

## 5. APPENDIX I

### 5.1. Phase I

#### 5.1.1. Benthic Sampling Sites Locations in Biscayne Bay

##### **Station 1**

Medium-dense *Thalassia testudinum*.

Location: Card Sound.

Bearing: Pumpkin Key southwestern side 180°  
Ocean Reef antenna 157°  
Turkey Point stacks 345°

Included because Card Sound Station at this location requested by DERM personnel.

##### **Station 2**

Soft corals, sponges, and unattached algae.

Location: 75' west of BNP PA Marker south of Midnight Pass in Card Sound.

Included for benthic community and spatial coverage.

##### **Station 3**

Medium-dense *Thalassia testudinum*, with some *Halodule wrightii*.

Location: off former Turkey Point power station effluent canal.

Included because area of seagrass restoration and several former ecological studies.

##### **Station 4**

Medium-dense *Thalassia testudinum*.

Location: 150' east of ICW marker #9.

Included because a DERM water quality monitoring station, spatial requirements.

##### **Station 5**

Medium *Halodule wrightii*.

Location: 75' north of mole that runs out from southern side of mouth of Mowry Canal.

Included because a DERM water quality monitoring station, benthic community and spatial requirements.

##### **Station 6**

Mixed *Thalassia testudinum* - *Syringodium filiforme*.

Location: 150' south of Homestead Bayfront Park Marina entrance marker #1 off Convoy Point.

Included because of spatial requirements and benthic community.

##### **Station 7**

Medium-dense *Thalassia testudinum*, patches of unattached algae, soft corals and hard bottom algae species.

Location: 100' east of marker #2 at south west end of Pelican Bank.

Included because of spatial requirements and benthic community.

### Station 8

Dense *Thalassia testudinum*.

Location: 100' west of channel marker #35 and BNP PA marker at north fork of Caesar Creek channel (northwest of Adams Key).

Included because of spatial requirements, benthic community, and near DERM water quality station in Caesar Creek.

### Station 9

Medium-dense *Thalassia testudinum* and attached algae (*Penicillus* sp.).

Location: 75' west of Turkey Point channel marker #2.

Included because a DERM water quality station, spatial requirements, and benthic community found there.

### Station 10

Mosaic of *Halodule wrightii*, *Syringodium filiforme*, *Thalassia - Halodule*, *Thalassia - Halodule* and attached algae patches.

Location: Southeast of Black Point.

Bearing: Turkey Point stacks 195°  
Cutler water tank 5°  
BNP PA marker 70°

Included because requested by DERM representatives, spatial requirements.

### Station 11

Sparse to medium *Thalassia testudinum*.

Location: Mid-bay between Turkey Point channel marker #2 and BNP office on Elliott Key.

Bearing: Turkey Point channel marker #2 265°  
Elliott Key BNP office harbor marker 115°

Included for spatial requirements.

### Station 12

Dense *Syringodium filiforme* with occasional blade of *Thalassia testudinum*.

Location: 60' west of Elliott Key harbor marker #2.

Included because DERM water quality station, spacial requirements, and benthic community.

### Station 13

Dense *Thalassia testudinum*.

Location: 100' east of northern most "Anchorage Area" marker west southwest of Sands Cut at north end of Elliott Key.

Included for spatial requirements.

### Station 14

Sparse to medium *Thalassia testudinum*, macroalgae, sponges.

Location: 100' west of Featherbed Bank marker #6.

Included because of spatial requirements and benthic community.

**Station 15**

Medium to dense *Thalassia - Halodule* mixture, attached macroalgae (*Halimeda* and *Padilla* sp.).

Location: Southwest of Black Ledge.

Bearing: Canal marked "ditch" on chart 270°  
Soldier Key 75°

Included because of spatial requirements and benthic community.

**Station 16**

Hard bottom community of attached macroalgae, coral.

Location: 1200' west of marker #5 at Ragged Keys in channel between two keys.

Included because of spatial requirements and benthic community.

**Station 17**

Very dense *Thalassia testudinum* with *Syringodium filiforme*.

Location: East side of Chicken Key aligned with Shoal Point.

Bearing: Cutler stacks 330°

Included because of spatial requirements and benthic community.

**Station 18**

Hard bottom community of attached macroalgae, soft corals, sponges.

Location: 50' west of Cutler channel marker #2.

Included because of benthic community.

**Station 19**

Sparse *Thalassia testudinum* with some *Halodule* and attached macroalgae.

Location: 100' west of marker light #2 (FL R 4 Sec 16 ft 3M) located northeast of Black Ledge.

Included for spatial requirements, benthic community.

**Station 20**

Sparse *Thalassia testudinum* with attached macroalgae (*Halimeda* and other species).

Location: 100' west of marker #1B located southwest of Soldier Key.

Included because of spatial requirements and benthic community.

**Station 21**

Dense *Thalassia testudinum*, some *Syringodium filiforme*, attached macroalgae.

Location: In Safety Valve between Soldier Key and Ragged Keys.

West side of Soldier Key aligned with east side of Cape Florida.

Bearing: Fowey Light 70°

Marker 1B 275°

Boca Chita light house 195°

Included because of spatial requirements and benthic community.

### Station 22

*Halodule wrightii*. When the site was later photographed much of the *Halodule* had been killed.

Location: 100' north of Snapper Creek channel marker #2.

Included because DERM water quality station, spatial requirements, and benthic community.

### Station 23

Medium to dense *Thalassia testudinum*. When the site was later photographed much of the seagrass was gone, but very thin *Thalassia* blades were found.

Location: Mid-bay.

Bearing: VOR 45°

Fowey Light 112°

Cutler stacks 270°

Included for spatial requirements.

### Station 24

Medium *Thalassia testudinum* with *Halimeda* clumps.

Location: 100' south of marker #1 in Safety Valve in Coral Shoal area.

Included because of spatial requirements and benthic community.

### Station 25

Mixed *Thalassia* and *Syringodium*.

Location: In Safety Valve (Coral Shoal area) due east of station 24 and located 200' east of end of T dock on yellow building.

Included because of spatial requirements.

### Station 26

Sparse *Halodule wrightii* with some attached macroalgae (*Halimeda* sp.).

Location: Mid-bay.

Bearing: VOR 75°

Soldier Key 150°

Fowey Light 125°

Included because of spatial requirements.

### Station 27

Sparse *Halodule wrightii*.

Location: 100' south of Coral Gables Water Way channel marker.

Included because DERM water quality station, spatial requirements, and benthic community.

### Station 28

Medium dense *Halophila baillonis*.

Location: 25 north of lighted marker #26 (Fl 4 Sec 16 ft 3M) located off Southwest Point of Key Biscayne.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 29**

Medium dense *Halodule wrightii* and mixed *Halodule* and *Syringodium*.

Location: 100' southeast of Dinner Key channel marker #1.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 30**

Mostly bare with scattered patches of *Halophila baillonis*, some *Caulerpa* sp.

Location: Mid-bay.

Bearing: VOR 160°

Cutler water tower 230°

Biscayne Towers 10°

Included because of spatial requirements and benthic community.

**Station 31**

Medium *Thalassia testudinum*.

Location: 150 west of Bear Cut channel marker #3.

Included for spatial requirements.

**Station 32**

Dense *Thalassia testudinum*.

Location: 100' north of Deering Channel marker #2.

Included for spatial requirements.

**Station 33**

Sparse *Halodule wrightii* and *Halophila baillonis*.

Location: 60' east of ICW marker #71.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 34**

Dense *Halodule wrightii* with patches of dense *Syringodium filiforme*.

Location: 200' northeast of ICW marker #67 just north of Rickenbacker Causeway.

Included because of spatial requirements and benthic community.

**Station 35**

Dense *Thalassia testudinum* and patches of mixed *Thalassia* and *Halodule*.

Location: 500' east of ICW marker #65.

Included because of benthic community.

**Station 36**

Dense *Halophila baillonis* with some *Halodule wrightii*.

Location: 20' west of Cloughton Island channel marker #3.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 37**

Predominately bare sand with occasional patches of *Syringodium filiforme*.

Location: In Norris Cut between rusted tank on Virginia Key and square basin in Fisher Island.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 38**

Bare bottom.

Location: 30' east of ICW marker #53.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 39**

Medium dense *Halophila baillonis*.

Location: between San Marino Island and Hibiscus island in mid channel (west shore of San Marino Island aligned with station).

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 40**

Dense *Halophila baillonis* with some patches of *Halodule wrightii*

Location: near western shore due west of IWC marker #45 in mouth of open basin.

Included because of spatial requirements and benthic community.

**Station 41**

Medium dense *Syringodium filiforme*.

Location: 100' northeast of IWC marker #43.

Included because of spatial requirements and benthic community.

**Station 42**

Medium dense *Halophila baillonis* with some *Halodule wrightii*.

Location: 60' west of piling located south of the channel marker #26 found west of Sunset Island.

Included because of spatial requirements.

**Station 43**

Bare bottom with occasional tufts of *Halophila baillonis*.

Location: between Julia Tuttle Causeway and San Marino Island. Station is in line with eastern shore of San Marino Island and even with 74th piling from south.

Included for spatial requirements and benthic community.

**Station 44**

Attached algae.

Location: 60' off lighted dock on west shore west northwest of ICW marker #39. Station located just north of southern arm of canal that creates an artificial island from shore.

Included because of spatial requirements and benthic community.

**Station 45**

Mixed *Halodule wrightii* and *Syringodium filiforme* with patches of *Thalassia testudinum*, mixed and *Thalassia - Halodule*. Also bare patches.

Location: 150' west of marker #18 near Miami Beach shore north of Julia Tuttle Causeway.

Included for spatial requirements and benthic community.

**Station 46**

Medium dense *Halophila baillonis*.

Location: 60' off boat ramp west of ICW marker #35.

Included because of spatial requirements and benthic community.

**Station 47**

Very thick *Halimeda* mat, patches dense *Syringodium filiforme*.

Location: mid-bay.

Bearing: ICW lighted marker #32 275°

Western end of Julia Tuttle Causeway fill 225°

Included because of spatial requirements and benthic community.

**Station 48**

Mixed *Thalassia* and *Syringodium*.

Location: 200' southwest of marker #14 near entrance to canal leading to Surprise Lake and Biscayne Waterway.

Included because of spatial requirements and benthic community.

**Station 49**

Dense *Syringodium filiforme*.

Location: east side of Bird Key 200' from shore.

Included because of spatial requirements and benthic community.

**Station 50**

Bare with occasional tufts of *Halophila baillonis*.

Location: mouth of Little River, slightly north of center of river mouth.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 51**

Sparse *Halophila baillonis* with bare patches.

Location: 50' south of day marker A on south side of Pelican Island.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 52**

Bare.

Location: 30' east of lighted marker #9 off La Gorce Island.

Included for spatial requirement and benthic community.

**Station 53**

Medium dense *Syringodium filiforme*.

Location: off Biscayne Point. Local channel markers #3 and #4 aligned; marker #6 aligned with white dock on Normandy Isle.

Included because of spatial requirement and benthic community.

**Station 54**

Medium dense *Thalassia testudinum* with patches of mixed *Thalassia* - *Halodule* - *Syringodium*.

Location: 150' northeast of second marker piling from shore (due south from mouth of Biscayne Canal).

Included because *Thalassia* found in mixture.

**Station 55**

Medium dense *Halophila baillonis* with unattached algal complex.

Location: 50 west of light ICW marker #18.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 56**

Mosaic of patches dense *Syringodium filiforme*, *Halodule wrightii*, and unattached algal complex.

Location: 200' west of north end of spoil island just south of Broad Causeway.

Included for spatial requirements and benthic community.

**Station 57**

Scattered attached and unattached algae including sprigs of *Halimeda* species.

Location: 200' east of piling just south of mouth of New Arch Creek.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 58**

Scattered to medium dense *Halodule wrightii*, with bare patches and scattered patches of *Halophila baillonis*.

Location: 100' west of ICW marker #8.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 59**

Bare.

Location: in mouth of Oleta River.

Included because DERM water quality station, spatial requirements, and benthic community.

**Station 60**

Sparse *Halophila baillonis* with scattered clump of *Halodule wrightii*.

Location: Dumfoundling Bay, 75' west of ICW marker #50.

Included because DERM water quality station, spatial requirements, and benthic community.



### 5.1.2. Organisms Identified from Trawl Samples Collected During the Dry Season

#### Organisms Identified from Trawl Samples Collected During the Dry Season of Phase 1.

##### Station 1

Organism	Number in Trawl	Organism	Number in Trawl
<i>Spongia turbulifera</i>	1	<i>Excorollana</i> sp.	2
<i>Ircinia strobilina</i>	1	<i>Ampelisca schellenbergi</i>	3
<i>Ircinia felix</i>	2	<i>Lembos brunneomaculatus</i>	2
<i>Haliclona compressa</i>	1	<i>Lembos unicornis</i>	2
<i>Callyspongia fallax</i>	1	<i>Microdeutopus myersi</i>	5
<i>Lissodendoryx isodictyalis</i>	1	<i>Carinobatea carinata</i>	1
<i>Halichondria melanadocia</i>	1	<i>Thor floridanus</i>	1
<i>Porites porites</i>	1	<i>Paguristes tortugae</i>	2
Dorvilleidae	1	<i>Pagurus stimpsoni</i>	1
Eunicidae	29	<i>Astraea tecta americana</i>	2
Hesionidae	1	<i>Modulus modulus</i>	8
Nereidae	1	<i>Modiolus modiolus squamosus</i>	1
Serpulidae	1	<i>Pinctada imbricata</i>	2
Polynoidae	2	<i>Lima pellucida</i>	2
Serpulidae	1	<i>Americardia media</i>	1
Syllidae	109	<i>Lytechinus variegatus</i>	1
<i>Paranebalia longipes</i>	1	<i>Ophiothrix oetstedii</i>	1
<i>Apseudes</i> sp. A	13	<i>Ophiactis savignyi</i>	9
Paratanidae spp.	15	<i>Monacanthus setifer</i>	1

##### Station 2

Organism	Number in Trawl	Organism	Number in Trawl
<i>Chondrilla nucula</i>	3	<i>Thor floridanus</i>	67
<i>Actinia</i> sp. A	2	<i>Paguristes tortugae</i>	10
Turbellaria spp.	2	<i>Pagurus</i> n. sp. A	1
Amphinomidae	3	<i>Epialtus dilatatus elongata</i>	6
Chrysopetalidae	1	<i>Tegula fasciata</i>	6
Hesionidae	2	<i>Turbo castanea</i>	1
Nereidae	4	<i>Astraea tecta americana</i>	1
Serpulidae	1	<i>Tricolia affinis</i>	26
Spionidae	1	<i>Caecum pulchellum</i>	4
Syllidae	5	<i>Vermicularia spirata</i>	1
<i>Paracerceis caudata</i>	12	<i>Modulus modulus</i>	2
<i>Cirolana parva</i>	5	<i>Cerithium eburneum</i>	39
<i>Paranthura</i> sp.	1	<i>Bittium varium</i>	6
<i>Erichsonella floridana</i>	85	<i>Columbella mercatoria</i>	10
<i>Lembos unicornis</i>	1	<i>Columbella rusticoides</i>	1
<i>Carinobatea carinata</i>	11	<i>Mitrella argus</i>	1
<i>Elasmopus rapax</i>	7	<i>Cantharus multangulus</i>	1
<i>Protohadzia schoenerae</i>	2	<i>Vexillum albocinctum</i>	1
<i>Lysianassa alba</i>	50	<i>Vexillum gemmatum</i>	1
<i>Leander tenuicornis</i>	1	<i>Hyalina veliei</i>	1
<i>Hippolyte zostericola</i>	3	<i>Persicula catenata</i>	1

<i>Aeolidiidae</i> sp. A	1	<i>Holothuria surinamensis</i>	4
<i>Acanthochitona pygmaea</i>	1	<i>Leptosynapta parvipatina</i>	25
<i>Brachidontes exustus</i>	3	<i>Ophionereis reticulata</i>	11
<i>Pinctada imbricata</i>	5	<i>Ophioderma</i> sp. B	1
<i>Argopecten irradians concentricus</i>	1	<i>Ophiactis savignyi</i>	3
<i>Lima pellucida</i>	10	<i>Opsanus beta</i>	1
<i>Chione cancellata</i>	2	<i>Micrognathus criniger</i>	1

### Station 3

Organism	Number in Trawl		
<i>Chondrilla nucula</i>	2	<i>Chione cancellata</i>	1
<i>Amphinomidae</i>	4	<i>Gerres cinereus</i>	1
<i>Modulus modulus</i>	1		

### Station 4

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona</i> cf. <i>molitba</i>	1	<i>Turbo castanea</i>	4
<i>Chondrilla nucula</i>	3	<i>Astraea phoebia</i>	3
Capitellidae	1	<i>Astraea tecta americana</i>	10
Nereidae	1	<i>Modulus modulus</i>	36
Syllidae	2	<i>Cerithium eburneum</i>	8
<i>Phascolion cryptus</i>	2	<i>Cerithium muscarum</i>	1
<i>Paratanidae</i> spp.	8	<i>Crepidula maculosa</i>	1
<i>Ampelisca vadorum</i>	1	<i>Columbella rusticoidea</i>	3
<i>Lembos unicornis</i>	2	<i>Cantharus multangulus</i>	2
<i>Lembos unifasciatus</i>	1	<i>Fasciolaria tulipa</i>	1
<i>Colomastix janiceae</i>	2	<i>Conus jaspideus</i>	1
<i>Chevalia aviculae</i>	1	<i>Laevicardium mortoni</i>	1
<i>Leucothoe spinicarpa</i>	1	<i>Chione cancellata</i>	1
<i>Paguristes tortugae</i>	2	<i>Hippocampus erectus</i>	1
<i>Pagurus</i> n. sp. A	5	<i>Monacanthus ciliatus</i>	1
<i>Calliostoma adela</i>	1		

### Station 5

Organism	Number in Trawl	Organism	Number in Trawl
Nereidae	1	<i>Rhithropanopeus harrisii</i>	2
<i>Penaeus duorarum duorarum</i>	3	Insect larva	1
<i>Callinectes</i> spp. (juv.)	4		

**Station 6**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona viridis</i>	1	<i>Caecum pulchellum</i>	1
Serpulidae	1	<i>Bittium varium</i>	12
<i>Cymodoce faxoni</i>	3	<i>Brachidontes exustus</i>	26
<i>Ampelisca vadorum</i>	3	<i>Amygdalum papyrium</i>	1
<i>Amphilocheus neopolitanus</i>	1	<i>Mytilopsis leucophaeta</i>	5
<i>Cymadusa compta</i>	91	<i>Lagodon rhomboides</i>	3
<i>Penaeus duorarum duorarum</i>	2		

**Station 7**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Niphates erecta</i>	2	<i>Vermicularia spirata</i>	6
<i>Chondrilla nucula</i>	4	<i>Modulus modulus</i>	7
<i>Actinia</i> sp. A	1	<i>Cerithium eburneum</i>	2
Turbellaria spp.	8	<i>Bittium varium</i>	26
Nereidae	9	<i>Columbella mercatoria</i>	1
Sabellidae	4	<i>Columbella rusticoides</i>	4
Syllidae	3	<i>Mitrella argus</i>	8
Terebellidae	1	<i>Anachis hotessieriana</i>	1
<i>Paranebalia longipes</i>	2	<i>Cantharus multangulus</i>	1
<i>Paracerceis caudata</i>	68	<i>Vexillum hanleyi</i>	1
<i>Paranthura</i> sp.	1	<i>Vexillum gemmatum</i>	10
<i>Erichsonella floridana</i>	102	<i>Odostomia</i> sp. A	1
<i>Erichsonella</i> sp.	5	<i>Bulla striata</i>	1
<i>Cymadusa filosa</i>	1	<i>Ischnochiton papillosus</i>	3
<i>Lembos unifasciatus</i>	6	<i>Chaetopleura apiculata</i>	1
<i>Carinobatea carinata</i>	13	<i>Glycymeris pectinata</i>	1
<i>Dulichella appendiculata</i>	2	<i>Pinctada imbricata</i>	1
<i>Leucothoe spinicarpa</i>	3	<i>Argopecten irradians concentricus</i>	2
<i>Lysianassa alba</i>	29	<i>Lima pellucida</i>	3
<i>Heterophlias seclusus</i>	2	<i>Carditamera floridana</i>	1
<i>Periclimenes americanus</i>	4	<i>Laevicardium mortoni</i>	1
<i>Thor floridanus</i>	755	<i>Leptosynapta parvipatina</i>	3
<i>Paguristes tortugae</i>	1	<i>Echinaster sentus</i>	2
<i>Pagurus</i> n. sp. A	1	<i>Ophioderma brevispinum</i>	2
<i>Epialtus dilatatus elongata</i>	1	<i>Micrognathus criniger</i>	1
<i>Tegula fasciata</i>	16	<i>Haemulon sciurus</i>	1
<i>Turbo castanea</i>	4	<i>Gobiosoma robustum</i>	3
<i>Tricolia affinis</i>	26		

**Station 8**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Chondrilla nucula</i>	1	Dorvilleidae	3
Nemertinea spp.	2	Lumbrineridae	1
Chrysopetalidae	1	Nereidae	7

Orbiniidae	1	<i>Paguristes tortugae</i>	3
Polynoidae	1	<i>Pagurus</i> n. sp. A	1
Sabellidae	4	<i>Epialtus dilatatus elongata</i>	2
Terebellidae	10	<i>Acmaea pustulata</i>	1
Trichobranchidae	1	<i>Tegula fasciata</i>	3
<i>Paranebalia longipes</i>	22	<i>Astraea tecta americana</i>	13
<i>Paratanidae</i> spp.	5	<i>Modulus modulus</i>	5
<i>Paracerceis caudata</i>	3	<i>Columbella mercatoria</i>	3
<i>Paranthura</i> sp.	3	<i>Columbella rusticoides</i>	1
<i>Erichsonella floridana</i>	1	<i>Mitrella argus</i>	1
<i>Ampelisca schellenbergi</i>	1	<i>Haminoea antillarum</i>	1
<i>Ampelisca vadorum</i>	1	<i>Cryptoconchus floridanus</i>	1
<i>Elasmopus laevis</i>	6	<i>Holothuria surinamensis</i>	6
<i>Lysianassa alba</i>	19	<i>Leptosynapta parvipatina</i>	2
<i>Parametopella inquilinus</i>	4	<i>Echinaster sentus</i>	2
<i>Periclimenes americanus</i>	9	<i>Amphiura stimpsoni</i>	3
<i>Alpheus normanni</i>	1	<i>Ophionereis reticulata</i>	3
<i>Hippolyte pleuracantha</i>	2	<i>Ophiostigma isacanthum</i>	2
<i>Thor floridanus</i>	41		

#### Station 9

Organism	Number in Trawl	Organism	Number in Trawl
Nereidae	1	<i>Paguristes tortugae</i>	1
Spionidae	1	<i>Cerithium eburneum</i>	2
Syllidae	1	<i>Glycymeris pectinata</i>	1
<i>Phascolion cryptus</i>	1	<i>Chione cancellata</i>	1
<i>Penaeus duorarum duorarum</i>	1	<i>Leptosynapta parvipatina</i>	1

#### Station 10

Organism	Number in Trawl	Organism	Number in Trawl
Turbellaria spp.	1	<i>Modulus modulus</i>	3
Nereidae	33	<i>Cerithium eburneum</i>	1
<i>Cymodoce faxoni</i>	31	<i>Bittium varium</i>	72
<i>Paranthura</i> sp.	1	<i>Cerithiopsis greenii</i>	1
<i>Erichsonella filiformis isabelensis</i>	4	<i>Columbella rusticoides</i>	6
<i>Erichsonella floridana</i>	5	<i>Anachis hotessieriana</i>	5
<i>Amphilocheus neopolitanus</i>	3	<i>Marginella apicina</i>	2
<i>Cymadusa filosa</i>	36	<i>Marginella eburneola</i>	6
<i>Batea catharinensis</i>	5	<i>Marginella lavalleana</i>	1
<i>Dulichella appendiculata</i>	5	<i>Brachidontes exustus</i>	138
<i>Elasmopus laevis</i>	6	<i>Pinctada imbricata</i>	4
<i>Erichthonius brasiliensis</i>	12	<i>Laevicardium mortoni</i>	3
<i>Erichthonius rubricornis</i>	17	<i>Tellina similis</i>	1
<i>Hippolyte zostericola</i>	59	<i>Mytilopsis leucophaeta</i>	10
<i>Thor floridanus</i>	11	<i>Lucania parva</i>	1
<i>Pagurus</i> n. sp. A	3	<i>Lagodon rhomboides</i>	1
<i>Neopanope packardii</i>	1	<i>Paraclinus marmoratus</i>	1

**Station 11**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Actinia</i> sp. A	3	<i>Pagurus stimpsoni</i>	1
Turbellaria spp.	4	<i>Pycnogonida</i> spp.	1
Eunicidae	4	<i>Meioceras nitida</i>	2
Syllidae	1	<i>Modulus modolus</i>	4
<i>Paranebalia longipes</i>	14	<i>Bittium varium</i>	12
Paratanidae spp.	18	<i>Columbella mercatoria</i>	2
<i>Paracerceis caudata</i>	1	Aeolidiidae sp. A	1
<i>Carinobatea carinata</i>	12	<i>Modiolus modiolus squamosus</i>	2
<i>Elasmopus rapax</i>	2	<i>Pinctada imbricata</i>	7
<i>Lysianassa alba</i>	3	<i>Lima pellucida</i>	1
<i>Deutella mayeri</i>	2	<i>Leptosynapta parvipatina</i>	1
<i>Periclimenes americanus</i>	1	<i>Nicholsina usta</i>	1
<i>Thor manningi</i>	2		

**Station 12**

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	7	<i>Cerithium eburneum</i>	6
Nematoda spp.	1	<i>Bittium varium</i>	4
Syllidae	22	<i>Crepidula maculosa</i>	2
<i>Paracerceis caudata</i>	99	<i>Columbella mercatoria</i>	3
<i>Erichsonella filiformis isabelensis</i>	1	<i>Columbella rusticoides</i>	39
<i>Cymadusa compta</i>	37	<i>Anachis hotessieriana</i>	2
<i>Dulichieilla appendiculata</i>	23	<i>Marginella apicina</i>	2
<i>Heterophlias seclusus</i>	7	<i>Hyalina veliei</i>	1
<i>Periclimenes iridescens</i>	11	<i>Bulla striata</i>	1
<i>Hippolyte zostericola</i>	78	<i>Haminoea antillarum</i>	3
<i>Thor floridanus</i>	432	Ascidiacea spp.	10
<i>Pagurus</i> n. sp. A	9	<i>Lucania parva</i>	13
<i>Pitho anisodon</i>	1	<i>Gerres cinereus</i>	2
<i>Turbo castanea</i>	31	<i>Lachnolaimus maximus</i>	1
<i>Tricolia affinis</i>	29	<i>Paraclinus marmoratus</i>	4
<i>Modulus modolus</i>	55		

**Station 13**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Actinia</i> sp. A	5	Sabellidae	7
Turbellaria spp.	3	Serpulidae	1
Nemertinea spp.	3	Spionidae	6
Nematoda spp.	11	Syllidae	44
Capitellidae	32	Terebellidae	1
Chrysopetalidae	1	<i>Phascolion cryptus</i>	6
Dorvilleidae	2	<i>Paranebalia longipes</i>	1
Nereidae	5	Apseudes sp. A	1
Orbiniidae	3	Zeuxo sp. A	1
Phyllodocidae	1	Paratanidae spp.	11

<i>Paraphoxus floridanus</i>	1	<i>Astraea tecta americana</i>	1
<i>Periclimenes americanus</i>	2	<i>Modulus modulus</i>	82
<i>Alpheus normanni</i>	1	<i>Cerithium eburneum</i>	11
<i>Latreutes fucorum</i>	1	<i>Columbella rusticoides</i>	12
<i>Thor</i> sp. indet.	1	<i>Cantharus multangulus</i>	1
<i>Paguristes tortugae</i>	4	<i>Nassarius albus</i>	1
<i>Pagurus</i> n. sp. A	6	<i>Bulla striata</i>	1
<i>Pagurus stimpsoni</i>	2	<i>Ischnochiton papillosus</i>	8
<i>Pagurus</i> sp. indet.	3	<i>Chione cancellata</i>	1
<i>Pitho anisodon</i>	1	<i>Ophiostigma isacanthum</i>	1
<i>Portunus</i> sp. indet.	1	Ascidiacea spp.	1
<i>Acmaea pustulata</i>	12	<i>Gerres cinereus</i>	1
<i>Turbo castanea</i>	4	<i>Nicholsina usta</i>	1
<i>Astraea phoebia</i>	8	<i>Monacanthus ciliatus</i>	1

#### Station 14

Organism	Number in Trawl	Organism	Number in Trawl
<i>Porites furcata</i>	1	<i>Modulus modulus</i>	28
Nemertinea spp.	1	<i>Crepidula maculosa</i>	1
Eunicidae	5	<i>Crepidula aculeata</i>	2
Hesionidae	1	<i>Murex recurvirostris rubidus</i>	1
Syllidae	1	<i>Columbella mercatoria</i>	3
Terebellidae	1	<i>Conus jaspideus</i>	4
<i>Paranebalia longipes</i>	1	<i>Acanthochitona pygmaea</i>	1
<i>Carpas minutus</i>	1	<i>Glycymeris pectinata</i>	30
<i>Mesanthura decorata</i>	1	<i>Laevicardium laevigatum</i>	1
<i>Carinobatea carinata</i>	1	<i>Laevicardium mortoni</i>	3
<i>Paguristes tortugae</i>	17	<i>Americardia media</i>	1
<i>Pagurus</i> n. sp. A	2	<i>Lytechinus variegatus</i>	41
<i>Astraea phoebia</i>	12	<i>Amphipholis squamata</i>	1
<i>Astraea tecta americana</i>	26	<i>Ophiactis savignyi</i>	2

#### Station 15

Organism	Number in Trawl	Organism	Number in Trawl
<i>Mycale</i> cf. <i>angulosa</i>	1	<i>Laevicardium mortoni</i>	1
<i>Balanus venustus</i>	1	<i>Micrognathus criniger</i>	2
<i>Paracerceis caudata</i>	1	<i>Haemulon flavolineatum</i>	1
<i>Cymadusa compta</i>	3		
<i>Carinobatea carinata</i>	2		
<i>Dulichella appendiculata</i>	5		
<i>Erichthonius brasiliensis</i>	2		
<i>Hippolyte zostericola</i>	4		
<i>Thor floridanus</i>	6		
<i>Pagurus</i> n. sp. A	2		
<i>Vermicularia spirata</i>	1		
<i>Modulus modulus</i>	58		
<i>Bittium varium</i>	7		
<i>Columbella rusticoides</i>	8		

**Station 16**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Aplysina fistularis</i> forma <i>fulva</i>	2	<i>Elasmopus</i> n. sp.	12
<i>Actinia</i> sp. A	2	<i>Elasmopus rapax</i>	6
<i>Siderastrea radians</i>	1	<i>Heterophlias seclusus</i>	3
Turbellaria spp.	6	<i>Deutella mayeri</i>	10
Amphinomidae	7	<i>Paguristes invisissacculus</i>	2
Eunicidae	4	<i>Podochela riisei</i>	1
Hesionidae	1	<i>Tegula fasciata</i>	1
Lumbrineridae	2	<i>Cerithium litteratum</i>	10
Nereidae	4	<i>Columbella rusticoides</i>	1
Polynoidae	1	Aeolidiidae sp. A	1
Syllidae	7	<i>Periglypta listeri</i>	1
Terebellidae	5	<i>Leptosynapta parvipatina</i>	1
<i>Paratanidae</i> spp.	2	<i>Ophiothrix oerstedii</i>	1
<i>Carpas minutus</i>	5	<i>Amphiura stimpsoni</i>	3
<i>Paracerceis caudata</i>	2	<i>Ophionereis reticulata</i>	13
<i>Cirolana parva</i>	1	<i>Ophiostigma isacanthum</i>	1
<i>Apanthura magnifica</i>	1	<i>Ophiactis savignyi</i>	2
<i>Ceradocus sheardi</i>	29		

**Station 17**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Chondrilla nucula</i>	10	<i>Neopanope packardii</i>	1
Turbellaria spp.	1	<i>Panopeus occidentalis</i>	1
Nereidae	23	<i>Caecum pulchellum</i>	1
Syllidae	2	<i>Bittium varium</i>	24
<i>Paracerceis caudata</i>	7	<i>Columbella rusticoides</i>	3
<i>Erichsonella filiformis isabelensis</i>	2	<i>Cantharus multangulus</i>	4
<i>Cymadusa compta</i>	3	<i>Marginella eburneola</i>	1
<i>Cymadusa filosa</i>	6	<i>Haminoea antillarum</i>	1
<i>Lembos unicornis</i>	2	<i>Brachidontes exustus</i>	1
<i>Dulichsiella appendiculata</i>	9	<i>Lima pellucida</i>	2
<i>Elasmopus rapax</i>	3	<i>Carditamera floridana</i>	1
<i>Penaeus duorarum duorarum</i>	1	<i>Ophiactis savignyi</i>	2
<i>Leander tenuicornis</i>	1	<i>Opsanus beta</i>	1
<i>Hippolyte zostericola</i>	51	<i>Lutjanus synagris</i>	1
<i>Thor floridanus</i>	31	<i>Gerres cinereus</i>	2
<i>Pagurus</i> n. sp. A	20	<i>Callionymus pauciradiatus</i>	1
<i>Callinectes ornatus</i>	1		

**Station 18**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Lysianassa alba</i>	2	<i>Bittium varium</i>	1
<i>Modulus modolus</i>	1		

**Station 19**

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	1	<i>Xenanthura brevitelson</i>	2
<i>Phascolion cryptus</i>	1	<i>Modulus modolus</i>	3

**Station 20**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Aplysina cauliformis</i>	2	<i>Lembos unifasciatus</i>	1
<i>Haliclona cf. molitba</i>	5	<i>Leucothoe spinicarpa</i>	10
<i>Haliclona aqueductus</i>	4	<i>Synalpheus minus</i>	4
<i>Callyspongia fallax</i>	31	<i>Tegula fasciata</i>	1
<i>Xestospongia subtriangularis</i>	1	<i>Astraea phoebia</i>	3
<i>Iotrochta birotulata</i>	1	<i>Astraea tecta americana</i>	3
<i>Myriastria kallifetilla</i>	1	<i>Modulus modolus</i>	88
Turbellaria spp.	2	<i>Cerithium eburneum</i>	1
Amphinomidae	1	<i>Mitrella argus</i>	1
Eunicidae	6	<i>Ischnochiton papillosus</i>	2
Nereidae	2	<i>Glycymeris pectinata</i>	2
Phyllodocidae	1	<i>Lytechinus variegatus</i>	28
Sabellidae	6	<i>Ophiothrix oerstedii</i>	4
Syllidae	18	<i>Ophiactis savignyi</i>	5
<i>Phascolion cf. caupo</i>	2	<i>Ophiopsila riisei</i>	2
<i>Paranebalia longipes</i>	5	<i>Hippocampus erectus</i>	1
<i>Paracerceis caudata</i>	7	<i>Sparisoma cf. chrysopterum</i>	1
<i>Ampelisca schellenbergi</i>	1	<i>Monacanthus ciliatus</i>	1
<i>Amphilocheus neopolitanus</i>	2		

**Station 21**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Ircinia felix</i>	1	<i>Paranebalia longipes</i>	3
<i>Aplysina cauliformis</i>	1	<i>Lembos unicornis</i>	1
<i>Actinia sp. A</i>	6	<i>Leucothoe spinicarpa</i>	4
Amphinomidae	1	<i>Periclimenes americanus</i>	1
Lumbrineridae	1	<i>Latreutes fucorum</i>	1
Nereidae	2	<i>Thor floridanus</i>	2
Sabellidae	1	<i>Paguristes tortugae</i>	1
Syllidae	2	<i>Portunus depressifrons</i>	1
<i>Phascolion cryptus</i>	1	<i>Portunus sp. A</i>	1



<i>Acmaea pustulata</i>	6	<i>Nassarius albus</i>	2
<i>Calliostoma adela</i>	1	<i>Ischnochiton papillosus</i>	2
<i>Tegula fasciata</i>	20	<i>Pinctada imbricata</i>	1
<i>Astraea phoebia</i>	25	<i>Lytechinus variegatus</i>	80
<i>Astraea tecta americana</i>	5	<i>Ophiostigma isacanthum</i>	2
<i>Tricolia affinis</i>	6	<i>Ophioderma brevispinum</i>	2
<i>Modulus modulus</i>	36	<i>Nicholsina usta</i>	1
<i>Cerithium eburneum</i>	47	<i>Sparisoma cf. chrysopterum</i>	1
<i>Seila adamsi</i>	1	<i>Paraclinus marmoratus</i>	1

#### Station 22

Organism	Number in Trawl	Organism	Number in Trawl
<i>Penaeus duorarum duorarum</i>	1	<i>Callinectes</i> spp. (juv.)	1

#### Station 23

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona</i> sp. A	1	<i>Astraea phoebia</i>	4
<i>Halichondria melanadocia</i>	1	<i>Modulus modulus</i>	1
<i>Actinia</i> sp. A	1	<i>Nicholsina usta</i>	1
<i>Pagurus</i> n. sp. A	5	<i>Monacanthus ciliatus</i>	1
<i>Pagurus stimpsoni</i>	1		

#### Station 24

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona doria</i>	5	<i>Thor manningi</i>	1
<i>Anthosigmella varians</i>	2	<i>Modulus modulus</i>	3
Phyllodocidae	1	<i>Murex recurvirostris rubidus</i>	1
Terebellidae	1	<i>Columbella mercatoria</i>	1
<i>Paranebalia longipes</i>	1	<i>Anomia simplex</i>	1
<i>Lembos unicornis</i>	1	<i>Ophiothrix oerstedii</i>	1
<i>Atylus urocarinatus</i>	1	<i>Sparisoma cf. chrysopterum</i>	1
<i>Leucothoe spinicarpa</i>	1	<i>Scorpaena brasiliensis</i>	1
<i>Periclimenes americanus</i>	3		

#### Station 25

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea etheria</i>	1	<i>Holothuria floridana</i>	1
<i>Pitho lherminieri</i>	1	<i>Lytechinus variegatus</i>	1
<i>Astraea phoebia</i>	1	<i>Doratonotus megalepis</i>	1
<i>Modulus modulus</i>	1	<i>Sparisoma cf. chrysopterum</i>	2
<i>Crepidula maculosa</i>	1		
<i>Barbatia cancellaria</i>	1		

**Station 26**

Organism	Number in Trawl	Organism	Number in Trawl
Lumbrineridae	1	<i>Erichthonius brasiliensis</i>	2
Phyllodocidae	1	<i>Photis</i> sp.	2
Syllidae	1	<i>Caecum pulchellum</i>	1
<i>Ampelisca abdita</i>	2	<i>Acanthostracion quadricornis</i>	1
<i>Lembos unifasciatus</i>	4		

**Station 27**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Ircinia felix</i>	3	<i>Lysianassa alba</i>	3
? <i>Dysidea etheria</i>	2	<i>Penaeus duorarum duorarum</i>	3
? <i>Dysidea</i> sp. A	5	<i>Periclimenes americanus</i>	2
<i>Haliclona viridis</i>	1	<i>Periclimenes iridescens</i>	1
<i>Haliclona aqueductus</i>	1	<i>Hippolyte zostericola</i>	23
<i>Haliclona doria</i>	1	<i>Thor dobkini</i>	2
<i>Haliclona</i> sp. A	1	<i>Thor floridanus</i>	2
<i>Niphates erecta</i>	1	<i>Tozeuma carolinense</i>	2
<i>Tedania ignis</i>	6	<i>Pagurus</i> n. sp. A	1
? <i>Halichondria</i> sp. A	1	<i>Petrolisthes armatus</i>	5
<i>Anthosigmella varians</i>	7	<i>Callinectes</i> spp. (juv.)	1
Eunicidae	1	<i>Menippe mercenaria</i>	2
Hesionidae	1	<i>Neopanope packardii</i>	4
Nereidae	2	<i>Crepidula maculosa</i>	2
Polynoidae	1	<i>Cantharus multangulus</i>	1
Syllidae	1	<i>Anomia simplex</i>	2
<i>Paracerceis caudata</i>	15	<i>Lima pellucida</i>	2
<i>Excorollana</i> sp.	1	<i>Trachycardium muricatum</i>	1
<i>Erichsonella floridana</i>	3	<i>Laevicardium mortoni</i>	1
<i>Cymadusa filosa</i>	6	<i>Lytechinus variegatus</i>	3
<i>Carinobatea carinata</i>	3	<i>Ophiactis savignyi</i>	9
<i>Dulichieilla appendiculata</i>	1	<i>Hippocampus zosterae</i>	1
<i>Leucothoe spinicarpa</i>	2	<i>Paraclinus fasciatus</i>	1

**Station 28**

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	2	<i>Anomia simplex</i>	3
Hesionidae	1	<i>Astropecten duplicatus</i>	8
Nereidae	1		
Spionidae	3		
<i>Paratanidae</i> spp.	1		
<i>Lembos brunneomaculatus</i>	2		
<i>Lembos unicornis</i>	2		
<i>Microdeutopus myersi</i>	4		
<i>Batea catharinensis</i>	1		
<i>Ischnochiton papillosus</i>	1		

**Station 29**

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea etheria</i>	1	<i>Hippolyte zostericola</i>	10
? <i>Dysidea</i> sp. A	27	<i>Latreutes fucorum</i>	4
<i>Niphates erecta</i>	4	<i>Tozeuma carolinense</i>	4
<i>Anthosigmella varians</i>	4	<i>Portunus ordwayi</i>	1
Nereidae	1	<i>Portunus spinimanus</i>	1
<i>Paracerceis caudata</i>	6	<i>Neopanope packardii</i>	2
<i>Excorollana</i> sp.	1	<i>Turbo castanea</i>	1
<i>Batea catharinensis</i>	1	<i>Favartia cellulosa</i>	1
<i>Leucothoides pottsii</i>	9	<i>Cantharus multangulus</i>	1
<i>Penaeus duorarum duorarum</i>	4	<i>Chione cancellata</i>	1
<i>Periclimenes americanus</i>	1	Ascidiacea spp.	3
<i>Alpheus normanni</i>	2	<i>Syngnathus floridae</i>	1

**Station 30**

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea</i> sp. A	1	<i>Leander tenuicornis</i>	1
<i>Haliclona</i> cf. <i>molitba</i>	1	<i>Alpheus floridanus</i>	1
<i>Haliclona</i> sp. A	1	<i>Alpheus normanni</i>	15
<i>Tedania ignis</i>	3	<i>Alpheus</i> sp. indet.	1
Turbellaria spp.	2	<i>Thor dobkini</i>	4
Nemertinea spp.	2	<i>Libinia dubia</i>	1
Eunicidae	2	<i>Mithrax (Mithraculus) forceps</i>	1
Phyllodocidae	2	<i>Portunus depressifrons</i>	1
Sabellariidae	1	<i>Portunus gibbesii</i>	1
Sabellidae	1	<i>Neopanope packardii</i>	14
Syllidae	5	<i>Panopeus occidentalis</i>	1
Terebellidae	1	<i>Pilumnus lacteus</i>	2
<i>Excorollana</i> sp.	1	<i>Brachidontes exustus</i>	1
<i>Carinobatea carinata</i>	8	<i>Tellina martinicensis</i>	2
<i>Leucothoe spinicarpa</i>	1	<i>Lytechinus variegatus</i>	1
<i>Lysianassa alba</i>	1	<i>Ophiothrix oerstedii</i>	1
<i>Periclimenes americanus</i>	15	<i>Ophiactis savignyi</i>	5

**Station 31**

Organism	Number in Trawl	Organism	Number in Trawl
Turbellaria spp.	1	<i>Latreutes fucorum</i>	1
Phyllodocidae	5	<i>Brachidontes exustus</i>	1
<i>Ampelisca abdita</i>	1	<i>Anomia simplex</i>	3
<i>Lembos brunneomaculatus</i>	1	<i>Chione cancellata</i>	1
<i>Lembos unicornis</i>	2	<i>Lytechinus variegatus</i>	7
<i>Microdeutopus myersi</i>	2	<i>Astropecten duplicatus</i>	2
<i>Erichthonius rubricornis</i>	4		

**Station 32**

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea</i> sp. A	2	<i>Erichthonius brasiliensis</i>	10
<i>Haliclona doria</i>	1	<i>Erichthonius rubricornis</i>	11
<i>Callyspongia fallax</i>	10	<i>Leucothoe spinicarpa</i>	71
<i>Niphates erecta</i>	1	<i>Lysianassa alba</i>	4
<i>Geodia gibberosa</i>	1	<i>Hippolyte pleuracantha</i>	1
<i>Chondrilla nucula</i>	1	<i>Hippolyte zostericola</i>	8
Turbellaria spp.	1	<i>Tozeuma carolinense</i>	5
Nematoda spp.	3	<i>Pagurus</i> n. sp. A	5
Chrysopetalidae	1	<i>Neopanope packardii</i>	1
Dorvilleidae	1	<i>Astraea phoebia</i>	4
Nereidae	87	<i>Meioceras nitida</i>	2
Phyllodocidae	10	<i>Crepidula maculosa</i>	1
Serpulidae	3	<i>Columbella rusticoidea</i>	11
Syllidae	122	<i>Anachis avara</i>	1
Terebellidae	3	<i>Marginella lavalleana</i>	1
<i>Argulus</i> sp. A	1	<i>Ischnochiton papillosus</i>	4
<i>Apseudes</i> sp. A	23	<i>Modiolus modiolus squamosus</i>	1
<i>Carpas stylodactylus</i>	6	<i>Anomia simplex</i>	1
<i>Paracerceis caudata</i>	3	<i>Amphiodia pulchella</i>	1
<i>Grandidierella bonnieroides</i>	4	<i>Ophiactis savignyi</i>	25
<i>Lembos dentischium</i>	6	Ascidiacea spp.	1
<i>Lembos rectangulatus</i>	3	<i>Nicholsina usta</i>	1
<i>Lembos unicornis</i>	7	<i>Sparisoma</i> cf. <i>chrysopterum</i>	1
<i>Colomastix janiceae</i>	4	<i>Monacanthus ciliatus</i>	4
<i>Elasmopus laevis</i>	4		

**Station 33**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Penaeus duorarum duorarum</i>	1	<i>Chione cancellata</i>	1
<i>Panthenope granulata</i>	1	<i>Astropecten duplicatus</i>	7
<i>Tellina martinicensis</i>	3		

**Station 34**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Ircinia felix</i>	1	Syllidae	30
? <i>Dysidea etheria</i>	1	Terebellidae	8
<i>Haliclona</i> cf. <i>molitba</i>	1	Paratanidae spp.	1
<i>Haliclona viridis</i>	1	<i>Cymadusa filosa</i>	2
<i>Haliclona doria</i>	1	<i>Lembos unifasciatus</i>	2
<i>Niphates erecta</i>	1	<i>Leucothoe spinicarpa</i>	1
<i>Tedania ignis</i>	1	<i>Lysianassa alba</i>	3
Nereidae	8	<i>Penaeus duorarum duorarum</i>	1

<i>Panulirus argus</i>	1	<i>Hippocampus erectus</i>	1
<i>Neopanope packardii</i>	1	<i>Hippocampus zosterae</i>	1
<i>Columbella rusticoidea</i>	1	<i>Micrognathus criniger</i>	1

