 1   |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Flabelligerida  | Flabelligeridae | <i>Pherusa affinis</i>               |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Microphthalmus aberrans</i>       |                              |   |   |    | 2  | 1   |     |   |   |   | 3     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>             |                              |   |   |    |    |     | 2   |   |   |   | 2     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Goniadidae      | <i>Goniada littorea</i>              |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Nephtyidae      | <i>Nephtys picta</i>                 |                              |   |   |    | 2  | 1   | 1   |   |   |   | 4     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                    |                              |   |   |    | 1  |     | 1   |   |   |   | 2     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>              |                              |   |   |    | 3  |     | 1   |   |   |   | 4     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Pisionidae      | <i>Pisone remota</i>                 |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>           |                              |   |   |    | 5  | 1   |     |   |   |   | 6     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Autolytus (LPIL)                     |                              |   |   |    | 2  | 6   |     |   |   |   | 8     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis longicirrata</i>  |                              |   |   |    | 2  |     |     |   |   |   | 2     |
| 065        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                      |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Sabellida       | Sabellidae      | <i>Parasabella microphthalma</i>     |                              |   |   |    | 3  |     | 1   |   |   |   | 4     |
| 065        | Annelida   | Polychaeta   | Sabellida       | Serpulidae      | <i>Hydroides dianthus</i>            |                              |   |   |    |    |     | 1   |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Heteromastus filiformis</i>       |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                   |                              |   |   |    | 1  | 2   | 3   |   |   |   | 6     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | <i>Axiiothella mucosa</i>            |                              |   |   |    |    | 1   |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Maldanidae      | Maldanidae (LPIL)                    |                              |   |   |    | 3  | 2   | 1   |   |   |   | 6     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)                      |                              |   |   |    |    |     | 1   |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | <i>Aricidea catherinae</i>           |                              |   |   |    |    | 2   |     |   |   |   | 2     |
| 065        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>              |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spio setosa</i>                   |                              |   |   |    |    |     | 1   |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Spiophanes bombyx</i>             |                              |   |   |    | 2  | 1   | 2   |   |   |   | 5     |
| 065        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Streblospio benedicti</i>         |                              |   |   |    | 1  |     | 2   |   |   |   | 3     |
| 065        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharetidae (LPIL)                  |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Cauleriella sp. J</i>             |                              |   |   |    |    | 2   | 2   |   |   |   | 4     |
| 065        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Cirratulidae (LPIL)                  |                              |   |   |    | 20 |     |     |   |   |   | 20    |
| 065        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | <i>Tharyx acutus</i>                 |                              |   |   |    | 4  | 306 | 138 |   |   |   | 448   |
| 065        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae   | <i>Sabellaria vulgaris</i>           |                              |   |   |    | 1  | 5   | 5   |   |   |   | 11    |
| 065        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>            |                              |   |   |    | 19 | 4   | 2   |   |   |   | 25    |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Ampithoidae     | <i>Cymadusa compta</i>               |                              |   |   |    | 2  |     |     |   |   |   | 2     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | <i>Unciola dissimilis</i>            |                              |   |   |    | 1  | 4   |     |   |   |   | 5     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Bateidae        | <i>Batea catharinensis</i>           |                              |   |   |    | 1  |     |     |   |   |   | 1     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae     | Caprellidae (LPIL)                   |                              |   |   |    | 2  | 3   |     |   |   |   | 5     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              |   |   |    | 1  |     |     |   |   |   | 1     |



| Station ID | Phylum     | Class        | Order           | Family          | Taxa                                 | Station Replicates Count (n) |    |    |   |    |   |    |    |   |   | Total |
|------------|------------|--------------|-----------------|-----------------|--------------------------------------|------------------------------|----|----|---|----|---|----|----|---|---|-------|
|            |            |              |                 |                 |                                      | A                            | B  | C  | D | E  | F | G  | H  | I | J |       |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae  | <i>Erichthonius brasiliensis</i>     |                              |    |    |   | 1  |   |    |    |   |   | 1     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Lysianassidae   | <i>Lysianopsis alba</i>              |                              |    |    |   | 1  |   |    |    |   |   | 1     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Melitidae       | <i>Elasmopus levis</i>               |                              |    |    |   |    |   | 2  |    |   |   | 2     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>            |                              |    |    |   | 5  | 5 | 10 |    |   |   | 20    |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Parametopella cypris</i>          |                              |    |    |   | 1  | 5 |    |    |   |   | 6     |
| 065        | Arthropoda | Malacostraca | Amphipoda       | Stenothoidae    | <i>Stenothoe minuta</i>              |                              |    |    |   |    | 1 |    |    |   |   | 1     |
| 065        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)                       |                              |    |    |   | 1  | 3 | 1  |    |   |   | 5     |
| 065        | Arthropoda | Malacostraca | Decapoda        | Pisidae         | <i>Libinia dubia</i>                 |                              |    |    |   | 1  |   | 1  |    |   |   | 2     |
| 065        | Arthropoda | Malacostraca | Decapoda        | Xanthidae       | <i>Panopeus herbstii</i>             |                              |    |    |   | 1  | 2 | 2  |    |   |   | 5     |
| 065        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | <i>Cyathura polita</i>               |                              |    |    |   |    | 3 |    |    |   |   | 3     |
| 065        | Mollusca   | Bivalvia     | Myoida          | Corbulidae      | <i>Corbula contracta</i>             |                              |    |    |   |    | 1 |    |    |   |   | 1     |
| 065        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | Mytilidae (LPIL)                     |                              |    |    |   | 8  |   | 1  |    |   |   | 9     |
| 065        | Mollusca   | Bivalvia     | Pholadomyoida   | Lyonsiidae      | <i>Lyonsia hyalina</i>               |                              |    |    |   |    | 1 | 1  |    |   |   | 2     |
| 065        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>           |                              |    |    |   | 1  |   |    |    |   |   | 1     |
| 065        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | <i>Ensis directus</i>                |                              |    |    |   |    |   | 1  |    |   |   | 1     |
| 065        | Mollusca   | Gastropoda   |                 |                 | Gastropoda (LPIL)                    |                              |    |    |   | 1  |   |    |    |   |   | 1     |
| 065        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | Crepidula (LPIL)                     |                              |    |    |   |    | 1 |    |    |   |   | 1     |
| 065        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>           |                              |    |    |   | 2  | 5 | 5  |    |   |   | 12    |
| 065        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula plana</i>               |                              |    |    |   | 1  | 1 | 1  |    |   |   | 3     |
| 065        | Mollusca   | Gastropoda   | Neogastropoda   | Columbellidae   | <i>Cotonopsis lafresnayi</i>         |                              |    |    |   |    |   | 3  |    |   |   | 3     |
| 065        | Nemertea   |              |                 |                 | Nemertea (LPIL)                      |                              |    |    |   |    | 2 |    |    |   |   | 2     |
| 067        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae   | Enchytraeidae (LPIL)                 |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 067        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>               |                              | 1  | 1  |   |    |   |    |    |   |   | 2     |
| 067        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sigalion arenicola</i>            | 1                            | 1  |    |   |    |   |    |    |   |   | 2     |
| 067        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)                   | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 067        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Dispio uncinata</i>               | 6                            |    | 1  |   |    |   |    |    |   |   | 7     |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Acanthohaustorius intermedius</i> | 7                            | 14 | 10 |   |    |   |    |    |   |   | 31    |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 5                            | 2  | 1  |   |    |   |    |    |   |   | 8     |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Eobrolgus spinosus</i>            | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 3                            | 8  | 2  |   |    |   |    |    |   |   | 13    |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Pontoporeiidae  | <i>Bathyporeia parkeri</i>           |                              |    | 3  |   |    |   |    |    |   |   | 3     |
| 067        | Arthropoda | Malacostraca | Amphipoda       | Pontoporeiidae  | <i>Bathyporeia quoddyensis</i>       | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 067        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae    | <i>Tanaissus psammophilus</i>        | 1                            | 2  | 2  |   |    |   |    |    |   |   | 5     |
| 067        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>           | 3                            |    |    |   |    |   |    |    |   |   | 3     |
| 067        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>             | 3                            | 2  |    |   |    |   |    |    |   |   | 5     |
| 067        | Nemertea   |              |                 |                 | Nemertea (LPIL)                      |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                      |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                   |                              | 4  |    | 1 |    |   |    |    |   |   | 5     |
| 069        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>               |                              |    |    | 1 |    |   |    |    |   |   | 1     |
| 069        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                    |                              | 90 |    |   |    |   |    |    |   |   | 90    |
| 069        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae    | <i>Sigalion arenicola</i>            | 1                            | 1  |    |   |    |   |    |    |   |   | 2     |
| 069        | Annelida   | Polychaeta   | Spionida        | Spionidae       | <i>Polydora cornuta</i>              |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Spionidae (LPIL)                     | 2                            |    |    |   |    |   |    |    |   |   | 2     |
| 069        | Annelida   | Polychaeta   | Terebellida     | Terebellidae    | <i>Polycirrus eximius</i>            |                              | 2  |    |   |    |   |    |    |   |   | 2     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae     | Monocorophium (LPIL)                 |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Acanthohaustorius intermedius</i> | 7                            | 4  |    |   |    |   |    |    |   |   | 11    |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Parahaustorius holmesi</i>        | 2                            | 1  |    |   |    |   |    |    |   |   | 3     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 4                            | 3  |    |   |    |   |    |    |   |   | 7     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Oedicerotidae   | <i>Americhelidium americanum</i>     | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 4                            | 2  |    |   |    |   |    |    |   |   | 6     |
| 069        | Arthropoda | Malacostraca | Amphipoda       | Pontoporeiidae  | <i>Bathyporeia parkeri</i>           | 2                            | 1  |    | 1 |    |   |    |    |   |   | 4     |
| 069        | Arthropoda | Malacostraca | Decapoda        | Portunidae      | <i>Ovalipes ocellatus</i>            |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae    | <i>Tanaissus psammophilus</i>        | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 069        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae       | <i>Mytilus edulis</i>                |                              | 4  |    |   |    |   |    |    |   |   | 4     |
| 069        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | <i>Spisula solidissima</i>           |                              | 1  |    |   |    |   |    |    |   |   | 1     |
| 069        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | <i>Crepidula fornicata</i>           |                              | 4  |    |   |    |   |    |    |   |   | 4     |
| 069        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae     | <i>Tritia trivittata</i>             | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 069        | Nemertea   |              |                 |                 | Nemertea (LPIL)                      | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 071        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae   | Enchytraeidae (LPIL)                 | 1                            |    |    |   | 1  |   |    |    |   |   | 2     |
| 071        | Annelida   | Clitellata   | Tubificida      | Naididae        | Naididae (LPIL)                      | 2                            |    |    |   |    |   |    | 10 |   |   | 12    |
| 071        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae   | Polygordius (LPIL)                   | 70                           |    |    |   | 41 |   |    | 19 |   |   | 130   |