### Station 35

Organism	Number in Trawl	Organism	Number in Trawl
<i>Tedania ignis</i>	1	<i>Tozeuma carolinense</i>	1
<i>Actinia</i> sp. A	72	<i>Pagurus</i> n. sp. A	5
Turbellaria spp.	11	<i>Petrolisthes</i> sp. indet.	1
Nereidae	63	<i>Neopanope packardii</i>	15
Sabellidae	6	<i>Panopeus occidentalis</i>	4
Syllidae	41	<i>Turbo castanea</i>	1
<i>Carpas stylodactylus</i>	2	<i>Astraea phoebia</i>	1
<i>Paracerceis caudata</i>	122	<i>Tricolia affinis</i>	2
<i>Erichsonella filiformis isabelensis</i>	1	<i>Meioceras nitida</i>	4
<i>Erichsonella floridana</i>	3	<i>Bittium varium</i>	60
<i>Ampelisca abdita</i>	2	<i>Crepidula maculosa</i>	1
<i>Cymadusa compta</i>	9	<i>Columbella rusticoidea</i>	3
<i>Cymadusa filosa</i>	13	<i>Anachis hotessieriana</i>	1
<i>Anamixis hansenii</i>	4	<i>Marginella apicina</i>	4
<i>Lembos unicornis</i>	4	<i>Marginella aureocincta</i>	5
<i>Dulichieilla appendiculata</i>	16	<i>Hyalina veliei</i>	1
<i>Erichthonius brasiliensis</i>	11	<i>Bursatella leachii pleii</i>	1
<i>Erichthonius rubricornis</i>	6	<i>Anadara notabilis</i>	2
<i>Leucothoe spinicarpa</i>	3	<i>Brachidontes exustus</i>	11
<i>Lysianassa alba</i>	25	<i>Modiolus modiolus squamosus</i>	2
<i>Penaeus duorarum duorarum</i>	3	<i>Lima pellucida</i>	1
<i>Periclimenes americanus</i>	145	<i>Chione cancellata</i>	1
<i>Periclimenes iridescens</i>	1	<i>Lytechinus variegatus</i>	2
<i>Leander tenuicornis</i>	1	<i>Hippocampus zosterae</i>	1
<i>Hippolyte zostericola</i>	340	<i>Gerres cinereus</i>	1
<i>Latreutes fucorum</i>	2	<i>Gobiosoma robustum</i>	1
<i>Thor floridanus</i>	276	<i>Monacanthus ciliatus</i>	2

### Station 36

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona</i> sp. A	2	<i>Paranebalia longipes</i>	1
Capitellidae	1	<i>Paracerceis caudata</i>	2
Goniadidae	1	<i>Cymadusa filosa</i>	6
Lumbrineridae	5	<i>Batea catharinensis</i>	1
Nereidae	5	<i>Dulichieilla appendiculata</i>	1
Onuphidae	1	<i>Erichthonius rubricornis</i>	2
Oweniidae	2	<i>Leucothoe spinicarpa</i>	1
Sabellidae	1	<i>Lysianassa alba</i>	2
Serpulidae	1	<i>Penaeus duorarum duorarum</i>	1
Syllidae	1	<i>Periclimenes americanus</i>	18
Terebellidae	3	<i>Alpheus armillatus</i>	2
<i>Balanus improvisus</i>	7	<i>Alpheus normanni</i>	1

<i>Pagurus</i> n. sp. A	2	<i>Neopanope packardii</i>	10
<i>Pagurus stimpsoni</i>	1	<i>Anadara notabilis</i>	2
<i>Macrocoeloma</i> cf. <i>trispinosum</i>	1	<i>Parvilucina multilineata</i>	1
<i>Pelia mutica</i>	1	<i>Tellina martinicensis</i>	1
<i>Callinectes ornatus</i>	1	<i>Chione cancellata</i>	2
<i>Callinectes</i> spp. (juv.)	2	<i>Ophiactis savignyi</i>	2
<i>Portunus gibbesii</i>	1	juv. type B	3
<i>Haxapanopeus caribbaeus</i>	3	<i>Lophogobius cyprinoides</i>	1

### Station 37

Organism	Number in Trawl	Organism	Number in Trawl
Oweniidae	1	<i>Erichthonius brasiliensis</i>	6
<i>Paratanidae</i> spp.	3	<i>Callinectes sapidus</i>	1
<i>Cymadusa compta</i>	2	<i>Musculus lateralis</i>	2
<i>Cerapus</i> n. sp.	2		

### Station 38

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	2	<i>Erichthonius brasiliensis</i>	4
Ampharetidae	1	<i>Thor manningi</i>	1
Goniadidae	1	<i>Caecum pulchellum</i>	1
Nereidae	1	<i>Haminoea succinea</i>	1
Onuphidae	1	<i>Trachycardium muricatum</i>	2
Spionidae	3	<i>Pitar simpsoni</i>	2
Syllidae	1	<i>Astichopus multifidus</i>	1
<i>Lembos unicornis</i>	2	Ascidiacea spp.	5

### Station 39

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona</i> cf. <i>molitba</i>	1	<i>Dentalium antillarum</i>	3
<i>Foliolina peltata</i>	2	<i>Laevicardium mortoni</i>	1
<i>Tedania ignis</i>	17	<i>Tellina martinicensis</i>	1
Terebellidae	1	<i>Tellina versicolor</i>	1
<i>Phascolion cryptus</i>	25	<i>Chione cancellata</i>	19
<i>Penaeus duorarum duorarum</i>	4	<i>Pitar simpsoni</i>	1
<i>Synalpheus apioceros</i>	2	<i>Astropecten duplicatus</i>	1
<i>Callinectes</i> spp. (juv.)	1	<i>Ophiactis savignyi</i>	168
<i>Portunus gibbesii</i>	1	<i>Callionymus pauciradiatus</i>	1
<i>Panopeus occidentalis</i>	1		

#### Station 40

Organism	Number in Trawl	Organism	Number in Trawl
Ampharetidae	1	<i>Processa</i> sp. indet.	1
Goniadidae	1	<i>Pagurus</i> n. sp. A	6
Lumbrineridae	4	<i>Pagurus stimpsoni</i>	2
Nereidae	5	<i>Panthenope granulata</i>	1
Sabellidae	1	<i>Callinectes</i> spp. (juv.)	4
Spionidae	1	<i>Portunus depressifrons</i>	1
<i>Phascolion cryptus</i>	4	<i>Conus jaspideus</i>	4
<i>Paratanidae</i> spp.	1	<i>Galeommatacea</i> sp. A	1
<i>Paracerceis caudata</i>	11	<i>Trachycardium egmontianum</i>	1
<i>Erichsonella filiformis isabelensis</i>	1	<i>Laevicardium mortoni</i>	3
<i>Cymadusa compta</i>	4	<i>Chione cancellata</i>	16
<i>Lembos smithi</i>	1	<i>Pitar simpsoni</i>	7
<i>Erichthonius brasiliensis</i>	3	Holothuroidea sp. A	1
<i>Lysianassa alba</i>	6	<i>Ophiostigma isacanthum</i>	1
<i>Penaeus duorarum duorarum</i>	15	Ascidacea spp.	1
<i>Latreutes fucorum</i>	1	<i>Achirus lineatus</i>	1

#### Station 41

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea</i> sp. A	1	<i>Periclimenes longicaudatus</i>	4
<i>Tedania ignis</i>	19	<i>Alpheus normanni</i>	3
Actiniidae sp. C	1	<i>Synalpheus hemphilli</i>	2
Turbellaria spp.	2	<i>Hippolyte pleuracantha</i>	5
Nemertinea spp.	1	<i>Hippolyte zostericola</i>	23
Capitellidae	1	<i>Latreutes fucorum</i>	6
Flabelligeridae	1	<i>Thor floridanus</i>	16
Nereidae	17	<i>Tozeuma carolinense</i>	3
Polynoidae	1	<i>Pagurus</i> n. sp. A	6
Sabellidae	2	<i>Libinia erinacea</i>	1
Syllidae	is	<i>Macrocoeloma</i> cf. <i>trispinosum</i>	1
<i>Paratanidae</i> spp.	2	<i>Neopanope packardii</i>	1
<i>Paracerceis caudata</i>	38	<i>Pilumnus</i> sp. indet.	1
<i>Erichsonella floridana</i>	1	<i>Vermicularia knorrii</i>	1
<i>Ampelisca abdita</i>	1	<i>Bittium varium</i>	1
<i>Cymadusa filosa</i>	35	<i>Erato maugeriae</i>	1
<i>Lembos dentischium</i>	4	<i>Columbella rusticoides</i>	1
<i>Lembos kunkelae</i>	4	<i>Anachis hotessieriana</i>	1
<i>Lembos rectangulatus</i>	4	<i>Cantharus multangulus</i>	8
<i>Lembos unicornis</i>	4	<i>Marginella apicina</i>	1
<i>Batea catharinensis</i>	5	<i>Marginella aureocincta</i>	6
<i>Colomastix janiceae</i>	4	<i>Bulla striata</i>	1
<i>Elasmopus laevis</i>	4	<i>Haminoea succinea</i>	1
<i>Leucothoe spinicarpa</i>	25	<i>Bursatella leachii pleii</i>	14
<i>Lysianassa alba</i>	3	<i>Nucula proxima</i>	1
<i>Heterophlias seclusus</i>	5	<i>Anadara notabilis</i>	3
<i>Penaeus duorarum duorarum</i>	4	<i>Modiolus modiolus squamosus</i>	1
<i>Periclimenes americanus</i>	17	<i>Anomia simplex</i>	1

<i>Ophiactis savignyi</i>	6	<i>Lagodon rhomboides</i>	1
<i>Opsanus beta</i>	1	<i>Nicholsina usta</i>	1
<i>Orthopristis chrysoptera</i>	1	<i>Monacanthus ciliatus</i>	1

#### Station 42

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	1	<i>Pagurus</i> n. sp. A	1
Lumbrineridae	1	<i>Callinectes ornatus</i>	1
<i>Penaeus duorarum duorarum</i>	6	<i>Astropecten duplicatus</i>	11
<i>Thor dobkini</i>	2		

#### Station 43

Organism	Number in Trawl	Organism	Number in Trawl
<i>Chondrilla nucula</i>	1	<i>Nassarius vibex</i>	1
Nemertinea spp.	1	<i>Dentalium antillarum</i>	2
Cirratulidae	1	<i>Nucula proxima</i>	2
Lumbrineridae	17	<i>Anomia simplex</i>	4
Sabellidae	3	<i>Linga amiantus</i>	1
Sigalionidae	1	<i>Laevicardium mortoni</i>	1
Spionidae	1	<i>Tellina versicolor</i>	1
<i>Phascolion cryptus</i>	93	<i>Tagelus divisus</i>	2
<i>Microdeutopus myersi</i>	2	<i>Chione cancellata</i>	79
<i>Penaeus duorarum duorarum</i>	5	<i>Pitar simpsoni</i>	1
<i>Pagurus</i> n. sp. A	1	<i>Cyclinella tenuis</i>	4
<i>Callinectes sapidus</i>	1	<i>Amphioplus abdita</i>	8
<i>Haxapanopeus caribbaeus</i>	1		

#### Station 44

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Halichondria</i> sp. A	1	<i>Cymadusa compta</i>	53
<i>Chondrilla nucula</i>	4	<i>Cymadusa filosa</i>	28
Turbellaria spp.	9	<i>Lembos unicornis</i>	19
Cirratulidae	1	<i>Batea catharinensis</i>	20
Eunicidae	1	<i>Cerapus</i> n. sp.	1
Hesionidae	1	<i>Dulichella appendiculata</i>	200
Nereidae	48	<i>Elasmopus laevis</i>	10
Sabellidae	21	<i>Protohadzia schoenerae</i>	2
Syllidae	4	<i>Erichthonius brasiliensis</i>	41
Sipuncula C	1	<i>Lysianassa alba</i>	27
<i>Carpas stylodactylus</i>	1	<i>Heterophlias seclusus</i>	11
<i>Paracerceis caudata</i>	142	<i>Penaeus duorarum duorarum</i>	10
<i>Erichsonella filiformis isabelensis</i>	4	<i>Periclimenes americanus</i>	178
<i>Erichsonella floridana</i>	17	<i>Periclimenes longicaudatus</i>	1
<i>Ampelisca vadorum</i>	2	<i>Latreutes fucorum</i>	13
<i>Amphilocheus neopolitanus</i>	13	<i>Thor floridanus</i>	522



<i>Pagurus</i> n. sp. A	8	<i>Acteocina canaliculata</i>	2
<i>Pelia mutica</i>	1	<i>Haminoea succinea</i>	1
<i>Haxapanopeus caribbaeus</i>	3	<i>Bursatella leachii pleii</i>	1
<i>Neopanope packardii</i>	28	<i>Ischnochiton papillosus</i>	1
<i>Panopeus occidentalis</i>	2	<i>Nucula proxima</i>	1
<i>Turbo castanea</i>	1	<i>Anadara notabilis</i>	1
<i>Tricolia affinis</i>	1	<i>Brachidontes exustus</i>	8
<i>Caecum pulchellum</i>	3	<i>Carditamera floridana</i>	1
<i>Meioceras nitida</i>	36	<i>Trachycardium muricatum</i>	1
<i>Bittium varium</i>	3	<i>Laevicardium mortoni</i>	1
<i>Triphora nigrocincta</i>	1	<i>Chione cancellata</i>	6
<i>Eulima jamaicensis</i>	1	<i>Rupellaria typica</i>	1
<i>Crepidula maculosa</i>	1	<i>Hiatella arctica</i>	1
<i>Columbella rusticoidea</i>	1	<i>Echinaster sentus</i>	2
<i>Mitrella lunata</i>	3	<i>Ophiactis savignyi</i>	3
<i>Cantharus multangulus</i>	5	Ascidiacea spp.	4
<i>Marginella apicina</i>	11	<i>Micrognathus criniger</i>	2
<i>Marginella eburneola</i>	6	<i>Callionymus pauciradiatus</i>	1
<i>Marginella aureocincta</i>	1	<i>Gobiosoma robustum</i>	3
<i>Hyalina veliei</i>	1	<i>Achirus lineatus</i>	1

#### Station 45

Organism	Number in Trawl	Organism	Number in Trawl
Nemertinea spp.	2	<i>Pagurus stimpsoni</i>	1
Nereidae	2	<i>Tricolia affinis</i>	1
Sabellidae	1	<i>Crepidula maculosa</i>	1
Syllidae	1	<i>Columbella rusticoidea</i>	2
<i>Paracerceis caudata</i>	6	<i>Anachis avara</i>	6
<i>Amphilocheus neopolitanus</i>	2	<i>Cantharus multangulus</i>	9
<i>Cymadusa filosa</i>	13	<i>Nassarius vibex</i>	1
<i>Lembos unicornis</i>	3	<i>Conus jaspideus</i>	1
<i>Microdeutopus myersi</i>	6	<i>Modiolus modiolus squamosus</i>	1
<i>Batea catharinensis</i>	6	<i>Argopecten irradians concentricus</i>	1
<i>Erichthonius brasiliensis</i>	16	<i>Anomia simplex</i>	4
<i>Leucothoe spinicarpa</i>	4	<i>Trachycardium muricatum</i>	2
<i>Lysianassa alba</i>	37	<i>Laevicardium mortoni</i>	1
<i>Penaeus duorarum duorarum</i>	8	<i>Chione cancellata</i>	3
<i>Periclimenes americanus</i>	3	<i>Pitar simpsoni</i>	1
<i>Leander tenuicornis</i>	1	<i>Axiognathus squamatus</i>	1
<i>Hippolyte zostericola</i>	16	Ascidiacea spp.	6
<i>Latreutes fucorum</i>	14	<i>Hippocampus zosterae</i>	1
<i>Thor dobkini</i>	5	<i>Callionymus pauciradiatus</i>	1
<i>Thor floridanus</i>	29	<i>Monacanthus hispidus</i>	1
<i>Tozeuma carolinense</i>	17	<i>Monacanthus ciliatus</i>	1
<i>Pagurus</i> n. sp. A	10	<i>Chilomycterus schoepfii</i>	1

### Station 46

Organism	Number in Trawl	Organism	Number in Trawl
<i>Lumbrineridae</i>	1	<i>Modulus modulus</i>	1
<i>Nereidae</i>	2	<i>Crepidula plana</i>	1
<i>Pectinariidae</i>	3	<i>Eupleura sulcidentata</i>	1
<i>Syllidae</i>	1	<i>Nassarius vibex</i>	3
<i>Phascolion cryptus</i>	2	<i>Conus jaspideus</i>	2
<i>Dulichieilla appendiculata</i>	1	<i>Anomia simplex</i>	1
<i>Pagurus</i> n. sp. A	1	<i>Macoma</i> sp. A	6
<i>Haxapanopeus caribbaeus</i>	2	<i>Tagelus divisus</i>	1
Insect larva	1	<i>Pitar simpsoni</i>	3

### Station 47

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona viridis</i>	1	<i>Lysianassa alba</i>	33
Turbellaria spp.	6	<i>Heterophlias seclusus</i>	4
Nemertinea spp.	3	<i>Alpheus armillatus</i>	2
Capitellidae	1	<i>Thor floridanus</i>	163
Chrysopetalidae	1	<i>Pagurus</i> n. sp. A	3
Cirratulidae	5	<i>Libinia erinacea</i>	1
Dorvilleidae	1	<i>Neopanope packardii</i>	7
Eunicidae	1	<i>Panopeus bermudensis</i>	3
Hesionidae	10	<i>Panopeus occidentalis</i>	1
Nereidae	1	<i>Diodora cayenensis</i>	1
Orbiniidae	9	<i>Turbo castanea</i>	1
Phyllodocidae	5	<i>Vermicularia spirata</i>	35
Sabellidae	33	<i>Cerithium eburneum</i>	21
Spionidae	22	<i>Columbella rusticoides</i>	2
Syllidae	77	<i>Anachis hotessieriana</i>	1
Terebellidae	10	<i>Cantharus multangulus</i>	1
Trichobranchidae	19	<i>Nassarius albus</i>	2
Acrocirridae	20	<i>Thala foveata</i>	2
<i>Copepoda</i> spp.	1	<i>Bulla striata</i>	1
<i>Heteromysis</i> cf. <i>nouveli</i>	2	<i>Cylindrobulla beauii</i>	5
<i>Paratanidae</i> spp.	2	<i>Arca zebra</i>	1
<i>Carpas stylodactylus</i>	13	<i>Barbatia cancellaria</i>	2
<i>Paracerceis caudata</i>	12	<i>Arcopsis adamsi</i>	60
<i>Cymadusa filosa</i>	12	<i>Modiolus modiolus squamosus</i>	1
<i>Anamixis hanseni</i>	2	<i>Lima pellucida</i>	7
<i>Lembos tigrinus</i>	3	<i>Carditamera floridana</i>	1
<i>Lembos unicornis</i>	6	<i>Laevicardium mortoni</i>	1
<i>Dulichieilla appendiculata</i>	13	<i>Chione cancellata</i>	17
<i>Elasmopus rapax</i>	6	<i>Pitar simpsoni</i>	1
<i>Leucothoides pottsii</i>	4	<i>Leptosynapta parvipatina</i>	1
<i>Leucothoe spinicarpa</i>	7	<i>Opsanus beta</i>	2

### Station 48

Organism	Number in Trawl	Organism	Number in Trawl
<i>Nereidae</i>	28	<i>Vermicularia spirata</i>	1
<i>Sabellidae</i>	8	<i>Bittium varium</i>	4
<i>Syllidae</i>	2	<i>Columbella rusticoidea</i>	21
<i>Paracerceis caudata</i>	249	<i>Mitrella lunata</i>	1
<i>Erichsonella floridana</i>	5	<i>Anachis hotessieriana</i>	8
<i>Amphilocheus neopolitanus</i>	4	<i>Cantharus multangulus</i>	3
<i>Cymadusa compta</i>	16	<i>Marginella apicina</i>	5
<i>Cymadusa filosa</i>	6	<i>Marginella eburneola</i>	1
<i>Lembos unicornis</i>	3	<i>Elysia</i> sp. A	1
<i>Batea catharinensis</i>	6	<i>Bursatella leachii pleii</i>	19
<i>Dulichieilla appendiculata</i>	29	Aeolidiidae sp. A	1
<i>Erichthonius brasiliensis</i>	9	<i>Pinctada imbricata</i>	1
<i>Leucothoe spinicarpa</i>	6	<i>Carditamera floridana</i>	4
<i>Lysianassa alba</i>	19	<i>Echinaster sentus</i>	3
<i>Thor floridanus</i>	2	Ascidiacea spp.	42
<i>Pagurus</i> n. sp. A	14	<i>Opsanus beta</i>	3
<i>Haxapanopeus caribbaeus</i>	1	<i>Lucania parva</i>	1
<i>Neopanope packardii</i>	3	<i>Lagodon rhomboides</i>	4
<i>Panopeus occidentalis</i>	1	<i>Gobiosoma robustum</i>	1
<i>Meioceras nitida</i>	3		

### Station 49

Organism	Number in Trawl	Organism	Number in Trawl
? <i>Dysidea</i> sp. A	1	<i>Turbo castanea</i>	1
Turbellaria spp.	5	<i>Modulus modiolus</i>	20
Nemertinea spp.	1	<i>Columbella rusticoidea</i>	22
Goniadidae	1	<i>Mitrella lunata</i>	1
<i>Nereidae</i>	17	<i>Anachis hotessieriana</i>	72
<i>Sabellidae</i>	547	<i>Cantharus multangulus</i>	2
<i>Serpulidae</i>	2	<i>Nassarius albus</i>	5
<i>Paratanidae</i> spp.	2	<i>Marginella apicina</i>	1
<i>Paracerceis caudata</i>	119	<i>Marginella eburneola</i>	16
<i>Erichsonella floridana</i>	2	<i>Marginella aureocincta</i>	1
<i>Cymadusa filosa</i>	13	<i>Granulina ovuliformis</i>	1
<i>Lembos rectangulatus</i>	2	<i>Crassispira leucocyma</i>	2
<i>Lembos tigrinus</i>	3	<i>Bulla striata</i>	5
<i>Batea catharinensis</i>	8	<i>Elysia</i> sp. A	8
<i>Dulichieilla appendiculata</i>	23	<i>Ischnochiton papillosus</i>	2
<i>Penaeus duorarum duorarum</i>	2	<i>Brachidontes exustus</i>	2
<i>Leander tenuicornis</i>	1	<i>Carditamera floridana</i>	14
<i>Alpheus heterochaelis</i>	1	<i>Laevicardium mortoni</i>	2
<i>Hippolyte zostericola</i>	57	<i>Macoma</i> sp. A	4
<i>Thor floridanus</i>	12	<i>Chione cancellata</i>	9
<i>Pagurus</i> n. sp. A	12	<i>Holothuria floridana</i>	1
<i>Petrolisthes</i> sp. indet.	1	<i>Echinaster sentus</i>	28
<i>Libinia erinacea</i>	3	<i>Amphiura stimpsoni</i>	7
<i>Neopanope packardii</i>	1	<i>Lucania parva</i>	1

### Station 50

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona doria</i>	1	<i>Alpheus normanni</i>	2
<i>Microcionia</i> sp. A	1	<i>Alpheus</i> sp. indet.	2
<i>Leptogorgia</i> cf. <i>setacea</i>	1	<i>Hippolyte pleuracantha</i>	1
Nemertinea spp.	1	<i>Hippolyte zostericola</i>	57
Cirratulidae	3	<i>Latreutes fucorum</i>	9
Dorvilleidae	1	<i>Pagurus</i> n. sp. A	1
Goniadidae	1	<i>Callinectes sapidus</i>	1
Hesionidae	1	<i>Callinectes</i> spp. (juv.)	9
Lumbrineridae	2	<i>Portunus gibbesii</i>	1
Nereidae	48	<i>Haxapanopeus caribbaeus</i>	14
Onuphidae	1	<i>Neopanope packardii</i>	15
Phyllodocidae	1	<i>Vermicularia knorrrii</i>	1
Sabellariidae	1	<i>Bittium varium</i>	7
Sabellidae	93	<i>Mitrella lunata</i>	4
Sigalionidae	4	<i>Anachis obesa</i>	2
Spionidae	1	<i>Anachis hotessieriana</i>	3
Syllidae	9	<i>Cantharus multangulus</i>	1
Terebellidae	2	<i>Nassarius vibex</i>	7
<i>Phascolion cryptus</i>	1	<i>Marginella eburneola</i>	1
<i>Balanus improvisus</i>	2	<i>Acteocina canaliculata</i>	1
<i>Mysidopsis bigelowi</i>	6	<i>Bursatella leachii pleii</i>	11
<i>Paracerceis caudata</i>	67	Aeolidiidae sp. A	1
<i>Erichsonella filiformis isabelensis</i>	2	<i>Nucula proxima</i>	1
<i>Erichsonella floridana</i>	1	<i>Laevicardium mortoni</i>	5
<i>Ampelisca vadorum</i>	3	<i>Tellina versicolor</i>	1
<i>Lembos unicornis</i>	3	<i>Macoma</i> sp. A	1
<i>Batea catharinensis</i>	3	<i>Macoma tenta</i>	1
<i>Dulichieilla appendiculata</i>	6	<i>Tagelus divisus</i>	21
<i>Elasmopus rapax</i>	3	<i>Corbula</i> sp. A	12
<i>Erichthonius brasiliensis</i>	6	<i>Echinaster sentus</i>	1
<i>Lysianassa alba</i>	9	<i>Astropecten duplicatus</i>	1
<i>Heterophlias seclusus</i>	2	<i>Ophiactis savignyi</i>	3
<i>Penaeus duorarum duorarum</i>	42	<i>Lucania parva</i>	1
<i>Periclimenes americanus</i>	24	<i>Gobiosoma robustum</i>	5
<i>Periclimenes longicaudatus</i>	2	<i>Achirus lineatus</i>	2
<i>Leander tenuicornis</i>	2		

### Station 51

Organism	Number in Trawl	Organism	Number in Trawl
<i>Pectinariidae</i>	2	<i>Tagelus divisus</i>	1
<i>Phascolion cryptus</i>	15	<i>Astropecten duplicatus</i>	4
<i>Thor floridanus</i>	139		

### Station 52

Organism	Number in Trawl	Organism	Number in Trawl
Lumbrineridae	1	<i>Granulina ovuliformis</i>	1
Phyllodocidae	1	<i>Tellina alternata</i>	1
<i>Cymadusa filosa</i>	1	<i>Tagelus divisus</i>	11
<i>Dulichieilla appendiculata</i>	1	<i>Chione cancellata</i>	1
<i>Penaeus duorarum duorarum</i>	2	<i>Corbula</i> sp. A	1
<i>Marginella eburneola</i>	1	<i>Micropholis gracillima</i>	1
<i>Marginella lavalleana</i>	1		

### Station 53

Organism	Number in Trawl	Organism	Number in Trawl
<i>Actinia</i> sp. A	15	<i>Neopanope packardii</i>	2
<i>Turbellaria</i> spp.	12	<i>Pycnogonida</i> spp.	1
Nemertinea spp.	1	<i>Diodora cayenensis</i>	1
Cirratulidae	4	<i>Turbo castanea</i>	2
Hesionidae	6	<i>Rissoina catesbyana</i>	7
Maldanidae	1	<i>Caecum pulchellum</i>	1
Nereidae	45	<i>Meioceras nitida</i>	76
Phyllodocidae	1	<i>Bittium varium</i>	70
Polynoidae	1	<i>Crepidula maculosa</i>	1
Sabellidae	38	<i>Mitrella lunata</i>	2
Serpulidae	1	<i>Anachis avara</i>	2
Spionidae	1	<i>Cantharus multangulus</i>	15
Syllidae	13	<i>Marginella apicina</i>	6
<i>Carpas stylodactylus</i>	6	<i>Marginella eburneola</i>	2
<i>Paracerceis caudata</i>	33	<i>Marginella aureocincta</i>	15
<i>Erichsonella</i> sp.	1	<i>Granulina ovuliformis</i>	1
<i>Amphilocheus neopolitanus</i>	7	<i>Bulla striata</i>	7
<i>Cymadusa compta</i>	8	<i>Haminoea antillarum</i>	29
<i>Cymadusa filosa</i>	200	<i>Bursatella leachii pleii</i>	53
<i>Lembos kunkelae</i>	7	<i>Anadara notabilis</i>	1
<i>Lembos rectangulatus</i>	8	<i>Musculus lateralis</i>	3
<i>Lysianassa alba</i>	7	<i>Modiolus modiolus squamosus</i>	5
<i>Heterophlias seclusus</i>	4	<i>Pinctada imbricata</i>	2
<i>Deutella mayeri</i>	14	<i>Anomia simplex</i>	1
<i>Penaeus duorarum duorarum</i>	4	<i>Lima pellucida</i>	1
<i>Periclimenes americanus</i>	3	<i>Lopha frons</i>	2
<i>Hippolyte pleuracantha</i>	6	<i>Carditamera floridana</i>	8
<i>Hippolyte zostericola</i>	137	<i>Laevicardium mortoni</i>	1
<i>Latreutes fucorum</i>	1	<i>Chione cancellata</i>	3
<i>Thor floridanus</i>	428	<i>Amphipholis januarii</i>	3
<i>Tozeuma carolinense</i>	1	<i>Chaetognatha</i> sp.	1
<i>Pagurus</i> n. sp. A	15	<i>Gerres cinereus</i>	2
<i>Libinia dubia</i>	1	<i>Gobiosoma robustum</i>	1
<i>Libinia erinacea</i>	1		

### Station 54

Organism	Number in Trawl	Organism	Number in Trawl
<i>Actinia</i> sp. A	3	<i>Rissoina catesbyana</i>	17
Turbellaria spp.	13	<i>Meioceras nitida</i>	7
Ampharetidae	1	<i>Cerithium muscarum</i>	3
Hesionidae	6	<i>Bittium varium</i>	145
Nereidae	30	<i>Crepidula maculosa</i>	3
Phyllodoceidae	2	<i>Mitrella lunata</i>	9
Sabellidae	326	<i>Cantharus multangulus</i>	7
Serpulidae	1	<i>Marginella apicina</i>	27
Syllidae	8	<i>Marginella eburneola</i>	2
<i>Carpas stylodactylus</i>	3	<i>Marginella aureocincta</i>	2
<i>Paracerceis caudata</i>	51	<i>Hyalina veliei</i>	2
<i>Erichsonella filiformis isabelensis</i>	3	<i>Acteocina canaliculata</i>	1
<i>Erichsonella floridana</i>	1	<i>Bulla striata</i>	8
<i>Amphilocheus neopolitanus</i>	2	<i>Haminoea antillarum</i>	23
<i>Cymadusa compta</i>	182	<i>Elysia</i> sp. A	2
<i>Batea catharinensis</i>	15	<i>Bursatella leachii pleii</i>	6
<i>Dulichieilla appendiculata</i>	7	<i>Brachidontes exustus</i>	5
<i>Penaeus duorarum duorarum</i>	1	<i>Musculus lateralis</i>	1
<i>Periclimenes americanus</i>	1	<i>Modiolus modiolus squamosus</i>	1
<i>Hippolyte zostericola</i>	168	<i>Pinctada imbricata</i>	2
<i>Thor floridanus</i>	260	<i>Anomia simplex</i>	1
<i>Tozeuma carolinense</i>	2	<i>Parvilucina multilineata</i>	1
<i>Pagurus</i> n. sp. A	34	<i>Carditamera floridana</i>	30
<i>Petrolisthes</i> sp. indet.	1	<i>Chione cancellata</i>	1
<i>Libinia erinacea</i>	1	<i>Echinaster sentus</i>	8
<i>Callinectes</i> spp. (juv.)	3	<i>Ophiactis savignyi</i>	3
<i>Haxapanopeus caribbaeus</i>	2	Ascidiacea spp.	3
<i>Neopanope packardii</i>	18	<i>Gobiosoma robustum</i>	24
<i>Turbo castanea</i>	1		

### Station 55

Organism	Number in Trawl	Organism	Number in Trawl
Turbellaria spp.	8	<i>Hippolyte zostericola</i>	1
Nemertinea spp.	1	<i>Latreutes fucorum</i>	2
Hesionidae	1	<i>Thor floridanus</i>	1
Sabellidae	13	<i>Pagurus</i> n. sp. A	1
<i>Phascolion cryptus</i>	3	<i>Callinectes ornatus</i>	1
<i>Paracerceis caudata</i>	65	<i>Callinectes</i> spp. (juv.)	15
<i>Lembos unicornis</i>	2	<i>Haxapanopeus caribbaeus</i>	47
<i>Batea catharinensis</i>	3	<i>Neopanope packardii</i>	20
<i>Dulichieilla appendiculata</i>	6	<i>Panopeus bermudensis</i>	23
<i>Lysianassa alba</i>	9	<i>Meioceras nitida</i>	3
<i>Penaeus duorarum duorarum</i>	31	<i>Bittium varium</i>	239
<i>Sicyonia laevigata</i>	1	<i>Mitrella lunata</i>	35
<i>Periclimenes americanus</i>	219	<i>Anachis obesa</i>	1
<i>Alpheus armillatus</i>	2	<i>Anachis hotessieriana</i>	1
<i>Alpheus normanni</i>	7	<i>Marginella apicina</i>	1

<i>Odostomia</i> sp. B	1	<i>Carditamera floridana</i>	1
<i>Turbonilla</i> sp. A	1	<i>Chione cancellata</i>	1
<i>Acteocina canaliculata</i>	1	<i>Corbula</i> sp. A	2
<i>Bulla striata</i>	20	<i>Astichopus multifidus</i>	1
<i>Haminoea antillarum</i>	5	<i>Axiognathus squamatus</i>	1
<i>Haminoea succinea</i>	1	<i>Ophioderma</i> sp. A	1
<i>Elysia</i> sp. A	1	Ascidiacea spp.	2
<i>Bursatella leachii pleii</i>	1	<i>Gobiosoma robustum</i>	4
<i>Anomia simplex</i>	2		

### Station 56

Organism	Number in Trawl	Organism	Number in Trawl
<i>Haliclona viridis</i>	1	<i>Bittium varium</i>	18
<i>Actinia</i> sp. A	2	<i>Crepidula maculosa</i>	6
Turbellaria spp.	2	<i>Strombus raninus</i>	1
Cirratulidae	1	<i>Eupleura sulcidentata</i>	1
Nereidae	3	<i>Mitrella lunata</i>	5
<i>Phascolion cryptus</i>	2	<i>Anachis avara</i>	1
<i>Paracerceis caudata</i>	26	<i>Cantharus multangulus</i>	1
<i>Batea catharinensis</i>	4	<i>Conus jaspideus</i>	3
<i>Penaeus duorarum duorarum</i>	5	<i>Bulla striata</i>	7
<i>Periclimenes americanus</i>	83	<i>Haminoea antillarum</i>	1
<i>Alpheus heterochaelis</i>	2	<i>Modiolus modiolus squamosus</i>	1
<i>Alpheus normanni</i>	6	<i>Pinctada imbricata</i>	1
<i>Thor manningi</i>	2	<i>Anomia simplex</i>	4
<i>Paguristes tortugae</i>	2	<i>Chione cancellata</i>	1
<i>Pagurus</i> n. sp. A	19	<i>Cyclinella tenuis</i>	1
<i>Callinectes</i> spp. (juv.)	2	<i>Corbula</i> sp. A	2
<i>Haxapanopeus caribbaeus</i>	41	<i>Astichopus multifidus</i>	1
<i>Neopanope packardii</i>	3	Holothuroidea sp. B	1
<i>Panopeus bermudensis</i>	2	<i>Ophioderma</i> sp. B	1
<i>Rissoina catesbyana</i>	1	<i>Gobiosoma robustum</i>	1

### Station 57

Organism	Number in Trawl	Organism	Number in Trawl
<i>Balanus improvisus</i>	3	<i>Crepidula aculeata</i>	7
<i>Balanus trigonus</i>	15		

### Station 58

Organism	Number in Trawl	Organism	Number in Trawl
Nereidae	4	<i>Callinectes ornatus</i>	1
Paratanidae spp.	8	<i>Portunus</i> sp. indet.	1
<i>Paracerceis caudata</i>	1	<i>Neopanope packardii</i>	1
<i>Microdeutopus myersi</i>	1	<i>Anachis hotessieriana</i>	2
<i>Collodes</i> sp. indet.	1		

**Station 59**

Organism	Number in Trawl	Organism	Number in Trawl
<i>Amphilocheus neopolitanus</i>	1	<i>Lembos unicornis</i>	1
<i>Cymadusa filosa</i>	1		

**Station 60**

No Organisms Found in This Trawl Sample



### 5.1.3. Plant Material

Wet Season		Dry Season	
<b>Station 1</b>			
<i>Thalassia testudinum</i>	76.62	<i>Thalassia testudinum</i>	100.00
<b>Station 2</b>			
		<i>Laurencia poitei</i>	33.26
		<i>Batophora oerstedii</i>	0.25
		<i>Halimeda cf. opuntia</i>	0.24
		<i>Udotea sp. indet.</i>	0.21
<b>Station 3</b>			
<i>Thalassia testudinum</i>	118.30	<i>Thalassia testudinum</i>	122.30
<i>Halodule wrightii</i>	0.70	<i>Halodule wrightii</i>	0.75
<i>Digenea simplex</i>	2.80		
<b>Station 4</b>			
<i>Thalassia testudinum</i>	70.15	<i>Thalassia testudinum</i>	241.50
<i>Halimeda incrassata</i>	19.44	<i>Halimeda incrassata</i>	9.60
		<i>Laurencia poitei</i>	0.07
<b>Station 5</b>			
<i>Thalassia testudinum</i>	1.15	<i>Halodule wrightii</i>	0.90
<i>Halodule wrightii</i>	0.32		
<b>Station 6</b>			
<i>Thalassia testudinum</i>	158.60	<i>Thalassia testudinum</i>	86.30
<i>Halodule wrightii</i>	15.60	<i>Syringodium filiforme</i>	9.62
<i>Laurencia poitei</i>	2.00	<i>Halodule wrightii</i>	10.63
		<i>Laurencia poitei</i>	10.81
		<i>Digenea simplex</i>	0.62
<b>Station 7</b>			
<i>Thalassia testudinum</i>	61.50	<i>Thalassia testudinum</i>	71.60
<i>Laurencia poitei</i>	4.70	<i>Laurencia poitei</i>	6.09
<i>Halimeda incrassata</i>	21.52	<i>Halimeda monile</i>	7.60
<i>Penicillus capitatus</i>	23.90		
<i>Batophora oerstedii</i>	1.20		

Wet Season		Dry Season	
<b>Station 8</b>			
<i>Thalassia testudinum</i>	46.52	<i>Thalassia testudinum</i>	51.00
<i>Laurencia poitei</i>	0.16	<i>Halimeda incrassata</i>	2.63
		<i>Laurencia poitei</i>	0.78
<b>Station 9</b>			
<i>Thalassia testudinum</i>	18.89	<i>Thalassia testudinum</i>	80.05
<i>Avrainvillea</i>	5.89	<i>Penicillus capitatus</i>	15.85
<i>Penicillus capitatus</i>	2.80	<i>Halimeda monile</i>	1.41
<b>Station 10</b>			
<i>Thalassia testudinum</i>	17.50	<i>Thalassia testudinum</i>	70.08
<i>Syringodium filiforme</i>	41.81	<i>Syringodium filiforme</i>	25.71
<i>Digenea simplex</i>	2.25	<i>Halodule wrightii</i>	0.13
		<i>Laurencia poitei</i>	28.98
<b>Station 11</b>			
<i>Thalassia testudinum</i>	35.37	<i>Thalassia testudinum</i>	26.26
<b>Station 12</b>			
<i>Syringodium filiforme</i>	195.50	<i>Syringodium filiforme</i>	95.83
<i>Halodule wrightii</i>	0.50	<i>Halodule wrightii</i>	2.37
<i>Dictyota</i> sp.	6.60	<i>Thalassia testudinum</i>	1.18
		<i>Penicillus lamourouxii</i>	16.62
		<i>Laurencia poitei</i>	0.07
<b>Station 13</b>			
<i>Thalassia testudinum</i>	208.40	<i>Thalassia testudinum</i>	75.43
<i>Halimeda monile</i>	4.10	<i>Penicillus lamourouxiii</i>	17.91
<b>Station 14</b>			
<i>Thalassia testudinum</i>	189.00	<i>Thalassia testudinum</i>	42.10

## Wet Season

## Dry Season

**Station 15**

<i>Thalassia testudinum</i>	77.60	<i>Thalassia testudinum</i>	72.13
<i>Halodule wrightii</i>	19.50	<i>Syringodium filiforme</i>	10.93
<i>Udotea</i> sp.	0.09	<i>Halodule wrightii</i>	7.70
<i>Penicillus capitatus</i>	0.69	<i>Udotea</i> sp.	3.35
<i>Laurencia poitei</i>	1.10	<i>Penicillus capitatus</i>	3.34
<i>Digenea simplex</i>	1.03	<i>Laurencia poitei</i>	1.15
<i>Halimeda incrassata</i>	4.59	<i>Digenea simplex</i>	0.09
<i>Halimeda monile</i>	3.61	<i>Halimeda</i> cf. <i>incrassata</i>	2.51

**Station 16**

<i>Halimeda opuntia</i>	103.20
<i>Dictyota volubilis</i>	0.30
<i>Dictyosphaeria cavernosa</i>	0.30
<i>Cladophoropsis macromeres</i>	88.90

**Station 17**

<i>Thalassia testudinum</i>	42.10	<i>Thalassia testudinum</i>	95.50
<i>Syringodium filiforme</i>	13.20	<i>Syringodium filiforme</i>	19.63
<i>Halodule wrightii</i>	7.80	<i>Laurencia poitei</i>	1.47
<i>Acetabularia crenulata</i>	0.01		
<i>Halimeda incrassata</i>	1.00		

**Station 18**

<i>Thalassia testudinum</i>	0.90	<i>Penicillus pyriformis</i>	3.16
<i>Halodule wrightii</i>	0.13		
<i>Laurencia poitei</i>	6.53		
other	0.37		

**Station 19**

<i>Thalassia testudinum</i>	21.96	<i>Thalassia testudinum</i>	4.75
<i>Penicillus lamourouxiii</i>	1.58		

**Station 20**

<i>Thalassia testudinum</i>	255.00	<i>Thalassia testudinum</i>	323.20
<i>Halimeda opuntia</i>	117.00		

Wet Season		Dry Season	
<b>Station 21</b>			
<i>Thalassia testudinum</i>	67.06	<i>Thalassia testudinum</i>	107.00
<i>Syringodium filiforme</i>	0.63	<i>Syringodium filiforme</i>	1.05
<b>Station 22</b>			
No Plant Material		No Plant Material	
<b>Station 23</b>			
<i>Thalassia testudinum</i>	162.60	<i>Thalassia testudinum</i>	159.60
<b>Station 24</b>			
<i>Thalassia testudinum</i>	25.24	<i>Thalassia testudinum</i>	73.17
<i>Halimeda opuntia</i>	192.40		
<b>Station 25</b>			
<i>Thalassia testudinum</i>	144.76	<i>Thalassia testudinum</i>	123.50
		<i>Syringodium filiforme</i>	22.58
		<i>Halodule wrightii</i>	2.65
<b>Station 26</b>			
<i>Halodule wrightii</i>	4.49	<i>Halodule wrightii</i>	1.91
<i>Halimeda incrassata</i>	8.28	<i>Halimeda incrassata</i>	0.92
<b>Station 27</b>			
No Plant Material		No Plant Material	
<b>Station 28</b>			
No Plant Material		No Plant Material	
<b>Station 29</b>			
<i>Halodule wrightii</i>	12.64	<i>Halodule wrightii</i>	13.61
<i>Syringodium filiforme</i>	14.25	<i>Syringodium filiforme</i>	4.55

Wet Season		Dry Season	
<b>Station 30</b>			
<i>Halodule wrightii</i>	0.03		
<i>Halophila baillonis</i>	0.04		
<b>Station 31</b>			
<i>Thalassia testudinum</i>	17.26	<i>Thalassia testudinum</i>	81.62
<b>Station 32</b>			
<i>Thalassia testudinum</i>	40.53	<i>Thalassia testudinum</i>	92.35
<b>Station 33</b>			
		Nothing but detritus	0.07
<b>Station 34</b>			
<i>Halodule wrightii</i>	23.16	<i>Halodule wrightii</i>	20.96
<i>Syringodium filiforme</i>	1.70	<i>Syringodium filiforme</i>	19.50
		<i>Laurencia poitei</i>	0.18
<b>Station 35</b>			
<i>Thalassia testudinum</i>	48.06	<i>Thalassia testudinum</i>	350.00
<i>Halodule wrightii</i>	13.31		
<b>Station 36</b>			
		<i>Halodule wrightii</i>	1.81
		<i>Halophila baillonis</i>	2.39
<b>Station 37</b>			
<i>Halodule wrightii</i>	0.94	Nothing but detritus	0.01
<i>Halophila baillonis</i>	0.06		
<b>Station 38</b>			
<i>Laurencia poitei</i>	0.02	Nothing but detritus	0.01
<b>Station 39</b>			
<i>Halophila baillonis</i>	0.09		

Wet Season		Dry Season	
<b>Station 40</b>			
<i>Halophila baillonis</i>	1.20	<i>Halophila baillonis</i>	1.62
<i>Halodule wrightii</i>	0.35		
<b>Station 41</b>			
<i>Syringodium filiforme</i>	50.98	<i>Syringodium filiforme</i>	58.48
<i>Amphiroa</i> sp. (?)	0.27		
<i>Acanthophora spicifera</i>	0.50		
<i>Gracilaria</i> sp.	0.11		
<b>Station 42</b>			
<i>Halodule wrightii</i>	7.05	<i>Halodule wrightii</i>	13.22
<i>Halophila baillonis</i>	0.03	<i>Laurencia poitei</i>	0.12
<b>Station 43</b>			
No Plant Material		No Plant Material	
<b>Station 44</b>			
<i>Dictyota indica</i>	0.56	<i>Caulerpa vickersiae</i>	2.19
<i>Acanthophora spicifera</i>	0.37	<i>Acanthophora spicifera</i>	0.74
<i>Amphiroa</i> sp.	0.02		
<b>Station 45</b>			
<i>Syringodium filiforme</i>	60.50	<i>Syringodium filiforme</i>	13.98
<i>Halodule wrightii</i>	28.20	<i>Halodule wrightii</i>	10.22
<i>Halophila baillonis</i>	0.03		
<b>Station 46</b>			
<i>Halophila baillonis</i>	0.26		
<i>Halodule wrightii</i>	0.20		
<b>Station 47</b>			
<i>Halimeda opuntia</i>	456.11	<i>Halimeda opuntia</i>	330.00
		<i>Laurencia poitei</i>	4.18

## Wet Season

## Dry Season

**Station 48**

<i>Thalassia testudinum</i>	52.00
<i>Syringodium filiforme</i>	108.20
<i>Dictyota indica</i>	0.25
<i>Laurencia poitei</i>	3.01

<i>Syringodium filiforme</i>	120.00
<i>Laurencia poitei</i>	1.38
cf. <i>Caulerpa fastigiata</i>	11.08

**Station 49**

<i>Syringodium filiforme</i>	31.57
<i>Laurencia poitei</i>	0.57
<i>Cladophoropsis membranacea</i>	1.94

<i>Syringodium filiforme</i>	23.69
<i>Laurencia poitei</i>	0.12

**Station 50**

*Halodule wrightii* 0.02

**Station 51**

No Plant Material

No Plant Material

**Station 52**

*Halodule wrightii* 0.01

**Station 53**

*Syringodium filiforme* 34.76  
*Dictyota indica* 0.12  
*Hypnea cervicornis* 2.56

*Syringodium filiforme* 36.41  
*Halodule wrightii* 5.25  
*Dictyota volubilis* 0.44

**Station 54**

*Halodule wrightii* 17.39  
*Thalassia testudinum* 39.47  
*Syringodium filiforme* 4.53  
*Hypnea cervicornis* 2.28

*Syringodium filiforme* 63.82  
cf. *Caulerpa fastigiata* 7.71

**Station 55**

*Halophila baillonis* 0.18

**Station 56**

*Syringodium filiforme* 30.10  
*Hypnea cervicornis* 0.06  
*Amphiroa* sp. 0.24

*Syringodium filiforme* 24.38  
*Halodule wrightii* 7.74  
*Laurencia poitei* 0.13

**Station 57**

No Plant Material

No Plant Material

**Station 58**

*Halodule wrightii* 30.47

*Halodule wrightii* 17.13



Wet Season

Dry Season

**Station 59**

*Laurencia poitei* 0.04

**Station 60**

*Halodule wrightii* 0.12

*Halophila baillonis* 1.78

*Acanthophora* sp. 0.16

*Halophila baillonis* 7.97

*Unidentified algae (fragment)* 0.07

5.1.4. Benthic Sampling Stations Data (Sediment Size Data, Seagrass Blade Counts, Plant Material and Benthic Fauna Found in Dredge Samples)

**Station 1**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.106	Mean
4000-2000	1.28	1.9	Median
2000-1000	1.41	1.5	Mode
1000-500	9.88	1.291	Sorting
500-250	44.32	0.385	Skewness
250-125	23.85	0.211	Kurtosis
125-63	4.49		
63<	14.77		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	17

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Turbellaria spp. (1)	<i>Haliclona compressa</i> ? (1)
Nemertinea spp. (2)	Nematoda spp. (1)
Nematoda spp. (3)	<i>Aricidea philbinae</i> (1)
<i>Cirrophorus furcatus</i> (1)	<i>Magelona pettiboneae</i> (1)
<i>Minuspio cirrifera</i> (1)	near <i>Eunotomastus</i> sp. (1)
<i>Prionospio cristata</i> (1)	<i>Notomastus latericeus</i> (1)
<i>Notomastus latericeus</i> (3)	<i>Bhawania goodei</i> (1)
<i>Phyllodoce (Anaitides) arenae</i> (1)	<i>Typosyllis</i> sp. A (1)
Undetermined sp. A (1)	<i>Lumbrineris latreilli</i> (3)
<i>Gyptis brevipalpa</i> (1)	<i>Loimia medusa</i> (2)
<i>Ehlersia</i> sp. A (2)	<i>Sipuncula</i> sp. A (1)
<i>Typosyllis</i> sp. A (1)	<i>Leptochela savignyi</i> (3)
<i>Ceratonereis irritabilis</i> (1)	<i>Paracerceis caudata</i> (1)
<i>Lysidice ninetta</i> (1)	<i>Ampelisca vadorum</i> (1)
<i>Lumbrineris impatiens</i> (1)	<i>Carinobatea carinata</i> (2)
<i>Lumbrineris latreilli</i> (1)	<i>Caecum pulchellum</i> (5)
<i>Pectinaria gouldi</i> (1)	<i>Caecum floridanum</i> (1)
<i>Sipuncula</i> D (1)	<i>Nucula proxima</i> (1)
<i>Podocopa</i> spp. (1)	
<i>Myodocopa</i> spp. (1)	
<i>Copepoda</i> spp. (2)	

*Mysidopsis* sp. indet. (1)  
*Paratanaidae* spp. (3)  
*Paracerceis caudata* (1)  
*Lembos unifasciatus* (1)  
*Carinobatea carinata* (8)  
*Caecum pulchellum* (18)  
*Meioceras nitida* (2)  
*Marginella lavalleeana* (1)  
*Ischnochiton papillosus* (1)  
*Nucula proxima* (1)  
*Modiolus modiolus squamosus* (1)  
*Lima pellucida* (2)  
*Laevicardium mortoni* (3)  
*Tellina versicolor* (3)  
*Cumingia tellinoides vanhynigi* (1)  
*Chione cancellata* (1)  
*Amphiodia pulchella* (3)

**Station 2**

**Sediment Analysis**

Sieve Size Distribution	
microns	% weight
>4000	100
4000-2000	0
2000-1000	0
1000-500	0
500-250	0
250-125	0
125-63	0
63<	0

Texture Analysis (grain size -phi)	
NA	Mean
NA	Median
NA	Mode
NA	Sorting
NA	Skewness
NA	Kurtosis

**Seagrass Blade Count**

**Wet Season**

**Dry Season**

No seagrass

**Plant Material Found in Dredge Samples**

Wet Season

Dry Season

*Laurencia poitei*  
*Batophora oerstedii*  
*Halimeda* cf. *opuntia*  
*Udotea* sp. indet.

## Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Minuspio cirrobranchiata</i> (1)	<i>Cinachyra</i> sp. indet. (1)
<i>Mediomastus ambiseta</i> (1)	<i>Podarke obscura</i> (1)
<i>Brania</i> spp. (1)	<i>Autolytus</i> sp. A (1)
<i>Exogone dispar</i> (1)	<i>Exogone arenosa</i> (6)
<i>Pectinaria gouldi</i> (1)	<i>Typosyllis</i> sp. A (2)
<i>Myodocopa</i> spp. (4)	<i>Typosyllis</i> sp. M (5)
<i>Carinobatea carinata</i> (1)	<i>Typosyllis</i> sp. N (1)
<i>Caecum pulchellum</i> (28)	<i>Serpula</i> sp. indet. (1)
<i>Ischnochiton papillosus</i> (1)	Undetermined sp. (1)
<i>Glycymeris pectinata</i> (1)	<i>Podocopa</i> spp. (3)
<i>Chione cancellata</i> (1)	<i>Myodocopa</i> spp. (3)
<i>Ophiophragmus pulcher</i> (1)	<i>Carpas</i> cf. <i>stylodactylus</i> (2)
	<i>Paracerceis caudata</i> (1)
	<i>Erichsonella floridana</i> (2)
	<i>Amphilocheus neopolitanus</i> (1)
	<i>Cymadusa compta</i> (8)
	<i>Carinobatea cuspidata</i> (5)
	<i>Elasmopus laevis</i> (1)
	<i>Lysianassa alba</i> (8)
	<i>Eusirus crassi</i> (2)
	<i>Rhepoxynius</i> sp. indet. (1)
	<i>Rissoina cancellata</i> (1)
	<i>Caecum pulchellum</i> (76)
	<i>Caecum imbricatum</i> (5)
	<i>Meioceras nitida</i> (5)
	<i>Turbonilla</i> sp. D (1)
	<i>Ischnochiton papillosus</i> (2)
	Holothuroidea sp. A (1)
	Juvenile (type C) (1)
	Ascidacea spp. (5)

### Station 3

#### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	3.1	Mean
4000-2000	1.59	3.1	Median
2000-1000	2.26	3.0	Mode
1000-500	2.52	1.33	Sorting
500-250	6.84	-1.103	Skewness
250-125	33.4	1.638	Kurtosis
125-63	21.71		
63<	31.67		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	33	17
<i>Halodule</i>	2	2

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Digenea simplex</i>	

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
<i>Schistomeringos rudolphi</i> (1)	<i>Nemertinea</i> spp. (3)
	<i>Polydora ligni</i> (1)
	<i>Prionospio heterobranchia</i> (8)
	<i>Capitellides giardi</i> (2)
	<i>Parahesion luteola</i> (2)
	<i>Typosyllis</i> sp. A (1)
	<i>Nereis (Neanthes) succinea</i> (1)
	<i>Lysidice ninetta</i> (2)
	<i>Schistomeringos rudolphi</i> (1)
	<i>Chone</i> sp. (2)
	<i>Amphilocheus neopolitanus</i> (1)
	<i>Cymadusa compta</i> (23)
	<i>Grandidierella bonnieroides</i> (14)
	<i>Lysianassa alba</i> (1)
	Insecta spp. (1)
	<i>Anomalocardia auberiana</i> (1)

**Station 4**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.123	Mean
4000-2000	1.91	1.9	Median
2000-1000	1.94	2.0	Mode
1000-500	6.25	1.267	Sorting
500-250	42.61	0.148	Skewness
250-125	29.82	0.706	Kurtosis
125-63	4.08		
63<	13.38		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	22	15

## Plant Material Found in Dredge Samples

### Wet Season

*Thalassia testudinum*  
*Halimeda incrassata*

### Dry Season

*Thalassia testudinum*  
*Halimeda incrassata*  
*Laurencia poitei*

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Naineris laevigata* (2)  
*Dasybranchus lunulatus* (2)  
*Notomastus latericeus* (1)  
*Scyphoproctus platyproctus* (3)  
Undetermined sp. B (1)  
*Gyptis brevipalpa* (1)  
*Sphaerosyllis* spp. (1)  
*Typosyllis* sp. A (1)  
*Typosyllis* sp. F (1)  
*Ceratonereis irritabilis* (2)  
*Glycinde solitaria* (2)  
*Eunice afra* (1)  
*Lumbrineris impatiens* (1)  
*Lumbrineris latreilli* (1)  
*Dorvillea rubra* (1)  
*Terebellides stroemi* (1)  
*Oligochaeta* spp. (2)  
*Sipuncula* sp. B (1)  
*Lembos brunneomaculatus* (1)  
*Carinobatea carinata* (1)  
*Periclimenes* cf. *iridescens* (1)  
*Thor floridanus* (1)  
*Meioceras nitida* (1)  
*Modulus modulus* (1)  
*Natica canrena* (1)  
*Bulla striata* (1)  
*Chione cancellata* (1)  
*Ophiophragmus pulcher* (1)

### Dry Season

Nemertinea spp. (1)  
*Aricidea fragilis* (1)  
cf. *Caulleriella killariensis* (1)  
*Notomastus latericeus* (1)  
*Glycinde solitaria* (1)  
*Marphysa sanguinea* (1)  
*Lumbrineris impatiens* (2)  
*Lumbrineris latreilli* (1)  
*Sipuncula* sp. B (2)  
*Myodocopa* spp. (1)  
Cumacea spp. (1)  
*Limnoria simulata* (1)  
*Apanthura magnifica* (1)  
*Lembos* sp. indet. (2)  
*Carinobatea carinata* (1)  
*Listriella barnardi* (1)  
*Olivella perplexa* (2)

**Station 5**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	9.59	3.204	Mean
4000-2000	0	4.05	Median
2000-1000	1.35	4.0	Mode
1000-500	0.8	12.127	Sorting
500-250	3.75	-1.891	Skewness
250-125	12.23	2.484	Kurtosis
125-63	16.78		
63<	55.5		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	3	0

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Halodule wrightii</i>
<i>Halodule wrightii</i>	

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
<i>Capitella capitata</i> (2)	Nematoda spp. (2)
<i>Pulliella</i> sp. (1)	<i>Ceratocephale</i> sp. (1)
<i>Oligochaeta</i> spp. (1)	<i>Cymadusa compta</i> (1)
<i>Amphilocheus neopolitanus</i> (1)	
Insect larva (18)	
<i>Chironomidae</i> spp. (2)	

**Station 6**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	4.17	1.824	Mean
4000-2000	1.96	1.8	Median
2000-1000	16.33	0.0	Mode
1000-500	17.95	2.069	Sorting
500-250	11.95	-0.186	Skewness
250-125	12.29	-1.049	Kurtosis
125-63	12.76		
63<	22.59		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	15
<i>Syringodium</i>	2	16

#### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	
<i>Halodule wrightii</i>	
<i>Laurencia poitei</i>	

#### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Nematoda spp. (1)	Nemertinea spp. (2)
<i>Aricidea</i> sp. (1)	<i>Prionospio heterobranchia</i> (7)
<i>Polydora ligni</i> (3)	<i>Dasybranchus lunulatus</i> (1)
<i>Amphicteis gunneri</i> (2)	<i>Microphthalmus</i> sp. (1)
<i>Copepoda</i> spp. (2)	<i>Parahesionia luteola</i> (2)
<i>Cymodoce faxoni</i> (2)	<i>Hydroides dianthus</i> (1)
<i>Erichsonella</i> sp. (1)	<i>Leptochela savignyi</i> (3)
<i>Amphilocheus casahoya</i> (9)	<i>Erichsonella filiformis isabel.</i> (2)
<i>Cymadusa filosa</i> (81)	<i>Amphilocheus neopolitanus</i> (4)
<i>Grandidierella bonnieroides</i> (15)	<i>Grandidierella bonnieroides</i> (16)
<i>Lysianassa alba</i> (2)	<i>Elasmopus laevis</i> (4)
Insect larva (2)	<i>Erichthonius brasiliensis</i> (5)
<i>Cochliolepis parasitica</i> (1)	<i>Metopa</i> sp. indet. (2)
<i>Caecum pulchellum</i> (17)	<i>Caecum pulchellum</i> (1)
<i>Bittium varium</i> (10)	<i>Brachidontes exustus</i> (3)
<i>Brachidontes exustus</i> (4)	<i>Chione cancellata</i> (1)
<i>Chione cancellata</i> (1)	

#### Station 7

##### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.125	Mean
4000-2000	10.56	2.3	Median
2000-1000	7.65	2.5	Mode
1000-500	10.92	1.996	Sorting
500-250	13.5	-0.416	Skewness
250-125	19.26	-0.991	Kurtosis
125-63	12.99		
63<	25.11		



Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	21	38

#### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Laurencia poitei</i>	<i>Laurencia poitei</i>
<i>Halimeda incrassata</i>	<i>Halimeda monile</i>
<i>Penicillus capitatus</i>	
<i>Batophora oerstedii</i>	

#### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Turbellaria spp. (3)	Nemertinea spp. (2)
Nemertinea spp. (6)	<i>Haploscoloplos foliosus</i> (1)
Nematoda spp. (1)	<i>Scyphoproctus platyproctus</i> (1)
<i>Naineris laevigata</i> (4)	<i>Exogone dispar</i> (1)
<i>Aricidea philbinae</i> (2)	<i>Typosyllis</i> sp. M (1)
<i>Prionospio heterobranchia</i> (5)	<i>Marphysa sanguinea</i> (1)
<i>Mediomastus ambiseta</i> (1)	<i>Fabricia sabella</i> (1)
<i>Armandia maculata</i> (1)	<i>Erichsonella</i> sp. indet. ( <i>manca</i> ) (1)
<i>Palaenotus debilis</i> (1)	<i>Amphilocheus neopolitanus</i> (1)
<i>Ehlersia</i> sp. A (1)	<i>Lembos</i> sp. ident. (1)
<i>Exogone dispar</i> (1)	<i>Carinobatea carinata</i> (2)
<i>Typosyllis</i> sp. A (1)	<i>Carinobatea cuspidata</i> (1)
<i>Nereis (Nereis)</i> sp. (4)	<i>Dulichieilla appendiculata</i> (1)
<i>Lysidice ninetta</i> (2)	<i>Lysianassa alba</i> (3)
<i>Lumbrineris impatiens</i> (1)	<i>Thor floridanus</i> (1)
<i>Schistomeringos</i> cf. <i>pectinata</i> (1)	<i>Vermicularia spirata</i> (1)
<i>Fabricia sabella</i> (1)	<i>Ischnochiton papillosus</i> (1)
<i>Hydroides crucigera</i> (1)	<i>Chione cancellata</i> (1)
<i>Oligochaeta</i> spp. (6)	<i>Ophioderma brevispinum</i> (1)
<i>Sipuncula</i> sp. B (1)	
<i>Phascolion cryptus</i> (2)	
<i>Myodocopa</i> spp. (2)	
<i>Cumacea</i> spp. (1)	
<i>Paratanaididae</i> spp. (11)	
<i>Paracerceis caudata</i> (2)	
<i>Limnoria platycaudata</i> (1)	
<i>Cymadusa compta</i> (1)	
<i>Lembos rectangularis</i> (11)	
<i>Lembos unicornis</i> (7)	
<i>Dulichieilla appendiculata</i> (8)	
<i>Elasmopus laevis</i> (1)	
<i>Lysianassa alba</i> (3)	
<i>Thor manningi</i> (8)	
<i>Pycnogonida</i> spp. (1)	
<i>Caecum pulchellum</i> (3)	
<i>Meioceras nitida</i> (1)	

*Crassispira leucocyma* (1)  
*Ischnochiton papillosus* (4)  
*Nucula proxima* (1)  
*Brachidontes exustus* (4)  
*Laevicardium mortoni* (1)  
*Chirodota rotifera* (1)  
 Holothuroidea sp. A (2)  
*Ophiostigma isacanthum* (1)

## Station 8

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.868	Mean
4000-2000	1.63	3.0	Median
2000-1000	2.46	3.0	Mode
1000-500	5.95	1.412	Sorting
500-250	12.74	-0.827	Skewness
250-125	27.31	0.485	Kurtosis
125-63	24.44		
63<	25.46		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	20	30

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Laurencia poitei</i>	<i>Halimeda incrassata</i>
	<i>Laurencia poitei</i>

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Turbellaria spp. (1)	Nemertinea spp. (1)
Nemertinea spp. (7)	<i>Naineris laevigata</i> (1)
Nematoda spp. (1)	near <i>Eunotomastus</i> sp. (1)
<i>Naineris laevigata</i> (2)	<i>Exogone arenosa</i> (1)
<i>Minuspio cirrifera</i> (3)	<i>Pectinaria gouldi</i> (1)
<i>Tharyx annulosus</i> (2)	<i>Sipuncula</i> sp. B (1)
<i>Scyphoproctus platyproctus</i> (3)	<i>Phascolion caupo</i> (1)
<i>Armandia maculata</i> (1)	Copepoda spp. (1)
<i>Harmothoe aculeata</i> (1)	<i>Leptochela savignyi</i> (1)
<i>Brania</i> spp. (2)	<i>Alpheus floridanus</i> (1)
<i>Exogone arenosa</i> (3)	
<i>Typosyllis alternata</i> (1)	

*Undetermined sp. A (Eusyllinae)* (1)  
*Glycera tessellata* (1)  
*Eunice afra* (1)  
*Nematonereis unicornis* (1)  
*Schistomeringos cf. pectinata* (1)  
*Pista cristata* (1)  
*Scionides reticulata* (1)  
*Branchiomma nigromaculata* (2)  
*Oligochaeta* spp. (2)  
*Paranebalia longipes* (3)  
*Paratanaidae* spp. (3)  
*Paracerceis caudata* (1)  
*Chevalia aviculae* (5)  
*Monoculodes nyei* (1)  
*Alpheus floridanus* (1)  
*Alpheus normanni* (2)  
*Hippolyte zostericola* (1)  
*Rissoina cancellata* (1)  
*Ischnochiton papillosus* (2)  
*Chirodota rotifera* (3)

**Station 9**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.72	Mean
4000-2000	1.14	2.75	Median
2000-1000	2.29	2.5	Mode
1000-500	9.05	1.406	Sorting
500-250	13.84	-0.545	Skewness
250-125	31.44	-0.079	Kurtosis
125-63	19.08		
63<	23.16		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	18

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Avrainvillea</i>	<i>Penicillus capitatus</i>
<i>Penicillus capitatus</i>	<i>Halimeda monile</i>

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Porites porites* (1)  
Nemertinea spp. (1)  
Nematoda spp. (8)  
*Prionospio cristata* (1)  
*Scolelepis (Scolelepis) texana* (1)  
cf. *Caulleriella killariensis* (2)  
*Scyphoproctus platyproctus* (2)  
*Pholoe minuta* (1)  
*Sthenelais boa* (2)  
*Brania* spp. (1)  
*Ehlersia* sp. A (1)  
*Exogone arenosa* (1)  
*Exogone dispar* (1)  
*Sphaerosyllis* spp. (2)  
*Typosyllis* sp. A (1)  
Undetermined sp. C (*Eusyllinae*) (2)  
*Glycinde solitaria* (1)  
*Hydroides crucigera* (1)  
*Oligochaeta* spp. (4)  
*Sipuncula* sp. B (2)  
*Phascolion* cf. *caupo* (3)  
*Phascolion cryptus* (1)  
Myodocopa spp. (1)  
*Paracerceis caudata* (1)  
*Cymadusa filosa* (1)  
*Lembos unicornis* (3)  
*Batea catharinensis* (11)  
*Thor manningi* (1)  
*Caecum pulchellum* (3)  
*Meioceras nitida* (1)  
*Acteocina canaliculata* (1)  
*Haminoea succinea* (5)  
*Cylindrobulla beauii* (2)  
*Ischnochiton papillosus* (1)  
*Chaetopleura apiculata* (1)  
*Glycymeris pectinata* (1)  
*Pleuromeris tridentata* (3)  
*Chione cancellata* (3)  
*Pitar simpsoni* (2)

### Dry Season

Nemertinea spp. (12)  
Nematoda spp. (4)  
*Naineris laevigata* (3)  
*Laonice cirrata* (1)  
*Malacoceros* sp. (1)  
*Prionospio cristata* (1)  
*Notomastus hemipodus* (1)  
*Scyphoproctus platyproctus* (1)  
*Ehlersia* sp. A (1)  
*Exogone arenosa* (5)  
*Exogone dispar* (4)  
*Sphaerosyllis* spp. (4)  
*Typosyllis* sp. F (1)  
Undetermined sp. C (*Eusyllinae*) (1)  
*Nereis (Neanthes) succinea* (1)  
*Glycinde solitaria* (3)  
*Polycirrus carolinensis* (1)  
*Fabricia sabella* (2)  
*Membranopsis inconspicua* (1)  
*Sipuncula* sp. A (9)  
Podocopa spp. (4)  
Myodocopa spp. (3)  
Copepoda spp. (1)  
Cumacea spp. (2)  
*Paracerceis caudata* (3)  
*Lembos rectangulatus* (4)  
*Lembos unicornis* (1)  
*Carinobatea cuspidata* (1)  
*Erichthonius brasiliensis* (1)  
*Caecum pulchellum* (2)  
*Odostomia* sp. A (1)  
*Cylindrobulla beauii* (1)  
*Ischnochiton papillosus* (2)  
Leptonidae sp. A (1)  
*Chione cancellata* (1)  
*Ophiophragmus pulcher* (6)

## Station 10

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	1.08	1.698	Mean
4000-2000	4.12	1.86	Median
2000-1000	11.17	2.0	Mode
1000-500	18.51	1.640	Sorting
500-250	15.88	-0.201	Skewness
250-125	30.74	-0.479	Kurtosis
125-63	8.9		
63<	9.6		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	18	16
<i>Halodule</i>	3	0
<i>Syringodium</i>	5	12

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
<i>Digenea simplex</i>	<i>Halodule wrightii</i>
	<i>Laurencia poitei</i>

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Turbellaria spp. (1)	Nemertinea spp. (2)
Nemertinea spp. (4)	Nematoda spp. (3)
Nematoda spp. (2)	<i>Phylodoce (Nereiphylla) fragilis</i> (1)
<i>Haploscoloplos foliosus</i> (7)	<i>Arabella mutans</i> (1)
<i>Aricidea</i> sp. (1)	<i>Owenia fusiformis</i> (1)
<i>Prionospio cristata</i> (4)	<i>Piromis eruca</i> (2)
<i>Tharyx annulosus</i> (1)	<i>Phascolion cryptus</i> (1)
<i>Capitellides jonesi</i> (1)	<i>Paracerceis caudata</i> (1)
<i>Gyptis brevipalpa</i> (2)	<i>Erichsonella filiformis isabel.</i> (2)
<i>Branchiosyllis oculata</i> (1)	<i>Cymadusa filosa</i> (2)
<i>Glycinde solitaria</i> (1)	<i>Grandidierella bonnieroides</i> (3)
<i>Oligochaeta</i> spp. (6)	<i>Lembos</i> sp. indet. (8)
<i>Cymadusa filosa</i> (8)	<i>Carinobatea cuspidata</i> (1)
<i>Grandidierella bonnieroides</i> (7)	<i>Batea catharinensis</i> (2)
<i>Elasmopus laevis</i> (6)	<i>Dulichella appendiculata</i> (2)
<i>Lysianassa alba</i> (2)	<i>Elasmopus laevis</i> (4)
<i>Alpheus heterochaelis</i> (1)	<i>Erichthonius rubricornis</i> (2)
<i>Pagurus</i> sp. indet. (1)	<i>Lysianassa alba</i> (10)
<i>Caecum pulchellum</i> (1)	<i>Foxiphalus</i> sp. indet. (1)

*Bittium varium* (2)  
*Brachidontes exustus* (7)  
*Codakia orbiculata* (2)  
*Laevicardium mortoni* (3)

*Hippolyte zostericola* (2)  
 Insecta spp. (1)  
*Caecum pulchellum* (55)  
*nassarius albus* (1)  
*Ischnochiton papillosus* (4)  
*Brachidontes exustus* (1)  
 Juvenile (type C) (1)  
 Ascidiacea spp. (2)

## Station 11

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	0.71
2000-1000	0.71
1000-500	4.22
500-250	32.78
250-125	38.01
125-63	5.4
63<	18.16

Texture Analysis (grain size -phi)	
2.455	Mean
2.29	Median
2.0	Mode
1.211	Sorting
0.226	Skewness
-0.101	Kurtosis

### Seagrass Blade Count

### Wet Season

### Dry Season

*Thalassia*

13

18

### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Thalassia testudinum*

*Thalassia testudinum*

### Benthic Organisms Found in Dredge Samples

#### Wet Season

#### Dry Season

Nemertinea spp. (5)  
 Nematoda spp. (11)  
*Aricidea philbinae* (2)  
*Laonice cirrata* (1)  
*Minuspio cirrifera* (1)  
*Prionospio cristata* (2)  
*Caulleriella alata* (1)  
*Tharyx annulosus* (1)  
*Mediomastus ambiseta* (2)  
*Notomastus latericeus* (1)  
 cf. *Pseudocapitella* sp. (1)  
*Armandia maculata* (1)  
*Eulalia (Eumida) sanguinea* (2)  
*Phylodoce (Nereiphylla) fragilis* (1)

Turbellaria spp. (1)  
*Aricidea philbinae* (1)  
*Magelona pettiboneae* (1)  
 cf. *Caulleriella killariensis* (2)  
*Tharyx annulosus* (1)  
*Capitellides jonesi* (1)  
*Leiochrides pallidior* (2)  
*Isolda pulchella* (3)  
*Spirorbis* sp. indet. (4)  
*Myodocopa* spp. (1)  
*Paracerceis caudata* (1)  
*Modulus modulus* (4)  
*Ischnochiton papillosus* (4)  
*Nucula proxima* (2)

*Bhawania goodei* (1)  
*Ehlersia* sp. B (1)  
*Exogone atlantica* (1)  
*Typosyllis alternata* (2)  
 Undetermined sp. C (*Eusyllinae*) (8)  
*Ceratonereis mirabilis* (4)  
*Nereis (Nereis)* sp. (1)  
*Platynereis dumerilii* (1)  
*Lumbrineris impatiens* (1)  
*Loimia medusa* (1)  
*Thelepus setosus* (3)  
*Oligochaeta* spp. (13)  
*Podocopa* spp. (5)  
*Myodocopa* spp. (3)  
*Cumacea* spp. (1)  
*Zeuxo* sp. A (1)  
*Carpias stylodactylus* (2)  
*Paracerceis caudata* (2)  
*Ampelisca vadorum* (3)  
*Synopia caraibica* (1)  
*Caecum pulchellum* (64)  
*Caecum floridanum* (1)  
*Caecum antillarum* (1)  
*Meioceras nitida* (8)  
*Eulima jamaicensis* (1)  
*Olivella pusilla* (1)  
*Marginella lavalleeana* (1)  
*Bulla striata* (1)  
*Cylindrobulla beauui* (1)  
*Ischnochiton papillosus* (1)  
*Cumingia tellinoides vanhynigi* (1)  
*Chione cancellata* (1)  
*Amphiodia pulchella* (1)  
*Chaetognatha* sp. (1)

*Lima pellucida* (1)  
*Tellina versicolor* (1)  
*Tagelus divisus* (1)  
*Ophiopsila riisei* (1)

## Station 12

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	1.478	Mean
4000-2000	1.32	1.65	Median
2000-1000	10.2	2.5	Mode
1000-500	21.35	1.113	Sorting
500-250	25.88	-0.528	Skewness
250-125	39.19	-0.488	Kurtosis
125-63	1.83		
63<	0.23		

Seagrass Blade Count	Wet Season	Dry Season
<i>Syringodium</i>	27	63

#### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Dictyota</i> sp.	<i>Thalassia testudinum</i>
	<i>Penicillus lamourouxiii</i>
	<i>Laurencia poitei</i>

#### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Turbellaria</i> spp. (2)	<i>Nemertinea</i> spp. (1)
<i>Nemertinea</i> spp. (1)	<i>Nematoda</i> spp. (3)
<i>Nematoda</i> spp. (20)	<i>Haploscoloplos foliosus</i> (1)
<i>Aricidea</i> sp. (1)	<i>Aricidea philbinae</i> (1)
<i>Prionospio heterobranchia</i> (6)	<i>Aricidea</i> sp. (4)
<i>Caulleriella alata</i> (1)	<i>Axiothella mucosa</i> (1)
cf. <i>Caulleriella killariensis</i> (7)	<i>Armandia maculata</i> (5)
<i>Cirriiformia filigera</i> (5)	<i>Brania</i> spp. (1)
<i>Tharyx annulosus</i> (1)	cf. <i>Campesyllis minor</i> (2)
<i>Scyphoproctus platyproctus</i> (1)	<i>Exogone arenosa</i> (4)
<i>Armandia maculata</i> (1)	<i>Typosyllis</i> sp. A (1)
<i>Podarke obscura</i> (2)	<i>Myodocopa</i> spp. (5)
<i>Ehlersia</i> sp. A (9)	<i>Cumacea</i> spp. (1)
<i>Exogone arenosa</i> (1)	<i>Leptochela savignyi</i> (3)
<i>Exogone dispar</i> (3)	<i>Carpas</i> cf. <i>stylodactylus</i> (20)
cf. <i>Streptosyllis</i> sp. (2)	<i>Cymadusa compta</i> (6)
<i>Typosyllis alternata</i> (2)	<i>Lembos rectangulatus</i> (7)
<i>Typosyllis</i> sp. A (10)	<i>Lembos unicornis</i> (2)
<i>Typosyllis</i> sp. D (2)	<i>Dulichella appendiculata</i> (25)
<i>Typosyllis</i> sp. F (2)	<i>Elasmopus laevis</i> (34)
<i>Ceratonereis irritabilis</i> (1)	<i>Lysianassa alba</i> (58)
<i>Nereis (Nereis)</i> sp. (1)	<i>Acuminodeutopus naglei</i> (8)
<i>Marphysa sanguinea</i> (1)	<i>Caridea</i> (larva) (1)
<i>Thelepus setosus</i> (1)	<i>Hippolyte zostericola</i> (3)
<i>Fabricia sabella</i> (1)	<i>Thor floridanus</i> (1)
<i>Oligochaeta</i> spp. (39)	<i>Neopanope packardii</i> (1)
<i>Podocopa</i> spp. (1)	<i>Pycnogonida</i> sp. (1)
<i>Myodocopa</i> spp. (1)	<i>Tricolia affinis</i> (2)
<i>Cumacea</i> spp. (1)	<i>Caecum pulchellum</i> (1)
<i>Zeuxo</i> sp. A (1)	<i>Crepidula maculosa</i> (1)
<i>Paratanaidae</i> spp. (1)	
<i>Dikonophora</i> indet. (1)	
<i>Carpas stylodactylus</i> (7)	
<i>Paracerceis caudata</i> (3)	
<i>Amphilocheus neopolitanus</i> (1)	
<i>Cymadusa filosa</i> (7)	



*Anamixis hanseni* (1)  
*Lembos spinicarpus* (3)  
*Dulichella appendiculata* (17)  
*Elasmopus laevis* (30)  
*Melita elongata* (1)  
*Melita nitida* (8)  
*Lysianassa alba* (36)  
*Thor floridanus* (5)  
*Turbo castanea* (1)  
*Tricolia affinis* (3)  
*Rissoella caribaea* (1)  
*Caecum pulchellum* (1)  
*Meioceras nitida* (2)  
*Modulus modulus* (1)  
*Bittium varium* (2)  
*Mitrella argus* (1)  
*Marginella apicina* (2)  
*Marginella lavalleeana* (1)  
*Crassispira leucocyma* (3)  
*Haminoea antillarum* (1)  
*Ischnochiton papillosus* (3)  
*Ophioderma brevispinum* (1)

### Station 13

#### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.898	Mean
4000-2000	1.17	3.11	Median
2000-1000	3.69	2.5	Mode
1000-500	8.85	1.568	Sorting
500-250	13.88	-0.686	Skewness
250-125	20.7	-0.408	Kurtosis
125-63	16.31		
63<	35.39		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	26	10

#### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Halimeda monile</i>	<i>Penicillus lamourouxiii</i>

## Benthic Organisms Found in Dredge Samples

### Wet Season

Nemertinea spp. (11)  
Nematoda spp. (14)  
*Cirrophorus furcatus* (1)  
*Laonice cirrata* (1)  
*Prionospio heterobranchia* (1)  
cf. *Cirriformia* sp. (1)  
*Mediomastus ambiseta* (1)  
*Sphaerosyllis* spp. (2)  
*Typosyllis alternata* (1)  
*Typosyllis* sp. B (1)  
*Undetermined* sp. D (*Eusyllinae*) (1)  
*Ceratonereis mirabilis* (1)  
*Dorvillea rubra* (1)  
*Loimia medusa* (1)  
*Polycirrus carolinensis* (1)  
*Oligochaeta* spp. (1)  
*Sipuncula* sp. B (2)  
*Sipuncula* ? sp. E (1)  
*Myodocopa* spp. (1)  
*Paranebalia longipes* (6)  
*Cumacea* spp. (1)  
*Carpias stylodactylus* (1)  
*Limnoria simulata* (2)  
*Lembos setosus* (3)  
*Amphipholis januarii* (1)

### Dry Season

Nematoda spp. (2)  
*Haploscoloplos foliosus* (1)  
*Mediomastus ambiseta* (1)  
*Branchioasychis americana* (1)  
*Sthenelais boa* (1)  
*Ehlersia* sp. A (1)  
*Exogone arenosa* (5)  
*Exogone dispar* (1)  
*Sphaerosyllis* spp. (1)  
*Typosyllis* sp. E (1)  
*Typosyllis* sp. M (1)  
*Undetermined* sp. C (*Eusyllinae*) (1)  
*Nereis* (*Nereis*) sp. (1)  
*Lysidice ninetta* (1)  
*Drilonereis longa* (1)  
*Schistomeringos* cf. *pectinata* (2)  
*Terebellides stroemi* (1)  
*Fabricia sabella* (1)  
*Sabella variegata* (1)  
*Sipuncula* sp. A (1)  
*Myodocopa* spp. (11)  
*Zeuxo* sp. A (2)  
*Leptochela savignyi* (1)  
*Limnoria platycaudata* (3)  
*Limnoria simulata* (1)  
*Lembos spinicarpus* (1)  
*Lembos unifasciatus* (7)  
*Lembos* sp. indet. (7)  
*Microdeutopus myersi* (1)  
*Dulichella appendiculata* (4)  
*Orchestia grillus* (1)  
*Periclimenes americanus* (1)  
*Haminoea succinea* (1)  
*Doto* sp. A. (1)  
*Galeommatacea* sp. A (1)

**Station 14**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	8.75	1.818	Mean
4000-2000	5.96	2.14	Median
2000-1000	4.83	2.0	Mode
1000-500	6.39	2.111	Sorting
500-250	19.89	-0.638	Skewness
250-125	26.62	-0.4	Kurtosis
125-63	8.56		
63<	19		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	26	15

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
<i>Actinia</i> sp. A (1)	Nemertinea spp. (1)
Turbellaria spp. (3)	<i>Scoloplos (Leodamus) rubra</i> (1)
Nemertinea spp. (4)	cf. <i>Caulleriella killariensis</i> (1)
Nematoda spp. (4)	<i>Chaetozone setosa</i> (1)
<i>Naineris laevigata</i> (1)	<i>Axiothella mucosa</i> (1)
<i>Aricidea</i> sp. (1)	<i>Armandia maculata</i> (1)
<i>Cirrophorus furcatus</i> (1)	<i>Bhawania goodei</i> (1)
<i>Minuspio cirrifera</i> (1)	<i>Typosyllis alternata</i> (1)
<i>Prionospio cristata</i> (1)	<i>Pseudeurythoe ambigua</i> (1)
<i>Spio pettiboneae</i> (2)	<i>Lumbrineris latreilli</i> (2)
cf. <i>Caulleriella killariensis</i> (2)	<i>Lumbrineris verrilli</i> (2)
<i>Tharyx annulosus</i> (1)	<i>Pista cristata</i> (1)
<i>Dasybranchus lunulatus</i> (1)	<i>Terebellides stroemi</i> (1)
<i>Mediomastus ambiseta</i> (1)	<i>Phascolion caupo</i> (5)
Undetermined sp. B (1)	<i>Phascolion cryptus</i> (2)
Undetermined sp. D (1)	Cumacea spp. (3)
<i>Sthenelais boa</i> (1)	<i>Lembos</i> sp. indet. (1)
<i>Gyptis brevipalpa</i> (1)	<i>Caprella equilibra</i> (1)
<i>Nereis (Neanthes) succinea</i> (1)	<i>Glycymeris pectinata</i> (1)
<i>Platynereis dumerilii</i> (1)	<i>Ophiophragmus pulcher</i> (1)
<i>Glycinde solitaria</i> (1)	<i>Ophiostigma isacanthum</i> (1)
<i>Eunice vittatopsis</i> (2)	
<i>Lumbrineris impatiens</i> (1)	
<i>Lumbrineris latreilli</i> (6)	

*Lumbrineris verrilli* (2)  
*Piromis eruca* (2)  
*Scionides reticulata* (1)  
*Terebellides stroemi* (1)  
*Oligochaeta* spp. (1)  
*Podocopa* spp. (1)  
*Copepoda* spp. (1)  
*Kalliapseudes* sp. A (1)  
*Cymadusa filosa* (1)  
*Alpheus normanni* (1)  
*Processa* sp. indet. (1)  
*Astraea tecta americana* (1)  
*Caecum pulchellum* (4)  
*Glycymeris pectinata* (1)  
*Codakia orbiculata* (1)  
*Ophiostigma isacanthum* (3)  
*Amphiodia pulchella* (2)  
*Ophiophragmus pulcher* (1)  
*Ophiopsila riisei* (3)

## Station 15

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	1.25	Mean
4000-2000	5.81	0.89	Median
2000-1000	21.54	0.0	Mode
1000-500	25.76	1.722	Sorting
500-250	12.56	0.428	Skewness
250-125	17.59	-0.785	Kurtosis
125-63	6.55		
63<	10.2		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	18	2
<i>Halodule</i>	6	30

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Halodule wrightii</i>	<i>Syringodium filiforme</i>
<i>Udotea</i> sp.	<i>Halodule wrightii</i>
<i>Penicillus capitatus</i>	<i>Udotea</i> sp.
<i>Laurencia poitei</i>	<i>Penicillus capitatus</i>
<i>Digenea simplex</i>	<i>Laurencia poitei</i>
<i>Halimeda incrassata</i>	<i>Digenea simplex</i>
<i>Halimeda monile</i>	<i>Halimeda</i> cf. <i>incrassata</i>

## Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Nemertinea spp. (2)	Nemertinea spp. (3)
Nematoda spp. (4)	Nematoda spp. (1)
<i>Aricidea</i> sp. (1)	<i>Notomastus latericeus</i> (1)
<i>Prionospio heterobranchia</i> (4)	<i>Gyptis brevipalpa</i> (2)
<i>Scolecopsis squamata</i> (1)	<i>Brania</i> spp. (1)
<i>Typosyllis</i> sp. A (1)	<i>Glycinde solitaria</i> (1)
<i>Platynereis dumerilii</i> (2)	<i>Chone</i> sp. (2)
<i>Glycinde solitaria</i> (1)	<i>Cumacea</i> spp. (1)
<i>Lysidice ninetta</i> (1)	<i>Ampelisca abdita</i> (3)
<i>Pectinaria gouldi</i> (1)	<i>Amphilocheus neopolitanus</i> (1)
<i>Fabricia sabella</i> (1)	<i>Cymadusa compta</i> (7)
<i>Hydroides dianthus</i> (3)	<i>Grandidierella bonnieroides</i> (17)
<i>Oligochaeta</i> spp. (3)	<i>Batea catharinensis</i> (45)
<i>Zeuxo</i> sp. A (1)	<i>Dulichella appendiculata</i> (8)
<i>Erichsonella floridana</i> (1)	<i>Elasmopus laevis</i> (13)
<i>Amphilocheus neopolitanus</i> (1)	<i>Erichthonius brasiliensis</i> (3)
<i>Cymadusa compta</i> (11)	<i>Lysianassa alba</i> (14)
<i>Lembos unicornis</i> (2)	<i>Acuminodeutopus naglei</i> (10)
<i>Elasmopus rapax</i> (2)	<i>Caecum pulchellum</i> (12)
<i>Penaeus duorarum duorarum</i> (1)	<i>Amygdalum papyrium</i> (1)
<i>Caecum pulchellum</i> (64)	<i>Abra aequalis</i> (2)
<i>Meioceras nitida</i> (1)	<i>Holothuroidea</i> sp. A (2)
<i>Odostomia</i> sp. A (1)	
<i>Acteocina canaliculata</i> (2)	
<i>Codakia orbiculata</i> (2)	
<i>Laevicardium mortoni</i> (1)	

### Station 16

#### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	100
4000-2000	0
2000-1000	0
1000-500	0
500-250	0
250-125	0
125-63	0
63<	0

Texture Analysis (grain size -phi)	
NA	Mean
NA	Median
NA	Mode
NA	Sorting
NA	Skewness
NA	Kurtosis

#### Seagrass Blade Count

#### Wet Season

#### Dry Season

No seagrass

## Plant Material Found in Dredge Samples

### Wet Season

*Halimeda opuntia*  
*Dictyota volubilis*  
*Dictyosphaeria cavernosa*  
*Cladophoropsis macromeres*

### Dry Season

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Niphates erecta* (1)  
Actiniidae sp. B (1)  
*Actinia* sp. A (3)  
*Porites furcata* (1)  
Turbellaria spp. (9)  
Nemertinea spp. (3)  
Nematoda spp. (1)  
*Naineris laevigata* (1)  
*Prionospio heterobranchia* (5)  
*Spio pettiboneae* (1)  
*Scyphoproctus platyproctus* (1)  
*Axiothella mucosa* (3)  
*Phylodoce (Nereiphylla) fragilis* (1)  
*Aalaenotus debilis* (7)  
*Autolytus* sp. (4)  
*Ehlersia* sp. A (5)  
*Eudontosyllis aciculata* (2)  
cf. *Eusyllis* sp. (1)  
*Exogone arenosa* (14)  
*Exogone dispar* (3)  
*Haplosyllis spongicola* (1)  
*Odontosyllis* sp. (5)  
*Parasphaerosyllis* cf. *indica* (3)  
Procereae sp. (1)  
*Sphaerosyllis* spp. (2)  
*Typosyllis alternata* (10)  
*Typosyllis* sp. A (1)  
*Typosyllis* sp. B (9)  
*Typosyllis* sp. C (2)  
*Typosyllis* sp. D (2)  
*Typosyllis* sp. E (1)  
*Typosyllis* sp. F (3)  
*Typosyllis* sp. G (2)  
*Typosyllis* sp. H (1)  
Undetermined sp. B (*Eusyllinae*) (3)  
Undetermined sp. C (*Eusyllinae*) (6)  
Undetermined sp. (*Syllinae*) (1)  
*Nereis (Nereis)* sp. (6)  
*Chloeia viridis* (29)  
*Eunice afra* (1)  
*Eunice kinbergi* (1)

### Dry Season

*Spongia* sp. indet. (1)  
Nemertinea spp. (3)  
Nematoda sp. (1)  
*Ectoprocta* spp. (2)  
*Prionospio heterobranchia* (3)  
Undetermined sp. A (1)  
*Sclerocheilus* sp. (1)  
*Branchiosyllis oculata* (2)  
*Ehlersia* sp. A (5)  
*Exogone arenosa* (2)  
*Exogone verugera* (1)  
*Parasphaerosyllis* cf. *indica* (1)  
*Sphaerosyllis* spp. (5)  
*Typosyllis alternata* (1)  
*Typosyllis* sp. E (1)  
*Typosyllis* sp. G (1)  
*Typosyllis* sp. I (1)  
*Typosyllis* sp. J (1)  
*Typosyllis* sp. K (1)  
Undetermined sp. B (*Eusyllinae*) (1)  
*Chloeia viridis* (1)  
*Eunice vittatopsis* (1)  
*Lumbrineris impatiens* (1)  
*Lumbrineris latreilli* (5)  
*Polycirrus eximius* (2)  
*Fabricia sabella* (1)  
*Sipuncula* sp. F (1)  
*Phascolion cryptus* (1)  
*Podocopa* spp. (1)  
*Tanaidae* sp. indet. (1)  
*Leptochela savignyi* (2)  
*Carpis* cf. *stylodactylus* (2)  
*Paracerceis caudata* (1)  
*Lembos spinicarpus* (4)  
*Carinobatea cuspidata* (4)  
? *Elasmopus* n. sp. (18)  
*Maera* n. sp. (3)  
*Protohadzia schoenerae* (5)  
*Leucothoides pottsi* (1)  
*Heterophlias seclusus* (1)  
*Seba tropica* (2)

*Eunice vittatopsis* (4)  
*Nematonereis unicornis* (1)  
*Lumbrineris latreilli* (18)  
*Pherusa ehlersi* (1)  
*Pista cristata* (2)  
*Polycirrus eximius* (5)  
*Thelepus setosus* (1)  
*Megalomma* sp. (1)  
*Pseudopotamilla* sp. (1)  
Undetermined sp. A (1)  
Undetermined sp. B (1)  
*Hydroides* sp. indet. (2)  
*Pomatostegus stellatus* (2)  
*Subprotula* sp. indet. (1)  
Podocopa spp. (9)  
Myodocopa spp. (11)  
Copepoda spp. (6)  
Cumacea spp. (2)  
*Apseudes* sp. A (5)  
*Paratanaididae* spp. (54)  
*Carpas minutus* (32)  
*Carpas stylodactylus* (13)  
*Munnidae* sp. (1)  
*Excorollana* sp. (1)  
*Apanthura magnifica* (1)  
*Lembos unicornis* (3)  
*Colomastix janiceae* (6)  
*Ceradocus sheardi* (23)  
*Ceradocus shoemakeri* (1)  
*Ceradomaera* n. sp. (7)  
*Maera* n. sp. (20)  
*Tabatzius muelleri* (2)  
*Protohadzia schoenerae* (3)  
*Leucothoides pottsi* (10)  
*Leucothoe spinicarpa* (7)  
*Lysianassa alba* (4)  
*Ochlesidae* n. g. n. sp. (2)  
*Heterophlias seclusus* (4)  
*Seba tropica* (2)  
*Periclimenes americanus* (1)  
*Paguristes invisissacculus* (2)  
Insect larva (6)  
*Chironomidae* spp. (1)  
*Caecum plicatum* (1)  
*Cerithium litteratum* (1)  
*Chaetopleura apiculata* (5)  
*Acanthochitona pygmaea* (12)  
*Cryptoconchus floridanus* (3)  
*Arca zebra* (1)  
*Arcopsis adamsi* (1)  
*Modiolus modiolus squamosus* (1)  
*Modiolus americanus* (1)  
*Anomia simplex* (1)  
*Lima lima* (1)