| 071        | Annelida   | Polychaeta   | Eunicida        | Dorvilleidae    | <i>Protodurvillea kefersteini</i>    |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | Leitoscoloplos (LPIL)                | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Orbiniida       | Orbiniidae      | <i>Scoloplos rubra</i>               | 1                            |    |    |   |    |   |    |    |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Microphthalmus aberrans</i>       | 2                            |    |    |   |    |   |    |    |   |   | 2     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae      | <i>Glycera americana</i>             |                              |    |    |   | 1  |   |    |    |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae      | <i>Podarke obscura</i>               |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | <i>Laeonereis culveri</i>            |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | Nereididae (LPIL)                    | 1                            |    |    |   | 5  |   |    | 3  |   |   | 9     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae      | <i>Nereis succinea</i>               |                              |    |    |   |    |   |    | 2  |   |   | 2     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae   | <i>Eumida sanguinea</i>              |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Polynoidae      | <i>Harmothoe imbricata</i>           |                              |    |    |   |    |   |    | 9  |   |   | 9     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis longicirrata</i>  |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | <i>Parapionosyllis uebelackerae</i>  |                              |    |    |   | 2  |   |    |    |   |   | 2     |
| 071        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae        | Syllidae (LPIL)                      |                              |    |    |   |    |   |    | 3  |   |   | 3     |
| 071        | Annelida   | Polychaeta   | Sabellida       | Sabellidae      | Sabellidae (LPIL)                    |                              |    |    |   |    |   |    | 1  |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | <i>Capitella capitata</i>            |                              |    |    |   |    |   |    | 8  |   |   | 8     |



| Station ID | Phylum     | Class        | Order           | Family             | Taxa                                | Station Replicates Count (n) |    |    |   |    |   |   |     |   |   | Total |
|------------|------------|--------------|-----------------|--------------------|-------------------------------------|------------------------------|----|----|---|----|---|---|-----|---|---|-------|
|            |            |              |                 |                    |                                     | A                            | B  | C  | D | E  | F | G | H   | I | J |       |
| 071        | Annelida   | Polychaeta   | Scolecida       | Capitellidae       | <i>Capitella jonesi</i>             | 3                            |    |    |   |    |   |   |     |   |   | 3     |
| 071        | Annelida   | Polychaeta   | Scolecida       | Capitellidae       | <i>Mediomastus</i> (LPIL)           |                              |    |    |   |    |   |   | 2   |   |   | 2     |
| 071        | Annelida   | Polychaeta   | Spionida        | Spionidae          | <i>Polydora cornuta</i>             |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Spionida        | Spionidae          | <i>Spiophanes bombyx</i>            | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae       | <i>Ampharetidae</i> (LPIL)          |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae       | <i>Cirratulidae</i> (LPIL)          | 1                            |    |    |   | 3  |   |   | 12  |   |   | 16    |
| 071        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae       | <i>Tharyx acutus</i>                |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Terebellida     | Sabellariidae      | <i>Sabellaria vulgaris</i>          |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Annelida   | Polychaeta   | Terebellida     | Terebellidae       | <i>Polycirrus eximius</i>           |                              |    |    |   | 2  |   |   | 19  |   |   | 21    |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Bateidae           | <i>Bateidae</i> (LPIL)              |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Caprellidae        | <i>Caprellidae</i> (LPIL)           |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Corophiidae        | <i>Monocorophium</i> (LPIL)         |                              |    |    |   | 1  |   |   | 1   |   |   | 2     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Isaeidae           | <i>Isaeidae</i> (LPIL)              |                              |    |    |   | 1  |   |   | 4   |   |   | 5     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Ischyroceridae     | <i>Ericthonius brasiliensis</i>     |                              |    |    |   |    |   |   | 2   |   |   | 2     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Melitidae          | <i>Elasmopus levis</i>              |                              |    |    |   | 15 |   |   | 5   |   |   | 20    |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae    | <i>Eobrolgus spinosus</i>           |                              |    |    |   |    |   |   | 2   |   |   | 2     |
| 071        | Arthropoda | Malacostraca | Amphipoda       | Pontoporeiidae     | <i>Bathyporeia parkeri</i>          | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 071        | Arthropoda | Malacostraca | Decapoda        | Cancridae          | <i>Cancer irroratus</i>             | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 071        | Arthropoda | Malacostraca | Decapoda        | Paguridae          | <i>Pagurus</i> (LPIL)               |                              |    |    |   | 1  |   |   | 1   |   |   | 2     |
| 071        | Arthropoda | Malacostraca | Decapoda        | Xanthidae          | <i>Panopeus herbstii</i>            |                              |    |    |   |    |   |   | 3   |   |   | 3     |
| 071        | Arthropoda | Malacostraca | Isopoda         | Stenetriidae       | <i>Stenetriidae</i> (LPIL)          |                              |    |    |   | 1  |   |   | 8   |   |   | 9     |
| 071        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae          | <i>Mytilus edulis</i>               | 3                            |    |    |   | 40 |   |   | 292 |   |   | 335   |
| 071        | Mollusca   | Bivalvia     | Veneroida       | Mactridae          | <i>Spisula solidissima</i>          | 3                            |    |    |   |    |   |   | 1   |   |   | 4     |
| 071        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula</i> (LPIL)             |                              |    |    |   |    |   |   | 1   |   |   | 1     |
| 071        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula fornicata</i>          | 1                            |    |    |   | 4  |   |   | 25  |   |   | 30    |
| 071        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula plana</i>              | 2                            |    |    |   |    |   |   | 2   |   |   | 4     |
| 071        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae        | <i>Tritia trivittata</i>            | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 071        | Nemertea   | Anopla       | Paleonemertea   | Tubulanidae        | <i>Tubulanus sp. A</i>              |                              |    |    |   |    |   |   | 2   |   |   | 2     |
| 073        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae      | <i>Enchytraeidae</i> (LPIL)         | 1                            |    | 13 |   |    |   |   |     |   |   | 14    |
| 073        | Annelida   | Clitellata   | Tubificida      | Naididae           | <i>Naididae</i> (LPIL)              | 15                           | 69 | 77 |   |    |   |   |     |   |   | 161   |