*Periclimenes americanus* (1)  
*Pycnogonida* spp. (2)  
Insecta spp. (6)  
*Caecum pulchellum* (1)  
*Caecum plicatum* (22)  
*Vermicularia spirata* (1)  
*Cerithium eburneum* (1)  
*Seila adamsi* (1)  
*Eulima* sp. A (1)  
*Bailya intricata* (1)  
*Marginella lavalleeana* (1)  
*Dentalium antillarum* (2)  
*Ischnochiton papillosus* (1)  
*Acanthochitona pygmaea* (1)  
*Holothuroidea* sp. A (3)  
*Amphiura stimpsoni* (1)  
*Amphipholis januarii* (1)  
*Ophonereis reticulata* (10)  
*Ophiolepis paucispina* (1)  
*Ophiactis savignyi* (4)

*Leptosynapta parvipatina* (2)  
*Ophiostigma isacanthum* (4)  
*Amphipholis januarii* (1)  
*Axiognathus squamatus* (1)  
*Ophionereis reticulata* (58)  
*Amphiura stimpsoni* (2)  
*Amphiura palmeri* (1)  
*Ophiolepis paucispina* (3)  
*Ophiactis savignyi* (6)  
*Ophiopsila riisei* (3)

## Station 17

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.269	Mean
4000-2000	0.8	2.31	Median
2000-1000	0.74	2.5	Mode
1000-500	2.83	0.821	Sorting
500-250	22.9	-0.627	Skewness
250-125	65.52	4.964	Kurtosis
125-63	3.48		
63<	3.72		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	35	37
<i>Syringodium</i>	13	24

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
<i>Halodule wrightii</i>	<i>Laurencia poitei</i>
<i>Acetabularia crenulata</i>	
<i>Halimeda incrassata</i>	

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Nemertinea spp. (1)	<i>Chondrilla nucula</i> (1)
Nematoda spp. (4)	Nemertinea spp. (4)
<i>Prionospio heterobranchia</i> (1)	<i>Typosyllis</i> sp. A (8)
<i>Podarke obscura</i> (1)	<i>Glycinde solitaria</i> (2)
<i>Exogone arenosa</i> (1)	<i>Chone</i> sp. (1)
<i>Exogone dispar</i> (1)	<i>Fabricia sabella</i> (1)
<i>Typosyllis</i> sp. A (2)	<i>Paracerceis caudata</i> (1)



*Platynereis dumerilii* (2)  
*Pectinaria gouldi* (1)  
*Chone americana* (1)  
*Sabella variegata* (2)  
*Oligochaeta* spp. (1)  
*Myodocopa* spp. (1)  
*Paracerceis caudata* (1)  
*Cymadusa filosa* (10)  
*Grandidierella bonnieroides* (2)  
*Elasmopus rapax* (1)  
*Lysianassa alba* (1)  
*Alpheus* sp. indet. (poor cond.) (1)  
*Caecum pulchellum* (6)  
*Meioceras nitida* (1)  
*Odostomia* sp. A (1)

*Amphilocheus neopolitanus* (6)  
*Ampithoe* sp. indet. (9)  
*Cymadusa compta* (17)  
*Lembos* sp. indet. (17)  
*Batea catharinensis* (3)  
*Dulichella appendiculata* (11)  
*Elasmopus laevis* (19)  
*Erichthonius brasiliensis* (13)  
*Lysianassa alba* (21)  
*Pagurus* n. sp. A (1)  
*Xanthidae* sp. indet. (1)  
*Amphithalamus vallei* (3)  
*Caecum pulchellum* (4)  
*Marginella apicina* (1)  
*Ischnochiton papillosus* (2)  
*Brachidontes exustus* (1)  
*Tellina versicolor* (1)

## Station 18

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	100
4000-2000	0
2000-1000	0
1000-500	0
500-250	0
250-125	0
125-63	0
63<	0

Texture Analysis (grain size -phi)	
NA	Mean
NA	Median
NA	Mode
NA	Sorting
NA	Skewness
NA	Kurtosis

### Seagrass Blade Count

### Wet Season

### Dry Season

*No seagrass*

### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Thalassia testudinum*  
*Halodule wrightii*  
*Laurencia poitei*  
 Other

*Penicillus pyriformis*

## Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Nematoda spp. (3)	Nemertinea spp. (3)
<i>Naineris laevigata</i> (1)	Nematoda spp. (2)
<i>Cirrophorus furcatus</i> (7)	<i>Cirrophorus furcatus</i> (1)
<i>Prionospio heterobranchia</i> (2)	<i>Spio pettiboneae</i> (1)
<i>Ehlersia</i> sp. A (1)	cf. <i>Caulleriella killariensis</i> (1)
<i>Exogone dispar</i> (1)	<i>Notomastus latericeus</i> (1)
<i>Typosyllis</i> sp. A (1)	<i>Scyphoproctus platyproctus</i> (1)
<i>Schistomeringos</i> cf. <i>pectinata</i> (1)	<i>Ehlersia</i> sp. A (1)
<i>Oligochaeta</i> spp. (11)	<i>Sphaerosyllis</i> spp. (1)
<i>Paratanaididae</i> spp. (1)	<i>Glycera</i> sp. (1)
<i>Erichsonella floridana</i> (2)	<i>Lysidice ninetta</i> (1)
<i>Grandidierella bonnieroides</i> (3)	<i>Lumbrineris verrilli</i> (1)
<i>Lysianassa alba</i> (1)	<i>Schistomeringos</i> cf. <i>pectinata</i> (2)
<i>Caecum pulchellum</i> (24)	<i>Myodocopa</i> spp. (19)
<i>Meioceras nitida</i> (6)	<i>Cumacea</i> spp. (5)
<i>Laevicardium mortoni</i> (1)	<i>Lembos unicornis</i> (1)
	<i>Corophium tuberculatum</i> (1)
	<i>Erichthonius brasiliensis</i> (3)
	<i>Caecum pulchellum</i> (202)
	<i>Pyramidella crenulata</i> (1)
	<i>Amphiodia pulchella</i> (6)
	Postlarva (indet.) (1)

## Station 19

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.149	Mean
4000-2000	1.01	2.12	Median
2000-1000	1.34	2.0	Mode
1000-500	3.09	0.976	Sorting
500-250	36.71	-0.022	Skewness
250-125	48.77	2.69	Kurtosis
125-63	2.3		
63<	6.78		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	2	5

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Penicillus lamourouxiii</i>	

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Nemertinea* spp. (1)  
*Aricidea philbinae* (2)  
*Scolecopsis (Scolecopsis) texana* (1)  
*Caulleriella alata* (3)  
 cf. *Tharyx* sp. (1)  
*Notomastus hemipodus* (1)  
*Axiothella mucosa* (1)  
*Eulalia (Eumida) sanguinea* (1)  
*Ehlersia* sp. A (3)  
*Exogone dispar* (1)  
*Typosyllis* sp. A (1)  
 Undetermined sp. C (*Eusyllinae*) (2)  
*Platynereis dumerilii* (1)  
*Glycera* sp. (9)  
*Lysidice ninetta* (1)  
*Lumbrineris* cf. *albidentata* (2)  
*Dorvillea rubra* (1)  
*Polycirrus carolinensis* (1)  
*Trichobranchus glacialis* (1)  
*Oligochaeta* spp. (6)  
*Myodocopa* spp. (3)  
*Paratanaidae* spp. (19)  
*Lembos spinicarpus* (2)  
*Erichthonius rubricornis* (1)  
*Caecum pulchellum* (1)  
*Brachidontes exustus* (1)  
*Galeommatacea* sp. A (1)  
*Tellina versicolor* (1)  
*Amphiodia pulchella* (1)

### Dry Season

*Prionospio heterobranchia* (1)  
*Spio pettiboneae* (1)  
 cf. *Caulleriella killariensis* (1)  
*Notomastus hemipodus* (3)  
*Axiothella mucosa* (1)  
*Sthenelais boa* (1)  
*Exogone arenosa* (1)  
 Undetermined sp. C (*Eusyllinae*) (1)  
*Lumbrineris verrilli* (1)  
*Polycirrus carolinensis* (2)  
*Mysidopsis furca* (1)  
*Leptochela savignyi* (5)  
*Serolis* cf. *mgrayi* (1)  
*Apanthura magnifica* (2)  
*Ampelisca verilli* (2)  
*Microdeutopus myersi* (1)  
*Carinobatea carinata* (1)  
*Erichthonius brasiliensis* (1)  
*Eusirus crassi* (1)  
*Rhepoxynius* sp. indet. (1)

## Station 20

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	15.67	2.202	Mean
4000-2000	7.01	3.43	Median
2000-1000	2.95	4.0	Mode
1000-500	3	2.698	Sorting
500-250	6.58	-0.801	Skewness
250-125	7.93	-0.996	Kurtosis
125-63	15.63		
63<	41.22		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	8	25

#### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Halimeda opuntia</i>	

#### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Actinia</i> sp. A (1)	<i>Haliclona</i> cf. <i>molitba</i> (12)
Turbellaria spp. (1)	Nemertinea spp. (29)
Nemertinea spp. (6)	Nematoda spp. (2)
Nematoda spp. (1)	<i>Aricidea philbinae</i> (1)
<i>Naineris laevigata</i> (7)	<i>Cirrophorus furcatus</i> (1)
<i>Aricidea</i> sp. (3)	<i>Prionospio cristata</i> (1)
<i>Prionospio cristata</i> (1)	<i>Scolelepis squamata</i> (1)
<i>Prionospio heterobranchia</i> (2)	cf. <i>Cirratulus</i> sp. (1)
<i>Tharyx annulosus</i> (1)	<i>Ehlersia</i> sp. A (4)
<i>Mediomastus ambiseta</i> (1)	<i>Exogone arenosa</i> (4)
<i>Notomastus latericeus</i> (2)	<i>Sphaerosyllis</i> spp. (5)
<i>Pulliella</i> sp. (1)	<i>Typosyllis</i> sp. A (2)
<i>Axiiothella</i> sp. (1)	Undetermined sp. C ( <i>Eusyllinae</i> ) (1)
<i>Euclymene coronata</i> (3)	<i>Schistomeringos rudolphi</i> (1)
<i>Eulalia (Eumida) sanguinea</i> (2)	<i>Melinna maculata</i> (1)
<i>Phylodoce (Nereiphylla) fragilis</i> (1)	<i>Loimia medusa</i> (1)
<i>Sthenelais boa</i> (1)	<i>Pista cristata</i> (1)
<i>Palaenotus debilis</i> (10)	<i>Thelepus setosus</i> (1)
<i>Podarke obscura</i> (1)	<i>Chone americana</i> (1)
<i>Branchiosyllis oculata</i> (1)	<i>Myodocopa</i> spp. (1)
<i>Exogone arenosa</i> (13)	<i>Leptocheila savignyi</i> (1)
<i>Exogone dispar</i> (5)	<i>Linga pensylvanica</i> (1)
<i>Odontosyllis</i> sp. (1)	<i>Ophiostigma isacanthum</i> (1)
<i>Typosyllis alternata</i> (2)	
<i>Typosyllis</i> sp. A (1)	
<i>Typosyllis</i> sp. B (1)	
<i>Typosyllis</i> sp. I (5)	
Undetermined sp. B ( <i>Eusyllinae</i> ) (2)	
<i>Ceratonereis irritabilis</i> (1)	
<i>Nereis (Nereis) sp.</i> (1)	
<i>Chloeia viridis</i> (3)	
<i>Eunice vittatopsis</i> (14)	
<i>Nematonereis unicornis</i> (5)	
<i>Lumbrineris impatiens</i> (3)	
<i>Lumbrineris latreilli</i> (2)	
<i>Schistomeringos rudolphi</i> (2)	
<i>Pista cristata</i> (1)	
<i>Polycirrus carolinensis</i> (14)	
<i>Terebella rubra</i> (1)	

*Branchiomma nigromaculata* (2)  
*Chone americana* (1)  
*Sabella variegata* (6)  
cf. *Sabellastarte* sp. (1)  
*Oligochaeta* spp. (6)  
*Sipuncula* sp. B (2)  
*Myodocopa* spp. (1)  
*Paranebalia longipes* (2)  
*Paratanaidae* spp. (6)  
*Carpas stylodactylus* (1)  
*Limnoria platycaudata* (1)  
*Panathura formosa* (1)  
*Ampelisca schellenbergi* (3)  
*Ampelisca vadorum* (2)  
*Anamixis hanseni* (1)  
*Lembos spinicarpus* (2)  
*Ceradocus shoemakeri* (2)  
*Elasmopus laevis* (2)  
*Protohadzia schoenerae* (2)  
*Leucothoe spinicarpa* (2)  
*Lysianassa alba* (1)  
*Heterophlias seclusus* (1)  
*Periclimenes americanus* (5)  
*Alpheus normanni* (2)  
*Thor* sp. indet. (1)  
*Paguristes tortugae* (1)  
*Tegula fasciata* (1)  
*Rissoina cancellata* (1)  
*Meioceras nitida* (1)  
*Haliotinella patinaria* (1)  
*Mitrella argus* (1)  
*Vexillum gemmatum* (1)  
*Ischnochiton papillosus* (1)  
*Cryptoconchus floridanus* (1)  
*Glycymeris pectinata* (3)  
*Lima pellucida* (1)  
*Galeommatacea* sp. B (2)  
*Gouldia cerina* (1)  
Holothuroidea sp. A (2)  
*Lytechinus variegatus* (1)  
*Ophiothrix oerstedii* (3)  
*Ophiostigma isacanthum* (1)  
*Amphipholis januarii* (1)  
*Chaetognatha* sp. (1)

## Station 21

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.891	Mean
4000-2000	1.99	2.91	Median
2000-1000	2.29	3.0	Mode
1000-500	3.51	1.351	Sorting
500-250	9.84	-0.952	Skewness
250-125	36.02	1.296	Kurtosis
125-63	21.97		
63<	24.39		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	12	23
<i>Syringodium</i>	3	2

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Actinia sp. A (13)	Nemertinea spp. (3)
Nematoda spp. (1)	<i>Haploscoloplos foliosus</i> (1)
<i>Naineris laevigata</i> (3)	<i>Scoloplos (Scol.) cf. capensis</i> (1)
<i>Minuspio cirrifera</i> (1)	<i>Prionospio cristata</i> (1)
<i>Prionospio cristata</i> (1)	<i>Prionospio heterobranchia</i> (9)
<i>Prionospio heterobranchia</i> (1)	<i>Notomastus latericeus</i> (1)
<i>Spio pettiboneae</i> (1)	<i>Pholoe minuta</i> (2)
<i>Capitellides jonesi</i> (1)	<i>Sthenelais boa</i> (1)
<i>Neonotomastus glabrus</i> (1)	cf. <i>Eusyllis</i> sp. (1)
<i>Notomastus latericeus</i> (1)	<i>Exogone arenosa</i> (2)
<i>Scyphoproctus platyproctus</i> (1)	<i>Sphaerosyllis</i> spp. (4)
<i>Armandia maculata</i> (1)	<i>Nematonereis unicornis</i> (1)
<i>Exogone arenosa</i> (3)	<i>Chone americana</i> (1)
<i>Exogone verugera</i> (1)	<i>Myodocopa</i> spp. (2)
<i>Nereis (Nereis) sp.</i> (1)	<i>Heteromysis</i> sp. A (1)
<i>Lumbrineris impatiens</i> (1)	<i>Carpas</i> cf. <i>stylodactylus</i> (1)
<i>Fabricia sabella</i> (1)	<i>Amphilocheus neopolitanus</i> (1)
<i>Myodocopa</i> spp. (1)	<i>Lembos</i> sp. indet. (2)
<i>Paranebalia longipes</i> (4)	<i>Chevalia aviculae</i> (1)
<i>Apseudes</i> sp. A (1)	<i>Protohadzia schoenerae</i> (3)
<i>Paratanaididae</i> spp. (2)	<i>Erichthonius brasiliensis</i> (1)

*Carpas minutus* (1)  
*Lembos spinicarpus* (1)  
*Microdeutopus myersi* (1)  
*Paraphoxus spinosus* (1)  
*Periclimenes americanus* (1)  
*Paguristes tortugae* (1)  
*Pitho* sp. indet. (1)  
*Acmaea pustulata* (1)  
*Caecum pulchellum* (1)  
*Cerithium eburneum* (1)  
*Mitrella argus* (1)  
*Elysia* sp. A (1)  
*Ischnochiton papillosus* (2)  
*Tellina similis* (1)  
 juv. type sp. C (1)

*Erichthonius rubricornis* (1)  
*Eusirus crassi* (1)  
*Necmegamorphus* n. sp. (1)  
*Tegula fasciata* (1)  
*Codakia orbiculata* (1)  
*Leptosynapta parvipatina* (2)  
*Chirodota rotifera* (1)  
*Ophiostigma isacanthum* (1)  
*Amphioplus abdita* (2)  
*Ophioderma brevispinum* (2)  
*Paraclinus fasciatus* (1)

## Station 22

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.059	Mean
4000-2000	0.66	2.1	Median
2000-1000	0.2	2.0	Mode
1000-500	1.45	0.636	Sorting
500-250	39.64	-1.433	Skewness
250-125	56.38	5.861	Kurtosis
125-63	1.66		
63<	0		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	5	0

### Plant Material Found in Dredge Samples

Wet Season

Dry Season

No plant material found in sample

### Benthic Organisms Found in Dredge Samples

Wet Season

Dry Season

*Grandidierella bonnieroides* (7)  
*Atylus urocarinatus* (1)  
 Insect larva (1)

*Scoloplos (Leodamus) rubra* (1)  
*Lumbrineris latreilli* (1)  
*Pectinaria gouldi* (1)  
*Lembos* sp. indet. (1)  
*Batea catharinensis* (1)

## Station 23

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.452	Mean
4000-2000	2.6	2.3	Median
2000-1000	1.35	2.0	Mode
1000-500	3.54	1.393	Sorting
500-250	32.21	-0.219	Skewness
250-125	32.92	0.333	Kurtosis
125-63	5.78		
63<	21.6		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	23	22

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Turbellaria spp. (1)	Nemertinea spp. (8)
Nemertinea spp. (6)	Nematoda spp. (1)
<i>Aricidea</i> sp. (1)	<i>Aricidea philbinae</i> (2)
<i>Minuspio cirrifera</i> (2)	<i>Minuspio cirrifera</i> (1)
<i>Prionospio cristata</i> (1)	<i>Prionospio cristata</i> (4)
<i>Prionospio heterobranchia</i> (1)	<i>Capitellides jonesi</i> (1)
<i>Caulleriella alata</i> (1)	near <i>Pseudoleiocapitella</i> sp. (1)
cf. <i>Caulleriella killariensis</i> (1)	<i>Armandia maculata</i> (1)
<i>Tharyx annulosus</i> (1)	<i>Bhawania goodei</i> (1)
<i>Macrochaeta</i> sp. (1)	<i>Exogone dispar</i> (2)
<i>Leiochrides pallidior</i> (1)	<i>Sphaerosyllis</i> spp. (2)
<i>Mediomastus ambiseta</i> (1)	<i>Nereis (Neanthes) succinea</i> (1)
<i>Notomastus latericeus</i> (1)	<i>Eunice vittatopsis</i> (2)
near <i>Pseudoleiocapitella</i> sp. (1)	<i>Lumbrineris latreilli</i> (1)
<i>Phylodloce (Nereiphylla) fragilis</i> (1)	<i>Lumbrineris verrilli</i> (3)
<i>Sthenelais boa</i> (1)	<i>Leptochela savignyi</i> (1)
<i>Bhawania goodei</i> (1)	<i>Ampelisca abdita</i> (1)
<i>Exogone arenosa</i> (1)	<i>Lembos</i> sp. indet. (1)
<i>Typosyllis</i> sp. A (1)	<i>Carinobatea carinata</i> (1)
<i>Nereis (Nereis)</i> sp. (1)	<i>Synchelidium americanum</i> (1)
<i>Glycinde solitaria</i> (1)	<i>Rissoina catesbyana</i> (11)
<i>Nephtys (Aglaophamus)</i> sp. (4)	<i>Caecum pulchellum</i> (2)
<i>Eunice vittatopsis</i> (2)	<i>Modulus modulus</i> (1)



*Lumbrineris latreilli* (1)  
*Dorvillea rubra* (2)  
 Undetermined sp. indet. (2)  
*Sipuncula* sp. B (1)  
*Myodocopa* spp. (2)  
*Heteromysis* cf. *formosa* (3)  
*Cumacea* spp. (1)  
*Paracerceis caudata* (2)  
*Limnoria platycaudata* (1)  
*Carinobatea carinata* (1)  
*Photis* sp. (1)  
*Leucothoe spinicarpa* (1)  
*Lysianassa alba* (1)  
*Periclimenes americanus* (2)  
*Alpheus normanni* (2)  
*Paguristes tortugae* (1)  
*Turbo castanea* (1)  
*Rissoina catesbyana* (1)  
*Caecum pulchellum* (4)  
*Nassarius albus* (1)  
*Anadara notabilis* (1)  
*Lima pellucida* (2)  
*Gouldia cerina* (1)  
 Holothuroidea sp. A (1)  
*Amphiodia pulchella* (2)  
*Ascidacea* spp. (2)

*Olivella perplexa* (1)  
*Nucula proxima* (1)  
*Anadara notabilis* (1)  
*Pinctada imbricata* (1)

## Station 24

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	1.01
2000-1000	2.48
1000-500	6.03
500-250	12.69
250-125	36.35
125-63	17.88
63<	23.55

Texture Analysis (grain size -phi)	
2.788	Mean
2.89	Median
2.5	Mode
1.345	Sorting
-0.606	Skewness
0.311	Kurtosis

### Seagrass Blade Count

*Thalassia*

### Wet Season

7

### Dry Season

3

## Plant Material Found in Dredge Samples

### Wet Season

*Thalassia testudinum*  
*Halimeda opuntia*

### Dry Season

*Thalassia testudinum*

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Chondrilla nucula* (9)  
Actiniidae sp. A (1)  
*Actinia* sp. A (2)  
Turbellaria spp. (8)  
Nemertinea spp. (17)  
*Naineris laevigata* (3)  
*Aricidea fragilis* (1)  
*Aricidea* sp. (3)  
*Cirrophorus furcatus* (1)  
*Minuspio cirrifera* (2)  
*Magelona* sp. A (1)  
cf. *Caulleriella killariensis* (4)  
*Mediomastus ambiseta* (3)  
*Notomastus latericeus* (7)  
*Paraleiocardia mossambica* (1)  
*Scyphoproctus platyproctus* (1)  
*Phylodoce (Nereiphylla) fragilis* (1)  
*Panthalis pustulata* (1)  
*Palaenotus debilis* (2)  
*Branchiosyllis oculata* (3)  
*Ehlersia* sp. A (1)  
*Exogone arenosa* (2)  
*Exogone dispar* (1)  
*Haplosyllis spongicola* (1)  
*Odontosyllis* sp. (1)  
*Sphaerosyllis* spp. (2)  
*Typosyllis alternata* (1)  
*Typosyllis* sp. B (5)  
*Typosyllis* sp. I (1)  
*Ceratonereis mirabilis* (2)  
*Nereis (Nereis)* sp. (1)  
*Platynereis dumerilii* (1)  
*Glycinde solitaria* (1)  
*Chloeia viridis* (1)  
*Eunice vittatopsis* (15)  
*Nematonereis unicornis* (1)  
*Lumbrineris verrilli* (4)  
*Arabella mutans* (2)  
*Dorvillea rubra* (1)  
*Pherusa ehlersi* (1)  
*Sabellaria vulgaris* (1)  
*Pista cristata* (6)  
*Polycirrus carolinensis* (1)

### Dry Season

Nemertinea spp. (3)  
*Scoloplos (Leodamus) rubra* (1)  
*Aricidea fragilis* (2)  
*Aricidea philbinae* (1)  
*Cirrophorus furcatus* (5)  
*Minuspio cirrifera* (1)  
*Prionospio cristata* (3)  
*Prionospio fallax* (1)  
*Scolecopsis (Scolecopsis) texana* (1)  
*Magelona pettiboneae* (1)  
*Notomastus latericeus* (1)  
near *Pseudoleiocardia* sp. (1)  
*Eteone heteropoda* (1)  
*Eulalia (Eumida) sanguinea* (1)  
Undetermined sp. D (1)  
*Ancistrosyllis* sp. indet. (1)  
*Exogone dispar* (1)  
*Nereis (Neanthes) succinea* (1)  
*Glycera* sp. (1)  
*Nematonereis unicornis* (1)  
*Lumbrineris verrilli* (2)  
*Galathowenia africana* (2)  
*Sabellaria vulgaris* (1)  
*Myodocopa* spp. (1)  
Copepoda spp. (1)  
*Leptochela savignyi* (1)  
*Ampelisca schellenbergi* (2)  
*Carinobatea carinata* (1)  
*Monoculodes nyei* (1)  
*Synchelidium americanum* (2)  
*Caridea (larva)* (1)  
*Meioceras nitida* (1)  
*Ophiostigma isacanthum* (2)  
*Amphipholis januarii* (1)  
*Ophiopsila riisei* (2)  
Juvenile (type C) (1)

*Thelepus setosus* (5)  
*Oligochaeta* spp. (2)  
*Myodocopa* spp. (1)  
*Copepoda* spp. (2)  
*Paranebalia longipes* (7)  
*Cumacea* spp. (1)  
*Paratanaidae* spp. (21)  
*Ampelisca schellenbergi* (2)  
*Protohadzia schoenerae* (12)  
*Leucothoides pottsi* (4)  
*Leucothoe spinicarpa* (5)  
*Lysianassa alba* (3)  
*Ochlesidae* n. g. n. sp. (1)  
*Periclimenes americanus* (2)  
*Thor* sp. indet. (1)  
*Processa bermudensis* (3)  
*Microphrys* cf. *interruptus* (1)  
*Pycnogonida* spp. (1)  
Insect larva (1)  
*Astraea phoebia* (1)  
*Caecum pulchellum* (1)  
*Crepidula plana* (2)  
*Cylindrobulla beauii* (11)  
*Acanthochitona pygmaea* (2)  
*Pinctada imbricata* (1)  
*Lima pellucida* (4)  
*Lyonsia beana* (1)  
*Holothuria surinamensis* (1)  
*Leptosynapta parvipatina* (6)  
*Ophiothrix oerstedii* (4)  
*Ophiostigma isacanthum* (2)  
*Amphipholis januarii* (7)  
*Axiognathus squamatus* (2)  
*Ophionereis reticulata* (2)  
*Amphiura stimpsoni* (2)  
*Ophiactis savignyi* (18)  
*Ophiopsila riisei* (9)  
*Ascidacea* spp. (1)

**Station 25**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0.68	2.989	Mean
4000-2000	0.97	3.25	Median
2000-1000	3.2	4.0	Mode
1000-500	5.83	1.527	Sorting
500-250	12.59	-1.015	Skewness
250-125	20.43	0.756	Kurtosis
125-63	22.56		
63<	33.73		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	19	19
<i>Halodule</i>	0	6
<i>Syringodium</i>	29	29

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i> <i>Syringodium filiforme</i> <i>Halodule wrightii</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
<i>Actinia</i> sp. A (1)	<i>Turbellaria</i> spp. (1)
<i>Turbellaria</i> spp. (3)	<i>Nemertinea</i> spp. (2)
<i>Nemertinea</i> spp. (3)	<i>Nematoda</i> spp. (10)
<i>Nematoda</i> spp. (3)	<i>Aricidea</i> sp. (2)
<i>Naineris setosa</i> (1)	<i>Laonice cirrata</i> (1)
<i>Aricidea philbinae</i> (1)	<i>Prionospio heterobranchia</i> (1)
<i>Laonice cirrata</i> (3)	<i>Cirriformia</i> sp. B (1)
<i>Minuspio cirrifera</i> (1)	<i>Tharyx annulosus</i> (2)
<i>Caulleriella alata</i> (2)	<i>Leiochrides pallidior</i> (2)
cf. <i>Caulleriella killariensis</i> (8)	<i>Sthenelais boa</i> (1)
cf. <i>Cirriformia</i> sp. (1)	<i>Autolytus</i> sp. A (2)
<i>Tharyx annulosus</i> (4)	<i>Sphaerosyllis</i> spp. (1)
cf. <i>Tharyx</i> sp. (2)	<i>Glycera tesselata</i> (1)
<i>Mediomastus ambiseta</i> (6)	<i>Lumbrineris latreilli</i> (1)
<i>Armandia maculata</i> (1)	<i>Schistomeringos rudolphi</i> (1)
<i>Harmothoe aculeata</i> (1)	<i>Pista cristata</i> (1)
Undetermined sp. C (1)	Undetermined sp. indet. (1)
<i>Sthenelais boa</i> (1)	Undetermined sp. B (1)
<i>Gyptis brevipalpa</i> (1)	<i>Sipuncula</i> sp. A (1)
<i>Podarke obscura</i> (3)	<i>Myodocopa</i> spp. (7)

*Ehlersia* sp. A (1)  
*Exogone arenosa* (3)  
*Typosyllis* sp. A (1)  
 Undetermined sp. A (Exogoninae) (1)  
*Nephtys (Aglaophamus)* sp. (1)  
*Lumbrineris verrilli* (1)  
*Owenia fusiformis* (1)  
*Pectinaria gouldi* (1)  
*Pista cristata* (2)  
*Chone americana* (2)  
*Oligochaeta* spp. (2)  
*Sipuncula* sp. B (1)  
*Myodocopa* spp. (1)  
*Cumacea* spp. (1)  
*Dikonophora* indet. (1)  
*Carpas stylodactylus* (6)  
*Apanthura magnifica* (1)  
*Lembos unicornis* (3)  
*Chevalia aviculae* (7)  
*Elasmopus laevis* (2)  
*Erichthonius rubricornis* (23)  
*Listriella barnardi* (2)  
*Pitho lherminieri* (2)  
*Astraea tecta americana* (2)  
*Modiolus modiolus squamosus* (2)  
*Modiolus americanus* (1)  
*Leptosynapta parvipatina* (1)  
*Chirodota rotifera* (6)  
*Ophiostigma isacanthum* (7)  
*Ophiopsila riisei* (1)

*Leptochela savignyi* (8)  
*Carpas cf. stylodactylus* (8)  
*Apanthura magnifica* (1)  
*Amphilocheus neopolitanus* (5)  
*Lembos unicornis* (4)  
*Lembos* sp. indet. (2)  
*Microdeutopus anomalus* (5)  
*Chevalia aviculae* (2)  
*Elasmopus laevis* (4)  
*Erichthonius brasiliensis* (2)  
*Lysianassa alba* (2)  
*Eusirus crassi* (2)  
*Foxiphalus* sp. indet (1)  
*Caridea* (larva) (1)  
*Pitho aculeata* (1)  
*Portunidae* sp. indet. (1)  
*Caecum pulchellum* (5)  
*Persicula catenata* (1)  
*Turbonilla* sp. D (1)  
*Musculus lateralis* (1)  
*Modiolus americanus* (2)  
*Chirodota rotifera* (2)  
*Ophiostigma isacanthum* (2)  
*Axiognathus squamatus* (1)

## Station 26

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	0.78
2000-1000	1.12
1000-1500	3.99
500-250	37.45
250-125	30.22
125-63	5.95
63<	20.5

Texture Analysis (grain size -phi)	
2.45	Mean
2.2	Median
1.0	Mode
1.286	Sorting
0.217	Skewness
-0.218	Kurtosis

### Seagrass Blade Count

*Halodule*

### Wet Season

13

### Dry Season

3

## Plant Material Found in Dredge Samples

### Wet Season

*Halodule wrightii*  
*Halimeda incrassata*

### Dry Season

*Halodule wrightii*  
*Halimeda incrassata*

## Benthic Organisms Found in Dredge Samples

### Wet Season

Nemertinea spp. (5)  
*Aricidea fragilis* (3)  
*Aricidea philbinae* (4)  
*Minuspio cirrifera* (1)  
cf. *Prionospio* sp. (1)  
*Magelona* sp. B (1)  
*Mediomastus ambiseta* (2)  
*Exogone dispar* (1)  
*Sphaerosyllis* spp. (3)  
*Typosyllis* sp. B (1)  
*Glycera* sp. (1)  
*Lumbrineris januarii* (1)  
*Lumbrineris tenuis* (1)  
*Lumbrineris verrilli* (3)  
*Schistomeringos* cf. *pectinata* (1)  
*Oligochaeta* spp. (3)  
*Myodocopa* spp. (1)  
*Copepoda* spp. (1)  
*Cumacea* spp. (1)  
*Apseudes* sp. A (1)  
*Batea catharinensis* (1)  
*Photis* sp. (1)  
*Penaeus duorarum duorarum* (1)  
*Caecum pulchellum* (12)  
*Olivella perplexa* (1)  
*Modiolus modiolus squamosus* (1)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (1)  
*Diplodonta punctata* (1)  
*Laevicardium mortoni* (1)  
Holothuroidea sp. A (1)  
Juvenile type C (3)

### Dry Season

Nematoda spp. (3)  
*Aricidea fragilis* (2)  
*Laonice cirrata* (1)  
*Prionospio fallax* (1)  
*Mediomastus ambiseta* (1)  
*Notomastus hemipodus* (1)  
*Eulalia (Eumida) sanguinea* (1)  
*Lumbrineris tenuis* (3)  
*Lumbrineris verrilli* (2)  
*Sipuncula* sp. A (2)  
*Myodocopa* spp. (4)  
*Batea catharinensis* (1)  
*Listriella barnardi* (1)  
*Monoculodes nyei* (1)  
*Caecum pulchellum* (7)  
*Olivella perplexa* (1)  
*Marginella lavalleeana* (3)  
*Turbonilla* sp. B (1)  
*Cylindrobulla beauui* (1)  
*Argopecten* sp. (juv.)  
*Linga amiantus* (1)  
Juvenile (type C) (1)

**Station 27**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	1.712	Mean
4000-2000	0.56	1.75	Median
2000-1000	1.58	2.0	Mode
1000-500	7.94	0.718	Sorting
500-250	57.07	-0.791	Skewness
250-125	31.73	2.498	Kurtosis
125-63	1.12		
63<	0.001		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	2	0

**Plant Material Found in Dredge Samples**

Wet Season

Dry Season

No plant material in sample

**Benthic Organisms Found in Dredge Samples**

Wet Season

Dry Season

*Cirrophorus furcatus* (1)  
*Prionospio cristata* (2)  
*Magelona* sp. B (1)  
*Mediomastus ambiseta* (2)  
*Glycera* sp. (3)  
*Lumbrineris verrilli* (3)  
*Owenia fusiformis* (2)  
*Mysidopsis furca* (1)  
*Mysida manca* larva (1)  
*Cumacea* spp. (1)  
*Paratanaidae* spp. (3)  
*Ampelisca vadorum* (1)  
*Caecum pulchellum* (24)  
*Bittium varium* (1)  
*Granulina ovuliformis* (1)  
*Acteocina canaliculata* (2)  
*Bulla striata* (1)  
*Nucula proxima* (1)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (4)  
*Tellina versicolor* (1)  
 Juvenile type A (1)

*Nemertinea* spp. (1)  
*Cirrophorus furcatus* (4)  
*Prionospio heterobranchia* (2)  
*Mediomastus ambiseta* (2)  
*Typosyllis* sp. A (1)  
*Glycinde solitaria* (1)  
*Myodocopa* spp. (3)  
*Paratanaidae* sp. indet. (4)  
*Lembos* sp. indet. (2)  
*Cerapus* n. sp. (2)  
*Erichthonius brasiliensis* (1)  
*Caecum pulchellum* (20)  
*Olivella perplexa* (1)  
*Marginella lavalleeana* (1)  
*Acteocina canaliculata* (1)  
*Linga amiantus* (2)  
*Parvilucina multilineata* (1)  
*Pitar simpsoni* (1)

**Station 28**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0.87	2.632	Mean
4000-2000	4.81	2.71	Median
2000-1000	1.97	2.5	Mode
1000-500	3.58	1.572	Sorting
500-250	10.19	-1.091	Skewness
250-125	40.69	1.419	Kurtosis
125-63	15.33		
63<	22.47		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	11	1

**Plant Material Found in Dredge Samples**

Wet Season

Dry Season

No Plant Material in sample

**Benthic Organisms Found in Dredge Samples**

Wet Season

Dry Season

Nemertinea spp. (9)	Nemertinea spp. (24)
<i>Aricidea fragilis</i> (5)	<i>Aricidea fragilis</i> (2)
<i>Aricidea philbinae</i> (2)	<i>Aricidea philbinae</i> (1)
<i>Cirrophorus furcatus</i> (1)	<i>Aricidea</i> sp. (1)
<i>Prionospio cristata</i> (4)	<i>Prionospio cristata</i> (21)
<i>Notomastus latericeus</i> (1)	<i>Spio pettiboneae</i> (1)
<i>Podarke obscura</i> (1)	<i>Mediomastus ambiseta</i> (1)
<i>Sphaerosyllis</i> spp. (1)	<i>Notomastus latericeus</i> (1)
Undetermined sp. B (Exogoninae) (1)	<i>Sthenelais boa</i> (1)
<i>Lumbrineris aberrans</i> (5)	<i>Exogone dispar</i> (2)
<i>Lumbrineris verrilli</i> (3)	<i>Odontosyllis</i> sp. (1)
<i>Galathowenia africana</i> (1)	<i>Sphaerosyllis</i> spp. (2)
<i>Oligochaeta</i> spp. (3)	<i>Galathowenia africana</i> (4)
<i>Myodocopa</i> spp. (11)	<i>Pista cristata</i> (2)
<i>Ampelisca vadorum</i> (3)	<i>Myodocopa</i> spp. (30)
<i>Grandidierella bonnieroides</i> (1)	<i>Copepoda</i> spp. (1)
<i>Xanthidae</i> sp. indet. (1)	<i>Mysidopsis furca</i> (3)
<i>Caecum pulchellum</i> (2)	<i>Ampelisca agassizzi</i> (1)
<i>Meioceras nitida</i> (1)	<i>Ampelisca verilli</i> (1)
<i>Linga amiantus</i> (1)	<i>Monoculodes nyei</i> (1)
<i>Parvilucina multilineaata</i> (3)	<i>Hemiproto wigleyi</i> (1)
<i>Pseudomiltha floridana</i> (1)	<i>Parvilucina multilineaata</i> (2)
<i>Diplodonta punctata</i> (2)	<i>Laevicardium mortoni</i> (1)



*Moira atropus* (1)  
*Ophionephthys limicola* (1)  
 Juvenile type C (1)

Juvenile (indet) (1)  
*Moira atropus* (1)  
*Amphioplus abdita* (1)  
 Juvenile (indet.) (3)  
 Chaetognatha spp. (1)

**Station 29**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	1.932	Mean
4000-2000	0.27	1.86	Median
2000-1000	0.87	2.0	Mode
1000-500	6.13	0.865	Sorting
500-250	51.18	0.607	Skewness
250-125	35.21	2.439	Kurtosis
125-63	2.28		
63<	4.05		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	17	26
<i>Syringodium</i>	3	2

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (11)	Turbellaria spp. (1)
Nematoda spp. (4)	Nemertinea spp. (28)
<i>Aricidea fragilis</i> (1)	Nematoda spp. (1)
<i>Aricidea</i> sp. (1)	<i>Aricidea fragilis</i> (1)
<i>Cirrophorus furcatus</i> (1)	<i>Cirrophorus furcatus</i> (2)
<i>Prionospio cristata</i> (4)	<i>Minuspio cirrifera</i> (1)
<i>Eulalia (Eumida) sanguinea</i> (1)	<i>Prionospio cristata</i> (7)
<i>Exogone dispar</i> (1)	<i>Magelona pettiboneae</i> (1)
<i>Typosyllis</i> sp. A (1)	near <i>Eunotomastus</i> sp. (1)
<i>Platynereis dumerilii</i> (2)	<i>Notomastus latericeus</i> (5)
<i>Onuphis (Nothria)</i> sp. (1)	<i>Pholoe minuta</i> (1)
<i>Eunice vittatopsis</i> (1)	<i>Ancistrotyllis</i> sp. indet. (1)
<i>Lumbrineris</i> cf. <i>albidentata</i> (3)	<i>Ehlersia</i> sp. A (1)
<i>Schistomeringos</i> cf. <i>pectinata</i> (1)	<i>Sphaerosyllis</i> spp. (1)
<i>Owenia fusiformis</i> (1)	<i>Lumbrineris latreilli</i> (1)

*Thelepus setosus* (1)  
 Undetermined sp. indet. (1)  
*Serpula* sp. indet. (1)  
*Myodocopa* spp. (2)  
*Cymadusa filosa* (2)  
*Lembos unicornis* (2)  
*Carinobatea carinata* (1)  
*Batea catharinensis* (1)  
*Elasmopus laevis* (2)  
*Leucothoe spinicarpa* (1)  
*Caecum pulchellum* (6)  
*Meioceras nitida* (2)  
*Eulima jamaicensis* (1)  
*Nucula proxima* (3)  
*Modiolus modiolus squamosus* (1)  
*Linga amiantus* (3)  
*Parvilucina multilineata* (3)  
*Chione cancellata* (1)  
 Holothuroidea sp. A (1)  
*Moira atropus* (2)  
*Ophiostigma isacanthum* (2)  
 Juvenile type C (1)

*Schistomeringos* cf. *pectinata* (2)  
*Galathowenia africana* (1)  
*Polycirrus carolinensis* (1)  
*Erichsonella filiformis isabel.* (2)  
*Ampelisca abdita* (2)  
*Amphilocheus neopolitanus* (2)  
*Carinobatea carinata* (1)  
*Carinobatea cuspidata* (1)  
*Batea catharinensis* (6)  
 ? *Elasmopus* n. sp. (1)  
*Synchelidium americanum* (2)  
*Alpheus* sp. indet. (1)  
*Processa bermudensis* (1)  
*Caecum pulchellum* (1)  
*Olivella perplexa* (1)  
*Marginella lavalleeana* (2)  
*Turbonilla* sp. E (1)  
*Cylindrobulla beauii* (1)  
*Nucula proxima* (2)  
*Amphiodia pulchella* (1)  
 Juvenile (indet.) (4)

### Station 30

#### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.335	Mean
4000-2000	0.94	2.15	Median
2000-1000	1.85	2.0	Mode
1000-500	4.46	1.251	Sorting
500-250	37.2	0.155	Skewness
250-125	32.7	0.221	Kurtosis
125-63	6.83		
63<	16.03		

#### Seagrass Blade Count

#### Wet Season

#### Dry Season

No seagrass

#### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Halodule wrightii*  
*Halophila baillonis*

## Benthic Organisms Found in Dredge Samples

### Wet Season

Nemertinea spp. (17)  
Nematoda spp. (1)  
*Scoloplos (Leodamus) rubra* (1)  
*Aricidea fragilis* (1)  
*Aricidea* sp. (2)  
*Cirrophorus furcatus* (1)  
*Prionospio cristata* (3)  
*Poecilochaetus johnsoni* (1)  
*Notomastus latericeus* (3)  
Undetermined sp. D (1)  
*Ehlersileanira* sp. indet. (1)  
*Sphaerosyllis* spp. (1)  
*Platynereis dumerilii* (1)  
*Lumbrineris verrilli* (4)  
*Owenia fusiformis* (1)  
*Pista cristata* (2)  
*Oligochaeta* spp. (1)  
*Mydocopa* spp. (18)  
*Mysidopsis furca* (1)  
*Cumacea* spp. (2)  
*Kalliapseudes* sp. A (1)  
*Paratanaidae* spp. (1)  
*Ampelisca vadorum* (3)  
*Monoculodes nyei* (1)  
*Caecum pulchellum* (6)  
*Meioceras nitida* (1)  
*Marginella lavalleana* (1)  
*Parvilucina multilineata* (10)  
*Diplodonta punctata* (2)  
*Laevicardium mortoni* (2)  
*Tellina martinicensis* (5)  
*Tellina versicolor* (1)  
*Tagelus divisus* (1)  
*Cyclinella tenuis* (1)  
*Micropholis gracillima* (2)  
*Ophionephthys limicola* (1)  
Juvenile type C (2)

### Dry Season

Nemertinea spp. (9)  
Nematoda spp. (2)  
*Aricidea fragilis* (3)  
*Aricidea* sp. (4)  
*Prionospio cristata* (13)  
*Magelona pettiboneae* (1)  
*Tharyx annulosus* (1)  
cf. *Tharyx* sp. (1)  
*Notomastus latericeus* (3)  
Undetermined sp. D (1)  
*Bhawania goodei* (1)  
*Ehlersia* sp. A (1)  
*Typosyllis* sp. A (2)  
*Lumbrineris ernesti* (1)  
*Lumbrineris verrilli* (3)  
*Schistomeringos* cf. *pectinata* (1)  
*Pectinaria gouldi* (1)  
*Isolda pulchella* (1)  
*Terebellides stroemi* (1)  
*Phascolion caupo* (2)  
*Phascolion cryptus* (1)  
*Mydocopa* spp. (8)  
*Cumacea* spp. (3)  
*Erichthonius brasiliensis* (2)  
*Synchelidium americanum* (3)  
*Metopa* sp. indet. (1)  
*Hemiproto wigleyi* (2)  
*Caridea* (larva) (1)  
*Caecum pulchellum* (9)  
*Olivella perplexa* (1)  
*Parvilucina multilineata* (3)  
*Tellina versicolor* (1)  
*Micropholis gracillima* (2)

**Station 31**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.801	Mean
4000-2000	0	2.71	Median
2000-1000	0.98	2.5	Mode
1000-500	2.7	1.121	Sorting
500-250	18.55	-0.071	Skewness
250-125	39.94	-0.309	Kurtosis
125-63	18.68		
63<	19.14		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	17	8

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (4)	<i>Minuspio cirrifera</i> (9)
Nematoda spp. (3)	<i>Prionospio cristata</i> (7)
<i>Aricidea philbinae</i> (1)	<i>Notomastus latericeus</i> (2)
<i>Laonice cirrata</i> (1)	<i>Harmothoe aculeata</i> (1)
<i>Prionospio cristata</i> (9)	<i>Podarke obscura</i> (1)
<i>Poecilochaetus johnsoni</i> (1)	<i>Sphaerosyllis</i> spp. (2)
cf. <i>Tharyx</i> sp. (1)	<i>Glycera abbranchiata</i> (1)
<i>Mediomastus ambiseta</i> (1)	<i>Glycera tessellata</i> (1)
<i>Grubeulepis</i> cf. <i>sulcatisetis</i> (1)	<i>Chone americana</i> (2)
<i>Exogone verugera</i> (1)	<i>Fabricia sabella</i> (2)
<i>Typosyllis alternata</i> (1)	Copepoda spp. (1)
<i>Ceratonereis irritabilis</i> (1)	<i>Leptocheila savignyi</i> (1)
<i>Lumbrineris latreilli</i> (1)	<i>Carpias</i> cf. <i>stylodactylus</i> (4)
<i>Lumbrineris verrilli</i> (1)	<i>Paracerceis caudata</i> (1)
<i>Isolda pulchella</i> (1)	<i>Amphilocheus neopolitanus</i> (1)
Oligochaeta spp. (2)	<i>Microdeutopus myersi</i> (1)
Myodocopa spp. (1)	<i>Batea catharinensis</i> (1)
<i>Apseudes</i> sp. A (2)	Metopa sp. indet. (1)
<i>Ampelisca abdita</i> (1)	<i>Alpheus floridanus</i> (2)
<i>Lembos unicornis</i> (1)	<i>Pitho</i> sp. indet. (1)
<i>Microdeutopus myersi</i> (2)	<i>Rissoina catesbyana</i> (21)
<i>Caecum pulchellum</i> (9)	<i>Amphithalamus vallei</i> (1)
<i>Meioceras nitida</i> (2)	<i>Caecum pulchellum</i> (22)
<i>Crepidula maculosa</i> (1)	<i>Meioceras nitida</i> (1)