| 073        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae      | <i>Polygordius</i> (LPIL)           | 4                            |    |    |   |    |   |   |     |   |   | 4     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae         | <i>Glycera americana</i>            | 2                            |    |    |   |    |   |   |     |   |   | 2     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae         | <i>Glyceridae</i> (LPIL)            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Goniadidae         | <i>Goniadella gracilis</i>          |                              | 1  | 1  |   |    |   |   |     |   |   | 2     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Hesionidae         | <i>Microphthalmus</i> (LPIL)        |                              | 1  | 1  |   |    |   |   |     |   |   | 2     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Nereididae         | <i>Nereididae</i> (LPIL)            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Pisionidae         | <i>Pisone remota</i>                | 1                            | 11 | 5  |   |    |   |   |     |   |   | 17    |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae           | <i>Parapionosyllis uebelackerae</i> |                              | 5  | 4  |   |    |   |   |     |   |   | 9     |
| 073        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae           | <i>Streptosyllis arenae</i>         |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Sabellida       | Sabellidae         | <i>Sabellidae</i> (LPIL)            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Scolecida       | Capitellidae       | <i>Capitella jonesi</i>             | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae       | <i>Cirratulidae</i> (LPIL)          |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 073        | Annelida   | Polychaeta   | Terebellida     | Terebellidae       | <i>Polycirrus eximius</i>           | 10                           | 54 | 7  |   |    |   |   |     |   |   | 71    |
| 073        | Arthropoda | Malacostraca | Isopoda         | Chaetiliidae       | <i>Chiridotea</i> (LPIL)            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 073        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae       | <i>Tanaissus psammophilus</i>       | 6                            | 8  | 7  |   |    |   |   |     |   |   | 21    |
| 073        | Chordata   | Leptocardii  | Amphioxiformes  | Branchiostomatidae | <i>Branchiostoma</i> (LPIL)         |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 073        | Mollusca   | Bivalvia     |                 |                    | <i>Bivalvia</i> (LPIL)              | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 073        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae          | <i>Mytilidae</i> (LPIL)             | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 073        | Mollusca   | Bivalvia     | Mytiloida       | Mytilidae          | <i>Mytilus edulis</i>               |                              |    | 32 |   |    |   |   |     |   |   | 32    |
| 073        | Mollusca   | Bivalvia     | Veneroida       | Mactridae          | <i>Spisula solidissima</i>          |                              | 3  | 3  |   |    |   |   |     |   |   | 6     |
| 073        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula fornicata</i>          |                              |    | 16 |   |    |   |   |     |   |   | 16    |
| 073        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula plana</i>              |                              |    | 3  |   |    |   |   |     |   |   | 3     |
| 073        | Nemertea   |              |                 |                    | <i>Nemertea</i> (LPIL)              | 4                            |    | 11 |   |    |   |   |     |   |   | 15    |
| 073        | Nemertea   | Enopla       | Hoplonemertea   | Amphiporidae       | <i>Amphiporidae</i> (LPIL)          |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae      | <i>Enchytraeidae</i> (LPIL)         | 8                            | 29 | 14 |   |    |   |   |     |   |   | 51    |
| 075        | Annelida   | Clitellata   | Tubificida      | Naididae           | <i>Naididae</i> (LPIL)              | 21                           | 48 | 35 |   |    |   |   |     |   |   | 104   |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae         | <i>Glyceridae</i> (LPIL)            | 1                            | 1  |    |   |    |   |   |     |   |   | 2     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Goniadidae         | <i>Goniada littorea</i>             |                              | 3  |    |   |    |   |   |     |   |   | 3     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Goniadidae         | <i>Goniada maculata</i>             | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Goniadidae         | <i>Goniadella gracilis</i>          |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae      | <i>Hesionura elongata</i>           |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Pisionidae         | <i>Pisone remota</i>                | 1                            |    |    |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Sigalionidae       | <i>Sigalion arenicola</i>           |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Phyllodocida    | Syllidae           | <i>Brania wellfleetensis</i>        | 3                            | 4  | 5  |   |    |   |   |     |   |   | 12    |
| 075        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae       | <i>Cirratulidae</i> (LPIL)          |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 075        | Annelida   | Polychaeta   | Terebellida     | Terebellidae       | <i>Polycirrus eximius</i>           | 5                            | 2  | 2  |   |    |   |   |     |   |   | 9     |
| 075        | Arthropoda | Malacostraca | Decapoda        | Paguridae          | <i>Pagurus</i> (LPIL)               |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 075        | Arthropoda | Malacostraca | Tanaidacea      | Nototaniadae       | <i>Tanaissus psammophilus</i>       | 4                            | 1  | 2  |   |    |   |   |     |   |   | 7     |
| 075        | Mollusca   | Bivalvia     | Veneroida       | Mactridae          | <i>Spisula solidissima</i>          | 1                            |    | 3  |   |    |   |   |     |   |   | 4     |
| 075        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae      | <i>Crepidula plana</i>              |                              |    | 4  |   |    |   |   |     |   |   | 4     |
| 075        | Mollusca   | Gastropoda   | Neogastropoda   | Nassariidae        | <i>Tritia trivittata</i>            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 077        | Annelida   | Clitellata   | Enchytraeida    | Enchytraeidae      | <i>Enchytraeidae</i> (LPIL)         | 1                            |    | 3  |   |    |   |   |     |   |   | 4     |
| 077        | Annelida   | Polychaeta   | Archannelida    | Polygordiidae      | <i>Polygordius</i> (LPIL)           |                              | 2  | 1  |   |    |   |   |     |   |   | 3     |
| 077        | Annelida   | Polychaeta   | Phyllodocida    | Glyceridae         | <i>Glyceridae</i> (LPIL)            |                              | 1  |    |   |    |   |   |     |   |   | 1     |
| 077        | Annelida   | Polychaeta   | Phyllodocida    | Phyllodocidae      | <i>Hesionura elongata</i>           | 2                            |    | 8  |   |    |   |   |     |   |   | 10    |
| 077        | Annelida   | Polychaeta   | Phyllodocida    | Pisionidae         | <i>Pisone remota</i>                |                              |    | 1  |   |    |   |   |     |   |   | 1     |
| 077        | Annelida   | Polychaeta   | Scolecida       | Travisiidae        | <i>Travisia parva</i>               |                              |    | 1  |   |    |   |   |     |   |   | 1     |

| Station ID | Phylum        | Class        | Order          | Family          | Taxa                                 | Station Replicates Count (n) |    |    |    |   |   |   |   |   |   |  | Total |
|------------|---------------|--------------|----------------|-----------------|--------------------------------------|------------------------------|----|----|----|---|---|---|---|---|---|--|-------|
|            |               |              |                |                 |                                      | A                            | B  | C  | D  | E | F | G | H | I | J |  |       |
| 077        | Arthropoda    | Malacostraca | Tanaidacea     | Nototaniadae    | <i>Tanaissus psammophilus</i>        | 1                            | 1  | 1  |    |   |   |   |   |   |   |  | 3     |
| 077        | Mollusca      | Bivalvia     |                |                 | Bivalvia (LPIL)                      | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 077        | Mollusca      | Bivalvia     | Veneroida      | Mactridae       | <i>Spisula solidissima</i>           | 3                            | 2  | 2  |    |   |   |   |   |   |   |  | 7     |
| 079        | Annelida      | Clitellata   | Enchytraeida   | Enchytraeidae   | Enchytraeidae (LPIL)                 | 12                           |    | 9  | 7  |   |   |   |   |   |   |  | 28    |
| 079        | Annelida      | Clitellata   | Tubificida     | Naididae        | Naididae (LPIL)                      | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Archannelida   | Polygordiidae   | Polygordius (LPIL)                   | 4                            |    | 18 | 18 |   |   |   |   |   |   |  | 40    |
| 079        | Annelida      | Polychaeta   | Eunicida       | Dorvilleidae    | Dorvilleidae (LPIL)                  | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Opheliida      | Opheliidae      | <i>Ophelia denticulata</i>           | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Phyllodocida   | Glyceridae      | <i>Glycera americana</i>             | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Phyllodocida   | Phyllodocidae   | <i>Hesionura elongata</i>            | 1                            |    | 1  |    |   |   |   |   |   |   |  | 2     |
| 079        | Annelida      | Polychaeta   | Phyllodocida   | Sigalionidae    | <i>Sigalion arenicola</i>            | 2                            |    |    | 1  |   |   |   |   |   |   |  | 3     |
| 079        | Annelida      | Polychaeta   | Phyllodocida   | Syllidae        | <i>Brania wellfleetensis</i>         | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Phyllodocida   | Syllidae        | <i>Parapionosyllis longicirrata</i>  |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Spionida       | Spionidae       | <i>Scolelepis texana</i>             |                              |    |    | 1  |   |   |   |   |   |   |  | 1     |
| 079        | Annelida      | Polychaeta   | Spionida       | Spionidae       | Spionidae (LPIL)                     |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 079        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | Acanthohaustorius (LPIL)             |                              |    | 10 |    |   |   |   |   |   |   |  | 10    |
| 079        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              |    |    | 2  |   |   |   |   |   |   |  | 2     |
| 079        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Acanthohaustorius shoemakeri</i>  | 3                            |    |    | 10 |   |   |   |   |   |   |  | 13    |
| 079        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Parahaustorius holmesi</i>        | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Protohaustorius wigleyi</i>       |                              |    | 1  | 2  |   |   |   |   |   |   |  | 3     |
| 079        | Arthropoda    | Malacostraca | Cumacea        | Diastylidae     | <i>Oxyurostylis smithi</i>           |                              |    |    | 2  |   |   |   |   |   |   |  | 2     |
| 079        | Arthropoda    | Malacostraca | Isopoda        | Chaetiliidae    | Chiridotea (LPIL)                    |                              |    |    | 1  |   |   |   |   |   |   |  | 1     |
| 079        | Arthropoda    | Malacostraca | Isopoda        | Cirolanidae     | <i>Politolana polita</i>             | 1                            |    | 2  | 2  |   |   |   |   |   |   |  | 5     |
| 079        | Arthropoda    | Malacostraca | Isopoda        | Sphaeromatidae  | <i>Ancinus depressus</i>             |                              |    |    | 1  |   |   |   |   |   |   |  | 1     |
| 079        | Arthropoda    | Malacostraca | Tanaidacea     | Nototaniadae    | <i>Tanaissus psammophilus</i>        |                              |    | 1  | 1  |   |   |   |   |   |   |  | 2     |
| 079        | Echinodermata | Echinoidea   |                |                 | Echinoidea (LPIL)                    | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Mollusca      | Bivalvia     | Anomalodesmata | Periplomatidae  | Periplomatidae (LPIL)                |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 079        | Mollusca      | Bivalvia     | Cardiida       | Tellinidae      | <i>Ameritella agilis</i>             | 3                            |    |    | 6  |   |   |   |   |   |   |  | 9     |
| 079        | Mollusca      | Bivalvia     | Cardiida       | Tellinidae      | <i>Ameritella sybaritica</i>         |                              |    | 2  |    |   |   |   |   |   |   |  | 2     |
| 079        | Mollusca      | Bivalvia     | Veneroida      | Mactridae       | <i>Spisula solidissima</i>           | 1                            |    | 5  | 5  |   |   |   |   |   |   |  | 11    |
| 079        | Mollusca      | Bivalvia     | Veneroida      | Solenidae       | <i>Ensis directus</i>                | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 079        | Mollusca      | Bivalvia     | Veneroida      | Tellinidae      | <i>Macoma tenta</i>                  |                              |    |    | 1  |   |   |   |   |   |   |  | 1     |
| 081        | Annelida      | Polychaeta   | Eunicida       | Onuphidae       | Onuphidae (LPIL)                     |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 081        | Annelida      | Polychaeta   | Orbiniida      | Orbiniidae      | Leitoscoloplos (LPIL)                |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Annelida      | Polychaeta   | Orbiniida      | Orbiniidae      | <i>Scoloplos rubra</i>               | 1                            | 1  | 3  |    |   |   |   |   |   |   |  | 5     |
| 081        | Annelida      | Polychaeta   | Phyllodocida   | Nephtyidae      | <i>Nephtys picta</i>                 | 2                            | 3  | 8  |    |   |   |   |   |   |   |  | 13    |
| 081        | Annelida      | Polychaeta   | Phyllodocida   | Nereididae      | <i>Nereis succinea</i>               | 2                            |    |    |    |   |   |   |   |   |   |  | 2     |
| 081        | Annelida      | Polychaeta   | Scolecida      | Capitellidae    | Mediomastus (LPIL)                   |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 081        | Annelida      | Polychaeta   | Scolecida      | Maldanidae      | Maldanidae (LPIL)                    |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 081        | Annelida      | Polychaeta   | Spionida       | Magelonidae     | <i>Magelona papillicornis</i>        | 1                            |    | 1  |    |   |   |   |   |   |   |  | 2     |
| 081        | Annelida      | Polychaeta   | Spionida       | Spionidae       | <i>Dispio uncinata</i>               |                              | 4  | 5  |    |   |   |   |   |   |   |  | 9     |
| 081        | Annelida      | Polychaeta   | Spionida       | Spionidae       | Spionidae (LPIL)                     |                              | 1  | 1  |    |   |   |   |   |   |   |  | 2     |
| 081        | Annelida      | Polychaeta   | Terebellida    | Cirratulidae    | <i>Caulleriella sp. J</i>            |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Acanthohaustorius intermedius</i> | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 53                           | 40 | 55 |    |   |   |   |   |   |   |  | 148   |
| 081        | Arthropoda    | Malacostraca | Amphipoda      | Oedicerotidae   | <i>Americhelidium americanum</i>     |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Arthropoda    | Malacostraca | Amphipoda      | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 1                            | 16 | 6  |    |   |   |   |   |   |   |  | 23    |