*Odostomia* sp. A (1)  
*Haminoea antillarum* (2)  
*Lima pellucida* (1)  
*Trachycardium egmontianum* (1)  
*Laevicardium mortoni* (1)  
*Tellina martinicensis* (1)  
*Tellina versicolor* (2)  
 Holothuroidea sp. B (1)  
 juv. type C (2)

*Olivella perplexa* (1)  
*Hyalina veliei* (1)  
*Linga amiantus* (1)  
*Ophiolepis paucispina* (1)

## Station 32

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	1.883	Mean
4600-2000	0.11	1.82	Median
2000-1000	0.66	2.0	Mode
1000-500	6.07	0.801	Sorting
500-250	55.18	0.787	Skewness
250-125	33.02	2.732	Kurtosis
125-63	1.81		
63<	3.14		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	30

### Plant Material Found in Dredge Samples

*Thalassia testudinum*

*Thalassia testudinum*

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
? <i>Dysidea etheria</i> (1)	<i>Haliclona doria</i> (2)
<i>Haliclona viridis</i> (1)	<i>Chondrilla nucula</i> (1)
Turbellaria spp. (2)	<i>Aricidea philbinae</i> (1)
Nemertinea spp. (4)	<i>Prionospio cristata</i> (3)
Nematoda spp. (16)	cf. <i>Caulleriella killariensis</i> (1)
<i>Cirrophorus furcatus</i> (1)	Undetermined sp. D (1)
<i>Laonice cirrata</i> (3)	<i>Branchiosyllis oculata</i> (3)
<i>Polydora ligni</i> (4)	<i>Exogone dispar</i> (1)
<i>Prionospio cristata</i> (15)	<i>Typosyllis</i> sp. M. (1)
cf. <i>Caulleriella killariensis</i> (1)	<i>Platynereis dumerilii</i> (1)
<i>Mediomastus ambiseta</i> (2)	<i>Owenia fusiformis</i> (1)
<i>Eulalia (Eumida) sanguinea</i> (2)	<i>Sipuncula</i> sp. A (2)
<i>Lepidonotus variabilis</i> (1)	<i>Tanais</i> sp. B (1)
<i>Podarke obscura</i> (3)	<i>Amphilocheus neopolitanus</i> (1)
<i>Exogone arenosa</i> (1)	<i>Lembos rectangularatus</i> (2)

*Exogone dispar* (1)  
*Haplosyllis spongicola* (1)  
*Platynereis dumerilii* (8)  
*Lumbrineris latreilli* (1)  
*Dorvillea rubra* (1)  
*Sabellaria vulgaris* (1)  
*Isolda pulchella* (1)  
*Pseudobranchiomma emersoni* (3)  
*Myodocopa* spp. (2)  
*Apseudes* sp. A (5)  
*Paratanaidae* spp. (5)  
*Carpias stylodactylus* (8)  
*Paracerceis caudata* (7)  
*Xenanthura brevitelson* (1)  
*Lembos spinicarpus* (1)  
*Lembos unicornis* (18)  
*Microdeutopus myersi* (1)  
*Carinobatea carinata* (2)  
*Cerapus* n. sp. (1)  
*Chevalia aviculae* (9)  
*Dulichella appendiculata* (2)  
*Elasmopus laevis* (3)  
*Erichthonius rubricornis* (9)  
*Leucothoe spinicarpa* (3)  
*Neopanope packardii* (3)  
*Panopeus bermudensis* (1)  
*Caecum pulchellum* (60)  
*Meioceras nitida* (9)  
*Marginella lavalleeana* (1)  
*Turbonilla* sp. B (1)  
*Ischnochiton papillosus* (4)  
*Linga amiantus* (1)  
*Diplodonta punctata* (1)  
*Tellina martinicensis* (1)  
*Tellina versicolor* (1)  
*Cumingia tellinoides vanhynigi* (1)  
Holothuroidea sp. A (7)  
*Amphiodia pulchella* (4)  
*Ophiactis savignyi* (1)

*Batea catharinensis* (2)  
*Periclimenes longicaudatus* (1)  
*Hippolyte zostericola* (1)  
*Crepidula maculosa* (1)  
*Eupleura sulcidentata* (1)  
*Ischnochiton papillosus* (2)  
*Parvilucina multilineata* (1)  
*Amphiodia pulchella* (1)

**Station 33**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.999	Mean
4000-2000	0.18	2.81	Median
2000-1000	1.2	3.0	Mode
1000-500	1.64	1.179	Sorting
500-250	14.21	-0.307	Skewness
250-125	39.28	-0.120	Kurtosis
125-63	15.27		
63<	28.22		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	6	0
<i>Halophila</i>	2	0

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
	nothing but detritus

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (3)	Nemertinea spp. (13)
Nematoda spp. (4)	Nematoda spp. (1)
<i>Aricidea fragilis</i> (3)	<i>Aricidea fragilis</i> (1)
<i>Aricidea philbinae</i> (1)	<i>Prionospio cristata</i> (14)
<i>Prionospio cristata</i> (6)	<i>Mediomastus ambiseta</i> (1)
<i>Phyllodoce (Anaitides) arenae</i> (1)	<i>Notomastus latericeus</i> (2)
<i>Gyptis brevipalpa</i> (1)	<i>Praxillella</i> sp. (2)
<i>Lumbrineris ernesti</i> (1)	Undetermined sp. E (1)
<i>Lumbrineris verrilli</i> (5)	<i>Sthenelais boa</i> (1)
<i>Dorvillea rubra</i> (3)	<i>Exogone dispar</i> (1)
<i>Schistomeringos</i> cf. <i>pectinata</i> (9)	<i>Sphaerosyllis</i> spp. (4)
<i>Oligochaeta</i> spp. (1)	<i>Glycera tessellata</i> (2)
<i>Myodocopa</i> spp. (7)	<i>Lumbrineris tenuis</i> (1)
<i>Ampelisca vadorum</i> (2)	<i>Lumbrineris verrilli</i> (8)
<i>Lembos setosus</i> (1)	<i>Pista cristata</i> (1)
<i>Lembos unicornis</i> (1)	<i>Chone americana</i> (1)
<i>Erichthonius brasiliensis</i> (1)	<i>Fabricia sabella</i> (4)
<i>Caecum pulchellum</i> (6)	<i>Myodocopa</i> spp. (19)
<i>Parvilucina multilineata</i> (1)	<i>Meiosquilla</i> cf. <i>schmitti</i> (1)
<i>Laevicardium mortoni</i> (1)	<i>Cumacea</i> spp. (7)
<i>Moira atropus</i> (1)	<i>Ampelisca abdita</i> (1)
<i>Ophionephthys limicola</i> (1)	<i>Lembos</i> sp. indet. (1)
	<i>Batea catharinensis</i> (1)

*Synchelidium americanum* (1)  
*Caecum pulchellum* (4)  
*Dentalium antillarum* (1)  
*Anomia simplex* (2)  
*Linga amiantus* (7)  
*Parvilucina multilineata* (8)  
*Macoma tenta* (3)  
*Macoma* sp. A (1)  
*Abra aequalis* (2)  
*Tagelus divisus* (2)  
*Chione cancellata* (3)  
*Cardiomya gemma* (1)  
 Juvenile (type C) (2)

**Station 34**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.181	Mean
4000-2000	3.17	2.18	Median
2000-1000	3.45	2.0	Mode
1000-500	7.58	1.408	Sorting
500-250	29.13	-0.286	Skewness
250-125	34.84	0.366	Kurtosis
125-63	7.55		
63<	14.28		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	17	42
<i>Syringodium</i>	16	16

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
	<i>Laurencia poitei</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (11)	Demospongiae sp. indet. (2)
Nematoda spp. (6)	Nemertinea spp. (15)
<i>Aricidea philbinae</i> (1)	Nematoda spp. (7)
<i>Cirrophorus furcatus</i> (1)	<i>Ectoprocta</i> spp. (1)
<i>Minuspio cirrifera</i> (1)	<i>Aricidea fragilis</i> (1)
<i>Prionospio cristata</i> (8)	<i>Aricidea philbinae</i> (1)



cf. *Caulleriella killariensis* (1)  
*Notomastus hemipodus* (1)  
Undetermined sp. D (2)  
*Ceratonereis irritabilis* (1)  
*Lumbrineris latreilli* (3)  
*Schistomeringos* cf. *pectinata* (1)  
*Pista cristata* (2)  
*Periclimenes americanus* (1)  
*Latreutes fucorum* (1)  
*Caecum pulchellum* (10)  
*Meioceras nitida* (4)  
*Olivella perplexa* (1)  
*Marginella aureocincta* (1)  
*Bulla striata* (1)  
*Haminoea antillarum* (1)  
*Linga amiantus* (5)  
*Tellina similis* (1)  
*Pitar simpsoni* (2)  
Holothuroidea sp. A (1)  
*Amphiodia pulchella* (5)

*Cirrophorus furcatus* (3)  
*Prionospio cristata* (4)  
*Prionospio heterobranchia* (4)  
*Spio pettiboneae* (1)  
*Caulleriella alata* (1)  
*Mediomastus ambiseta* (1)  
*Notomastus latericeus* (1)  
*Bhawania goodei* (1)  
*Gyptis brevipalpa* (1)  
*Ancistrosyllis* sp. indet. (1)  
*Haplosyllis spongicola* (37)  
*Typosyllis* sp. A (2)  
*Typosyllis* sp. O (1)  
*Nereis (Neanthes) succinea* (1)  
*Eunice vittatopsis* (1)  
*Lumbrineris latreilli* (3)  
*Arabella mutans* (1)  
*Schistomeringos* cf. *pectinata* (6)  
*Owenia fusiformis* (1)  
*Loimia medusa* (2)  
*Pista cristata* (1)  
*Polycirrus carolinensis* (1)  
*Thelepus setosus* (1)  
*Terebellides stroemi* (1)  
*Myodocopa* spp. (2)  
*Mysidopsis furca* (1)  
*Leptochela savignyi* (1)  
*Paracerceis caudata* (3)  
*Lembos unicornis* (1)  
*Lembos* sp. indet. (4)  
*Carinobatea carinata* (2)  
*Eusirus crassi* (2)  
*Pinnixa floridana* (2)  
*Caecum pulchellum* (113)  
*Vermicularia knorrii* (1)  
*Marginella apicina* (1)  
*Marginella aureocincta* (3)  
*Conus jaspideus* (1)  
*Odostomia* sp. A (2)  
*Bulla striata* (1)  
*Modiolus modiolus squamosus* (1)  
*Lima pellucida* (1)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (3)  
*Laevicardium mortoni* (1)  
*Tellina versicolor* (3)  
Holothuroidea sp. A (1)  
*Amphiodia pulchella* (1)  
*Ophiactis savignyi* (13)

## Station 35

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.17	Mean
4000-2000	4.8	2.25	Median
2000-4000	4.33	2.0	Mode
1000-500	7.5	1.509	Sorting
-500-250	22.78	-0.450	Skewness
250-125	39.1	0.275	Kurtosis
125-63	6.04		
63<	15.46		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	24

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Thalassia testudinum</i>
<i>Halodule wrightii</i>	

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Actinia</i> sp. A (1)	<i>Dysidea</i> sp. A (1)
Nemertinea spp. (12)	Turbellaria spp. (4)
<i>Aricidea fragilis</i> (1)	Nematoda spp. (20)
<i>Aricidea</i> sp. (2)	<i>Naineris laevigata</i> (5)
<i>Polydora socialis</i> (1)	<i>Aricidea philbinae</i> (2)
<i>Prionospio cristata</i> (3)	<i>Cirrophorus furcatus</i> (2)
<i>Prionospio heterobranchia</i> (1)	<i>Minuspio cirrifera</i> (28)
<i>Magelona</i> sp. B (1)	<i>Polydora socialis</i> (1)
<i>Caulleriella alata</i> (2)	<i>Prionospio cristata</i> (1)
cf. <i>Caulleriella killariensis</i> (4)	<i>Prionospio heterobranchia</i> (4)
<i>Cirriformia filigera</i> (1)	cf. <i>Caulleriella killariensis</i> (1)
<i>Tharyx annulosus</i> (1)	cf. <i>Cirratulus</i> sp. (2)
<i>Mediomastus ambiseta</i> (1)	cf. <i>Tharyx</i> sp. (3)
<i>Notomastus latericeus</i> (1)	<i>Leiochrides pallidior</i> (1)
<i>Scyphoproctus platyproctus</i> (1)	<i>Mediomastus ambiseta</i> (7)
<i>Armandia maculata</i> (1)	<i>Scyphoproctus platyproctus</i> (3)
Undetermined sp. D (1)	<i>Branchioasychis americana</i> (1)
<i>Podarke obscura</i> (1)	<i>Armandia maculata</i> (1)
<i>Ehlersia</i> sp. A (1)	<i>Eulalia (Eumida) sanguinea</i> (2)
<i>Exogone arenosa</i> (4)	<i>Harmothoe aculeata</i> (1)
<i>Exogone dispar</i> (1)	<i>Autolytus</i> sp. A (1)
<i>Platynereis dumerilii</i> (1)	<i>Brania</i> spp. (2)
<i>Glycera</i> sp. (1)	<i>Ehlersia</i> sp. A (1)

*Lumbrineris verrilli* (2)  
*Loimia medusa* (1)  
*Pista cristata* (1)  
*Spirorbis* sp. indet. (1)  
*Oligochaeta* spp. (2)  
*Myodocopa* spp. (1)  
*Kalliapseudes* sp. A (2)  
*Alpheus normanni* (2)  
*Hippolyte zostericola* (2)  
*Latreutes fucorum* (2)  
*Thor* sp. indet. (1)  
*Rissoina cancellata* (1)  
*Caecum pulchellum* (45)  
*Meioceras nitida* (14)  
*Crepidula maculosa* (4)  
*Marginella apicina* (1)  
*Ischnochiton papillosus* (2)  
*Nucula proxima* (1)  
*Linga pensylvanica* (1)  
*Tellina versicolor* (2)  
*Chione cancellata* (3)  
*Lytechinus variegatus* (1)  
*Amphiodia pulchella* (3)

*Exogone arenosa* (5)  
*Exogone dispar* (1)  
*Glycera abbranchiata* (2)  
*Glycinde solitaria* (1)  
*Marphysa sanguinea* (2)  
*Nematonereis unicornis* (1)  
*Lumbrineris verrilli* (1)  
*Dorvillea rubra* (2)  
*Piromis eruca* (7)  
*Myodocopa* spp. (7)  
*Leptochela savignyi* (1)  
*Carpas* cf. *stylodactylus* (2)  
*Paracerceis caudata* (1)  
*Ampelisca vadorum* (13)  
*Cymadusa compta* (30)  
*Lembos rectangulatus* (18)  
*Lembos unicornis* (21)  
*Cerapus* n. sp. (7)  
*Chevalia aviculae* (21)  
*Corophium acherusicum* (6)  
*Erichthonius brasiliensis* (51)  
*Leucothoe spinicarpa* (15)  
*Lysianassa alba* (13)  
*Foxiphalus* sp. indet. (3)  
*Alpheus normanni* (2)  
*Thor floridanus* (1)  
*Rissoina catesbyana* (21)  
*Caecum pulchellum* (181)  
*Meioceras nitida* (3)  
*Vermicularia spirata* (2)  
*Vermicularia knorrii* (1)  
*Bittium varium* (2)  
*Crepidula maculosa* (5)  
*Turbonilla* sp. F (1)  
*Anomia simplex* (3)  
*Lima pellucida* (1)  
*Parvilucina multilineata* (2)  
*Laevicardium mortoni* (1)  
*Mactra fragilis* (1)  
*Tellina versicolor* (4)  
*Holothuroidea* sp. B (1)  
*Amphiodia pulchella* (1)

## Station 36

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.161	Mean
4000-2000	0.84	2.16	Median
2000-1000	2.66	2.0	Mode
1000-500	5.76	1.089	Sorting
500-250	31.84	-0.099	Skewness
250-125	45.95	1.390	Kurtosis
125-63	5.09		
63<	7.86		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	0	5
<i>Syringodium</i>	0	0
<i>Halophila</i>	57	54

### Plant Material Found in Dredge Samples

Wet Season

Dry Season

*Halodule wrightii*  
*Halophila baillonis*

### Benthic Organisms Found in Dredge Samples

Wet Season

Dry Season

Nemertinea spp. (4)	Nemertinea spp. (4)
Nematoda spp. (6)	<i>Aricidea philbinae</i> (5)
<i>Scoloplos (Leodamus) rubra</i> (1)	<i>Cirrophorus furcatus</i> (1)
<i>Aricidea philbinae</i> (2)	<i>Minuspio cirrifera</i> (1)
<i>Cirrophorus furcatus</i> (1)	<i>Prionospio cristata</i> (1)
<i>Prionospio cristata</i> (15)	<i>Prionospio heterobranchia</i> (1)
<i>Prionospio heterobranchia</i> (3)	<i>Caulleriella alata</i> (1)
<i>Pseudopolydora</i> sp. (1)	<i>Mediomastus ambiseta</i> (5)
<i>Scolecopsis squamata</i> (1)	<i>Axiiothella mucosa</i> (1)
<i>Scolecopsis (Scolecopsis) texana</i> (3)	<i>Branchioasychis americana</i> (1)
<i>Spio pettiboneae</i> (1)	<i>Gyptis brevipalpa</i> (1)
<i>Magelona pettiboneae</i> (2)	<i>Exogone dispar</i> (1)
<i>Caulleriella alata</i> (2)	Undetermined sp. C ( <i>Eusyllinae</i> ) (3)
cf. <i>Caulleriella killariensis</i> (5)	<i>Glycinde solitaria</i> (1)
<i>Tharyx annulosus</i> (21)	<i>Lumbrineris ernesti</i> (1)
Undetermined sp. A (1)	<i>Lumbrineris latreilli</i> (4)
<i>Mediomastus ambiseta</i> (1)	<i>Lumbrineris verrilli</i> (8)
<i>Notomastus latericeus</i> (1)	<i>Galathowenia africana</i> (1)
Undetermined sp. D (1)	<i>Owenia fusiformis</i> (2)
<i>Gyptis brevipalpa</i> (6)	<i>Pista cristata</i> (1)
<i>Glycinde solitaria</i> (2)	<i>Chone americana</i> (2)



## Benthic Organisms Found in Dredge Samples

### Wet Season

*Actinia* sp. A (2)  
Nemertinea spp. (7)  
Nematoda spp. (4)  
*Aricidea philbinae* (1)  
*Prionospio cristata* (13)  
*Pseudopolydora* cf. *pulchra* (2)  
*Spio pettiboneae* (3)  
*Magelona* sp. A (1)  
cf. *Caulleriella killariensis* (1)  
*Mediomastus ambiseta* (4)  
*Notomastus latericeus* (4)  
*Axiothella mucosa* (2)  
*Phylodoce (Nereiphylla) fragilis* (1)  
*Gyptis brevipalpa* (1)  
*Ehlersia* sp. A (1)  
Undetermined sp. C (*Eusyllinae*) (1)  
*Glycinde solitaria* (1)  
*Lumbrineris verrilli* (14)  
*Owenia fusiformis* (1)  
*Terebellides stroemi* (1)  
*Chone americana* (3)  
*Oligochaeta* spp. (4)  
*Myodocopa* spp. (3)  
*Copepoda* spp. (2)  
*Cumacea* spp. (5)  
*Cymadusa compta* (1)  
*Melita nitida* (2)  
*Pinnixa* sp. A (1)  
*Brachidontes exustus* (1)  
*Linga amiantus* (2)  
*Parvilucina multilineata* (1)  
*Parvilucina blanda* (1)  
*Pseudomiltha floridana* (5)  
*Galeommatacea* sp. B (2)  
Juv. type C (5)  
Ascidiacea spp. (14)

### Dry Season

Nemertinea spp. (9)  
Nematoda spp. (2)  
*Aricidea fragilis* (1)  
*Aricidea philbinae* (2)  
*Cirrophorus furcatus* (2)  
*Paraprionospio pinnata* (1)  
*Prionospio cristata* (12)  
*Prionospio heterobranchia* (1)  
*Scolelepis (Scolelepis) texana* (2)  
*Spio pettiboneae* (6)  
*Magelona pettiboneae* (1)  
*Mediomastus ambiseta* (12)  
*Axiothella mucosa* (9)  
*Armandia maculata* (3)  
*Sphaerosyllis* spp. (9)  
*Glycera* sp. (1)  
*Lumbrineris verrilli* (11)  
*Schistomeringos rudolphi* (1)  
*Pectinaria gouldi* (1)  
*Polycirrus eximius* (2)  
*Terebellides stroemi* (2)  
*Chone americana* (1)  
*Fabricia sabella* (25)  
*Myodocopa* spp. (12)  
*Cumacea* spp. (13)  
*Paracerceis caudata* (1)  
*Lembos* sp. indet. (1)  
*Erichthonius brasiliensis* (1)  
*Listriella barnardi* (1)  
*Monoculodes nyei* (1)  
*Eudevenopus honduranus* (1)  
*Hemiproto wigleyi* (5)  
*Pseudaginella antiquae* (3)  
*Sicyonia* (post larva) (1)  
*Caridea* (larva) (2)  
? *Pontonia* (post larva) (1)  
*Alpheus normanni* (1)  
*Portunidae* sp. indet. (1)  
*Turbo castanea* (1)  
*Caecum pulchellum* (5)  
*Meioceras nitida* (11)  
*Olivella perplexa* (1)  
*Volvulella persimilis* (1)  
*Solemya occidentalis* (1)  
*Linga amiantus* (5)  
*Parvilucina multilineata* (4)  
*Pseudomiltha floridana* (1)



*Ancistrosyllis* sp. indet. (1)  
*Ehlersia* sp. A (1)  
*Exogone dispar* (5)  
*Exogone verugera* (1)  
*Sphaerosyllis* spp. (9)  
Undetermined sp. A (Exogoninae) (1)  
Undetermined sp. C (Eusyllinae) (24)  
*Nereis (Neanthes) succinea* (3)  
*Glycinde solitaria* (1)  
*Onuphis (Nothria)* sp. (1)  
*Lumbrineris latreilli* (1)  
*Lumbrineris verrilli* (26)  
*Pista cristata* (1)  
*Fabricia sabella* (2)  
*Sabella variegata* (2)  
*Oligochaeta* spp. (17)  
*Sipuncula* A (1)  
*Phascolion* cf. *caupo* (8)  
*Myodocopa* spp. (23)  
Copepoda spp. (3)  
Cumacea spp. (2)  
Paratanaidae spp. (2)  
*Apanthura magnifica* (3)  
*Grandidierella bonnieroides* (1)  
*Microdeutopus myersi* (4)  
*Cerapus* n. sp. (1)  
*Listriella barnardi* (1)  
*Periclimenes americanus* (1)  
*Megalopa* (1)  
*Caecum pulchellum* (15)  
*Meioceras nitida* (1)  
*Haminoea succinea* (2)  
*Nucula proxima* (1)  
*Linga pensylvanica* (1)  
*Parvilucina multilineata* (1)  
*Abra aequalis* (4)  
*Pitar simpsoni* (1)  
*Astichopus multifidus* (1)  
Holothuroidea sp. A (5)  
*Amphiodia pulchella* (1)  
Ascidiacea spp. (2)

*Caecum pulchellum* (1)  
*Bittium varium* (7)  
*Cephalaspidea* sp. A (1)  
*Bulla striata* (3)  
*Haminoea succinea* (2)  
*Elysia* sp. B. (10)  
*Nucula proxima* (1)  
*Solemya occidentalis* (1)  
*Linga amiantus* (1)  
*Diplodonta punctata* (1)  
*Tellina versicolor* (1)  
*Abra aequalis* (4)  
Holothuroidea sp. A (1)  
*Ophiactis savignyi* (1)  
Ascidiacea spp. (33)



## Station 39

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	3.005	Mean
4000-2000	3.22	3.24	Median
2000-1000	3.8	4.0	Mode
1000-500	4.55	1.659	Sorting
500-250	14.81	-1.005	Skewness
250-125	15.21	0.247	Kurtosis
125-63	18.07		
63<	40.33		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	12	0

### Plant Material Found in Dredge Samples

Wet Season

Dry Season

*Halophila baillonis*

### Benthic Organisms Found in Dredge Samples

Wet Season

Dry Season

*Halichondria* sp. A (1)  
Nematoda spp. (3)  
*Aricidea fragilis* (1)  
*Pseudopolydora* sp. (1)  
cf. *Caulleriella killariensis* (1)  
*Mediomastus ambiseta* (2)  
*Axiothella mucosa* (1)  
*Ehlersileanira* sp. indet. (1)  
*Sthenelais boa* (1)  
*Branchiosyllis oculata* (13)  
*Typosyllis* sp. B (1)  
*Lumbrineris verrilli* (6)  
*Owenia fusiformis* (1)  
*Terebellides stroemi* (2)  
*Branchiomma nigromaculata* (1)  
*Phascolion* cf. *caupo* (2)  
*Phascolion cryptus* (2)  
Cumacea spp. (1)  
*Caridea* post larva (3)  
*Periclimenes americanus* (1)  
*Alpheus normanni* (1)  
*Haxapanopeus caribbaeus* (1)  
*Caecum pulchellum* (2)  
*Nucula proxima* (3)

*Sthenelais boa* (1)  
*Lumbrineris verrilli* (3)  
*Pinnixa* sp. (1)  
*Caecum pulchellum* (2)  
*Turbonilla* sp. E (1)  
*Acteocina canaliculata* (1)  
*Nucula proxima* (2)  
*Parvilucina multilineata* (3)  
*Pseudomiltha floridana* (1)  
*Diplodonta punctata* (4)  
*Tagelus divisus* (1)  
*Ophionephthys limicola* (1)

*Lima pellucida* (1)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (6)  
*Tellina alternata* (1)  
*Tellina versicolor* (2)  
*Abra aequalis* (1)  
*Tagelus divisus* (1)  
*Ophiactis savignyi* (32)

## Station 40

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.14	Mean
4000-2000	3.02	2.2	Median
2000-1000	4.54	2.0	Mode
1000-500	7.4	1.388	Sorting
500-250	27.69	-0.326	Skewness
250-125	37.7	0.441	Kurtosis
125-63	7.12		
63<	12.53		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	2	0
<i>Halophila</i>	52	0

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Halophila baillonis</i>	<i>Halophila baillonis</i>
<i>Halodule wrightii</i>	

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Turbellaria spp. (2)	Nematoda spp. (1)
Nemertinea spp. (6)	<i>Aricidea philbinae</i> (5)
Nematoda spp. (7)	<i>Cirrophorus furcatus</i> (2)
<i>Aricidea philbinae</i> (5)	<i>Prionospio cristata</i> (1)
<i>Aricidea</i> sp. (2)	<i>Prionospio heterobranchia</i> (9)
<i>Prionospio cristata</i> (7)	<i>Caulleriella alata</i> (1)
<i>Prionospio heterobranchia</i> (3)	cf. <i>Cirratulus</i> sp. (1)
<i>Pseudopolydora</i> sp. (1)	<i>Tharyx annulosus</i> (2)
<i>Scolecopsis (Scolecopsis) texana</i> (1)	<i>Mediomastus ambiseta</i> (3)
<i>Magelona pettiboneae</i> (2)	<i>Notomastus latericeus</i> (1)
<i>Caulleriella alata</i> (2)	<i>Armandia maculata</i> (1)
cf. <i>Caulleriella killariensis</i> (6)	cf. <i>Campesyllis minor</i> (1)

*Tharyx annulosus* (11)  
*Mediomastus ambiseta* (10)  
*Podarke obscura* (2)  
*Exogone arenosa* (2)  
*Exogone dispar* (2)  
*Exogone verugera* (1)  
*Sphaerosyllis* spp. (2)  
*Nereis (Neanthes) succinea* (1)  
*Lumbrineris verrilli* (27)  
*Sabella variegata* (1)  
*Oligochaeta* spp. (4)  
*Caecum pulchellum* (59)  
*Meioceras nitida* (3)  
*Olivella perplexa* (3)  
*Conus jaspideus* (1)  
*Acteon punctostriatus* (1)  
*Acteocina canaliculata* (3)  
*Haminoea succinea* (3)  
*Nucula proxima* (2)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (1)  
*Galeommatacea* sp. A (2)  
*Laevicardium mortoni* (1)  
*Tellina versicolor* (5)  
*Pitar simpsoni* (1)  
*Leptosynapta parvipatina* (1)  
 Juv. type C (2)

*Exogone arenosa* (1)  
*Exogone dispar* (2)  
*Sphaerosyllis* spp. (1)  
*Glycera* sp. (2)  
*Lumbrineris latreilli* (1)  
*Lumbrineris verrilli* (7)  
*Galathowenia africana* (1)  
*Piromis eruca* (3)  
*Pectinaria gouldi* (1)  
*Pista cristata* (1)  
*Thelepus setosus* (1)  
*Terebellides stroemi* (5)  
*Chone americana* (4)  
*Fabricia sabella* (2)  
*Pseudobranchiomma emersoni* (2)  
*Myodocopa* spp. (8)  
*Cumacea* spp. (1)  
*Ampelisca abdita* (1)  
*Grandidierella bonnieroides* (2)  
*Lembos brunneomaculatus* (2)  
*Erichthonius brasiliensis* (2)  
*Caprella equilibra* (1)  
*Hemiproto wigleyi* (3)  
*Caecum pulchellum* (26)  
*Meioceras nitida* (1)  
*Anachis hotessieriana* (1)  
*Conus jaspideus* (1)  
*Solemya occidentalis* (6)  
*Tellina versicolor* (1)  
*Chione cancellata* (1)  
*Leptosynapta parvipatina* (2)  
*Amphiodia pulchella* (1)

## Station 41

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	0.74
2000-1000	1.26
1000-500	3.77
500-250	16.84
250-125	57.09
125-63	7.98
63<	12.33

Texture Analysis (grain size -phi)	
2.515	Mean
2.47	Median
2.5	Mode
1.065	Sorting
-0.229	Skewness
1.700	Kurtosis

### Seagrass Blade Count

*Syringodium*

### Wet Season

25

### Dry Season

36

## Plant Material Found in Dredge Samples

### Wet Season

*Syringodium filiforme*  
*Amphiroa* sp. (?)  
*Acanthophora spicifera*  
*Gracilaria* sp.

### Dry Season

*Syringodium filiforme*

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Turbellaria* spp. (1)  
*Nemertinea* spp. (6)  
*Nematoda* spp. (2)  
*Scoloplos (Leodamus) rubra* (1)  
*Aricidea fragilis* (1)  
*Aricidea philbinae* (2)  
*Cirrophorus furcatus* (5)  
*Prionospio cristata* (2)  
*Prionospio heterobranchia* (4)  
*Caulleriella alata* (3)  
cf. *Caulleriella killariensis* (4)  
*Tharyx annulosus* (3)  
cf. *Tharyx* sp. (3)  
Undetermined sp. B (1)  
*Mediomastus ambiseta* (4)  
*Notomastus latericeus* (3)  
*Pulliella* sp. (1)  
*Scyphoproctus platyproctus* (2)  
*Lepidonotus variabilis* (1)  
*Podarke obscura* (1)  
*Ehlersia* sp. A (3)  
*Sphaerosyllis* spp. (1)  
cf. *Streptosyllis* sp. (1)  
*Typosyllis alternata* (2)  
*Nereis (Neanthes) succinea* (1)  
*Schistomeringos* cf. *pectinata* (3)  
*Sabellaria vulgaris* (2)  
*Polycirrus eximius* (2)  
*Oligochaeta* spp. (10)  
*Sipuncula* sp. B (2)  
*Cumacea* spp. (1)  
*Paratanaidae* spp. (2)  
*Carpis stylodactylus* (1)  
*Paracerceis caudata* (2)  
*Lembos unifasciatus* (10)  
*Periclimenes americanus* (3)  
*Thor floridanus* (1)  
*Caecum pulchellum* (22)  
*Meioceras nitida* (33)  
*Hyalina veliei* (1)  
*Modiolus modiolus squamosus* (1)

### Dry Season

*Nemertinea* spp. (6)  
*Scoloplos (Leodamus) rubra* (1)  
*Aricidea philbinae* (1)  
*Prionospio cristata* (1)  
*Cirriiformia* sp. B (1)  
*Tharyx annulosus* (2)  
*Mediomastus ambiseta* (1)  
*Scyphoproctus platyproctus* (1)  
*Phylodoce (Nereiphylla) fragilis* (1)  
Undetermined sp. D (1)  
*Typosyllis* sp. L (1)  
*Platynereis dumerilii* (1)  
*Diopatra cuprea* (1)  
*Lumbrineris latreilli* (2)  
*Polycirrus eximius* (2)  
*Phascolion caupo* (1)  
*Leptochela savignyi* (2)  
*Grandidierella bonnieroides* (1)  
*Lembos unicornis* (3)  
*Dulichella appendiculata* (1)  
*Leucothoides pottsii* (1)  
*Eusirus crassi* (2)  
*Periclimenes americanus* (2)  
*Alpheus normanni* (1)  
*Libinia erinacea* (1)  
*Amphioplus abdita* (1)

*Pseudomiltha floridana*(1)  
*Tellina versicolor* (3)  
*Abra aequalis* (1)  
*Astichopus multifidus* (1)  
*Ophiactis savignyi* (1)  
 Juv. type C (1)

**Station 42**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0.78	1.941	Mean
4000-2000	3.05	1.88	Median
2000-1000	4.23	2.0	Mode
1000-500	9.53	1.426	Sorting
500-250	37.69	-0.261	Skewness
250-125	25.51	0.603	Kurtosis
125-63	8.81		
63<	10.4		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	16	12

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Halophila baillonis</i>	<i>Laurencia poitei</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
<i>Nemertinea</i> spp. (4)	<i>Prionospio cristata</i> (3)
<i>Aricidea philbinae</i> (1)	cf. <i>Tharyx</i> sp. (1)
<i>Cirrophorus furcatus</i> (1)	<i>Exogone dispar</i> (1)
<i>Prionospio heterobranchia</i> (9)	<i>Nereis (Neanthes) succinea</i> (1)
<i>Caulleriella alata</i> (1)	<i>Lumbrineris latreilli</i> (1)
cf. <i>Caulleriella killariensis</i> (9)	<i>Lumbrineris verrilli</i> (5)
<i>Tharyx annulosus</i> (2)	<i>Pectinaria gouldi</i> (1)
<i>Mediomastus ambiseta</i> (1)	<i>Chone americana</i> (2)
<i>Sthenelais boa</i> (3)	<i>Phascolion caupo</i> (2)
<i>Podarke obscura</i> (1)	<i>Paracerceis caudata</i> (1)
<i>Ehlersia</i> sp. A (1)	<i>Lembos</i> sp. indet. (1)
<i>Sphaerosyllis</i> spp. (1)	<i>Batea catharinensis</i> (1)
<i>Glycera tessellata</i> (1)	<i>Rhepoxynius</i> sp. indet. (1)
<i>Lumbrineris verrilli</i> (8)	<i>Periclimenes americanus</i> (2)

*Piromis eruca* (2)  
*Branchiomma nigromaculata* (1)  
*Oligochaeta* spp. (2)  
*Phascolion cryptus* (1)  
*Myodocopa* spp. (4)  
*Alpheus normanni* (2)  
*Xanthidae* sp. indet. (1)  
*Caecum pulchellum* (17)  
*Meioceras nitida* (8)  
*Parvilucina multilineata* (1)  
*Tellina versicolor* (1)  
*Amphioplus abdita* (3)

*Xanthidae* sp. indet. (1)  
*Eucratopsis crassimanus* (1)  
*Caecum pulchellum* (66)  
*Meioceras nitida* (1)  
*Nucula proxima* (1)  
*Argopecten* sp. (juv.) (1)  
*Parvilucina multilineata* (1)  
*Mactra fragilis* (1)  
*Tellina versicolor* (2)  
*Tagelus divisus* (1)  
*Cooperella atlantica* (1)  
*Lyonsia hyalina floridana* (1)  
*Amphiodia pulchella* (1)

### Station 43

#### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	2.36	1.99	Mean
4000-2000	7.35	2.19	Median
2000-1000	10.99	2.0	Mode
1000-500	11.07	2.058	Sorting
500-250	15.68	-0.359	Skewness
250-125	16.06	-0.926	Kurtosis
125-63	12.02		
63<	24.47		

#### Seagrass Blade Count

#### Wet Season

#### Dry Season

No seagrass

#### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

No Plant Material in Samples

#### Benthic Organisms Found in Dredge Samples

#### Wet Season

#### Dry Season

*Nemertinea* spp. (5)  
*Nematoda* spp. (2)  
*Prionospio cristata* (2)  
*Prionospio heterobranchia* (1)  
 cf. *Caulleriella killariensis* (6)  
*Sthenelais boa* (1)  
*Podarke obscura* (1)  
*Ehlersia* sp. A (1)  
*Sphaerosyllis* spp. (1)

*Aricidea fragilis* (1)  
 cf. *Tharyx* sp. (2)  
 Undetermined sp. A (1)  
*Sthenelais boa* (1)  
*Sphaerosyllis* spp. (1)  
*Lumbrineris verrilli* (5)  
*Schistomeringos* cf. *pectinata* (3)  
*Pista cristata* (1)  
*Terebellides stroemi* (3)

*Lumbrineris cf. albidentata* (1)  
*Lumbrineris verrilli* (25)  
*Schistomeringos rudolphi* (1)  
*Owenia fusiformis* (1)  
*Chone americana* (3)  
*Oligochaeta* spp. (1)  
*Phascolion cf. caupo* (2)  
*Phascolion cryptus* (1)  
*Lembos unicornis* (1)  
*Elasmopus laevis* (1)  
*Caecum pulchellum* (496)  
*Meioceras nitida* (1)  
*Vermicularia knorrii* (1)  
*Bittium varium* (2)  
*Strombiformis hemphilli*(1)  
*Nassarius vibex* (1)  
*Haminoea antillarum* (1)  
*Nucula proxima* (3)  
*Chione cancellata* (1)  
*Cyclinella tenuis* (1)  
*Astichopus multifidus* (1)

*Myodocopa* spp. (2)  
*Cumacea* spp. (3)  
*Apanthura magnifica* (1)  
*Ampelisca vadorum* (1)  
*Lembos* sp. indet. (1)  
*Caridea* (larva) (1)  
*Parvilucina multilineata* (2)  
*Amphioplus abdita* (1)

#### Station 44

#### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	1
2000-1000	4.34
1000-500	15.83
500-250	48.23
250-125	27.91
125-63	1.61
63<	1.09

Texture Analysis (grain size -phi)	
1.569	Mean
1.6	Median
1.5	Mode
0.931	Sorting
-0.320	Skewness
1.368	Kurtosis

#### Seagrass Blade Count

#### Wet Season

#### Dry Season

*Halophila*

0

7

#### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Dictyota indica*  
*Acanthophora spicifera*  
*Amphiroa* sp.

*Caulerpa vickersiae*  
*Acanthophora spicifera*

## Benthic Organisms Found in Dredge Samples

### Wet Season

Nemertinea spp. (7)  
 Nematoda spp. (8)  
*Scoloplos (Leodamus) rubra* (2)  
*Aricidea* sp. (2)  
*Prionospio cristata* (11)  
*Prionospio heterobranchia* (17)  
*Pseudopolydora* sp. (2)  
*Scolecopsis (Scolecopsis) texana* (1)  
*Caulleriella alata* (12)  
 cf. *Caulleriella killariensis* (1)  
 cf. *Tharyx* sp. (1)  
*Capitellides giardi* (1)  
*Mediomastus ambiseta* (2)  
*Notomastus latericeus* (2)  
*Scyphoproctus platyproctus* (1)  
*Brania* spp. (2)  
*Ehlersia* sp. A (31)  
*Exogone arenosa* (40)  
*Exogone dispar* (1)  
 cf. *Plakosyllis quadrioculata* (1)  
*Sphaerosyllis* spp. (1)  
*Typosyllis alternata* (16)  
*Typosyllis* sp. A (1)  
*Platynereis dumerilii* (1)  
*Pseudeurythoe ambigua* (5)  
*Nematonereis unicornis* (7)  
*Lumbrineris impatiens* (1)  
*Branchiomma nigromaculata* (1)  
*Megalomma* sp. (1)  
*Oligochaeta* spp. (4)  
*Phascolion* cf. *caupo* (8)  
*Myodocopa* spp. (7)  
*Copepoda* spp. (1)  
*Kalliapseudes* sp. A (24)  
*Paratanaidae* spp. (1)  
*Apanthura magnifica* (5)  
*Periclimenes americanus* (1)  
*Callinectes* spp. juvs.) (1)  
*Mitrella lunata* (2)  
*Olivella floralia* (2)  
*Olivella perplexa* (4)  
*Granulina ovuliformis* (1)  
*Acteocina canaliculata* (2)  
*Bulla striata* (3)  
*Haminoea succinea* (8)  
*Brachidontes exustus* (1)  
*Laevicardium mortoni* (4)  
*Tellina versicolor* (3)  
*Chione cancellata* (1)  
*Lyonsia beana* (1)

### Dry Season

Nemertinea spp. (11)  
 Nematoda spp. (2)  
*Polydora ligni* (1)  
*Prionospio cristata* (3)  
*Prionospio heterobranchia* (3)  
*Pseudopolydora* cf. *pulchra* (2)  
*Caulleriella alata* (3)  
*Mediomastus ambiseta* (2)  
 near *Pseudoleiocardia* sp. (9)  
*Scyphoproctus platyproctus* (25)  
*Armandia maculata* (1)  
*Phyllodoce (Anaitides) arenae* (1)  
*Brania* spp. (9)  
*Ehlersia* sp. A (16)  
*Exogone arenosa* (63)  
*Sphaerosyllis* spp. (1)  
*Typosyllis alternata* (9)  
*Typosyllis* sp. A (1)  
*Typosyllis* sp. D (6)  
*Glycera tessellata* (1)  
*Spiochaetopterus ambigua* (2)  
*Diopatra cuprea* (1)  
*Nematonereis unicornis* (14)  
*Lumbrineris latreilli* (1)  
*Lumbrineris verrilli* (1)  
*Sabellaria vulgaris* (1)  
*Fabricia sabella* (4)  
*Megalomma* n. sp. (5)  
*Sabella variegata* (3)  
*Sipuncula* sp. B (19)  
*Phascolion caupo* (1)  
*Myodocopa* spp. (71)  
*Copepoda* spp. (3)  
*Mysidopsis furca* (2)  
*Cumacea* spp. (35)  
*Palliapseudes* sp. A (247)  
*Leptochela savignyi* (1)  
*Carpas* cf. *stylodactylus* (4)  
*Apanthura magnifica* (3)  
*Ampelisca abdita* (2)  
*Amphilocheus neopolitanus* (2)  
*Cerapus* n. sp. (1)  
*Erichthonius brasiliensis* (4)  
*Leucothoides pottsii* (2)  
*Listriella barnardi* (5)  
*Monoculodes nyei* (2)  
*Acuminodeutopus naglei* (60)  
*Synchelidium americanum* (1)  
*Rhepoxynius* sp. indet. (1)  
*Caecum pulchellum* (624)



Holothuroidea sp. A (2)  
 Juv. type C (2)

*Eulima* sp. B (1)  
*Tellina martinicensis* (1)  
*Amphiodia pulchella* (1)  
 Juvenile (indet.) (1)  
*Ascidiacea* spp. (2)

**Station 45**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	2.05	2.124	Mean
4000-2000	1.75	2.11	Median
2000-1000	3.25	2.0	Mode
1000-500	10.09	1.528	Sorting
500-250	28.95	-0.504	Skewness
250-125	29.82	0.774	Kurtosis
125-63	9.65		
63<	14.44		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	42	2
<i>Syringodium</i>	12	21

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>
<i>Halophila baillonis</i>	

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (2)	Nemertinea spp. (7)
Nematoda spp. (21)	Nematoda spp. (3)
<i>Naineris setosa</i> (1)	cf. <i>Naineris</i> sp. (1)
<i>Scoloplos (Leodamus) rubra</i> (1)	<i>Aricidea</i> sp. (3)
<i>Aricidea</i> sp. (3)	<i>Minuspio cirrifera</i> (15)
<i>Minuspio cirrifera</i> (1)	<i>Prionospio cristata</i> (3)
<i>Prionospio cristata</i> (14)	<i>Prionospio heterobranchia</i> (6)
<i>Prionospio heterobranchia</i> (8)	<i>Poecilochaetus johnsoni</i> (1)
<i>Scolecopsis (Scolecopsis) texana</i> (1)	cf. <i>Caulleriella killariensis</i> (3)
cf. <i>Caulleriella killariensis</i> (8)	<i>Cirriformia</i> sp. B (1)
cf. <i>Cirriformia</i> sp. (1)	<i>Tharyx annulosus</i> (6)
<i>Tharyx annulosus</i> (1)	cf. <i>Tharyx</i> sp. (1)
<i>Mediomastus ambiseta</i> (4)	<i>Mediomastus ambiseta</i> (8)
Undetermined sp. D (1)	<i>Lepidonotus variabilis</i> (1)

*Ehlersia* sp. A (2)  
*Exogone arenosa* (3)  
*Sphaerosyllis* spp. (6)  
*Glycinde solitaria* (1)  
*Lumbrineris verrilli* (2)  
*Schistomeringos rudolphi* (1)  
*Owenia fusiformis* (1)  
*Branchiomma nigromaculata* (3)  
*Fabricia sabella* (1)  
*Pseudobranchiomma emersoni* (2)  
*Sabella variegata* (1)  
*Oligochaeta* spp. (15)  
*Tanais* sp. A (1)  
*Paratanaidae* spp. (6)  
*Carpas stylodactylus* (1)  
*Paracerceis caudata* (1)  
*Amphilocheus neopolitanus* (1)  
*Grandidierella bonnieroides* (1)  
*Lembos unicornis* (1)  
*Batea catharinensis* (1)  
*Leucothoe spinicarpa* (5)  
*Caecum pulchellum* (39)  
*Meioceras nitida* (1)  
*Crepidula maculosa* (1)  
*Olivella perplexa* (1)  
*Marginella aureocincta* (1)  
*Haminoea succinea* (1)  
*Pinctada imbricata* (1)  
*Parvilucina multilineata* (1)  
Holothuroidea sp. A (3)  
*Amphiodia pulchella* (2)

Undetermined sp. D (2)  
*Bhawania goodei* (1)  
*Gyptis brevipalpa* (1)  
*Podarke obscura* (4)  
*Ehlersia* sp. A (3)  
*Exogone arenosa* (5)  
*Exogone dispar* (1)  
*Odontosyllis* sp. (2)  
*Sphaerosyllis* spp. (4)  
*Glycera abbranchiata* (2)  
*Glycinde solitaria* (1)  
*Lumbrineris verrilli* (4)  
*Schistomeringos* cf. *pectinata* (2)  
*Schistomeringos rudolphi* (2)  
*Owenia fusiformis* (1)  
*Sipuncula* sp. A (1)  
*Sipuncula* sp. B (1)  
*Myodocopa* spp. (1)  
*Kalliapeeudes* sp. A (2)  
*Leptochela savignyi* (1)  
*Paracerceis caudata* (7)  
*Apanthura magnifica* (1)  
*Erichsonella filiformis isabel.* (2)  
*Ampelisca abdita* (1)  
*Listriella barnardi* (1)  
*Lysianassa alba* (3)  
*Metopa* sp. indet. (5)  
*Caecum pulchellum* (4)  
*Eupleura sulcidentata* (1)  
*Nassarius albus* (2)  
*Olivella perplexa* (1)  
*Hyalina veliei* (2)  
*Cephalaspidea* sp. A (1)  
*Modiolus modiolus squamosus* (2)  
*Anomia simplex* (1)  
*Tellina versicolor* (2)  
*Macoma brevifrons* (2)  
*Tagelus divisus* (1)  
*Corbula* sp. A (3)  
*Amphipholis januarii* (1)  
*Amphioplus abdita* (2)  
*Amphiodia pulchella* (10)  
Ascidacea spp. (1)

## Station 46

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.507	Mean'
4000-2000	0.13	2.4	Median
2000-1000	0.5	2.5	Mode
1000-500	4.86	1.097	Sorting
500-250	25.63	0.295	Skewness
250-125	45.6	0.022	Kurtosis
125-63	8.53		
63<	14.75		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	8	6

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Halophila baillonis</i> <i>Halodule wrightii</i>	

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Actinia</i> sp. A (1) Nematoda spp. (8) <i>Scoloplos (Leodamus) rubra</i> (2) <i>Aricidea philbinae</i> (7) <i>Aricidea</i> sp. (1) <i>Polydora</i> sp. indet. (1) <i>Prionospio heterobranchia</i> (6) <i>Scolecopsis (Scolecopsis) texana</i> (1) <i>Streblospio benedicti</i> (3) <i>Tharyx annulosus</i> (11) cf. <i>Tharyx</i> sp. (2) <i>Mediomastus ambiseta</i> (3) <i>Podarke obscura</i> (4) <i>Brania</i> spp. (1) <i>Ehlersia</i> sp. A (1) <i>Ceratonereis irritabilis</i> (2) <i>Glycinde solitaria</i> (2) <i>Lumbrineris verrilli</i> (25) <i>Schistomeringos rudolphi</i> (6) <i>Melinna maculata</i> (1) <i>Terebellides stroemi</i> (1) <i>Oligochaeta</i> spp. (37) <i>Phascolion cryptus</i> (1)	<i>Aricidea philbinae</i> (2) <i>Prionospio cristata</i> (1) <i>Scolecopsis (Scolecopsis) texana</i> (1) <i>Spiochaetopterus costarum ocul.</i> (1) <i>Mediomastus ambiseta</i> (1) <i>Sthenelais boa</i> (1) <i>Typosyllis</i> sp. B (4) <i>Glycera</i> sp. (1) <i>Glycinde solitaria</i> (1) <i>Lumbrineris verrilli</i> (12) <i>Myodocopa</i> spp. (26) <i>Mysidopsis furca</i> (2) <i>Cumacea</i> spp. (5) <i>Kalliapseudes</i> sp. A (1) <i>Carpis</i> cf. <i>stylodactylus</i> (1) <i>Acteocina canaliculata</i> (2) <i>Pseudomiltha floridana</i> (2) <i>Tellina versicolor</i> (5) <i>Tagelus divisus</i> (1) <i>Chione cancellata</i> (1)

*Myodocopa* spp. (1)  
*Copepoda* spp. (1)  
*Cumacea* spp. (2)  
*Apanthura magnifica* (1)  
*Ampelisca vadorum* (1)  
*Ampithoe longimana* (1)  
*Caecum pulchellum* (14)  
*Meioceras nitida* (10)  
*Olivella perplexa* (3)  
*Acteocina canaliculata* (6)  
*Bulla striata* (1)  
*Haminoea antillarum* (14)  
*Laevicardium mortoni* (1)  
*Macoma constricta* (2)  
*Macoma tenta* (1)  
*Tagelus divisus* (3)  
*Ophiocnida scabriuscula* (1)

## Station 47

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	1.327	Mean
4000-2000	34.2	1.08	Median
2000-1000	9.07	1.5	Mode
1000-500	5.65	2.547	Sorting
500-250	6.41	0.101	Skewness
250-125	8.89	-1.723	Kurtosis
125-63	7.11		
63<	28.67		

### Seagrass Blade Count

	Wet Season	Dry Season
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No seagrass

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
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*Halimeda opuntia*

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
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<i>Actinia</i> sp. A (2)	<i>Haliclona</i> cf. <i>molitba</i> (15)
Turbellaria spp. (4)	Turbellaria spp. (5)
Nemertinea spp. (27)	Nemertinea spp. (2)
Nematoda spp. (4)	<i>Laonice cirrata</i> (1)
<i>Haploscoloplos</i> sp. indet. (1)	<i>Minuspio cirrifera</i> (5)

*Naineris setosa* (10)  
*Minuspio cirrifera* (3)  
*Prionospio heterobranchia* (15)  
*Caulleriella alata* (3)  
 cf. *Cirratulus* sp. (2)  
*Cirriformia filigera* (1)  
 cf. *Cirriformia* sp. (9)  
*Tharyx annulosus* (1)  
*Macrochaeta* sp. (19)  
*Mediomastus ambiseta* (1)  
*Scyphoproctus platyproctus* (2)  
*Exogone dispar* (1)  
*Exogone verugera* (4)  
*Typosyllis* sp. B (33)  
*Typosyllis* sp. C (3)  
*Typosyllis* sp. F (7)  
*Ceratocephale* sp. (1)  
*Eunice afra* (1)  
*Piromis eruca* (1)  
*Polycirrus carolinensis* (1)  
*Streblosoma hartmanae* (1)  
*Thelepus setosus* (4)  
*Terebellides stroemi* (13)  
*Fabricia sabella* (1)  
*Oligochaeta* spp. (5)  
*Podocopa* spp. (11)  
*Copepoda* spp. (6)  
*Paratanaidae* spp. (1)  
*Carpas stylodactylus* (38)  
*Paracerceis caudata* (13)  
*Cymadusa compta* (2)  
*Anamixis hanseni* (2)  
*Lembos dentischium* (1)  
*Dulichella appendiculata* (14)  
*Elasmopus laevis* (1)  
*Leucothoides pottsi* (12)  
*Leucothoe spinicarpa* (6)  
*Lysianassa alba* (17)  
*Heterophlias seclusus* (2)  
*Thor floridanus* (37)  
*Neopanope packardii* (2)  
 Insect larva (1)  
*Diodora cayenensis* (2)  
*Caecum pulchellum* (26)  
*Meioceras nitida* (8)  
*Columbella rusticoidea* (1)  
*Cylindrobulla beauui* (3)  
*Arcopsis adamsi* (1)  
*Axiognathus squamatus* (1)  
*Chaetognatha* sp. (1)  
*Ascidacea* spp. (1)

*Prionospio heterobranchia* (7)  
 cf. *Caulleriella killariensis* (1)  
*Cirriformia* sp. B (7)  
 cf. *Tharyx* sp. (3)  
*Macrochaeta* sp. (46)  
*Mediomastus ambiseta* (7)  
*Gyptis brevipalpa* (1)  
*Podarke obscura* (1)  
*Typosyllis* sp. F (1)  
*Platynereis dumerilii* (1)  
*Schistomeringos rudolphi* (9)  
*Polycirrus carolinensis* (6)  
*Thelepus setosus* (2)  
*Terebellides stroemi* (10)  
*Carpas* cf. *stylodactylus* (153)  
*Paracerceis caudata* (45)  
*Ampithoe* sp. indet. (18)  
*Anamixis hanseni* (2)  
*Lembos dentischium* (7)  
*Lembos unicornis* (15)  
*Dulichella appendiculata* (68)  
*Elasmopus laevis* (1)  
*Leucothoides pottsi* (4)  
*Leucothoe spinicarpa* (6)  
*Lysianassa alba* (24)  
*Thor floridanus* (60)  
*Turbo castanea* (2)  
*Caecum pulchellum* (6)  
*Meioceras nitida* (2)  
*Vermicularia spirata* (3)  
*Modulus modulus* (1)  
*Bittium varium* (1)  
*Fasciolaria tulipa* (1)  
*Thala foveata* (1)  
*Arcopsis adamsi* (3)  
*Axiognathus squamatus* (2)  
*Ophiactis savignyi* (2)

**Station 48**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.25	Mean
4000-2000	2.27	2.02	Median
2600-1000	2.34	1.5	Mode
1000-500	14.27	1.522	Sorting
500-250	30.49	-0.024	Skewness
250-125	20.69	-0.556	Kurtosis
125-63	9.74		
63<	20.20		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	14	9
<i>Syringodium</i>	23	44

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Thalassia testudinum</i>	<i>Syringodium filiforme</i>
<i>Syringodium filiforme</i>	<i>Laurencia poitei</i>
<i>Dictyota indica</i>	cf. <i>Caulerpa fastigiata</i>
<i>Laurencia poitei</i>	

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Turbellaria spp. (1)	Nemertinea spp. (3)
Nemertinea spp. (3)	<i>Aricidea philbinae</i> (1)
Nematoda spp. (9)	<i>Minuspio cirrifera</i> (7)
<i>Naineris setosa</i> (3)	<i>Prionospio cristata</i> (2)
<i>Aricidea philbinae</i> (22)	<i>Prionospio heterobranchia</i> (7)
<i>Minuspio cirrifera</i> (14)	<i>Cirriformia</i> sp. B (1)
<i>Polydora ligni</i> (2)	<i>Tharyx annulosus</i> (1)
<i>Prionospio heterobranchia</i> (44)	<i>Mediomastus ambiseta</i> (3)
<i>Caulleriella alata</i> (16)	<i>Notomastus hemipodus</i> (1)
cf. <i>Caulleriella killariensis</i> (1)	<i>Scyphoproctus platyproctus</i> (5)
<i>Cirriformia filigera</i> (1)	<i>Gyptis brevipalpa</i> (2)
<i>Tharyx annulosus</i> (6)	<i>Brania</i> spp. (1)
<i>Scyphoproctus platyproctus</i> (1)	<i>Ehlersia</i> sp. A (8)
<i>Podarke obscura</i> (4)	<i>Sphaerosyllis</i> spp. (1)
<i>Brania</i> spp. (2)	<i>Nereis (Neanthes) succinea</i> (3)
<i>Ehlersia</i> sp. A (5)	<i>Marphysa sanguinea</i> (1)
<i>Exogone verugera</i> (3)	<i>Schistomeringos rudolphi</i> (1)
<i>Typosyllis</i> sp. C (1)	<i>Thelepus setosus</i> (1)
<i>Dorvillea rubra</i> (8)	<i>Pseudobranchiomma emersoni</i> (1)
<i>Schistomeringos rudolphi</i> (1)	<i>Phascolion cryptus</i> (2)

*Branchiomma nigromaculata* (6)  
*Oligochaeta* spp. (33)  
*Phascolion cryptus* (2)  
*Copepoda* spp. (4)  
*Cumacea* spp. (1)  
*Tanais* sp. A (6)  
*Paratanaidae* spp. (13)  
*Carpas stylodactylus* (1)  
*Paracerceis caudata* (3)  
*Cymadusa compta* (1)  
*Lembos rectangularis* (11)  
*Lysianassa alba* (2)  
*Hippolyte zostericola* (2)  
*Thor floridanus* (4)  
*Pagurus* n. sp. A (1)  
*Rissoina catesbyana* (2)  
*Caecum pulchellum* (15)  
*Meioceras nitida* (29)  
*Marginella apicina* (1)  
*Marginella lavalleana* (1)  
*Marginella aureocincta* (1)  
*Turbonilla* sp. C (1)  
*Elysia* sp. A (3)  
*Ischnochiton papillosus* (3)  
*Brachidontes exustus* (1)  
*Modiolus modiolus squamosus* (1)  
*Diplodonta punctata* (1)  
*Tellina versicolor* (1)  
*Amphiodia pulchella* (1)  
*Ascidacea* spp. (2)

*Carpas* cf. *stylodactylus* (2)  
*Paracerceis caudata* (1)  
*Amphilocheus casahoya* (1)  
*Lembos unicornis* (2)  
*Listriella barnardi* (1)  
*Lysianassa alba* (4)  
*Eusirus crassi* (13)  
*Hippolyte zostericola* (4)  
*Thor floridanus* (2)  
*Meioceras nitida* (2)  
*Nassarius albus* (1)  
*Modiolus modiolus squamosus* (2)  
*Chione cancellata* (1)  
*Amphioplus abdita* (1)

## Station 49

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	15.63
2000-1000	6.92
1000-500	5.91
500-250	9.31
250-125	17.25
125-63	10.93
63<	34.05

Texture Analysis (grain size -phi)	
2.242	Mean
2.71	Median
2.5	Mode
2.216	Sorting
-0.558	Skewness
-1.118	Kurtosis

### Seagrass Blade Count

### Wet Season

### Dry Season

*Syringodium*

28

19

## Plant Material Found in Dredge Samples

### Wet Season

*Syringodium filiforme*  
*Laurencia poitei*  
cf. *Cladophoropsis membranacea*

### Dry Season

*Syringodium filiforme*  
*Laurencia poitei*

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Turbellaria* spp. (1)  
*Nemertinea* spp. (1)  
*Nematoda* spp. (4)  
*Scoloplos (Leodamus) rubra* (1)  
*Cirrophorus furcatus* (6)  
*Polydora ligni* (4)  
*Tharyx annulosus* (8)  
*Capitella capitata* (1)  
*Capitellides jonesi* (1)  
*Podarke obscura* (2)  
*Exogone dispar* (1)  
*Exogone verugera* (1)  
*Platynereis dumerilii* (1)  
*Glycinde solitaria* (1)  
*Schistomeringos rudolphi* (1)  
*Thelepus setosus* (1)  
*Sabella variegata* (24)  
*Oligochaeta* spp. (39)  
*Tanais* sp. A (4)  
*Paratanaidae* spp. (6)  
*Cymadusa filosa* (29)  
*Batea catharinensis* (4)  
*Dulichella appendiculata* (1)  
*Hippolyte zostericola* (1)  
*Mycnoganida* spp. (1)  
*Caecum pulchellum* (3)  
*Meioceras nitida* (3)  
*Marginella lavalleana* (1)  
*Marginella aureocincta* (1)  
*Odostomia* sp. A (1)  
*Carditamera floridana* (1)  
*Macoma* sp. A (1)  
Juv. type sp. B (2)

### Dry Season

*Nemertinea* spp. (3)  
*Nematoda* spp. (1)  
*Cirrophorus furcatus* (1)  
*Prionospio heterobranchia* (1)  
*Tharyx annulosus* (1)  
*Sphaerosyllis* spp. (1)  
*Lumbrineris verrilli* (1)  
*Sabella variegata* (6)  
*Phascolion cryptus* (1)  
*Cymadusa compta* (1)  
*Lembos* sp. indet. (2)  
*Batea catharinensis* (2)  
*Caecum pulchellum* (2)  
*Ophiactis savignyi* (1)



## Station 50

### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	3.233	Mean
4000-2000	1.73	3.6	Median
2000-1000	2.77	2.5	Mode
1000-500	3.31	1.450	Sorting
500-250	7.67	-1.208	Skewness
250-125	24.49	1.221	Kurtosis
125-63	17.26		
63<	42.78		

### Seagrass Blade Count

#### Wet Season

#### Dry Season

No seagrass

### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Halodule wrightii*

### Benthic Organisms Found in Dredge Samples

#### Wet Season

#### Dry Season

Nemertinea spp. (2)  
Nematoda spp. (8)  
*Scoloplos (Leodamus) rubra* (1)  
*Cossura* sp. (2)  
*Prionospio fallax* (3)  
*Poecilochaetus johnsoni* (1)  
*Spiochaetopterus costarum ocul.* (1)  
cf. *Tharyx* sp. (2)  
*Mediomastus ambiseta* (1)  
*Eulalia (Eumida) sanguinea* (1)  
*Ehlersileanira* sp. indet. (2)  
*Podarke obscura* (2)  
*Ehlersia* sp. A (1)  
*Nereis (Neanthes) succinea* (1)  
*Glycinde solitaria* (1)  
*Lumbrineris verrilli* (7)  
*Dorvillea rubra* (1)  
*Schistomeringos rudolphi* (20)  
*Sabella variegata* (5)  
*Oligochaeta* spp. (15)  
*Myodocopa* spp. (8)  
*Balanus eburneus* (1)  
*Cumacea* spp. (4)  
*Caecum pulchellum* (2)

*Minuspio cirrifera* (2)  
*Eulalia (Eumida) sanguinea* (2)  
*Harmothoe aculeata* (1)  
*Sthenelais boa* (3)  
*Gyptis brevipalpa* (2)  
*Odontosyllis* sp. (1)  
*Lumbrineris verrilli* (2)  
*Sabella variegata* (1)  
*Mysidopsis furca* (2)  
*Ampelisca schellenbergi* (1)  
*Lembos unicornis* (1)  
*Palaemonidae (post larva)* (1)  
*Alpheus normanni* (1)  
*Haxapanopeus caribbaeus* (1)  
*Xanthidae* sp. indet. (1)  
*Rissoina catesbyana* (3)  
*Vermicularia spirata* (1)  
*Micropholis gracillima* (2)  
*Amphiodia pulchella* (1)

*Strombiformis hemphilli* (1)  
*Acteocina canaliculata* (2)  
*Haminoea succinea* (1)  
*Brachidontes exustus* (1)  
*Diplodonta punctata* (1)  
*Cumingia tellinoides vanhynigi* (1)  
*Tagelus divisus* (11)  
 Juv. type C (1)

## Station 51

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.691	Mean
4000-2000	3.77	2.71	Median
2000-1000	2.37	2.5	Mode
1000-500	3.39	1.453	Sorting
500-250	12.14	-0.905	Skewness
250-125	40.7	1.142	Kurtosis
125-63	15.06		
63<	22.57		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	1	0

### Plant Material Found in Dredge Samples

Wet Season

Dry Season

No Plant Material in Samples

### Benthic Organisms Found in Dredge Samples

Wet Season

Dry Season

<i>Nematoda</i> spp. (6)	<i>Aricidea philbinae</i> (1)
<i>Cirrophorus furcatus</i> (3)	<i>Cirrophorus furcatus</i> (1)
<i>Minuspio cirrifera</i> (3)	<i>Minuspio cirrifera</i> (6)
<i>Tharyx annulosus</i> (10)	<i>Prionospio heterobranchia</i> (1)
<i>Sthenelais boa</i> (1)	<i>Tharyx annulosus</i> (2)
<i>Podarke obscura</i> (2)	<i>Mediomastus ambiseta</i> (1)
<i>Glycinde solitaria</i> (1)	<i>Praxillella</i> sp. (2)
<i>Diopatra cuprea</i> (1)	<i>Sthenelais boa</i> (5)
<i>Lumbrineris verrilli</i> (6)	<i>Glycinde solitaria</i> (4)
<i>Schistomeringos rudolphi</i> (2)	<i>Lumbrineris verrilli</i> (14)
<i>Migochaeta</i> spp. (6)	<i>Schistomeringos rudolphi</i> (1)
<i>Phascolion cryptus</i> (1)	<i>Chone americana</i> (1)
<i>Penaeus duorarum duorarum</i> (1)	<i>Myodocopa</i> spp. (8)
<i>Meioceras nitida</i> (1)	<i>Mysidopsis furca</i> (1)

*Bittium varium* (4)  
*Acteocina canaliculata* (1)  
*Diplodonta punctata* (1)  
*Galeommatacea* sp. A (3)  
*Tellina versicolor* (1)  
*Tagelus divisus* (4)  
*Cyclinella tenuis* (1)  
*Corbula* sp. A (3)  
*Micropholis gracillima* (3)

*Cumacea* spp. (6)  
*Kalliapseudes* sp. A (1)  
*Amphilocheus neopolitanus* (1)  
*Listriella barnardi* (1)  
*Monoculodes nyei* (1)  
*Porcellanidae* zoea (1)  
*Tellina versicolor* (1)  
*Tagelus divisus* (4)  
*Corbula* sp. A (1)  
*Micropholis gracillima* (4)

## Station 52

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	3.781	Mean
4000-2000	0	4.06	Median
2000-1000	0.4	4.0	Mode
1000-500	0.74	1.020	Sorting
500-250	5.47	-1.315	Skewness
250-125	16.57	1.154	Kurtosis
125-63	17.42		
63<	59.4		

Seagrass Blade Count	Wet Season	Dry Season
No seagrass		

### Plant Material Found in Dredge Samples

Wet Season	Dry Season

*Halodule wrightii*

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season

<i>Nematoda</i> spp. (1)	<i>Nemertinea</i> spp. (13)
<i>Minuspio cirrifera</i> (9)	<i>Nematoda</i> spp. (1)
<i>Polydora ligni</i> (1)	<i>Spiochaetopterus costarum ocul.</i> (13)
<i>spiochaetopterus costarum ocul.</i> (1)	<i>Branchioasychis americana</i> (1)
<i>Tharyx annulosus</i> (2)	<i>Glycinde solitaria</i> (1)
<i>Mediomastus ambiseta</i> (1)	<i>Lumbrineris verrilli</i> (2)
<i>Glycinde solitaria</i> (2)	<i>Myodocopa</i> spp. (6)
<i>Lumbrineris verrilli</i> (3)	<i>Mysidopsis furca</i> (1)
<i>Schistomeringos rudolphi</i> (15)	<i>Cumacea</i> spp. (2)
<i>Sabella variegata</i> (1)	<i>Oniscoidea</i> sp. indet. (1)
<i>Oligochaeta</i> spp. (1)	<i>Ampelisca abdita</i> (1)
<i>Cumacea</i> spp. (1)	<i>Lembos unicornis</i> (1)

*Cymadusa filosa* (7)  
*Lembos spinicarpus* (1)  
*Batea catharinensis* (3)  
*Porcellanidae* zoea (1)  
*Meioceras nitida* (1)  
*Haminoea antillarum* (1)  
*Haminoea succinea* (2)  
*Tagelus divisus* (2)  
*Corbula* sp. A (1)  
*Micropholis gracillima* (3)

*Listriella barnardi* (1)  
*Porcellanidae* zoea (1)  
*Micropholis gracillima* (1)  
*Axiognathus squamatus* (1)

## Station 53

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	0.69
2000-1000	1.8
1000-500	2.7
500-250	9.23
250-125	45.71
125-63	25.37
63<	14.5

Texture Analysis (grain size -phi)	
2.816	Mean
2.82	Median
3.0	Mode
1.104	Sorting
-0.765	Skewness
1.858	Kurtosis

### Seagrass Blade Count

### Wet Season

### Dry Season

*Syringodium*

5

7

### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Syringodium filiforme*  
*Dictyota indica*  
*Hypnea cervicornis*

*Syringodium filiforme*  
*Halodule wrightii*  
*Dictyota volubilis*

### Benthic Organisms Found in Dredge Samples

#### Wet Season

#### Dry Season

*Actinia* sp. A (1)  
*Turbellaria* spp. (2)  
*Nemertinea* spp. (1)  
*Nematoda* spp. (11)  
*Aricidea philbinae* (3)  
*Polydora ligni* (38)  
*Prionospio heterobranchia* (2)  
*Pseudopolydora* sp. (3)  
*Caulleriella alata* (1)  
*Tharyx annulosus* (37)

*Nemertinea* spp. (1)  
*Nematoda* spp. (2)  
*Ectoprocta* spp. (2)  
*Cirrophorus furcatus* (2)  
*Prionospio cristata* (2)  
*Prionospio heterobranchia* (1)  
*Spiochaetopterus costarum oculatus* (1)  
*Caulleriella alata* (1)  
*Tharyx annulosus* (3)  
*Ehlersia* sp. A (1)

*Gyptis brevipalpa* (2)  
*Podarke obscura* (2)  
*Exogone dispar* (2)  
*Exogone verugera* (3)  
*Typosyllis* sp. B (1)  
*Typosyllis* sp. C (1)  
*Platynereis dumerilii* (2)  
*Schistomeringos rudolphi* (5)  
*Sabellaria vulgaris* (1)  
*Thelepus setosus* (1)  
*Branchiomma nigromaculata* (4)  
*Migochaeta* spp. (10)  
*Phascolion* cf. *caupo* (1)  
*Carpas stylodactylus* (4)  
*Paracerceis caudata* (2)  
*Ampithoe longimana* (5)  
*Cymadusa compta* (29)  
*Hippolyte zostericola* (1)  
*Pagurus* n. sp. A (1)  
*Caecum pulchellum* (17)  
*Meioceras nitida* (103)  
*Bittium varium* (5)  
*Crepidula maculosa* (1)  
*Marginella apicina* (2)  
*Marginella aureocincta* (5)  
*Granulina ovuliformis* (3)  
*Turbonilla* sp. B (1)  
*Haminoea antillarum* (2)  
*Elysia* sp. A (1)  
*Aeolidiidae* sp. A (1)  
*Musculus lateralis* (1)  
*Modiolus modiolus squamosus* (3)  
*Anomia simplex* (2)  
*Carditamera floridana* (1)  
*Tellina versicolor* (1)  
*Macoma constricta* (1)  
*Chione cancellata* (3)  
*Amphiodia pulchella* (1)

*Platynereis dumerilii* (1)  
*Melinna maculata* (1)  
*Thelepus setosus* (1)  
Undetermined sp. C (1)  
*Batea catharinensis* (1)  
*Periclimenes longicaudatus* (1)  
*Caecum pulchellum* (1)  
*Mitrella lunata* (1)  
*Marginella aureocincta* (1)  
*Acteocina canaliculata* (1)  
*Pinctada imbricata* (1)  
*Amphiodia pulchella* (1)

## Station 54

### Sediment Analysis

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	1.58	1.798	Mean
4000-2000	4.69	2.11	Median
2000-1000	6.83	2.5	Mode
1000-500	8.9	1.456	Sorting
500-250	22.14	-0.858	Skewness
250-125	43.18	0.769	Kurtosis
125-63	8.46		
63<	4.22		

Seagrass Blade Count	Wet Season	Dry Season
<i>Thalassia</i>	12	0
<i>Syringodium</i>	0	25

### Plant Material Found in Dredge Samples

Wet Season	Dry Season
<i>Halodule wrightii</i>	<i>Syringodium filiforme</i>
<i>Thalassia testudinum</i>	cf. <i>Caulerpa fastigiata</i>
<i>Syringodium filiforme</i>	
<i>Hypnea cervicornis</i>	

### Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
<i>Actinia</i> sp. A (2)	Nemertinea spp. (2)
Nemertinea spp. (3)	<i>Haploscoloplos foliosus</i> (2)
Nematoda spp. (1)	<i>Aricidea</i> sp. (1)
<i>Aricidea</i> sp. (1)	<i>Cirrophorus furcatus</i> (3)
<i>Prionospio heterobranchia</i> (4)	<i>Minuspio cirrifera</i> (4)
<i>Caulleriella alata</i> (4)	<i>Polydora ligni</i> (2)
cf. <i>Caulleriella killariensis</i> (1)	<i>Prionospio heterobranchia</i> (18)
cf. <i>Cirratulus</i> sp. (2)	<i>Pseudopolydora</i> sp. (1)
<i>Tharyx annulosus</i> (8)	<i>Caulleriella alata</i> (3)
<i>Gyptis brevipalpa</i> (1)	<i>Tharyx annulosus</i> (13)
<i>Parahesion luteola</i> (1)	<i>Capitellides jonesi</i> (1)
<i>Podarke obscura</i> (2)	<i>Gyptis brevipalpa</i> (1)
<i>Typosyllis</i> sp. A (7)	<i>Podarke obscura</i> (1)
<i>Platynereis dumerilii</i> (1)	<i>Diopatra cuprea</i> (1)
<i>Glycera</i> sp. (1)	<i>Pectinaria gouldi</i> (2)
<i>Glycinde solitaria</i> (1)	<i>Thelepus setosa</i> (1)
<i>Eunice kinbergi</i> (2)	<i>Sabella variegata</i> (28)
<i>Piromis eruca</i> (1)	<i>Myodocopa</i> spp. (1)
<i>Pectinaria gouldi</i> (1)	<i>Carpis</i> cf. <i>stylodactylus</i> (54)
<i>Thelepus setosus</i> (1)	<i>Paracerceis caudata</i> (4)

*Sabella variegata* (5)  
*Oligochaeta* spp. (7)  
*Phascolion* cf. *caupo* (1)  
*Phascolion cryptus* (1)  
*Carpis stylodactylus* (4)  
*Amphilocheus neopolitanus* (1)  
*Cymadusa filosa* (27)  
*Batea catharinensis* (1)  
*Elasmopus rapax* (3)  
*Lysianassa alba* (1)  
*Periclimenes americanus* (1)  
*Caecum pulchellum* (26)  
*Meioceras nitida* (12)  
*Marginella apicina* (4)  
*Odostomia* sp. B (2)  
*Haminoea antillarum* (1)  
*Elysia* sp. A (1)  
*Ischnochiton papillosus* (11)  
*Anomia simplex* (1)  
*Parvilucina multilineata* (1)  
*Carditamera floridana* (1)  
*Amphiodia pulchella* (1)

*Erichsonella floridana* (2)  
*Amphilocheus neopolitanus* (8)  
*Cymadusa compta* (13)  
*Cymadusa filosa* (1)  
*Batea catharinensis* (14)  
*Dulichella appendiculata* (6)  
*Elasmopus laevis* (4)  
*Erichthonius brasiliensis* (1)  
*Listriella barnardi* (1)  
*Lysianassa alba* (10)  
*Thor floridanus* (1)  
*Xanthidae* sp. indet. (1)  
*Caecum pulchellum* (18)  
*Meioceras nitida* (2)  
*Bittium varium* (2)  
*Conus jaspideus* (1)  
*Tellina versicolor* (2)  
*Chione cancellata* (1)  
*Amphioplus abdita* (1)

**Station 55**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	2.225	Mean
4000-2000	5.47	2.26	Median
2000-1000	8.07	2.5	Mode
1000-500	6.62	1.653	Sorting
500-250	14.82	-0.622	Skewness
250-125	33.61	-0.207	Kurtosis
125-63	16.35		
63<	15.06		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	15	0

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
	<i>Halophila baillonis</i>

## Benthic Organisms Found in Dredge Samples

### Wet Season

Nemertinea spp. (2)  
Nematoda spp. (8)  
*Minuspio cirrifera* (1)  
*Prionospio cristata* (2)  
*Prionospio heterobranchia* (3)  
*Pseudopolydora* sp. (1)  
*Poecilochaetus johnsoni* (1)  
cf. *Cirriformia* sp. (1)  
*Tharyx annulosus* (2)  
*Praxillella* sp. (2)  
*Haplosyllis spongicola* (1)  
*Platynereis dumerilii* (2)  
*Glycinde solitaria* (2)  
*Lumbrineris verrilli* (6)  
*Thelepus setosus* (1)  
Oligochaeta spp. (3)  
*Phascolion cryptus* (1)  
*Lembos unicornis* (1)  
*Batea catharinensis* (1)  
*Deutella mayeri* (1)  
*Penaeus duorarum duorarum* (1)  
*Anachis obesa* (1)  
*Tellina versicolor* (1)  
*Chione cancellata* (1)  
*Corbula* sp. A (3)  
*Micropholis gracillima* (3)

### Dry Season

Nemertinea spp. (8)  
Nematoda spp. (3)  
cf. *Naineris* sp. (4)  
*Cirrophorus furcatus* (3)  
*Minuspio cirrifera* (1)  
*Pseudopolydora* sp. (3)  
*Poecilochaetus johnsoni* (3)  
*Spiochaetopterus costarum ocul.* (1)  
*Tharyx annulosus* (2)  
cf. *Tharyx* sp. (3)  
*Praxillella* sp. (9)  
*Sthenelais boa* (8)  
*Ancistrosyllis* sp. indet. (1)  
*Exogone arenosa* (1)  
*Glycinde solitaria* (3)  
*Lumbrineris verrilli* (13)  
*Melinna maculata* (1)  
*Fabricia sabella* (1)  
*Phascolion caupo* (1)  
*Myodocopa* spp. (2)  
*Amathimysis cherados* (1)  
*Cumacea* spp. (1)  
*Cymadusa compta* (1)  
*Lembos* sp. indet. (1)  
*Listriella barnardi* (1)  
*Hemiproto wigleyi* (1)  
*Haxapanopeus caribbaeus* (1)  
*Caecum pulchellum* (1)  
Cephalaspidea sp. A. (1)  
*Nucula proxima* (1)  
*Diplodonta punctata* (4)  
*Chione cancellata* (1)  
*Corbula* sp. A (3)  
*Micropholis gracillima* (1)



**Station 56**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	20.41	0.465	Mean
4000-2000	14.48	-0.15	Median
2000-1000	17.9	-0.5	Mode
1000-500	11.79	2.501	Sorting
500-250	6.93	0.466	Skewness
250-125	5.55	-1.158	Kurtosis
125-63	5.22		
63<	17.73		

Seagrass Blade Count	Wet Season	Dry Season
Halodule	0	3
Syringodium	35	29

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Syringodium filiforme</i>	<i>Syringodium filiforme</i>
<i>Hypnea cervicornis</i>	<i>Halodule wrightii</i>
<i>Amphiroa</i> sp.	<i>Laurencia poitei</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (2)	Nemertinea spp. (4)
Nematoda spp. (1)	Nematoda spp. (2)
<i>Aricidea philbinae</i> (2)	<i>Cirrophorus furcatus</i> (2)
<i>Polydora ligni</i> (3)	<i>Minuspio cirrifera</i> (6)
<i>Prionospio heterobranchia</i> (11)	<i>Prionospio heterobranchia</i> (7)
cf. <i>Cirriformia</i> sp. (2)	<i>Spiochaetopterus costarum ocul.</i> (3)
<i>Podarke obscura</i> (1)	<i>Tharyx annulosus</i> (2)
<i>Exogone verugera</i> (1)	cf. <i>Tharyx</i> sp. (3)
<i>Platynereis dumerilii</i> (1)	<i>Harmothoe aculeata</i> (1)
<i>Sabella microphthalma</i> (1)	<i>Ehlersia</i> sp. A (2)
<i>Oligochaeta</i> spp. (9)	<i>Glycera abbranchiata</i> (1)
<i>Phascolion cryptus</i> (1)	<i>Pista cristata</i> (3)
<i>Batea catharinensis</i> (1)	<i>Thelepus setosus</i> (1)
<i>Periclimenes americanus</i> (1)	<i>Phascolion caupo</i> (1)
<i>Pagurus</i> n. sp. A (1)	<i>Copepoda</i> spp. (2)
<i>Caecum pulchellum</i> (12)	<i>Cymadusa compta</i> (1)
<i>Meioceras nitida</i> (11)	<i>Alpheus normanni</i> (1)
<i>Bittium varium</i> (1)	<i>Pagurus</i> n. sp. A (1)
<i>Crepidula maculosa</i> (2)	<i>Polyonyx gibbesi</i> (1)
<i>Marginella apicina</i> (2)	<i>Caecum pulchellum</i> (15)
<i>Granulina ovuliformis</i> (1)	<i>Acteocina canaliculata</i> (1)

*Conus jaspideus* (2)  
*Acteocina canaliculata* (1)  
*Anomia simplex* (1)  
*Tellina versicolor* (1)

*Micropholis gracillima* (1)

**Station 57**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0	4.079	Mean
4000-2000	0	4.18	Median
2000-1000	0.72	4.0	Mode
1000-500	0.88	NA	Sorting
500-250	2.42	NA	Skewness
250-125	9.15	NA	Kurtosis
125-63	9.44		
63<	77.39		

**Seagrass Blade Count**

**Wet Season**

**Dry Season**

No seagrass

**Plant Material Found in Dredge Samples**

Wet Season

Dry Season

No Plant Material in Samples

**Benthic Organisms Found in Dredge Samples**

Wet Season

Dry Season

*Turbellaria* spp. (7)  
*Nemertinea* spp. (1)  
*Minuspio cirrifera* (1)  
*Scolelepis (Scolelepis) texana* (1)  
*Poecilochaetus johnsoni* (7)  
*Tharyx annulosus* (3)  
*Glycinde solitaria* (1)  
*Lumbrineris verrilli* (1)  
*Terebella rubra* (1)  
*Chone americana* (1)  
*Oligochaeta* spp. (1)  
*Phascolion cryptus* (1)  
*Alpheus normanni* (1)  
*Amphioplus abdita* (2)

*Nemertinea* spp. (30)  
*Nematoda* spp. (1)  
*Scoloplos (Scol.) cf. capensis* (1)  
*Aricidea philbinae* (3)  
*Cossura* sp. (1)  
*Minuspio cirrifera* (1)  
*Prionospio cristata* (3)  
*Scolelepis (Scolelepis) texana* (1)  
*Streblospio benedicti* (1)  
*Tharyx annulosus* (45)  
Undetermined sp. A (1)  
*Sthenelais boa* (1)  
*Glycera abbranchiata* (1)  
*Glycinde solitaria* (2)  
*Lumbrineris verrilli* (2)  
*Schistomeringos rudolphi* (11)  
? *Gastrosaccinae* sp. indet. (1)  
*Ampelisca vadorum* (4)

*Lembos* sp. indet. (1)  
*Nucula proxima* (1)  
*Barbatia candida* (1)  
*Parvilucina multilineata* (1)  
*Laevicardium mortoni* (1)  
*Tellina versicolor* (1)  
*Chione cancellata* (1)  
*Cardiomya gemma* (1)  
*Ophiactis savignyi* (1)

**Station 58**

**Sediment Analysis**

Sieve Size Distribution		Texture Analysis (grain size -phi)	
microns	% weight		
>4000	0	2.133	Mean
4000-2000	0.4	2.2	Median
2000-1000	0.83	2.0	Mode
1000-500	4.1	0.766	Sorting
500-250	32.37	-0.763	Skewness
250-125	54.8	2.655	Kurtosis
125-63	7		
63<	0.49		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halodule</i>	6	41

**Plant Material Found in Dredge Samples**

Wet Season	Dry Season
<i>Halodule wrightii</i>	<i>Halodule wrightii</i>

**Benthic Organisms Found in Dredge Samples**

Wet Season	Dry Season
Nemertinea spp. (5)	Turbellaria spp. (1)
<i>Prionospio cristata</i> (9)	Nemertinea spp. (6)
<i>Prionospio heterobranchia</i> (2)	Nematoda spp. (1)
<i>Pseudopolydora</i> cf. <i>pulchra</i> (3)	<i>Aricidea philbinae</i> (1)
<i>Spio pettiboneae</i> (3)	<i>Prionospio cristata</i> (2)
<i>Magelona</i> sp. A (1)	<i>Spio pettiboneae</i> (1)
<i>Capitella capitata</i> (1)	<i>Capitella capitata</i> (1)
<i>Mediomastus ambiseta</i> (3)	<i>Notomastus latericeus</i> (1)
<i>Notomastus latericeus</i> (4)	<i>Sthenelais boa</i> (2)
<i>Eulalia (Eumida) sanguinea</i> (2)	<i>Autolytus</i> sp. B (1)
<i>Ehlersia</i> sp. A (1)	<i>Exogone arenosa</i> (2)
<i>Exogone dispar</i> (3)	<i>Platynereis dumerilii</i> (1)
<i>Sphaerosyllis</i> spp. 12)	<i>Glycera abbranchiata</i> (2)

*Platynereis dumerilii* (4)  
*Glycera* sp. (2)  
*Onuphis (Nothria)* sp. (2)  
*Lumbrineris verrilli* (2)  
*Scionides reticulata* (1)  
*Chone americana* (2)  
*Oligochaeta* spp. (8)  
*Copepoda* spp. (7)  
*Paratanaidae* spp. (18)  
*Ampithoe longimana* (14)  
*Corophium acherusicum* (1)  
*Erichthonius rubricornis* (1)  
Insect larva (1)  
*Caecum pulchellum* (1)  
*Bittium varium* (1)  
*Haminoea antillarum* (1)  
*Haminoea succinea* (2)  
*Parvilucina blanda* (1)  
*Trachycardium muricatum* (1)  
*Tellina versicolor* (1)  
*Cumingia tellinoides vanhynigi* (2)  
*Tagelus divisus* (1)  
*Chione cancellata* (1)  
*Bivalvia* sp. A (1)  
*Holothuroidea* sp. A (3)

*Onuphis (Nothria)* sp. (2)  
*Lumbrineris tenuis* (1)  
*Lumbrineris verrilli* (1)  
*Chone americana* (3)  
*Myodocopa* spp. (1)  
*Tanais* sp. A (10)  
*Leptochela savignyi* (2)  
*Cerapus* n. sp. (11)  
*Erichthonius brasiliensis* (12)  
*Podocerus brasiliensis* (17)  
*Rhepoxynius* sp. indet. (3)  
*Caprella equilibra* (3)  
*Hemiproto wigleyi* (2)  
*Metaprotella hummelincki* (8)  
*Paracaprella pusilla* (1)  
*Tricolia affinis* (1)  
*Solemya occidentalis* (12)  
*Linga amiantus* (1)  
*Parvilucina multilineata* (1)  
*Strigilla carnaria* (9)  
*Chione cancellata* (1)  
*Pitar simpsoni* (1)  
*Cooperella atlantica* (3)  
*Bivalve* sp. A. (2)  
Juvenile (indet.) (1)

## Station 59

### Sediment Analysis

Sieve Size Distribution	
microns	% weight
>4000	0
4000-2000	1.71
2000-1000	1.67
1000-500	2.12
500-250	8.04
250-125	71.46
125-63	14.44
63<	0.56

Texture Analysis (grain size -phi)	
2.414	Mean
2.53	Median
2.5	Mmode
0.870	Sorting
-2.215	Skewness
7.919	Kurtosis

### Seagrass Blade Count

### Wet Season

### Dry Season

No seagrass

### Plant Material Found in Dredge Samples

#### Wet Season

#### Dry Season

*Laurencia poitei*

## Benthic Organisms Found in Dredge Samples

Wet Season	Dry Season
Nemertinea spp. (3)	Nematoda spp. (4)
Nematoda spp. (5)	<i>Haploscoloplos foliosus</i> (4)
<i>Aricidea</i> sp. (5)	<i>Scoloplos (Scoloplos) armiger</i> (1)
<i>Cirrophorus furcatus</i> (10)	<i>Aricidea</i> sp. (2)
<i>Prionospio cristata</i> (1)	<i>Spiochaetopterus costarum ocul.</i> (2)
<i>Scolelepis (Scolelepis) texana</i> (9)	cf. <i>Caulleriella killariensis</i> (2)
<i>Streblospio benedicti</i> (46)	<i>Mediomastus ambiseta</i> (1)
<i>Poecilochaetus johnsoni</i> (1)	<i>Gyptis brevipalpa</i> (1)
<i>Spiochaetopterus costarum ocul.</i> (3)	<i>Podarke obscura</i> (1)
cf. <i>Caulleriella killariensis</i> (1)	<i>Typosyllis</i> sp. M (1)
<i>Tharyx annulosus</i> (2)	<i>Glycera tessellata</i> (2)
<i>Capitellides jonesi</i> (3)	<i>Glycinde solitaria</i> (1)
<i>Mediomastus ambiseta</i> (2)	<i>Onuphis (Nothria) sp.</i> (4)
<i>Notomastus latericeus</i> (1)	<i>Lumbrineris verrilli</i> (2)
<i>Podarke obscura</i> (1)	<i>Schistomeringos rudolphi</i> (1)
<i>Glycera tessellata</i> (1)	<i>Polycirrus eximius</i> (7)
<i>Glycinde solitaria</i> (3)	<i>Terebellides stroemi</i> (1)
<i>Lumbrineris verrilli</i> (1)	<i>Grandidierella bonnieroides</i> (3)
<i>Fabricia sabella</i> (1)	<i>Lembos</i> sp. indet. (1)
<i>Oligochaeta</i> spp. (38)	<i>Hemiproto wigleyi</i> (2)
<i>Cumacea</i> spp. (2)	<i>Pagurus</i> sp. indet. (1)
<i>Ampelisca abdita</i> (2)	<i>Caecum pulchellum</i> (2)
<i>Cymadusa filosa</i> (2)	
<i>Anomia simplex</i> (1)	
<i>Tellina martinicensis</i> (1)	
<i>Tellina similis</i> (3)	
<i>Tagelus divisus</i> (1)	
<i>Amphioplus abdita</i> (4)	

### Station 60

#### Sediment Analysis

Sieve Size Distribution		Texture Analysis	
microns	% weight	(grain size -phi)	
>4000	0.97	1.94	Mean
4000-2000	2.42	2.21	Median
2000-1000	4.56	2.5	Mode
1000-500	9.1	1.180	Sorting
500-250	18.58	-1.433	Skewness
250-125	55.99	2.414	Kurtosis
125-63	7.76		
63<	0.63		

Seagrass Blade Count	Wet Season	Dry Season
<i>Halophila</i>	3	237

## Plant Material Found in Dredge Samples

### Wet Season

*Halodule wrightii*  
*Halophila baillonis*  
*Acanthophora* sp.