| 081        | Arthropoda    | Malacostraca | Cumacea        | Diastylidae     | <i>Oxyurostylis smithi</i>           |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 081        | Arthropoda    | Malacostraca | Isopoda        | Anthuridae      | Mesanthura (LPIL)                    |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Mollusca      | Bivalvia     | Veneroida      | Mactridae       | <i>Spisula solidissima</i>           | 2                            |    | 3  |    |   |   |   |   |   |   |  | 5     |
| 081        | Mollusca      | Bivalvia     | Veneroida      | Solenidae       | <i>Ensis directus</i>                | 2                            | 1  | 3  |    |   |   |   |   |   |   |  | 6     |
| 081        | Mollusca      | Bivalvia     | Veneroida      | Tellinidae      | <i>Angulus versicolor</i>            | 1                            | 1  | 2  |    |   |   |   |   |   |   |  | 4     |
| 081        | Mollusca      | Gastropoda   | Heterostroph   | Pyramidellidae  | Turbonilla (LPIL)                    | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Mollusca      | Gastropoda   | Neogastropoda  | Nassariidae     | <i>Tritia trivittata</i>             | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 081        | Nemertea      |              |                |                 | Nemertea (LPIL)                      | 2                            | 2  |    |    |   |   |   |   |   |   |  | 4     |
| 083        | Annelida      | Polychaeta   | Orbiniida      | Orbiniidae      | <i>Scoloplos rubra</i>               | 2                            | 2  | 3  |    |   |   |   |   |   |   |  | 7     |
| 083        | Annelida      | Polychaeta   | Phyllodocida   | Nephtyidae      | <i>Nephtys picta</i>                 | 6                            | 6  | 3  |    |   |   |   |   |   |   |  | 15    |
| 083        | Annelida      | Polychaeta   | Spionida       | Spionidae       | <i>Dispio uncinata</i>               | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 083        | Annelida      | Polychaeta   | Spionida       | Spionidae       | <i>Spiophanes bombyx</i>             | 3                            | 1  | 2  |    |   |   |   |   |   |   |  | 6     |
| 083        | Annelida      | Polychaeta   | Terebellida    | Cirratulidae    | <i>Caulleriella sp. J</i>            |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 083        | Annelida      | Polychaeta   | Terebellida    | Cirratulidae    | Cirratulidae (LPIL)                  | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 083        | Arthropoda    | Malacostraca | Amphipoda      | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 66                           | 52 | 59 |    |   |   |   |   |   |   |  | 177   |
| 083        | Arthropoda    | Malacostraca | Amphipoda      | Oedicerotidae   | <i>Americhelidium americanum</i>     |                              | 3  | 1  |    |   |   |   |   |   |   |  | 4     |
| 083        | Arthropoda    | Malacostraca | Amphipoda      | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 5                            | 2  | 3  |    |   |   |   |   |   |   |  | 10    |
| 083        | Arthropoda    | Malacostraca | Isopoda        | Idoteidae       | <i>Edotia triloba</i>                |                              | 1  | 1  |    |   |   |   |   |   |   |  | 2     |
| 083        | Mollusca      | Bivalvia     | Veneroida      | Mactridae       | <i>Spisula solidissima</i>           | 1                            | 2  | 1  |    |   |   |   |   |   |   |  | 4     |
| 083        | Mollusca      | Bivalvia     | Veneroida      | Solenidae       | <i>Ensis directus</i>                | 2                            | 2  | 3  |    |   |   |   |   |   |   |  | 7     |
| 083        | Mollusca      | Bivalvia     | Veneroida      | Tellinidae      | <i>Angulus versicolor</i>            |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 083        | Mollusca      | Gastropoda   | Neogastropoda  | Nassariidae     | <i>Tritia trivittata</i>             | 2                            | 2  |    |    |   |   |   |   |   |   |  | 4     |
| 083        | Nemertea      |              |                |                 | Nemertea (LPIL)                      | 1                            | 1  |    |    |   |   |   |   |   |   |  | 2     |
| 085        | Annelida      | Polychaeta   | Orbiniida      | Orbiniidae      | Orbiniidae (LPIL)                    |                              | 1  |    |    |   |   |   |   |   |   |  | 1     |
| 085        | Annelida      | Polychaeta   | Orbiniida      | Orbiniidae      | <i>Scoloplos rubra</i>               |                              | 2  | 1  |    |   |   |   |   |   |   |  | 3     |
| 085        | Annelida      | Polychaeta   | Phyllodocida   | Nephtyidae      | Nephtyidae (LPIL)                    | 1                            |    |    |    |   |   |   |   |   |   |  | 1     |
| 085        | Annelida      | Polychaeta   | Phyllodocida   | Nephtyidae      | <i>Nephtys picta</i>                 | 8                            | 9  | 1  |    |   |   |   |   |   |   |  | 18    |
| 085        | Annelida      | Polychaeta   | Scolecida      | Capitellidae    | Mediomastus (LPIL)                   |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |
| 085        | Annelida      | Polychaeta   | Spionida       | Magelonidae     | <i>Magelona papillicornis</i>        |                              |    | 1  |    |   |   |   |   |   |   |  | 1     |



| Station ID | Phylum     | Class        | Order         | Family          | Taxa                                 | Station Replicates Count (n) |     |     |    |    |   |   |   |   |   | Total |
|------------|------------|--------------|---------------|-----------------|--------------------------------------|------------------------------|-----|-----|----|----|---|---|---|---|---|-------|
|            |            |              |               |                 |                                      | A                            | B   | C   | D  | E  | F | G | H | I | J |       |
| 085        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Apoprionospio pygmaea</i>         |                              |     | 3   |    |    |   |   |   |   |   | 3     |
| 085        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Scolecopsis texana</i>            |                              |     | 1   |    |    |   |   |   |   |   | 1     |
| 085        | Annelida   | Polychaeta   | Spionida      | Spionidae       | Spionidae (LPIL)                     | 1                            | 1   |     |    |    |   |   |   |   |   | 2     |
| 085        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Spiophanes bombyx</i>             |                              | 2   | 3   |    |    |   |   |   |   |   | 5     |
| 085        | Annelida   | Polychaeta   | Terebellida   | Cirratulidae    | <i>Caulieriella sp. J</i>            | 1                            | 2   | 2   |    |    |   |   |   |   |   | 5     |
| 085        | Arthropoda | Malacostraca | Amphipoda     | Aoridae         | <i>Pseudunciola obliquua</i>         | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 085        | Arthropoda | Malacostraca | Amphipoda     | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 46                           | 79  | 69  |    |    |   |   |   |   |   | 194   |
| 085        | Arthropoda | Malacostraca | Amphipoda     | Oedicerotidae   | <i>Americhelidium americanum</i>     | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 085        | Arthropoda | Malacostraca | Amphipoda     | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 1                            | 2   |     |    |    |   |   |   |   |   | 3     |
| 085        | Arthropoda | Malacostraca | Isopoda       | Cirolanidae     | <i>Politolana polita</i>             | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 085        | Mollusca   | Bivalvia     | Veneroida     | Mactridae       | <i>Spisula solidissima</i>           | 1                            |     | 2   |    |    |   |   |   |   |   | 3     |
| 085        | Mollusca   | Bivalvia     | Veneroida     | Solenidae       | <i>Ensis directus</i>                |                              |     | 3   |    |    |   |   |   |   |   | 3     |
| 085        | Mollusca   | Bivalvia     | Veneroida     | Tellinidae      | <i>Angulus versicolor</i>            |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 085        | Mollusca   | Gastropoda   | Neogastropoda | Nassariidae     | <i>Tritia trivittata</i>             |                              |     | 1   |    |    |   |   |   |   |   | 1     |
| 085        | Nemertea   |              |               |                 | Nemertea (LPIL)                      | 1                            | 1   | 2   |    |    |   |   |   |   |   | 4     |
| 087        | Annelida   | Polychaeta   | Eunicida      | Onuphidae       | Onuphidae (LPIL)                     |                              | 2   |     |    |    |   |   |   |   |   | 2     |
| 087        | Annelida   | Polychaeta   | Eunicida      | Onuphidae       | <i>Onuphis eremita</i>               | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 087        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae      | Leitoscoloplos (LPIL)                |                              |     | 1   |    |    |   |   |   |   |   | 1     |
| 087        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae      | <i>Scoloplos rubra</i>               |                              | 1   | 3   |    |    |   |   |   |   |   | 4     |
| 087        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | Nephtyidae (LPIL)                    |                              | 1   | 4   |    |    |   |   |   |   |   | 5     |
| 087        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys longosetosa</i>           |                              | 1   | 1   |    |    |   |   |   |   |   | 2     |
| 087        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys picta</i>                 | 3                            | 1   | 1   |    |    |   |   |   |   |   | 5     |
| 087        | Annelida   | Polychaeta   | Scolecida     | Travisiidae     | <i>Travisia parva</i>                | 3                            |     | 1   |    |    |   |   |   |   |   | 4     |
| 087        | Annelida   | Polychaeta   | Spionida      | Magelonidae     | <i>Magelona papillicornis</i>        | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 087        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Dispio uncinata</i>               | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 087        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Scolecopsis texana</i>            |                              |     | 2   |    |    |   |   |   |   |   | 2     |
| 087        | Annelida   | Polychaeta   | Spionida      | Spionidae       | Spionidae (LPIL)                     |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 087        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Spiophanes bombyx</i>             | 2                            |     | 2   |    |    |   |   |   |   |   | 4     |
| 087        | Annelida   | Polychaeta   | Terebellida   | Cirratulidae    | <i>Caulieriella sp. J</i>            | 1                            | 1   |     |    |    |   |   |   |   |   | 2     |
| 087        | Annelida   | Polychaeta   | Terebellida   | Cirratulidae    | <i>Tharyx acutus</i>                 |                              |     | 1   |    |    |   |   |   |   |   | 1     |
| 087        | Arthropoda | Malacostraca | Amphipoda     | Aoridae         | <i>Pseudunciola obliquua</i>         | 3                            | 4   | 4   |    |    |   |   |   |   |   | 11    |
| 087        | Arthropoda | Malacostraca | Amphipoda     | Aoridae         | <i>Unciola irrorata</i>              |                              | 1   | 1   |    |    |   |   |   |   |   | 2     |
| 087        | Arthropoda | Malacostraca | Amphipoda     | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              |     | 3   |    |    |   |   |   |   |   | 3     |
| 087        | Arthropoda | Malacostraca | Amphipoda     | Haustoriidae    | <i>Protohaustorius wigleyi</i>       | 114                          | 88  | 117 |    |    |   |   |   |   |   | 319   |
| 087        | Arthropoda | Malacostraca | Amphipoda     | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           | 13                           | 11  | 12  |    |    |   |   |   |   |   | 36    |
| 087        | Arthropoda | Malacostraca | Decapoda      | Portunidae      | <i>Ovalipes ocellatus</i>            | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 087        | Arthropoda | Malacostraca | Isopoda       | Anthuridae      | Mesanthura (LPIL)                    |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 087        | Arthropoda | Malacostraca | Isopoda       | Chaetiliidae    | Chiridotea (LPIL)                    | 2                            |     |     |    |    |   |   |   |   |   | 2     |
| 087        | Mollusca   | Bivalvia     | Veneroida     | Mactridae       | <i>Spisula solidissima</i>           | 1                            | 2   | 2   |    |    |   |   |   |   |   | 5     |
| 087        | Mollusca   | Bivalvia     | Veneroida     | Solenidae       | <i>Ensis directus</i>                | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 087        | Mollusca   | Bivalvia     | Veneroida     | Tellinidae      | <i>Angulus versicolor</i>            | 1                            | 1   |     |    |    |   |   |   |   |   | 2     |
| 087        | Mollusca   | Gastropoda   | Neogastropoda | Nassariidae     | <i>Tritia trivittata</i>             |                              |     | 1   |    |    |   |   |   |   |   | 1     |
| 087        | Nemertea   |              |               |                 | Nemertea (LPIL)                      | 5                            | 2   | 3   |    |    |   |   |   |   |   | 10    |
| 089        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae      | <i>Scoloplos rubra</i>               |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 089        | Annelida   | Polychaeta   | Oweniida      | Oweniidae       | <i>Owenia fusiformis</i>             |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 089        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys longosetosa</i>           |                              | 1   |     |    | 2  |   |   |   |   |   | 3     |
| 089        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys picta</i>                 |                              | 2   |     | 4  | 3  |   |   |   |   |   | 9     |
| 089        | Annelida   | Polychaeta   | Scolecida     | Paraonidae      | <i>Aricidea wassi</i>                |                              |     |     |    | 2  |   |   |   |   |   | 2     |
| 089        | Annelida   | Polychaeta   | Spionida      | Chaetopteridae  | <i>Spiochaetopterus oculatus</i>     |                              | 1   |     | 1  | 1  |   |   |   |   |   | 3     |
| 089        | Annelida   | Polychaeta   | Spionida      | Magelonidae     | <i>Magelona papillicornis</i>        |                              | 1   |     | 1  | 1  |   |   |   |   |   | 3     |
| 089        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Dispio uncinata</i>               |                              |     |     | 2  |    |   |   |   |   |   | 2     |
| 089        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Paraprionospio pinnata</i>        |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 089        | Annelida   | Polychaeta   | Spionida      | Spionidae       | Spionidae (LPIL)                     |                              | 2   |     |    | 2  |   |   |   |   |   | 4     |