### Dry Season

*Halophila baillonis*  
Unidentified algae

## Benthic Organisms Found in Dredge Samples

### Wet Season

*Actinia* sp. A (2)  
*Paraprionospio pinnata* (2)  
*Prionospio heterobranchia* (1)  
*Scolelepis (Scolelepis) texana* (1)  
*Streblospio benedicti* (2)  
*Capitella capitata* (5)  
*Capitellides jonesi* (1)  
*Podarke obscura* (2)  
*Nereis (Neanthes) succinea* (2)  
*Glycinde solitaria* (3)  
*Oligochaeta* spp. (2)  
*Balanus eburneus* (1)  
*Ampelisca vadorum* (1)  
*Cymadusa compta* (2)  
*Grandidierella bonnieroides* (2)  
*Pagurus* n. sp. A (5)  
*Callinectes* spp. (juvs.) (1)  
*Hexapanopeus caribbaeus* (1)  
*Panopeus bermudensis* (5)  
*Caecum pulchellum* (43)  
*Crepidula maculosa* (1)  
*Crepidula plana* (5)  
*Nassarius vibex* (29)  
*Brachidontes exustus* (1)  
*Amygdalum papyrium* (5)  
*Anomia simplex* (2)  
*Pseudomiltha floridana* (1)  
*Tagelus divisus* (1)  
*Anomalocardia auberiana* (4)  
*Lyonsia hyalina floridana* (1)

### Dry Season

*Prionospio heterobranchia* (2)  
*Pseudopolydora* cf. *pulchra* (1)  
*Poecilochaetus johnsoni* (2)  
*Chaetopterus variopedatus* (2)  
*Podarke obscura* (1)  
*Nereis (Nereis) falsa* (2)  
*Glycera abbranchiata* (1)  
*Fabricia sabella* (1)  
*Histriobdellidae* (1)  
*Cymadusa compta* (2)  
*Grandidierella bonnieroides* (2)  
*Erichthonius brasiliensis* (4)  
*Pagurus* n. sp. A (1)  
*Caecum pulchellum* (37)  
*Crepidula plana* (1)  
*Nassarius vibex* (1)  
*Turbonilla* sp. D (1)  
*Acteocina canaliculata* (3)  
*Amygdalum papyrium* (2)  
*Parvilucina multilineata* (1)  
*Tagelus divisus* (1)  
*Chione cancellata* (1)  
*Anomalocardia auberiana* (1)  
*Lyonsia hyalina floridana* (1)  
*Ophiophragmus filigraneus* (1)

### 5.1.5. Wet and Dry Season Field Measurements and Observations

	Wet Season	Dry Season.
<b>Station 1</b>		
Sample Date:	10-30-81	3-12-82
Time:	0800	1310
Water Color:	OLIVE	CLEAR
Depth:	10	11
Temperature-surf.:	26.8	24.9
Salinity-surf.:	21.3	26.0
Temperature-bot.:	27.1	23.6
Salinity-bot.:	23	26.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	<i>Thalassia</i>
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE
<b>Station 2</b>		
Sample Date:	10-30-81	3-12-82
Time:	0845	1330
Water Color:	OLIVE	CLEAR
Depth:	6	6
Temperature-surf.:	27.7	26.4
Salinity-surf.:	19	26.5
Temperature-bot.:	27.5	25.5
Salinity-bot.:	19	26.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	HARD	HARD
Source Pollution:	NONE	NONE
Fresh Water:	RUNOFF	LAND RUNOFF
<b>Station 3</b>		
Sample Date:	10-30-81	3-12-82
Time:	1350	1230
Water Color:	DARK OLIVE, MURKY	OLIVE GREEN
Depth:	3.5	4
Temperature-surf.:	27.8	26.5
Salinity-surf.:	16.6	25.5
Temperature-bot.:	27.8	25.7
Salinity-bot.:	18	25.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SOFT	SEAGRASSES
Source Pollution:	CANAL	CANAL
Fresh Water:	RUNOFF-CANAL	CANAL

**Station 4**

Sample Date:	10-30-81	3-12-82
Time:	1430	1400
Water Color:	CLEAR DARK GREEN	CLEAR
Depth:	7.5	7.5
Temperature-surf.:	27.5	24.9
Salinity-surf.:	24.2	28.0
Temperature-bot.:	27.5	24.4
Salinity-bot.:	24.2	28.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 5**

Sample Date:	10-30-81	3-12-82
Time:	1115	1020
Water Color:	DARK OLIVE	OLIVE GREEN
Depth:	8.25	6
Temperature-surf.:	27.5	24.7
Salinity-surf.:	7.8	23.0
Temperature-bot.:	27.5	24.2
Salinity-bot.:	11.9	24.0
Secchi Disk-down:	5.5	5
Secchi Disk-up:	5.5	5
Bottom Type:	MUDDY	MUD
Source Pollution:	MOWRY CANAL	CANAL
Fresh Water:	MOWRY CANAL	CANAL

**Station 6**

Sample Date:	10-30-81	3-14-82
Time:	1020	1045
Water Color:	DARK GREEN	CLEAR
Depth:	5.25	4.5
Temperature-surf.:	27.5	24.6
Salinity-surf.:	12	24.6
Temperature-bot.:	27.5	24.2
Salinity-bot.:		24.9
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	MARINA	Bayfront Park
Fresh Water:	CANAL	CANAL



**Station 7**

Sample Date:	10-30-81	3-12-82
Time:	1255	1145
Water Color:	DEEP GREEN	CLEAR
Depth:	7	6.5
Temperature-surf.:	27.5	24.0
Salinity-surf.:	20	27.0
Temperature-bot.:	27.3	24.0
Salinity-bot.:	21.2	26.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 8**

Sample Date:	10-30-81	3-12-82
Time:	1515	1425
Water Color:	TRANSPARENT GREEN	CLEAR
Depth:	6	6.25
Temperature-surf.:	27.5	24.5
Salinity-surf.:	26.5	26.5
Temperature-bot.:	27.8	24.5
Salinity-bot.:	26.2	26.2
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 9**

Sample Date:	10-30-81	3-12-82
Time:	1215	1115
Water Color:	DARK GREEN	CLEAR
Depth:	9.5	8.5
Temperature-surf.:	27.5	23.6
Salinity-surf.:	22.4	26.6
Temperature-bot.:	27.5	23.5
Salinity-bot.:	22.5	26.6
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 10**

Sample Date:	11-9-81	3-12-82
Time:	1300	0945
Water Color:	DARK GREEN	CLEAR
Depth:	5.5	6
Temperature-surf.:	24.2	24.0
Salinity-surf.:	17	24.2
Temperature-bot.:	24.1	23.9
Salinity-bot.:	17	24.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	NONE
Fresh Water:	GOULDS CANAL	NONE

**Station 11**

Sample Date:	10-30-81	3-12-82
Time:	1645	1525
Water Color:	AQUAMARINE	CLEAR
Depth:	9	11
Temperature-surf.:	27.3	24.5
Salinity-surf.:	24	28.8
Temperature-bot.:	27.1	24.0
Salinity-bot.:	24	28.8
Secchi Disk-down:	4	BOTTOM
Secchi Disk-up:	4	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 12**

Sample Date:	10-30-81	3-12-82
Time:	1550	1500
Water Color:	TRANSPARENT GREEN	CLEAR
Depth:	4.5	4.5
Temperature-surf.:	26.3	26.8
Salinity-surf.:	27.5	27.5
Temperature-bot.:	28.3	26.2
Salinity-bot.:	27	27.2
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 13**

Sample Date:	11-91-81	3-14-82
Time:	1430	1235
Water Color:	TRANSPARENT GREEN	CLEAR
Depth:	5	5.5
Temperature-surf.:	24	25.4
Salinity-surf.:	23.8	28.7
Temperature-bot.:	23.9	25.2
Salinity-bot.:	22.5	28.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 14**

Sample Date;	11-9-81	3-12-82
Time:	1340	1555
Water Color:	GREEN	CLEAR
Depth:	8.75	8
Temperature-surf.:	23.9	25.1
Salinity-surf.:	20.5	27.9
Temperature-bot.:	23.8	24.5
Salinity-bot.:	20.5	27.6
Secchi Disk-down.	6.5	6
Secchi Disk-up:	6.5	5.5
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 15**

Sample Date:	11-9-81	3-13-82
Time:	1225	1450
Water Color:	TRANSPARENT OLIVE	CLEAR
Depth:	5.25	4.5
Temperature-surf.:	24	26.8
Salinity-Surf.:	27	25.1
Temperature-bot.:	24	26.4
Salinity-bot.:	19.6	24.8
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	NONE
Fresh Water:	COASTAL CANALS	NONE

**Station 16**

Sample Date:	11-9-81	3-14-82
Time:	1515	1200
Water Color:	GREENISH AGUA	CLEAR
Depth:	10	8.5
Temperature-surf.:	24.3	25.1
Salinity-surf.:	22.5	28.0
Temperature-bot.:	24	25.1
Salinity-bot.:	23.0	27.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	HARD	HARD
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 17**

Sample Date:	10-4-81	3-13-82
Time:	1200	1405
Water Color:	GREEN	CLEAR
Depth:	7.3	5.5
Temperature-surf.:	29.8	27.0
Salinity-surf.:	11.9	25.3
Temperature-bot.:	29.8	26.0
Salinity-bot.:	11.8	25.3
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 18**

Sample Date:	10-4-81	3-13-82
Time:	1300	1340
Water Color:	GREEN	CLEAR
Depth:	10	8
Temperature-surf.:	28.1	25.0
Salinity-surf.:	16	26.1
Temperature-bot.:	28.1	24.8
Salinity-bot.:	15.9	28.0
Secchi Disk-down:	9.5	BOTTOM
Secchi Disk-up:	8.5	BOTTOM
Bottom Type:	HARD	HARD
source Pollution:	NONE	CUTLER CHANNEL
Fresh Water:	NONE	CUTLER CHANNEL

**Station 19**

Sample Date:	10-4-81	3-13-82
Time:	1400	1520
Water Color:	GREEN	CLEAR
Depth:	9	8.5
Temperature-surf.:	29.8	25.0
Salinity-surf.:	16.5	28.8
Temperature-bot.:	28.6	24.6
Salinity-bot.:	18	28.8
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SPARSE SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 20**

Sample Date:	11-9-81	3-14-82
Time:	1600	1025
Water Color:	DEEP GREEN	CLEAR
Depth:	8.5	7
Temperature-surf.:	24.8	25.8
Salinity-surf.:	21.7	27.5
Temperature-bot.:	24.5	25.2
Salinity-bot.:	22.5	27.2
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS-ALGAE	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 21**

Sample Date:	10-11-81	3-14-82
Time:	1700	1110
Water Color:	TRANSPARENT	CLEAR
Depth:	3.75	4.5
Temperature-surf.:	28.7	26.1
Salinity-surf.:	26.9	27.1
Temperature-bot.:	28.7	25.9
Salinity-bot.:	26.9	27.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 22**

Sample Date:	10-4-81	3-13-82
Time:	1500	1310
Water Color:	DARK GREEN	CLEAR GREENISH
Depth:	4.5	4.25
Temperature-surf.:	28.0	26.6
Salinity-surf.:	9.0	25.5
Temperature-bot.:	28.2	25.9
Salinity-bot.:	15.7	25.9
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SAND-SEAGRASS	BARE
Source Pollution:	SNAPPER CREEK	SNAPPER CREEK
Fresh Water:	SNAPPER CREEK	SNAPPER CREEK

**Station 23**

Sample Date:	11-9-81	3-13-82
Time:	1115	1540
Water Color:	GREEN	CLEAR
Depth:	11.5	11.5
Temperature-surf.:	24.0	25.0
Salinity-surf.:	22.0	29.0
Temperature-bot.:	23.8	24.2
Salinity-bot.:	22.0	28.8
Secchi Disk-down:	6.5	BOTTOM
Secchi Disk-up:	6.5	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 24**

Sample Date:	10-11-81	3-14-82
Time:	1500	0930
Water Color:	GREEN	CLEAR
Depth:	6.75	8
Temperature-surf.:	29.2	25.1
Salinity-surf.:	17.5	27.4
Temperature-bot.:	29.0	24.5
Salinity-bot.:	17.0	27.2
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 25**

Sample Date:	10-11-81	3-14-82
Time:	1545	0955
Water Color:	TRANSPARENT	CLEAR
Depth:	1.75	3.5
Temperature-surf.:	29.8	25.0
Salinity-surf.:	20.5	27.4
Temperature-bot.:	29.8	24.6
Salinity-bot.:	20.2	27.1
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	NONE
Fresh Water.:	NONE	NONE

**Station 26**

Sample Date:	11-9-81	3-14-82
Time:	1030	0855
Water Color:	DULL GREEN	LIGHT GREEN
Depth:	13	13
Temperature-surf.:	24.0	25.2
Salinity-surf.:	19.5	24.8
Temperature-bot.:	23.8	24.5
Salinity-bot.:	19.5	25.2
Secchi Disk-down:	6	8
Secchi Disk-up:	5	7.5
Bottom Type:	SEAGRASS	NEARLY BARE
Source Pollution:	NONE	NONE
Fresh Waters:	NONE	NONE

**Station 27**

Sample Date:	10-11-81	3-13-82
Time:	1600	1240
Water Color:	GREEN	CLEAR OLIVE GREEN
Depth:	8	8
Temperature-surf.:	29.0	25.5
Salinity-surf.:	15.5	26.0
Temperature-bot.:	29.0	25.0
Salinity-bot.:	18.0	26.1
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	BARE
Source Pollution:	CORAL GABLES WATERWAY	CORAL GABLES WATERWAY
Fresh Water:	CORAL GABLES WATERWAY	CORAL GABLES WATERWAY

**Station 28**

Sample Date:	10-11-81	3-13-82
Time:	1415	1210
Water Color:	TRANSPARENT GREEN	CLEAR GREEN
Depth:	16.5	14
Temperature-surf.:	28.9	24.8
Salinity-surf.:	20.0	27.8
Temperature-bot.:	28.5	24.6
Salinity-bot.:	22.5	27.0
Secchi Disk-down:	13	8
Secchi Disk-up:	13	7
Bottom Type:	MUD	NEARLY BARE
Source Pollution:	NONE	BOAT TRAFFIC
Fresh Water:	NONE	NONE

**Station 29**

Sample Date:	10-11-81	3-13-82
Time:	1100	1045
Water Color:	TRANSPARENT GREEN	CLEAR GREEN
Depth:	9.75	11
Temperature-surf.:	29.0	24.8
Salinity-surf.:	17.0	26.6
Temperature-bot.:	29.0	24.0
Salinity-bot.:	19.0	27.0
Secchi Disk-down:	BOTTOM	10
Secchi Disk-up:	BOTTOM	9.5
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	DINNER KEY	DINNER KEY MARINA
Fresh Water:	NONE	NONE

**Station 30**

Sample Date:	10-29-81	3-13-82
Time:	1500	1025
Water Color:	GREEN	CLEAR GREEN
Depth:	12	12
Temperature-surf.:	27.2	24.6
Salinity-surf.:	21.0	27.1
Temperature-bot.:	27.2	24.0
Salinity-bot.:	21.0	23.0
Secchi Disk-down:	6.5	11
Secchi Disk-up:	6.5	10.5
Bottom Type:	BARE-SOME <i>HALOPHILA</i>	BARE
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE



**Station 31**

Sample Date:	10-11-81	3-13-82
Time:	1130	1120
Water Color:	GREEN	CLEAR
Depth:	4.5	8
Temperature-surf.:	29.1	24.6
Salinity-surf.:	19.2	27.0
Temperature-bot.:	28.9	24.2
Salinity-bot.:	20.0	27.8
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 32**

Sample Date:	10-11-81	3-13-82
Time:	1215	1000
Water Color:	GREEN	LIGHT GREEN
Depth:	6.7	7.5
Temperature-surf.:	29.3	24.8
Salinity-surf.:	17.0	26.2
Temperature-bot.:	29.0	24.2
Salinity-bot.:	17.2	26.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	BOAT TRAFFIC
Fresh Water:	NONE	NONE

**Station 33**

Sample Date:	10-11-81	3-13-82
Time:	1300	0935
Water Color:	GREEN	CLEAR GREEN
Depth:	10	11
Temperature-surf.:	29.1	24.6
Salinity-surf.:	18.0	24.5
Temperature-bot.:	28.8	23.6
Salinity-bot.:	23.0	26.5
Secchi Disk-down:	9	6.5
Secchi Disk-up:	9	6.25
Bottom Type:	SOFT - SEAGRASSES	BARE
Source Pollution:	NONE	BOAT TRAFFIC
Fresh Water:	NONE	NONE.

**Station 34**

Sample Date:	10-29-81	3-13-82
Time:	1015	0845
Water Color:	GREY GREEN	DARK OLIVE GREEN
Depth:	6.25	5.25
Temperature-surf.:	26.8	24.8
Salinity-surf.:	21.5	26.0
Temperature-bot.:	26.8	24.0
Salinity-bot.:	22.8	25.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	BOATS, URBANIZATION
Fresh Water:	NONE	MIAMI RIVER

**Station 35**

Sample Date:	10-29-81	3-11-82
Time:	1125	1445
Water Color:	GREY GREEN	OLIVE GREEN
Depth:	5.25	2
Temperature-surf.:	27.5	24.0
Salinity-surf.:	23.0	26.0
Temperature-bot.:	27.2	24.0
Salinity-bot.:	23.0	26.0
Secchi Disk-down:	4.75	BOTTOM
Secchi Disk-ups	4.75	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	BOATS, URBANIZATION
Fresh Water:	NONE	MIAMI RIVER

**Station 36**

Sample Date:	10-29-81	3-11-82
Time:	1225	1415
Water Color:	PEA SOUP	DARK OILY GREEN
Depth:	7.25	5
Temperature-surf.:	28.6	23.2
Salinity-surf.:	19.1	24.0
Temperature-bot.:	27.6	23.0
Salinity-bot.:	23.4	24.0
Secchi Disk-down:	6	4
Secchi Disk-up:	6	3.5
Bottom Type:	SOFT MUD	MUDDY, SEAGRASSES
Source Pollution:	MIAMI RIVER	URBAN, PARK, MIAMI RIVER
Fresh Water:	MIAMI RIVER	MIAMI RIVER

**Station 37**

Sample Date:	10-29-81	3-11-82
Time:	1340	1600
Water Color:	DEEP GREEN	LIGHT GREEN
Depth:	15.5	12
Temperature-surf.:	27.2	23.5
Salinity-surf.:	24.6	25.2
Temperature-bot:	27.4	23.2
Salinity-bot.:	21.0	24.9
Secchi Disk-down:	6.25	5.5
Secchi Disk-up:	6.25	5
Bottom Type:	BARE SAND	BARE SAND, SOME <i>HALODULE</i>
Source Pollution:	VA. KEY PLANT	SEWAGE PLANT CONSTRUCTION
Fresh Water:	NONE	NONE

**Station 38**

Sample Date:	10-29-81	3-11-82
Time:	1305	1350
Water Color:	GREY GREEN	GREY-GREEN
Depth:	7	9
Temperature-surf.:	27.9	23.5
Salinity-surf.:	23.0	23.2
Temperature-bot:	27.4	23.0
Salinity-bot.:	23.2	23.8
Secchi Disk-down:	6	4
Secchi Disk-up:	6	3.5
Bottom Type:	BARE MUD	SANDY KARL
Source Pollution:	MIAMI MARINA	MIAMARINA, PORT, BOATS
Fresh Water:	MIAMI RIVER	MIAMI RIVER

**Station 39**

Sample Date:	10-27-81	3-10-82
Time:	1600	1415
Water Color:	GRAYISH GREEN	GREY GREEN
Depth:	10.5	10
Temperature-surf.:	27.4	22.8
Salinity-surf.:	23.6	20.0
Temperature-bot.:	27.0	22.5
Salinity-bot.:	24.0	17.0
Secchi Disk-down:	5.5	4
Secchi Disk-up:	5.5	3.5
Bottom Type:	MUD- <i>HALOPHILA</i>	BARE
Source Pollution:	LAWNS, MARINA	URBAN, BOATS, MOORED BOATS
Fresh Water:	NONE	NONE

**Station 40**

Sample Date:	10-27-81	3-11-82
Time:	1400	1300
Water Color:	PEA SOUP	BROWNISH GREY GREEN
Depth:	6.25	5.5
Temperature-surf.:	27.5	23.2
Salinity-surf.:	23.0	23.5
Temperature-bot.:	27.3	23.0
Salinity-bot.:	23.0	23.6
Secchi Disk-down:	4.5	4
Secchi Disk-up:	4.5	4
Bottom Type:	MUD-SEAGRASSES	BARE, SOME <i>HALODULE</i>
Source Pollution:	PARK SHORE DEBRIS	URBANIZATION
Fresh Water:	STORM SEWER	NONE

**Station 41**

Sample Date:	10-27-81	3-11-82
Time:	1250	1230
Water Color:	GREENISH	GREY GREEN
Depth:	5.75	6
Temperature-surf.:	27.2	22.9
Salinity-surf.:	23.0	23.9
Temperature-bot.:	27.2	22.9
Salinity-bot.:	23.0	23.9
Secchi Disk-down:	5	5
Secchi Disk-up:	5	5
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	BOAT TRAFFIC
Fresh Water:	NONE	NONE

**Station 42**

Sample Date:	10-27-81	3-10 -82
Time:	1510	1330
Water Color:	GREENISH	LIGHT GREY GREEN
Depth:	865	7.5
Temperature-surf.:	27.5	22.1
Salinity-surf.:	24.5	18.2
Temperature-bot.:	27.2	22.0
Salinity-bot.:	24.5	18.1
Secchi Disk-down:	6.25	6.0
Secchi Disk-up:	6.25	5.5
Bottom Type:	MUD-SEAGRASSES	SEAGRASSES
Source Pollution:	NONE	URBANIZATION
Fresh Water:	NONE	NONE

**Station 43**

Sample Date:	10-27-81	3-11-82
Time:	1430	1325
Water Color:	GREENISH	CHALKY GREEN
Depth:	6.75	7
Temperature-surf.:	28.0	23.2
Salinity-surf.:	23.2	24.7
Temperature-bot.:	27.5	23.0
Salinity-bot.:	23.2	23.8
Secchi Disk-down:	5.5	4.5
Secchi Disk-up:	5.5	4.0
Bottom Type:	BARE	BARE
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 44**

Sample Date:	10-27-81	3-11-82
Time:	1040	1135
Water Color:	GREY GREEN	BROWNISH GREY GREEN
Depth:	5	5.25
Temperature-surf.:	?????	22.7
Salinity-surf.:	22.8	22.0
Temperature-bot.:	?????	22.7
Salinity-bot.:	22.5	22.0
Secchi Disk-down:	BOTTOM	5
Secchi Disk-up:	BOTTOM	4.5
Bottom Type:	HARD-ALGAE	BARE, SOME ALGAE
Source Pollution:	HOUSING	URBANIZATION
Fresh Water:	NONE	NONE

**Station 45**

Sample Date:	10-26-81	3-10-82
Time:	1505	1255
Water Color:	GREEN	DARK GREEN
Depth:	4.25	5.5
Temperature-surf.:	27.4	22.2
Salinity-surf.:	23.8	20.0
Temperature-bot.:	27.0	22.0
Salinity-bot.:	23.8	19.5
Secchi Disk-down:	4	5
Secchi Disk-up:	4	5
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	MIAMI BEACH DEVELOPMENT	URBANIZATION
Fresh Water:	NONE	NONE

**Station 46**

Sample Date:	10-27-81	3-11-82
Time:	1200	1200
Water Color:	GREY GREEN	GREY GREEN
Depth:	7	7.5
Temperature-surf.:	27.5	23.0
Salinity-surf.:	22.8	22.5
Temperature-bot.:	27.0	22.6
Salinity-bot.:	23.0	22.5
Secchi Disk-down:	4	4.5
Secchi Disk-up:	4	4
Bottom Type:	MUD	MUDDY
Source Pollution:	SHORELINE GARBAGE, PARK	NEARBY PARK
Fresh Water:	NONE	NONE

**Station 47**

Sample Date:	10-26-81	3-11-82
Time:	1610	1050
Water Color:	CLEAR	CLEAR
Depth:	4	5
Temperature-surf.:	27.5	22.8
Salinity-surf.:	24.0	23.0
Temperature-bot.:	27.4	22.5
Salinity-bot.:	24.0	23.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	DEAD <i>HALIMEDA</i> , SAND	<i>HALIMEDA</i>
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 48**

Sample Date:	10-26-81	3-10-82
Time:	1355	1200
Water Color:	GREY GREEN	DARK GREEN
Depth:	3.5	4
Temperature-surf.:	27.5	22.0
Salinity-surf.:	24.8	18.5
Temperature-bot.:	27.0	21.8
Salinity-bot.:	24.2	18.5
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SEAGRASSES	SEAGRASSES
Source Pollution:	MIAMI BEACH DEVELOPMENT	URBAN, BOATS
Fresh Water:	NONE	NONE

**Station 49**

Sample Date:	10-26-81	3-11-82
Time:	1200	1025
Water Color:	GREEN	GREY GREEN
Depth:	5.5	6.5
Temperature-surf.:	26.8	22.2
Salinity-surf.:	24.0	21.0
Temperature-bot.:	26.5	22.2
Salinity-bot.:	23.3	21.0
Secchi Disk-down:	5	BOTTOM
Secchi Disk-up:	5	BOTTOM
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 50**

Sample Date:	10-26-81	3-11-82
Time:	1015	0930
Water Color:	OLIVE GREEN	YELLOW GREEN
Depth:	9.5	9
Temperature-surf.:	26.5	22.9
Salinity-surf.:	19.0	19.5
Temperature-bot.:	26.1	22.2
Salinity-bot.:	22.4	20.1
Secchi Disk-down:	5	4.5
Secchi Disk-up:	4.75	4
Bottom Type:	MUD	MUDDY, BARE
Source Pollution:	LITTLE RIVER	LITTLE RIVER
Fresh Water:	LITTLE RIVER	LITTLE RIVER

**Station 51**

Sample Date:	10-26-81	1-11-82
Time:	1130	0950
Water Color:	GREY GREEN	GREY GREEN
Depth:	7.5	8
Temperature-surf.:	26.8	22.2
Salinity-surf.:	22.5	20.1
Temperature-bot.:	26.6	22.1
Salinity-bot.:	22.5	20.2
Secchi Disk-down:	2	6.5
Secchi Disk-up:	2.5	6
Bottom Type:	MUD	BARE MUD
Source Pollution:	PELICAN IS. PARK	NEARBY PARK, URBAN
Fresh Water:	NONE	NONE

**Station 52**

Sample Date:	10-26-81	3-10-82
Time:	1310	1115
Water Color:	LIGHT GREY PEA SOUP	GREY GREEN
Depth:	8.75	9.5
Temperature-surf.:	27.0	22.0
Salinity-surf.:	24.6	20.0
Temperature-bot.:	26.6	22.0
Salinity-bot.:	22.5	17.0
Secchi Disk-down:	3.5	4.5
Secchi Disk-up:	3.5	5
Bottom Type:	BARE MUDDY	BARE
Source Pollution:	HOUSING	URBANIZATION
Fresh Water:	NONE	NONE

**Station 53**

Sample Date:	10-18-81	3-10-82
Time:	1630	1040
Water Color:	NOT REPORTED	GREY GREEN
Depth:	5.75	6
Temperature-surf.:	27.0	21.8
Salinity-surf.:	22.5	20.0
Temperature-bot.:	26.2	21.5
Salinity-bot.:	24.0	19.5
Secchi Disk-down:	5	3.5
Secchi Disk-up:	5	4
Bottom Type:	SEAGRASS	SEAGRASS
Source Pollution:	DEVELOPMENT	NONE
Fresh Water:	NONE	NONE

**Station 54**

Sample Date:	10-18-81	3-10-82
Time:	1530	1000
Water Color:	NOT REPORTED	GREY GREEN
Depth:	6.15	6
Temperature-surf.:	27.2	21.8
Salinity-surf.:	21.5	18.0
Temperature-bot.:	27.0	21.2
Salinity-bot.:	24.0	18.5
Secchi Disk-down:	BOTTOM	3.5
Secchi Disk-up:	BOTTOM	3.5
Bottom Type:	SEAGRASS	SEAGRASSES
Source Pollution:	BISCAYNE CANAL	URBANIZATION
Fresh Water:	BISCAYNE CANAL	BISCAYNE CANAL



**Station 55**

Sample Date:	10-18-81	3-10-82
Time:	1435	0930
Water Color:	DULL OLIVE GREEN	GREY GREEN
Depths	10.25	9.5
Temperature-surf:	26.9	21.5
Salinity-surf.:	23.8	17.9
Temperature-bot.:	26.6	21.4
Salinity-bot.:	26.0	17.8
Secchi Disk-down:	7	3.5
Secchi Disk-up:	7	4
Bottom Type:	SOFT	BARE
Source Pollution:	NONE	NONE
Fresh Water:	BISCAYNE CANAL	NONE

**Station 56**

Sample Date	10-18-81	3-9-82
Time:	1350	1420
Water Color:	THIN PEA SOUP	GREY GREEN
Depth:	7.5	2.75
Temperature-surf.:	26.4	23.2
Salinity-surf.:	25.5	21.0
Temperature-bot.:	26.5	23.2
Salinity-bot.:	23.5	20.0
Secchi Disk-down:	BOTTOM	2.0
Secchi Disk-up:	BOTTOM	2.25
Bottom Type:	SEAGRASS	SEAGRASSES
Source Pollution:	CONDOS, BOATS	NONE
Fresh Water:	NONE	NONE

**Station 57**

Sample Date:	10-18-81	3-9-82
Time:	1300	1325
Water Color:	THIN PEA SOUP	GREY GREEN
Depth:	9.25	20.25
Temperature-surf.:	27.3	23.5
Salinity-surf.:	25.5	20.5
Temperature-bot.:	26.8	23.0
Salinity-bot.:	26.8	28.2
Secchi Disk-down:	5.5	5
Secchi Disk-up:	5.5	4.5
Bottom Type:	ROCKS, SOME ALGAE	BARE
Source Pollution:	NEW ARCH CREEK	URBANIZATION
Fresh Water:	NEW ARCH CREEK	NEW ARCH CREEK

**Station 58**

Sample Date:	10-18-81	3-9-82
Time:	1145	1255
Water Color:	CLEAR BLUE GREEN	WHITISH
Depth:	3.5	5.5
Temperature-surf.:	26.9	23.5
Salinity-surf.:	24.5	21.0
Temperature-bot.:	27.0	23.5
Salinity-bot.:	24.5	19.9
Secchi Disk-down:	BOTTOM	4.5
Secchi Disk-up:	BOTTOM	4.5
Bottom Type:	SANDY SEAGRASS PATCHES	SEAGRASS
Source Pollution:	NONE	NONE
Fresh Water:	NONE	NONE

**Station 59**

Sample Date:	10-18-81	3-9-82
Time:	1115	1205
Water Color:	DARK OLIVE BROWN	DARK GREY GREEN
Depth:	14	6.5
Temperature-surf	27.0	23.2
Salinity-surf.:	20.0	19.0
Temperature-bot.:	27.0	23.2
Salinity-bot.:	22.0	18.0
Secchi Disk-down:	5	0.5
Secchi Disk-up:	6	5
Bottom Type:	SANDY MUD	BARE
Source Pollution:	OLETA RIVER	OLETA RIVER, URBAN
Fresh Water:	OLETA RIVER	OLETA RIVER

**Station 60**

Sample Date:	10-18-81	3-9-82
Time:	1025	1110
Water Color:	BEEF BROTH	YELLOW GREEN
Depth:	5	5.5
Temperature-surf.:	27.0	22.5
Salinity-surf.:	19.0	18.5
Temperature-bot.:	27.0	22.8
Salinity-bot.:	21.5	18.0
Secchi Disk-down:	BOTTOM	BOTTOM
Secchi Disk-up:	BOTTOM	BOTTOM
Bottom Type:	SANDY MUD	SEAGRASS
Source Pollution:	CONDOS, BOAT TRAFFIC	URBANIZATION
Fresh Water:	MAULE LAKE	MAULE LAKE

5.2. Phase II

5.2.1. Field Observations and measurements

5.2.1.1. Quarter 1

**STATION 1 (#3)**

DATE: 11-21-82  
TIME: 1330  
COLOR: Dark Olive Green  
TIDE: None  
POLLUTION SOURCE: Grand Canal  
FRESH WATER SOURCE: Grand Canal  
DEPTH: 4.0  
TEMPERATURE SURFACE: 27.5  
BOTTOM: 27.5  
REFRACTOMETER SURFACE: 24 (1.3355)  
BOTTOM: 24 (1.3355)  
OXYGEN SURFACE: 9.0  
BOTTOM: 9.3  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Thalassia* 34  
*Penicillus capitata* 1

**STATION 2 (#16)**

DATE: 11-21-82  
TIME: 1200  
COLOR: Green  
TIDE: Incoming  
POLLUTION SOURCE: None  
FRESH WATER SOURCE: None  
DEPTH: 8.0  
TEMPERATURE SURFACE: 27.5  
BOTTOM: 27.5  
REFRACTOMETER SURFACE: 59 (1.3389)  
BOTTOM: 60 (1.3390)  
OXYGEN SURFACE: 6.8  
BOTTOM: 7.0  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: Hard-nearby seagrass  
GRASS BLADE COUNT: None

**STATION 3 (#22)**

DATE: 11-20-82  
TIME: 1500  
COLOR: Olive Green  
TIDE: None  
POLLUTION SOURCE: Snapper Creek  
FRESH WATER SOURCE: Snapper Creek  
DEPTH: 4.0

TEMPERATURE	SURFACE:	27.9
	BOTTOM:	28.0
REFRACTOMETER	SURFACE:	20 (1.3340)
	BOTTOM:	40 (1.3378)
OXYGEN	SURFACE:	7.2
	BOTTOM:	5.1
SECCHI DISK:		BOTTOM
BOTTOM TYPE:		Bare sand
GRASS BLADE COUNT:		None

**STATION 4 (#23)**

DATE:		11-21-82
TIME:		0950
COLOR:	Dark Green	
TIDE:		None
POLLUTION SOURCE:		None
FRESH WATER SOURCE:		None
DEPTH:	13.0	
TEMPERATURE	SURFACE:	27.6
	BOTTOM:	27.5
REFRACTOMETER	SURFACE:	52 (1.3382)
	BOTTOM:	52 (1.3382)
OXYGEN	SURFACE:	6.8
	BOTTOM:	7.4
SECCHI DISK:		6 up and down
BOTTOM TYPE:		Seagrasses - nearby <i>Thalassia</i>
GRASS BLADE COUNT:		<i>Halodule</i> 28

**STATION 5 (#29)**

DATE:		11-20-82
TIME:		1340
COLOR:	Gray Green	
TIDE:		None
POLLUTION SOURCE:		Dinner Key Marina
FRESH WATER SOURCE:		None
DEPTH:	11.5	
TEMPERATURE	SURFACE:	27.5
	BOTTOM:	27.5
REFRACTOMETER	SURFACE:	51 (1.3381)
	BOTTOM:	51 (1.3381)
OXYGEN	SURFACE	7.0
	BOTTOM :	7.1
SECCHI DISK:		7 up and down
BOTTOM TYPE:		Seagrasses - nearby <i>Thalassia</i>
GRASS BLADE COUNT:		<i>Syringodium</i> 7, <i>Halodule</i> 4

**STATION 6 (#35)**

DATE:		11-20-82
TIME:		1235
COLOR:	Gray Green	
TIDE:		None

POLLUTION SOURCE: Boat traffic  
FRESH WATER SOURCE: Miami River  
DEPTH: 3.5  
TEMPERATURE SURFACE: 28.2  
BOTTOM: 280  
REFRACTOMETER SURFACE: 53 (1.3382)  
BOTTOM: 53 (1.3382)  
OXYGEN SURFACE: 7.2  
BOTTOM: 7.7  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Thalassia* 20

**STATION 7 (#39)**

DATE: 11-19-82  
TIME: 1025  
COLOR: Gray Green  
TIDE: None  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: None  
DEPTH: 13.0  
TEMPERATURE SURFACE: 28.7  
BOTTOM: 28.7  
REFRACTOMETER SURFACE: 52 (1.3382)  
BOTTOM: 52 (1.3382)  
OXYGEN SURFACE: 7.0  
BOTTOM: 6.5  
SECCHI DISK: 4 up and down  
BOTTOM TYPE: Bare mud  
GRASS BLADE COUNT: None

**STATION 8 (#41)**

DATE: 11-20-82  
TIME: 0950  
COLOR: Olive Green  
TIDE: None  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: None  
DEPTH: 7.0  
TEMPERATURE SURFACE: 27.9  
BOTTOM: 28.0  
REFRACTOMETER SURFACE: 51 (1.3380)  
BOTTOM: 51 (1.3380)  
OXYGEN SURFACE: 6.0  
BOTTOM: 6.2  
SECCHI DISK: 5 up and down  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Syringodium*

**STATION 9 (#42)**

DATE: 11-20-82  
TIME: 1150  
COLOR: Grey Green  
TIDE: None  
POLLUTION SOURCE: Residential  
FRESH WATER SOURCE: None  
DEPTH: 8.0  
TEMPERATURE SURFACE: 28.2  
BOTTOM: 28.2  
REFRACTOMETER SURFACE: 53 (1.3382)  
BOTTOM: 53 (1.3382)  
OXYGEN SURFACE: 6.5  
BOTTOM: 6.2  
SECCHI DISK: 6 up and down  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Halodule* 18

**STATION 10 (#44)**

DATE: 11-19-82  
TIME: 1430  
COLOR: Dark Olive Gray Green  
TIDE: None  
POLLUTION SOURCE: Residential  
FRESH WATER SOURCE: None  
DEPTH: 5.5  
TEMPERATURE SURFACE: 28.8  
BOTTOM: 28.7  
REFRACTOMETER SURFACE: 48 (1.3377)  
BOTTOM: 41 (1.3372)  
OXYGEN SURFACE: 6.8  
BOTTOM: 6.7  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: Scattered *Thalassia* and *Halophila*  
GRASS BLADE COUNT: *Halophila* 15

**STATION 11 (#47)**

DATE: 11-19-82  
TIME: 1315  
COLOR: Clear Olive Green  
TIDE: None  
POLLUTION SOURCE: None  
FRESH WATER SOURCE: None  
DEPTH: 5.5  
TEMPERATURE SURFACE: 28.3  
BOTTOM: 28.5  
REFRACTOMETER SURFACE: 51 (1.3381)  
BOTTOM: 51 (1.3381)  
OXYGEN SURFACE: 8.8  
BOTTOM: 9.1  
SECCHI DISK: BOTTOM

BOTTOM TYPE: *Halimeda* - nearby seagrasses  
GRASS BLADE COUNT: none

**STATION 12 (#48)**

DATE: 11-19-82  
TIME: 1215  
COLOR: Gray Green  
TIDE: None  
POLLUTION SOURCE: Residential area  
FRESH WATER SOURCE: Biscayne Waterway and Surprise Lake  
DEPTH: 6.0  
TEMPERATURE SURFACE: 28.3  
                  BOTTOM: 28.5  
REFRACTOMETER SURFACE: 50 (1.3380)  
                  BOTTOM: 50 (1.3381)  
OXYGEN SURFACE: 7.0  
          BOTTOM: 7.1  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Syringodium* 28

**STATION 13 (#54)**

DATE: 11-18-82  
TIME: 1440  
COLOR: Dark Olive Green  
TIDE: None  
POLLUTION SOURCE: Residential area  
PRESS WATER SOURCE: Biscayne Canal  
DEPTH: 5.5  
TEMPERATURE SURFACE: 28.5  
                  BOTTOM: 28.0  
REPRACTOMETER SURFACE: 30 (1.3360)  
                  BOTTOM: 58 (1.3387)  
OXYGEN SURFACE: 6.9  
          BOTTOM: 9.3  
SECCHI DISK: BOTTOM  
BOTTOM TYPE: *Syringodium* - some *Thalassia*  
GRASS BLADE COUNT: *Syringodium* 33

**STATION 14 (#58)**

DATE: 11-18-82  
TIME: 1340  
COLOR: Olive Green  
TIDE: None  
POLLUTION SOURCE: Intracoastal  
FRESH WATER SOURCE: Oleta River-New Arch Creek  
DEPTH: 4.0  
TEMPERATURE SURFACE: 28.8  
                  BOTTOM: 28.8  
REFRACTOMETER SURFACE: 49 (1.3379)  
                  BOTTOM: 51 (1.3381)

OXYGEN	SURFACE:	8.1
	BOTTOM:	6.9
SECCHI DISK:		BOTTOM
BOTTOM TYPE:		<i>Halodule</i>
GRASS BLADE COUNT:		<i>Halodule</i> 30
		<i>Halophila</i> 3

**STATION 15 (#60)**

DATE:		11-18-82
TIME:		1140
COLOR: Tanic Gray Green		
TIDE:		None
POLLUTION SOURCE:		Intracoastal-residential
FRESH WATER SOURCE:		land runoff
DEPTH: 6.5		
TEMPERATURE	SURFACE:	28.2
	BOTTOM:	27.9
REFRACTOMETER	SURFACE:	2.4 (1.3352)
	BOTTOM:	4.5 (1.3345)
OXYGEN	SURFACE:	10.6
	BOTTOM:	5.1
SECCHI DISK:		5 up and down
BOTTOM TYPE:		<i>Halophila</i>
GRASS BLADE COUNT:		<i>Halophila</i> 4



5.2.1.2. Quarter 2

**STATION 1 (#3)**

DATE: 3-3-83  
TIME: 1105  
COLOR: Clear  
TIDE: none  
POLLUTION SOURCE: Canal  
FRESH WATER SOURCE: Canal-runoff  
DEPTH: 3.5  
TEMPERATURE SURFACE: 20.9  
BOTTOM: 20.5  
REFRACTOMETER SURFACE: 13.2 (49)  
BOTTOM: 14.0  
OXYGEN SURFACE: 7.4  
BOTTOM: 7.6  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: seagrasses  
GRASS BLADE COUNT: *Thalassia* 22  
*Halodule* 5

**STATION 2 (#16)**

DATE: 3-3-83  
TIME: 1300  
COLOR: clear  
TIDE: none  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 9.0  
TEMPERATURE SURFACE: 21.0  
BOTTOM: 20.5  
REFRACTOMETER SURFACE.: 18.5 (65)  
BOTTOM: 19.0  
OXYGEN SURFACE: 7.9  
BOTTOM: 10.4  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: rock-sand

**STATION 3 (#22)**

DATE: 3-2-83  
TIME: 1005  
COLOR: turbid  
TIDE: none  
POLLUTION SOURCE: Snapper Creek  
FRESH WATER SOURCE: Snapper Creek  
DEPTH: 5.5  
TEMPERATURE SURFACE: 20.5  
BOTTOM: 20.4  
REFRACTOMETER SURFACE: 11.1 (42)

	BOTTOM:	12.0
OXYGEN	SURFACE:	7.3
	BOTTOM:	8.2
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		soft ooze

**STATION 4 (#23)**

DATE:		3-3-83
TIME:		1410
COLOR:	dull green	
TIDE:		none
POLLUTION SOURCE:		none
FRESH WATER SOURCE:		none
DEPTH:	13.0	
TEMPERATURE	SURFACE:	20.5
	BOTTOM:	20.4
REFRACTOMETER	SURFACE:	15.8 (57)
	BOTTOM:	16.1
OXYGEN	SURFACE:	8.0
	BOTTOM:	9.1
SECCHI DISK	DOWN:	8.0
	UP:	8.0
BOTTOM TYPE:		Seagrass
GRASS BLADE COUNT:		<i>Thalassia</i> 7

**STATION 5 (#29)**

DATE:		2-24-83
TIME:		1105
COLOR:	dark olive green	
TIDE:		light NW
POLLUTION SOURCE:		Dinner Key
FRESH WATER SOURCE:		none
DEPTH:	10.0	
TEMPERATURE	SURFACE:	21.0
	BOTTOM:	20.8
REFRACTOMETER	SURFACE:	14.5
	BOTTOM:	15.0
OXYGEN	SURFACE:	7.1
	BOTTOM:	8.1
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		Seagrass
GRASS BLADE COUNT:		<i>Halodule</i> 14

**STATION 6 (#35)**

DATE:		2-24-83
TIME:		1230
COLOR:	Green	
TIDE:		none
POLLUTION SOURCE:		urbanization

FRESH WATER SOURCE:	urban runoff, Miami River
DEPTH: 2.5	
TEMPERATURE	SURFACE: 22.5
	BOTTOM: 22.0
REFRACTOMETER	SURFACE: 15.0
	BOTTOM: 15.0
OXYGEN	SURFACE: 7.0
	BOTTOM: 7.4
SECCHI DISK	DOWN: bottom
	UP: bottom
BOTTOM TYPE:	Seagrass
GRASS BLADE COUNT:	<i>Thalassia</i> 27

**STATION 7 (#39)**

DATE:	2-24-83
TIME:	1345
COLOR: Grey-green	
TIDE:	none
POLLUTION SOURCE:	urbanization, lawn clippings
FRESH WATER SOURCE:	none
DEPTH.:	11.0
TEMPERATURE	SURFACE: 22.0
	BOTTOM: 21.5
REFRACTOMETER	SURFACE: 15.0
	BOTTOM: 15.8
OXYGEN	SURFACE: 5.0
	BOTTOM: 8.6
SECCHI DISK	DOWN: 7.0
	UP: 7.0
BOTTOM TYPE:	Mud

**STATION 8 (#41)**

DATE:	2-25-83
TIME:	1630
COLOR: turbid	
TIDE:	none
POLLUTION SOURCE:	urbanization
FRESH WATER SOURCE:	none
DEPTH: 6.0	
TEMPERATURE	SURFACE: 22.0
	BOTTOM: 22.0
REFRACTOMETER	SURFACE: 17.0
	BOTTOM: 17.3
OXYGEN	SURFACE: 5.0
	BOTTOM: 6.2
SECCHI DISK	DOWN: bottom
	UP: bottom
BOTTOM TYPE:	Seagrass
GRASS BLADE COUNT:	<i>Syringodium</i> 26

**STATION 9 (#42)**

DATE: 2-24-83  
TIME: 1440  
COLOR: gray-green  
TIDE: none  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 8.0  
TEMPERATURE SURFACE: 22.5  
BOTTOM: 22.0  
REFRACTOMETER SURFACE: 15.0  
BOTTOM: 15.0  
OXYGEN SURFACE: 8.2  
BOTTOM: 10.0  
SECCHI DISK DOWN: 7.0  
UP: 7.0  
BOTTOM TYPE: Seagrasses  
GRASS BLADE COUNT: *Halodule* 11  
*Halophila* 5

**STATION 10 (#44)**

DATE: 2-25-83  
TIME: 1545  
COLOR: murky-green  
TIDE: none  
POLLUTION SOURCE: urbanization  
FRESH WATER SOURCE: urban runoff  
DEPTH: 4.0.\nTEMPERATURE SURFACE: 23.2  
BOTTOM: 22.5  
REFRACTOMETER SURFACE: 16.5  
BOTTOM: 16.5  
OXYGEN SURFACE: 5.1  
BOTTOM: 5.0  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Bare with space patches of *Halophila*

**STATION 11 (#47)**

DATE: 2-25-83  
TIME: 1455  
COLOR: clear  
TIDE: none  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 4.0  
TEMPERATURE SURFACE: 22.6  
BOTTOM: 22.5  
REFRACTOMETER SURFACE: 15.0  
BOTTOM: 15.0  
OXYGEN SURFACE: 7.0

SECCHI DISK            BOTTOM:                    7.8  
                              DOWN:                    bottom  
                              UP:                        bottom  
BOTTOM TYPE:                    *Halimeda* with patches of *Syringodium*

**STATION 12 (#48)**

DATE:                                    2-25-83  
TIME:                                    1345  
COLOR: Green  
TIDE:                                    none  
POLLUTION SOURCE:                    urbanization, lawn clippings  
FRESH WATER SOURCE:                    Miami Beach  
DEPTH: 3.0  
TEMPERATURE            SURFACE:                    22.5  
    BOTTOM:                    22.5  
REFRACTOMETER        SURFACE:                    15.2  
    BOTTOM:                    15.2  
OXYGEN                    SURFACE:                    6.4  
    BOTTOM:                    7.0  
SECCHI DISK            DOWN:                    bottom  
    UP:                        bottom  
BOTTOM TYPE:                    Seagrasses  
GRASS BLADE COUNT:                    *Syringodium* 19  
    *Thalassia* 8

**STATION 13 (#54)**

DATE:                                    2-25-83  
TIME:                                    1235  
COLOR: Green  
TIDE:                                    none  
POLLUTION SOURCE:                    urbanization, canal  
FRESH WATER SOURCE:                    canal  
DEPTH: 5.0  
TEMPERATURE            SURFACE:                    22.5  
    BOTTOM:                    23.0  
REFRACTOMETER        SURFACE:                    16.0  
    BOTTOM:                    16.6  
OXYGEN                    SURFACE:                    5.2  
    BOTTOM:                    8.0  
SECCHI DISK            DOWN:                    bottom  
    UP:                        bottom  
BOTTOM TYPE:                    Seagrass  
GRASS BLADE COUNT:                    *Syringodium* 11

**STATION 14 (#58)**

DATE:                                    2-25-83  
TIME:                                    1115  
COLOR: Clear  
TIDE:                                    none  
POLLUTION SOURCE:                    none  
FRESH WATER SOURCE:                    none

DEPTH: 3.0  
 TEMPERATURE SURFACE: 21.7  
 BOTTOM: 22.5  
 REFRACTOMETER SURFACE: 16.2  
 BOTTOM: 18.4  
 OXYGEN SURFACE: 5.2  
 BOTTOM: 5.2  
 SECCHI DISK DOWN: bottom  
 UP: bottom  
 BOTTOM TYPE: Bare sand, patches *Halodule*  
 GRASS BLADE COUNT: *Halodule* 2

**STATION 15 (#60)**

DATE: 2-25-83  
 TIME: 1010  
 COLOR: Dark olive greenish brown  
 TIDE: none  
 POLLUTION SOURCE: Urbanization  
 FRESH WATER SOURCE: Land runoff  
 DEPTH: 6.0  
 TEMPERATURE SURFACE: 21.6  
 BOTTOM: 21.4  
 REFRACTOMETER SURFACE: 8.2  
 BOTTOM: 12.2  
 OXYGEN SURFACE: 8.4  
 BOTTOM: 5.6  
 SECCHI DISK DOWN: 4.0  
 UP: 14.0  
 BOTTOM TYPE: Sandy, *Halophila*  
 GRASS BLADE COUNT: *Halophila* 47