| 089        | Annelida   | Polychaeta   | Spionida      | Spionidae       | <i>Spiophanes bombyx</i>             |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 089        | Annelida   | Polychaeta   | Terebellida   | Cirratulidae    | <i>Caulieriella sp. J</i>            |                              | 2   |     |    | 1  |   |   |   |   |   | 3     |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Aoridae         | <i>Pseudunciola obliquua</i>         |                              | 121 |     | 72 | 65 |   |   |   |   |   | 258   |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Aoridae         | <i>Unciola irrorata</i>              |                              |     |     | 1  |    |   |   |   |   |   | 1     |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Haustoriidae    | <i>Acanthohaustorius intermedius</i> |                              | 5   |     | 12 | 8  |   |   |   |   |   | 25    |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Haustoriidae    | <i>Protohaustorius wigleyi</i>       |                              | 83  |     | 93 | 95 |   |   |   |   |   | 271   |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Oedicerotidae   | <i>Americhelidium americanum</i>     |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 089        | Arthropoda | Malacostraca | Amphipoda     | Phoxocephalidae | <i>Rhepoxynius hudsoni</i>           |                              | 7   |     | 26 | 17 |   |   |   |   |   | 50    |
| 089        | Arthropoda | Malacostraca | Cumacea       | Bodotriidae     | <i>Pseudoleptocuma minus</i>         |                              |     |     | 1  |    |   |   |   |   |   | 1     |
| 089        | Arthropoda | Malacostraca | Cumacea       | Diastylidae     | <i>Oxyurostylis smithi</i>           |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 089        | Arthropoda | Malacostraca | Decapoda      | Paguridae       | Pagurus (LPIL)                       |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 089        | Arthropoda | Malacostraca | Isopoda       | Chaetiliidae    | Chiridotea (LPIL)                    |                              |     |     | 1  | 2  |   |   |   |   |   | 3     |
| 089        | Mollusca   | Bivalvia     | Nuculida      | Nuculidae       | <i>Nucula proxima</i>                |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 089        | Mollusca   | Bivalvia     | Veneroida     | Mactridae       | <i>Spisula solidissima</i>           |                              | 1   |     | 2  |    |   |   |   |   |   | 3     |
| 089        | Mollusca   | Bivalvia     | Veneroida     | Solenidae       | <i>Ensis directus</i>                |                              |     |     | 1  | 2  |   |   |   |   |   | 3     |
| 089        | Mollusca   | Bivalvia     | Veneroida     | Tellinidae      | <i>Angulus versicolor</i>            |                              | 1   |     | 2  |    |   |   |   |   |   | 3     |
| 089        | Nemertea   |              |               |                 | Nemertea (LPIL)                      |                              | 1   |     | 1  |    |   |   |   |   |   | 2     |
| 091        | Annelida   | Polychaeta   | Archiannelida | Polygordiidae   | Polygordius (LPIL)                   |                              |     |     |    | 2  |   |   |   |   |   | 2     |
| 091        | Annelida   | Polychaeta   | Eunicida      | Onuphidae       | Onuphidae (LPIL)                     |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 091        | Annelida   | Polychaeta   | Eunicida      | Onuphidae       | <i>Onuphis eremita</i>               | 2                            |     |     |    | 2  |   |   |   |   |   | 4     |
| 091        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae      | <i>Leitoscoloplos robustus</i>       |                              |     |     |    | 1  |   |   |   |   |   | 1     |
| 091        | Annelida   | Polychaeta   | Orbiniida     | Orbiniidae      | <i>Scoloplos rubra</i>               | 1                            |     |     |    |    |   |   |   |   |   | 1     |
| 091        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys longosetosa</i>           |                              | 1   |     |    |    |   |   |   |   |   | 1     |
| 091        | Annelida   | Polychaeta   | Phyllodocida  | Nephtyidae      | <i>Nephtys picta</i>                 | 3                            | 6   |     |    | 8  |   |   |   |   |   | 17    |

| Station ID | Phylum     | Class        | Order           | Family          | Taxa                    | Station Replicates Count (n) |    |   |   |     |   |   |   |   |   |     | Total |
|------------|------------|--------------|-----------------|-----------------|-------------------------|------------------------------|----|---|---|-----|---|---|---|---|---|-----|-------|
|            |            |              |                 |                 |                         | A                            | B  | C | D | E   | F | G | H | I | J |     |       |
| 091        | Annelida   | Polychaeta   | Scolecida       | Capitellidae    | Mediomastus (LPIL)      | 1                            |    |   |   | E   | F |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Scolecida       | Paraonidae      | Aricidea (LPIL)         |                              | 1  |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Scolecida       | Travisiidae     | Travisia parva          |                              | 1  |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Spionida        | Magelonidae     | Magelona papillicornis  |                              |    |   |   | 1   |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Apoprionospio pygmaea   | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Dispio uncinata         |                              |    |   |   | 3   |   |   |   |   |   | 3   |       |
| 091        | Annelida   | Polychaeta   | Spionida        | Spionidae       | Spiophanes bombyx       | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Terebellida     | Ampharetidae    | Ampharete finmarchica   |                              |    |   |   | 1   |   |   |   |   |   | 1   |       |
| 091        | Annelida   | Polychaeta   | Terebellida     | Cirratulidae    | Caulleriella sp. J      | 1                            | 4  |   |   | 3   |   |   |   |   |   | 8   |       |
| 091        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | Pseudunciola obliquua   | 2                            |    |   |   | 5   |   |   |   |   |   | 7   |       |
| 091        | Arthropoda | Malacostraca | Amphipoda       | Aoridae         | Unciola irrorata        |                              | 1  |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Arthropoda | Malacostraca | Amphipoda       | Haustoriidae    | Protohaustorius wigleyi | 99                           | 85 |   |   | 128 |   |   |   |   |   | 312 |       |
| 091        | Arthropoda | Malacostraca | Amphipoda       | Phoxocephalidae | Rhepoxynius hudsoni     | 14                           | 9  |   |   | 15  |   |   |   |   |   | 38  |       |
| 091        | Arthropoda | Malacostraca | Cumacea         | Diastylidae     | Oxyurostylis smithi     | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Arthropoda | Malacostraca | Decapoda        | Paguridae       | Pagurus (LPIL)          | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Arthropoda | Malacostraca | Isopoda         | Anthuridae      | Mesanthura (LPIL)       | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Arthropoda | Malacostraca | Isopoda         | Chaetiliidae    | Chiridotea (LPIL)       |                              |    |   |   | 3   |   |   |   |   |   | 3   |       |
| 091        | Mollusca   | Bivalvia     | Veneroida       | Mactridae       | Spisula solidissima     | 2                            | 2  |   |   |     |   |   |   |   |   | 4   |       |
| 091        | Mollusca   | Bivalvia     | Veneroida       | Solenidae       | Ensis directus          | 1                            |    |   |   | 1   |   |   |   |   |   | 2   |       |
| 091        | Mollusca   | Bivalvia     | Veneroida       | Tellinidae      | Angulus versicolor      |                              |    |   |   | 1   |   |   |   |   |   | 1   |       |
| 091        | Mollusca   | Gastropoda   | Heterostropho   | Pyramidellidae  | Turbonilla (LPIL)       |                              | 1  |   |   |     |   |   |   |   |   | 1   |       |
| 091        | Mollusca   | Gastropoda   | Littorinimorpha | Calyptraeidae   | Crepidula (LPIL)        |                              |    |   |   | 1   |   |   |   |   |   | 1   |       |
| 091        | Nemertea   |              |                 |                 | Nemertea (LPIL)         | 1                            |    |   |   |     |   |   |   |   |   | 1   |       |