5.2.1.3. Quarter 3

**STATION 1 (#3)**

DATE: 5-27-83  
TIME: 1225  
COLOR: Green  
TIDE: none  
POLLUTION SOURCE: Canal  
FRESH WATER SOURCE: Canal, runoff  
DEPTH: 4.0  
TEMPERATURE SURFACE: 28.0  
BOTTOM: 28.8  
REFRACTOMETER SURFACE: (1.3401)  
BOTTOM: (1.3399)  
OXYGEN SURFACE: 5.0  
BOTTOM: 6.4  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Seagrasses  
GRASS BLADE COUNT: *Thalassia* 23  
*Halodule* 7

**STATION 2 (#16)**

DATE: 5-27-83  
TIME: 1106  
COLOR: Clear  
TIDE: none  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 10.0  
TEMPERATURE SURFACE: 28.0  
BOTTOM: 27.9  
REFRACTOMETER SURFACE: (1.3390)  
BOTTOM: (1.3390)  
OXYGEN SURFACE: 5.6  
BOTTOM: 8.9  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Bare

**STATION 3 (#22)**

DATE: 5-27-83  
TIME: 1340  
COLOR: Brownish  
TIDE: none  
POLLUTION SOURCE: Snapper Creek Canal  
FRESH WATER SOURCE: Snapper Creek Canal  
DEPTH: 4.0  
TEMPERATURE SURFACE: 29.4  
BOTTOM: 29.2  
REFRACTOMETER SURFACE: (1.3390)

OXYGEN                    BOTTOM:                   (1.3392)  
                              SURFACE:                 5.4  
SECCHI DISK               BOTTOM:                 6.5  
                              DOWN:                   bottom  
                              UP:                      bottom  
BOTTOM TYPE:             Bare

**STATION 4 (#23)**

DATE:                     5-27-83  
TIME:                     1000  
COLOR: Clear green  
TIDE:                     Light SE  
POLLUTION SOURCE:       none  
FRESH WATER SOURCE:     none  
DEPTH: 14.0  
TEMPERATURE             SURFACE:               27.8  
                              BOTTOM:                27.8  
REFRACTOMETER          SURFACE:               (1.3398)  
                              BOTTOM:                (1.3398)  
OXYGEN                   SURFACE:               8.9  
                              BOTTOM:                8.9  
SECCHI DISK              DOWN:                   bottom  
                              UP:                      bottom  
BOTTOM TYPE:             Seagrass  
GRASS BLADE COUNT:      *Thalassia* 10

**STATION 5 (#29)**

DATE:                     5-26-83  
TIME:                     1330  
COLOR: Greenish  
TIDE:                     none  
POLLUTION SOURCE:       Marina  
FRESH WATER SOURCE:     none  
DEPTH: 10.0  
TEMPERATURE             SURFACE:               28.8  
                              BOTTOM:                28.5  
REFRACTOMETER          SURFACE:               (1.3395)  
                              BOTTOM:                (1.3395)  
OXYGEN                   SURFACE:               6.5  
                              BOTTOM:                8.7  
SECCHI DISK              DOWN:                   bottom  
                              UP:                      bottom  
BOTTOM TYPE:             Seagrasses  
GRASS BLADE COUNT:      *Thalassia* 22  
                                  *Halodule* 8  
                                  *Syringodium* 6

**STATION 6 (#35)**

DATE:                     5-26-83  
TIME:                     1250  
COLOR: Greenish



TIDE: slight SE  
 POLLUTION SOURCE: urbanization  
 FRESH WATER SOURCE: Miami River?  
 DEPTH: 3.5  
 TEMPERATURE SURFACE: 28.5  
 BOTTOM: 28.4  
 REFRACTOMETER SURFACE: (1.3394)  
 BOTTOM: (1.3394)  
 OXYGEN SURFACE: 6.3  
 BOTTOM: 7.2  
 SECCHI DISK DOWN: bottom  
 UP: bottom  
 BOTTOM TYPE: Seagrass  
 GRASS BLADE COUNT: *Thalassia* 25

**STATION 7 (#39)**

DATE: 5-26-83  
 TIME: 1045  
 COLOR: Grey-green  
 TIDE: none  
 POLLUTION SOURCE: Urbanization  
 FRESH WATER SOURCE: none  
 DEPTH: 12.0  
 TEMPERATURE SURFACE: 28.2  
 BOTTOM: 27.5  
 REFRACTOMETER SURFACE: (1.3391)  
 BOTTOM: (1.3395)  
 OXYGEN SURFACE: 6.6  
 BOTTOM: 5.2  
 SECCHI DISK DOWN: 5.5  
 UP: 5.5  
 BOTTOM TYPE: Bare mud

**STATION 8 (#41)**

DATE: 5-25-83  
 TIME: 1525  
 COLOR: greenish  
 TIDE: none  
 POLLUTION SOURCE: urbanization  
 FRESH WATER SOURCE: none  
 DEPTH: 4.0  
 TEMPERATURE SURFACE: 29.5  
 BOTTOM: 29.0  
 REFRACTOMETER SURFACE: 14.5  
 BOTTOM: 15.0  
 OXYGEN SURFACE: 5.0  
 BOTTOM: 6.1  
 SECCHI DISK DOWN: bottom  
 UP: bottom  
 BOTTOM TYPE: Seagrass  
 GRASS BLADE COUNT: *Syringodium* 38

**STATION 9 (#42)**

DATE: 5-26-83  
TIME: 1130  
COLOR: Green  
TIDE: moderate to north  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: none  
DEPTH: 10.0  
TEMPERATURE SURFACE: 28.0  
BOTTOM: 27.8  
REFRACTOMETER SURFACE: (1.3393)  
BOTTOM: (1.3394)  
OXYGEN SURFACE: 5.4  
BOTTOM: 7.0  
SECCHI DISK DOWN: 5.5  
UP: 5.5  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Halophila* 2

**STATION 10 (#44)**

DATE: 5-25-83  
TIME: 1445  
COLOR: Grey-green  
TIDE: none  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: Canal, runoff  
DEPTH: 2.75  
TEMPERATURE SURFACE: 29.6  
BOTTOM: 29.4  
REFRACTOMETER SURFACE: 15.5 (1.3391)  
BOTTOM: 15.5  
OXYGEN SURFACE: 6.3  
BOTTOM: 6.4  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Filamentous algae

**STATION 11 (#47)**

DATE: 5-25-83  
TIME: 1345  
COLOR: Clear  
TIDE: none  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: none  
DEPTH: 3.0  
TEMPERATURE SURFACE: 29.4  
BOTTOM: 29.4  
REFRACTOMETER SURFACE: 15.2 (1.3393)  
BOTTOM: 15.2  
OXYGEN SURFACE: 7.6  
BOTTOM: 7.9

SECCHI DISK        DOWN:                bottom  
                         UP:                        bottom  
BOTTOM TYPE:                        *Halimeda* with patches dense *Syringodium*

**STATION 12 (#49)**

DATE:                                5-25-83  
TIME:                                1305  
COLOR: Grey-green  
TIDE:                                 none  
POLLUTION SOURCE:                Urbanization  
FRESH WATER SOURCE:              none  
DEPTH: 3.5  
TEMPERATURE SURFACE:            29.2  
                                      BOTTOM:                29.1  
REFRACTOMETER SURFACE:        14.0 (1.3392)  
                                      BOTTOM:               14.8  
OXYGEN SURFACE:                 6.4  
                                      BOTTOM:               7.4  
SECCHI DISK        DOWN:                bottom  
                         UP:                        bottom  
BOTTOM TYPE:                        Seagrasses  
GRASS BLADE COUNT:                *Syringodium* 16  
   *Thalassia* 14

**STATION 13 (#54)**

DATE:                                5-25-83  
TIME:                                1205  
COLOR: Greenish  
TIDE:                                 none  
POLLUTION SOURCE:                Urbanization, canal  
FRESH WATER SOURCE:              Canal, runoff  
DEPTH: 5.0  
TEMPERATURE SURFACE:            29.0  
                                      BOTTOM:               28.8  
REFRACTOMETER SURFACE:        14.8 (1.3398)  
                                      BOTTOM:               15.0  
OXYGEN SURFACE:                 5.6  
                                      BOTTOM:               9.6  
SECCHI DISK        DOWN:                bottom  
                         UP:                        bottom  
BOTTOM TYPE:                        Seagrass  
GRASS BLADE COUNT:                *Syringodium* 13

**STATION 14 (#58)**

DATE:                                5-25-83  
TIME:                                1050  
COLOR: Clear  
TIDE:                                 none  
POLLUTION SOURCE:                Urbanization, boat traffic  
FRESH WATER SOURCE:              none  
DEPTH: 3.5

TEMPERATURE	SURFACE:	27.9
	BOTTOM:	27.5
REFRACTOMETER	SURFACE:	130 (1.3398)
	BOTTOM:	13.5
OXYGEN	SURFACE:	5.8
	BOTTOM:	7.0
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		Mostly bare, some seagrass
GRASS BLADE COUNT:		<i>Halodule</i> 3

**STATION 15 (#60)**

DATE:		5-25-83
TIME:		1000
COLOR:		clear greenish brown
TIDE:		none
POLLUTION SOURCE:		Urbanization
FRESH WATER SOURCE:		Runoff
DEPTH:		6.0
TEMPERATURE	SURFACE:	27.8
	BOTTOM:	27.8
REFRACTOMETER	SURFACE:	14.8 (1.3391)
	BOTTOM:	14.9
OXYGEN	SURFACE:	7.5
	BOTTOM:	7.5
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		<i>Halophila</i>
GRASS BLADE COUNT:		<i>Halophila</i> 12

5.2.1.4. Quarter 4

**STATION 1 (#3)**

DATE: 9-2-83  
TIME: 1200  
COLOR: Green  
TIDE: none  
POLLUTION SOURCE: Canal  
PRESS WATER SOURCE: Canal, runoff  
DEPTH: 2.5  
TEMPERATURE SURFACE: 28.0  
BOTTOM: 28.0  
REFRACTOMETER SURFACE: (1.3388)  
BOTTOM: (1.3388)  
OXYGEN SURFACE: 3.5  
BOTTOM: 3.5  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Seagrasses  
GRASS BLADE COUNT: *Halodule* 33  
*Thalassia* 22

**STATION 2 (#16)**

DATE: 9-2-83  
TIME: 1025  
COLOR: Greenish  
TIDE: moderate to east  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 7.0  
TEMPERATURE SURFACE: 28.0  
BOTTOM: 28.0  
REFRACTOMETER SURFACE: (1.3392)  
BOTTOM: (1.3394)  
OXYGEN SURFACE: 4.0  
BOTTOM: 3.8  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: Bare, occasional *Thalassia*

**STATION 3 (#22)**

DATE: 9-2-83  
TIME: 133-0  
COLOR: Turbid  
TIDE: from canal  
POLLUTION SOURCE: Snapper Creek Canal  
FRESH WATER SOURCE: Snapper Creek Canal  
DEPTH: 3.0  
TEMPERATURE SURFACE: 26.5  
BOTTOM: 27.5  
REFRACTOMETER SURFACE: (1.3350)

OXYGEN           BOTTOM:           (1.3382)  
                  SURFACE:         3.0  
SECCHI DISK       BOTTOM:           3.0  
                  DOWN:           bottom  
                  UP:             bottom  
BOTTOM TYPE:       Bare with beer cans

**STATION 4 (#23)**

DATE:             9-2-83  
TIME:             0910  
COLOR: Clear greenish  
TIDE:             none  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 15.0  
TEMPERATURE      SURFACE:         27.5  
                  BOTTOM:         27.5  
REFRACTOMETER   SURFACE:         (1.3391)  
                  BOTTOM:         (1.3391)  
OXYGEN           SURFACE:         7.0  
                  BOTTOM:         7.0  
SECCHI DISK       DOWN:           14.0  
                  UP:             14.0  
BOTTOM TYPE:       Seagrass  
GRASS BLADE COUNT: *Thalassia* 16

**STATION 5 (#29)**

DATE:             9-1-83  
TIME:             0840  
COLOR: Greenish  
TIDE:             none  
POLLUTION SOURCE: Marina  
FRESH WATER SOURCE: none  
DEPTH: 10.5  
TEMPERATURE      SURFACE:         29.1  
                  BOTTOM:         29.2  
REFRACTOMETER   SURFACE:         (1.3390)  
                  BOTTOM:         (1.3390)  
OXYGEN           SURFACE:         8.4  
                  BOTTOM:         7.0  
SECCHI DISK       DOWN:           bottom  
                  UP:             bottom  
BOTTOM TYPE:       Seagrasses  
GRASS BLADE COUNT: *Halodule* 17  
                          *Syringodium* 5  
                          *Thalassia* 2

**STATION 6 (#35)**

DATE: 9-1-83  
TIME: 1340  
COLOR: Green  
TIDE: none  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: Miami River?  
DEPTH: 3.5  
TEMPERATURE SURFACE: 29.5  
                  BOTTOM: 29.5  
REFRACTOMETER SURFACE: (1.3390)  
                  BOTTOM: (1.3390)  
OXYGEN SURFACE: 8.0  
          BOTTOM: 8.0  
SECCHI DISK DOWN: bottom  
                  UP: bottom  
BOTTOM TYPE: Seagrass  
GRASS BLADE COUNT: *Thalassia* 30

**STATION 7 (#39)**

DATE: 9-1-83  
TIME: 0950  
COLOR: Grey-green  
TIDE: none  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: none  
DEPTH: 12.0  
TEMPERATURE SURFACE: 29.0  
                  BOTTOM: 29.0  
REFRACTOMETER SURFACE: (1.3381)  
                  BOTTOM: (1.3390)  
OXYGEN SURFACE: 6.0  
          BOTTOM: 9.0  
SECCHI DISK DOWN: 6.0  
                  UP: 6.0  
BOTTOM TYPE: Mud

**STATION 8 (#41)**

DATE: 9-1-83  
TIME: 1240  
COLOR: Green  
TIDE: none  
POLLUTION SOURCE: Urbanization  
FRESH WATER SOURCE: none  
DEPTH: 6.0  
TEMPERATURE SURFACE: 29.2  
                  BOTTOM: 29.1  
REFRACTOMETER SURFACE: (1.3388)  
                  BOTTOM: (1.3388)  
OXYGEN SURFACE: 8.0  
          BOTTOM: 9.0

SECCHI DISK        DOWN:                5.0  
                         UP:                        5.0  
BOTTOM TYPE:                        Seagrass  
GRASS BLADE COUNT:                *Syringodium* 55

**STATION 9 (#42)**

DATE:                                9-1-83  
TIME:                                1035  
COLOR: Green  
TIDE:                                 none  
POLLUTION SOURCE:                Urbanization  
FRESH WATER SOURCE:              none  
DEPTH: 9.0  
TEMPERATURE       SURFACE:                27.9  
    BOTTOM:                 28.0  
REFRACTOMETER   SURFACE:                (1.3384)  
    BOTTOM:                 (1.3384)  
OXYGEN                SURFACE:                6.0  
    BOTTOM:                 8.0  
SECCHI DISK        DOWN:                8.0  
    UP:                        8.0  
BOTTOM TYPE:                        *Halophila*, occasional *Syringodium*  
GRASS BLADE COUNT:                *Halophila* 73

**STATION 10 (#44)**

DATE:                                9-1-83  
TIME:                                1155  
COLOR: Green  
TIDE:                                 none  
POLLUTION SOURCE:                Urbanization  
FRESH WATER SOURCE:              none  
DEPTH: 4.5  
TEMPERATURE SURFACE:              29.2  
    BOTTOM:                 29.1  
REFRACTOMETER   SURFACE:                (1.3386)  
    BOTTOM:                 (1.3386)  
OXYGEN                SURFACE:                6.0  
    BOTTOM:                 8.0  
SECCHI DISK        DOWN:                bottom  
    UP:                        bottom  
BOTTOM TYPE:                        *Halophila*  
GRASS BLADE COUNT:                *Halophila* 115

**STATION 11 (#47)**

DATE:                                8-31-83  
TIME:                                1445  
COLOR: Slightly turbid  
TIDE:                                 none  
POLLUTION SOURCE:                none  
FRESH WATER SOURCE:              none  
DEPTH: 4.0



TEMPERATURE	SURFACE:	29.6
	BOTTOM:	29.8
REFRACTOMETER	SURFACE:	(1.3382)
	BOTTOM:	(1.3382)
OXYGEN	SURFACE:	5.0
	BOTTOM:	5.0
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		<i>Halimeda</i>

**STATION 12 (#48)**

DATE:		8-31-83
TIME:		1345
COLOR: Greenish		
TIDE:		none
POLLUTION SOURCE:		Urbanization
FRESH WATER SOURCE:		Canal
DEPTH: 5.0		
TEMPERATURE	SURFACE:	29.0
	BOTTOM:	28.9
REFRACTOMETER	SURFACE:	(1.3388)
	BOTTOM:	(1.3384)
OXYGEN	SURFACE:	4.5
	BOTTOM:	4.5
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		Seagrasses
GRASS BLADE COUNT:		<i>Syringodium</i> 43 <i>Halodule</i> 7

**STATION 13 (#54)**

DATE:		8-31-83
TIME:		1230
COLOR: Green		
TIDE:		none
POLLUTION SOURCE:		Urbanization
FRESH WATER SOURCE:		Canal
DEPTH: 5.0		
TEMPERATURE	SURFACE:	29.8
	BOTTOM:	29.8
REFRACTOMETER	SURFACE:	(1.3382)
	BOTTOM:	(1.3383)
OXYGEN	SURFACE:	4.7
	BOTTOM:	4.0
SECCHI DISK	DOWN:	bottom
	UP:	bottom
BOTTOM TYPE:		Seagrasses
GRASS BLADE COUNT:		<i>Syringodium</i> 23 <i>Thalassia</i> 3

**STATION 14 (#58)**

DATE: 8-31-83  
TIME: 1145  
COLOR: Clear  
TIDE: moderate from northeast  
POLLUTION SOURCE: none  
FRESH WATER SOURCE: none  
DEPTH: 3.5  
TEMPERATURE SURFACE: 29.8  
BOTTOM: 29.9  
REFRACTOMETER SURFACE: (1.3388)  
BOTTOM: (1.3398)  
OXYGEN SURFACE: 5.0  
BOTTOM: 5.0  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: generally bare, patches *Halophila*

**STATION 15 (#60)**

DATE: 8-31-83  
TIME: 1008  
COLOR: Grey-green  
TIDE: none  
POLLUTION SOURCE: Urbanization, boats  
FRESH WATER SOURCE: runoff  
DEPTH: 4.5  
TEMPERATURE SURFACE: 28.9  
BOTTOM: 29.0  
REFRACTOMETER SURFACE: (1.3349)  
BOTTOM: (1.3352)  
OXYGEN SURFACE: 5.5  
BOTTOM: 4.5  
SECCHI DISK DOWN: bottom  
UP: bottom  
BOTTOM TYPE: *Halophila*  
GRASS BLADE COUNT: *Halophila* 19

## 5.2.5. Plant Material Identified in Samples

### 5.2.5.1. Quarter 1

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 1 (#3)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	87.00	99.20	121.60	148.30	122.60	578.70	115.74	21.17
<i>Halodule wrightii</i>	0.00	1.80	0.01	0.30	1.20	3.31	0.66	0.72
<i>Anadyomene stellata</i>	0.00	0.00	0.00	0.80	0.00	0.80	0.16	0.32
<i>Digenea simplex</i>	11.00	24.00	2.50	13.10	4.30	54.90	10.98	7.62
<i>Halimeda incrassata</i>	4.90	0.00	4.00	3.50	4.40	16.80	3.36	1.74
<i>Laurencia poitei</i>	0.33	0.00	0.00	0.00	0.20	0.53	0.11	0.14
Total	103.23	125.00	128.11	166.00	132.70	655.04	131.01	524.42
Number of Species	4	3	4	5	5	21	4.20	0.75

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 2 (#16)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	30.70	8.60	0.00	103.70	17.80	160.80	32.16	37.19
<i>Avrainvillea</i> sp. indet.	0.00	2.00	0.00	0.00	0.00	2.00	0.40	0.80
<i>Cladophoropsis membranaceae</i>	0.00	0.00	46.80	0.00	0.00	46.80	9.36	18.72
<i>Dasycladus vermicularis</i>	0.00	0.00	0.00	2.10	6.20	8.30	1.66	2.41
<i>Dictyota cervicornis</i>	0.00	0.00	0.50	0.00	0.00	0.50	0.10	0.20
<i>Halimeda discoidea</i>	0.00	0.00	0.00	2.90	0.00	2.90	0.58	1.16
<i>Halimeda incrassata</i>	4.80	0.00	0.00	0.00	0.00	4.80	6.96	1.92
<i>Halimeda lacrimosa</i>	0.00	0.40	0.00	0.00	0.00	0.40	0.08	0.16
<i>Halimeda opuntia</i>	0.00	40.00	4.60	0.00	20.00	64.60	12.92	15.40
<i>Laurencia poitei</i>	1.80	0.00	0.00	5.20	0.00	7.00	1.40	2.02
Total	37.30	51.00	51.90	113.90	44.00	298.10	59.62	240.08
Number of Species	3	4	3	4	3	17	3.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 3 (#22)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0.	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 4 (#23)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	8.50	14.80	18.60	19.70	14.30	75.90	15.18	3.94
<i>Syringodium filiforme</i>	1.90	0.00	0.00	0.00	0.00	1.90	0.38	0.76
Total	10.40	14.80	18.60	19.70	14.30	77.80	15.56	62.33
Number of Species	2	1	1	1	1	6	1.20	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 5 (#29)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		11.70	8.00	3.70	10.90	19.90	54.20	10.84	5.33
<i>Syringodium filiforme</i>		0.00	14.10	11.90	18.40	16.30	60.70	12.14	6.45
<i>Caulerpa cupressoides</i>		0.70	0.00	0.00	0.00	0.00	0.70	0.14	0.28
Total		12.40	22.10	15.60	29.30	36.20	115.60	23.12	92.89
Number of Species		2	2	2	2	2	10	2.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 6 (#35)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>		60.90	76.10	52.20	76.20	209.00	474.40	94.88	57.79
Total		60.90	76.10	52.20	76.20	209.00	474.40	94.88	383.90
Number of species		1	1	1	1	1	5	1.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 7 (#39)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species		0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 8 (#41)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		1.10	0.00	0.00	0.00	0.00	1.10	0.22	0.44
<i>Syringodium filiforme</i>		29.50	44.50	37.70	65.40	40.90	218.00	43.60	11.97
Total		30.60	44.50	37.70	65.40	40.90	219.10	43.82	175.67
Number of Species		2	1	1	1	1	6	1.20	0.40

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 9 (#42)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		21.90	11.60	5.30	3.90	9.90	52.60	10.52	6.36
<i>Halophila baillonis</i>		0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
<i>Dictyota cervicornis</i>		0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Total		21.91	11.60	5.30	3.91	9.90	52.62	10.52	42.57
Number of Species		2	1	1	2	1	7	1.40	0.49

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 10 (#44)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halophila baillonis</i>		3.60	1.70	0.00	2.10	2.60	10.00	2.00	1.18
Total		3.60	1.70	0.00	2.10	2.60	10.00	2.00	8.09
Number of Species		1	1	0	1	1	4	0.80	0.40

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 11 (#47)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Acetabularia crenulata</i>		0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
<i>Halimeda opuntia</i>		318.50	260.00	315.20	255.00	168.00	1316.70	263.34	54.59
<i>Laurencia poitei</i>		1.50	2.30	4.20	0.50	0.40	8.90	1.78	1.40
Total		320.00	262.30	319.41	255.50	168.40	1325.61	265.12	1061.94
Number of Species		2	2	3	2	2	11	2.20	0.40

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 12 (#48)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>		33.10	17.50	43.20	43.90	45.90	183.60	36.72	10.59
<i>Dictyota cervicornis</i>		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		33.10	17.50	43.20	43.90	45.90	183.60	36.72	147.26
Number of Species		1	1	2	1	2	7	1.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 13 (#54)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>		95.30	49.00	54.90	36.80	49.00	285.00	57.00	20.04
<i>Laurencia poitei</i>		0.00	0.00	0.00	3.10	0.00	3.10	0.62	1.24
Total		95.30	49.00	54.90	39.90	49.00	288.10	57.62	231.30
Number of Species		1	1	1	2	1	6	1.20	0.40

Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 14 (#58)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		0.00	16.40	0.47	5.90	2.00	24.77	4.95	6.09
<i>Halophila baillonis</i>		2.40	1.03	3.70	4.60	3.60	15.33	3.07	1.24
Total		2.40	17.43	4.17	10.50	5.60	40.10	8.02	32.53
Number of Species		1	2	2	2	2	9	1.80	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
Plant Material Identified in Samples Collected During Phase II Quarter 1 at Station No. 15 (#60) [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m <sup>2</sup> ]									
<i>Halophila baillonis</i>		2.70	2.90	0.01	0.00	0.00	5.61	1.12	1.37
Total		2.70	2.90	0.01	0.00	0.00	5.61	1.12	4.69
Number of Species		1	1	1	0	0	3	0.60	0.49

5.2.5.2. Quarter 2

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 1 (#3)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	65.00	183.40	107.00	95.40	208.00	658.80	131.76	54.54
<i>Halodule wrightii</i>	54.30	19.70	9.20	59.50	0.00	142.70	28.54	24.04
<i>Acetabularia crenulata</i>	0.00	0.30	0.00	0.00	0.00	0.30	0.06	0.12
<i>Digenea simplex</i>	0.00	1.80	3.00	0.00	0.00	4.80	0.96	1.24
<i>Halimeda incrassata</i>	7.50	2.50	2.60	7.00	3.20	22.80	4.56	2.22
<i>Penicillus lamourouxiii</i>	5.50	4.20	3.80	5.70	4.90	24.10	4.82	0.73
Total	132.30	211.90	125.60	167.60	216.10	853.50	170.70	683.86
Number of species	4	6	5	4	3	22	4.40	1.02

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 2 (#16)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	53.70	78.60	9.20	55.00	10.80	207.30	41.46	27.18
<i>Amphiroa rigida</i>	0.00	0.00	0.00	0.20	0.00	0.20	0.04	0.08
<i>Anadyomene stellata</i>	0.00	0.00	0.00	0.40	0.00	0.40	0.08	0.16
<i>Dasycladus vermicularis</i>	9.50	5.90	0.80	13.90	1.50	31.60	6.32	4.93
<i>Dictyosphaeria cavernosa</i>	1.40	3.70	0.00	0.00	0.00	5.10	1.02	1.45
<i>Halimeda discoidea</i>	1.60	4.40	5.80	0.00	0.00	11.80	2.36	2.35
<i>Halimeda opuntia</i>	64.10	39.60	43.10	20.60	73.20	240.60	48.12	18.65
<i>Udotea</i> sp. indet.	0.60	0.00	0.00	0.00	0.00	0.60	0.12	0.24
Total	130.90	132.20	58.90	90.10	85.50	497.60	99.52	399.08
Number of Species	6	5	4	5	3	23	4.60	1.02

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 3 (#22)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
Number of species	0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 4 (#23)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	36.10	65.50	75.60	99.60	80.10	356.90	71.38	20.83
<i>Udotea</i> sp. indet.	1.40	0.00	0.00	0.00	0.00	1.40	0.28	0.56
Total	37.50	65.50	75.60	99.60	80.10	358.30	71.66	287.36
Number of Species	2	1	1	1	1	6	1.20	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 5 (#29)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	0.00	4.20	0.00	0.00	0.00	0.00	4.20	0.84	1.68
<i>Halodule wrightii</i>	0.00	14.60	10.10	18.60	7.90	7.90	51.20	10.24	6.31
<i>Syringodium filiforme</i>	0.00	0.00	0.00	7.30	3.80	3.80	11.10	2.22	2.94
<i>Halimeda incrassata</i>	0.00	0.80	3.40	0.00	0.80	0.80	5.00	1.00	1.25
Total	0.00	19.60	13.50	25.90	12.50	12.50	71.50	14.30	57.85
Number of Species	0	3	2	2	3	3	10	2.00	1.10

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 6 (#35)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	62.20	33.70	56.10	64.10	62.10	62.10	278.20	55.64	11.30
<i>Dictyota cervicornis</i>	0.00	0.00	0.40	0.00	0.00	0.00	0.40	0.08	0.16
Total	62.20	33.70	56.50	64.10	62.10	62.10	278.60	55.72	223.17
Number of Species	1	1	2	1	1	1	6	1.20	0.40

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 7 (#39)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0	0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 8 (#41)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>	32.30	23.90	48.30	28.20	39.20	39.20	171.90	34.38	8.59
<i>Amphiroa rigida</i>	0.10	0.40	0.20	0.00	0.00	0.00	0.70	0.14	0.15
Total	32.40	24.30	48.50	28.20	39.20	39.20	172.60	34.52	138.34
Number of Species	2	2	2	1	1	1	8	1.60	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 9 (#42)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	3.70	0.00	0.00	2.10	0.30	0.30	6.10	1.22	1.47
<i>Halophila baillonis</i>	5.80	0.00	4.80	0.00	0.00	0.00	10.60	2.12	2.62
<i>Dictyota cervicornis</i>	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.04
Total	9.60	0.00	4.80	2.10	0.30	0.30	16.80	3.36	13.90
Number of Species	3	0	1	1	1	1	6	1.20	0.98



Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 10 (#44)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	0.00	4.40	0.00	0.00	0.00	0.00	4.40	0.88	1.76
<i>Udotea</i> sp. indet.	0.00	3.00	0.00	0.00	0.00	0.00	3.00	0.60	1.20
Total	0.00	7.40	0.00	0.00	0.00	0.00	7.40	1.48	6.62
Number of Species	0	2	0	0	0	0	2	0.40	0.80

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 11 (#47)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.04
<i>Acetabularia crenulata</i>	0.30	0.10	0.10	0.10	0.10	0.10	0.70	0.14	0.08
<i>Amphiroa rigida</i>	0.30	0.00	0.00	0.00	0.00	0.00	0.30	0.06	0.12
<i>Halimeda incrassata</i>	16.20	3.90	0.00	24.90	0.00	0.00	45.00	9.00	9.93
<i>Halimeda opuntia</i>	105.00	83.80	342.40	651.60	293.50	0.00	1476.30	295.26	205.00
<i>Laurencia poitei</i>	0.00	3.20	0.60	0.00	0.00	0.00	3.20	0.64	1.28
Total	121.90	91.00	342.50	676.60	293.60	0.00	1525.60	305.12	1238.29
Number of Species	5	4	2	3	2	0	16	3.20	1.17

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 12 (#48)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	64.10	64.40	0.00	54.80	0.00	0.00	183.30	36.66	30.13
<i>Halodule wrightii</i>	10.60	0.00	0.00	0.00	0.00	0.00	10.60	2.12	4.24
<i>Syringodium filiforme</i>	21.20	27.70	41.40	0.00	0.00	0.00	90.30	18.06	16.12
<i>Laurencia poitei</i>	0.70	0.00	0.00	0.00	0.00	0.00	0.70	0.14	0.28
Total	96.66	92.10	41.40	54.80	0.00	0.00	284.90	56.98	230.67
Number of Species	4	2	1	1	0	0	8	1.60	1.36

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 13 (#54)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	0.00	0.00	2.80	0.00	0.00	0.00	2.80	0.56	1.12
<i>Syringodium filiforme</i>	140.60	86.20	66.30	1.30	112.30	0.00	406.70	81.34	47.17
Total	140.60	86.20	69.10	1.30	112.30	0.00	409.50	81.90	330.96
Number of Species	1	1	2	1	1	0	6	1.20	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 14 (#58)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		0.00	0.00	0.00	2.50	0.00	2.50	0.50	1.00
<i>Syringodium filiforme</i>		7.80	0.00	0.00	0.00	0.00	7.80	1.56	3.12
Total		7.80	0.00	0.00	2.50	0.00	10.30	2.06	8.78
Number of Species		1	0	0	1	0	2	0.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 2 at Station No. 15 (#60)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		0.00	0.70	0.00	0.00	0.00	0.70	0.14	0.28
<i>Halophila baillonis</i>		1.00	2.30	2.60	6.60	1.50	14.00	2.80	1.98
Total		1.00	3.00	2.60	6.60	1.50	14.70	2.94	11.92
Number of Species		1	2	1	1	1	6	1.20	0.40

5.2.5.3. Quarter 3

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 1 (#3)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
<i>Thalassia testudinum</i>		39.70	65.50	36.70	95.20	58.20	295.30	59.06	21.09
<i>Halodule wrightii</i>		9.80	0.00	51.30	16.70	41.10	118.90	23.78	19.33
<i>Acetabularia crenulata</i>		0.00	0.20	0.00	0.00	0.00	0.20	0.04	0.08
<i>Digenea simplex</i>		0.00	1.60	0.00	2.40	0.00	4.00	0.80	1.01
<i>Halimeda incrassata</i>		14.70	2.70	0.00	0.00	0.00	17.40	3.48	5.71
<i>Halimeda monile</i>		0.00	1.30	4.90	5.10	0.60	11.90	2.38	2.18
<i>Penicillus capitatus</i>		3.10	3.70	0.00	1.40	0.00	8.20	1.64	1.54
<i>Rhipocephalus phoenix</i>		0.00	0.90	0.00	0.00	0.00	0.90	0.18	0.36
Total		67.30	75.90	92.90	120.80	99.90	456.80	91.36	365.92
Number of Species		4	7	3	5	3	22	4.40	1.50

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 2 (#16)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>		18.80	0.00	0.00	0.00	0.00	18.80	3.76	7.52
<i>Amphiroa fragilissima</i>		0.00	0.00	0.00	105.40	281.70	387.10	77.42	110.00
<i>Avrainvillea</i> sp. indet.		3.00	0.00	0.00	0.00	0.00	3.00	0.60	1.20
<i>Dasycladus vermicularis</i>		20.70	1.50	0.00	0.00	0.00	22.20	4.44	8.15
<i>Halimeda discoidea</i>		4.60	2.50	0.00	1.80	3.50	12.40	2.48	1.56
<i>Halimeda opuntia</i>		0.00	14.90	0.00	0.00	0.00	14.90	2.98	5.96
<i>Udotea</i> sp. indet.		0.00	1.50	0.00	0.00	0.00	1.50	0.30	0.60
Total		47.10	20.40	0.00	107.20	285.20	459.90	91.98	382.10
Number of Species		4	4	0	2	2	12	2.40	1.50

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 3 (#22)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species		0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 4 (#23)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>		57.60	57.90	97.00	46.50	98.20	359.20	71.84	21.31
Total		57.60	57.90	97.00	46.50	98.20	359.20	71.84	288.15
Number of Species		1	1	1	1	1	5	1.00	0.00

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 5 (#29)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	0.00	4.20	0.00	0.00	0.00	0.00	4.20	0.84	1.68
<i>Halodule wrightii</i>	0.00	14.60	10.10	18.60	7.90	7.90	51.20	10.24	6.31
<i>Syringodium filiforme</i>	0.00	0.00	0.00	7.30	3.80	3.80	11.10	2.22	2.94
<i>Halimeda incrassata</i>	0.00	0.80	3.40	0.00	0.80	0.80	5.00	1.00	1.25
Total	0.00	19.60	13.50	25.90	12.50	12.50	71.50	14.30	57.85
Number of Species	0	3	2	2	3	3	10	2.00	1.10

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 6 (#35)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	97.50	64.50	216.20	132.10	168.10	168.10	678.40	135.68	53.05
Total	97.50	64.50	216.20	137.10	168.10	168.10	678.40	135.68	545.31
Number of Species	1	1	1	2	1	1	5	1.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 7 (#39)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0	0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 8 (#41)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>	32.00	49.20	48.50	43.30	23.30	23.30	196.30	39.26	10.08
Total	32.00	49.20	48.50	43.30	23.30	23.30	196.30	39.26	157.36
Number of Species	1	1	1	1	1	1	5	1.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 9 (#42)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halophila baillonis</i>	0.00	0.00	0.10	0.00	0.00	0.00	0.10	0.02	0.04
Total	0.00	0.00	0.10	0.00	0.00	0.00	0.10	0.02	0.09
Number of Species	0	0	1	0	0	0	1	0.20	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 10 (#44)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		0.00	0.20	0.00	0.00	0.00	0.20	0.04	0.08
<i>Halophila baillonis</i>		12.60	51.50	11.20	0.00	2.30	77.60	15.52	18.64
Total		12.60	51.70	11.20	0.00	2.30	77.80	15.56	64.99
Number of Species		1	2	1	0	1	5	1.00	0.63

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 11 (#47)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>		1.50	0.00	0.00	0.00	0.00	1.50	0.30	0.60
<i>Acetabularia crenulata</i>		2.00	1.20	0.00	1.20	0.10	4.50	0.90	0.75
<i>Halimeda opuntia</i>		409.40	330.50	148.20	140.40	168.90	1197.40	239.48	109.81
<i>Laurencia poitei</i>		13.70	0.30	0.20	1.10	0.00	15.30	3.06	5.33
Total		426.60	332.00	148.40	142.70	169.00	1218.70	243.74	981.72
Number of Species		4	3	2	3	2	14	2.80	0.75

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 12 (#48)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>		171.20	78.70	78.00	56.30	66.00	450.20	90.04	41.42
<i>Syringodium filiforme</i>		39.00	34.20	55.90	55.50	39.90	224.50	44.90	9.03
<i>Dictyota cervicornis</i>		0.00	0.00	0.00	0.10	0.00	0.10	0.02	0.04
<i>Halimeda opuntia</i>		0.00	0.00	0.00	0.00	12.20	12.20	2.44	4.88
<i>Laurencia poitei</i>		0.00	0.00	0.40	0.00	0.00	0.40	0.08	0.16
Total		210.20	112.90	134.30	111.90	118.10	687.40	137.48	551.18
Number of Species		2	2	3	3	3	13	2.60	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 13 (#54)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>		73.80	93.20	82.10	77.20	98.40	424.70	84.94	9.40
<i>Amphiroa rigida</i>		18.80	7.60	12.20	15.50	0.00	54.10	10.82	6.56
Total		92.60	100.80	94.30	92.70	98.40	478.80	95.76	383.05
Number of Species		2	2	2	2	1	9	1.80	0.40

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 14 (#58)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>		0.00	0.00	0.00	9.30	3.10	12.40	2.48	3.62
<i>Syringodium filiforme</i>		15.30	21.50	21.10	7.00	14.60	79.50	15.90	5.29
Total		15.30	21.50	21.10	16.30	17.70	91.90	18.38	73.56
Number of Species		1	1	1	2	2	7	1.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 3 at Station No. 15 (#60)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halophila baillonis</i>		0.00	0.00	2.50	0.00	5.80	8.30	1.66	2.29
Total		0.00	0.00	2.50	0.00	5.80	8.30	1.66	7.02
Number of Species		0	0	1	0	1	2	0.40	0.49

5.2.5.4. Quarter 4

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 1 (#3)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	59.10	0.00	26.00	39.70	19.60	144.40	28.88	19.79
<i>Halodule wrightii</i>	3.90	0.00	3.50	1.30	7.50	16.20	3.24	2.57
<i>Acetabularia crenulata</i>	0.10	0.00	0.00	0.03	0.20	0.33	0.07	0.08
<i>Digenea simplex</i>	8.60	0.00	0.00	1.70	5.50	15.80	3.16	3.38
<i>Halimeda incrassata</i>	4.50	0.00	0.00	0.00	5.70	10.20	2.04	2.53
<i>Halimeda monile</i>	0.00	0.00	0.90	2.80	0.00	3.70	0.74	1.00
<i>Laurencia poitei</i>	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.01
<i>Penicillus capitatus</i>	6.10	0.00	4.90	0.40	1.10	12.50	2.50	2.50
<i>Penicillus lamourouxiii</i>	0.00	0.00	2.50	0.00	8.20	10.70	2.14	3.18
Total	82.30	0.00	37.80	45.95	47.80	213.85	42.77	173.09
Number of Species	6	0	5	7	7	25	5.00	2.61

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 2 (#16)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	33.80	0.00	0.00	0.00	0.80	34.60	6.92	13.44
<i>Amphiroa rigida</i>	0.40	0.00	0.00	0.00	0.00	0.40	0.08	0.16
<i>Anadyomene stellata</i>	0.10	0.00	0.00	0.00	0.00	0.10	0.02	0.04
<i>Dasycladus vermicularis</i>	6.60	0.00	0.00	0.00	0.20	6.80	1.36	2.62
<i>Digenea simplex</i>	0.20	0.00	0.00	0.00	0.00	0.20	0.04	0.08
<i>Halimeda discoidea</i>	1.50	0.00	0.00	0.00	3.80	5.30	1.06	1.49
<i>Halimeda opuntia</i>	15.30	0.00	0.00	0.00	28.30	43.60	8.72	11.44
Total	57.90	0.00	0.00	0.00	33.10	91.00	18.20	76.54
Number of Species	7	0	0	0	4	11	2.20	2.86

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 3 (#22)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 4 (#23)  
[Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	88.30	0.00	81.70	57.40	0.00	227.40	45.48	38.53
<i>Digenea simplex</i>	0.00	118.60	0.00	0.00	38.20	156.80	31.36	46.06
Total	88.30	118.60	81.70	57.40	38.20	384.20	76.84	308.58
Number of Species	1	1	1	1	1	5	1.00	0.00

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 5 (#29)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	10.10	0.00	0.50	0.00	0.00	0.00	10.60	2.12	3.99
<i>Halodule wrightii</i>	0.00	2.00	6.70	0.00	7.40		16.10	3.22	3.22
<i>Syringodium filiforme</i>	15.60	5.20	0.00	0.00	5.50		26.30	5.26	5.70
<i>Halimeda incrassata</i>	0.00	0.30	0.00	0.00	0.00		0.30	0.06	0.12
<i>Laurencia poitei</i>	0.10	0.00	0.00	0.00	0.00		0.10	0.02	0.04
Total	25.80	7.50	7.20	0.00	12.90		53.40	10.68	43.58
Number of Species	3	3	2	0	2		10	2.00	1.10

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 6 (#35)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	0.00	89.70	0.00	0.00	113.00		202.70	40.54	50.19
Total	0.00	89.70	0.00	0.00	113.00		202.70	40.54	169.75
Number of Species	0	1	0	0	1		2	0.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 7 (#39)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
Number of Species	0	0	0	0	0		0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 8 (#41)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Syringodium filiforme</i>	51.40	0.00	0.00	0.00	62.50		113.90	22.78	28.12
Total	51.40	0.00	0.00	0.00	62.50		113.90	22.78	95.36
Number of Species	1	0	0	0	1		2	0.40	0.49

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 9 (#42)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	0.00	0.10	0.00	0.90	0.00		1.00	0.20	0.35
<i>Syringodium filiforme</i>	0.00	0.00	45.90	0.00	0.00		45.90	9.18	18.36
<i>Halophila baillonis</i>	0.00	0.00	0.00	1.30	5.00		6.30	1.26	1.94
<i>Laurencia poitei</i>	0.00	0.00	0.00	0.00	0.20		0.20	0.04	0.08
Total	0.00	0.10	45.90	2.20	5.20		53.40	10.68	46.25
Number of Species	0	1	1	2	2		6	1.20	0.75



Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
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Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 10 (#44)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	76.90	0.00	0.00	0.00	0.00	0.00	76.90	15.38	30.76
<i>Syringodium filiforme</i>	0.00	29.50	0.00	0.00	0.00	0.00	29.50	5.90	11.80
<i>Halophila baillonis</i>	0.00	4.70	6.50	8.10	0.00	0.00	19.30	3.86	3.33
<i>Laurencia poitei</i>	0.00	0.00	0.60	0.00	0.00	0.00	0.60	0.12	0.24
Total	76.90	34.20	7.10	8.10	0.00	0.00	126.30	25.26	104.93
Number of Species	1	2	2	1	0	0	6	1.20	0.75

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 11 (#47)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0	0	0	0	0	0	0	0.00	0.00

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 12 (#48)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Halodule wrightii</i>	0.00	21.00	0.00	0.00	0.00	0.00	21.00	4.20	8.40
<i>Syringodium filiforme</i>	0.00	12.40	77.30	51.20	89.20	230.10	46.02	34.98	
<i>Laurencia poitei</i>	0.00	0.00	0.00	0.20	0.40	0.60	0.12	0.16	
Total	0.00	33.40	77.30	51.40	89.60	251.70	50.34	203.87	
Number of Species	0	2	1	2	2	7	1.40	0.80	

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 13 (#54)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

<i>Thalassia testudinum</i>	4.90	48.10	0.00	0.50	63.70	117.20	23.44	27.01	
<i>Halodule wrightii</i>	0.00	0.00	0.00	1.20	0.00	1.20	0.24	0.48	
<i>Syringodium filiforme</i>	37.70	11.30	0.00	23.10	14.40	86.50	17.30	12.60	
Total	42.60	59.40	0.00	24.80	78.10	204.90	40.98	166.14	
Number of Species	2	2	0	3	2	9	1.80	0.98	

Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 14 (#58)  
 [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m<sup>2</sup>]

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Number of Species	0	0	0	0	0	0	0	0.00	0.00

Plant	Sample no.	1	2	3	4	5	Total	Mean	Std-Dev.
Plant Material Identified in Samples Collected During Phase II Quarter 4 at Station No. 15 (#60) [Grams wet-weight per Petit Ponar dredge sample (6 in x 6 in) - Grams/0.023 m <sup>2</sup> ]									
<i>Halodule wrightii</i>		0.00	0.00	0.00	1.40	0.00	1.40	0.28	0.56
<i>Halophila baillonis</i>			0.00	1.60	0.70	0.00	2.30	0.46	0.63
Total		0.00	0.00	1.60	2.10	0.00	3.70	0.74	3.10
Number of Species		0	0	1	2	0	3	0.60	0.80

## 5.2.6. Benthic Organisms Collected During Phase II

### 5.2.6.1. Quarter 1

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 1 (#3). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Paracerceis caudata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	43	0.31
Tunicate		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.16
Turbellaria		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	33	0.47
Nemertina		0	55	0	2	0	57	11.40	21.81	41.74	0.00-38.48	2	8.92
Nematoda		0	13	0	0	0	13	2.60	5.20	10.40	0.00-9.05	14	2.03
Sipunculida sp. A		2	1	0	1	0	4	0.80	0.75	0.70	0.00-1.72	31	0.63
Myodocopa spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	44	0.31
Penaeidae post larva		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.16
<i>Thor floridanus</i>		0	4	6	0	0	10	2.00	2.53	3.20	0.00-5.14	17	1.56
<i>Thor</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.16
Insect larva		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.16
<i>Amphilocheus neopolitanus</i>		0	18	0	1	0	19	3.80	7.11	13.31	0.00-12.62	10	2.97
<i>Cymadusa compta</i>		10	0	9	0	0	19	3.80	4.66	5.73	0.00-9.59	11	2.97
<i>Cymadusa filosa</i>		0	15	0	10	0	25	5.00	6.32	8.00	0.00-12.85	8	3.91
<i>Dulichchiella appendiculata</i>		11	21	12	2	0	46	9.20	7.57	6.23	0.00-18.60	3	7.20
<i>Elasmopus laevis</i>		12	1	11	0	2	26	5.20	5.19	5.18	0.00-11.64	7	4.07
<i>Elasmopus rapax</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.16
<i>Grandidierella bonnieroides</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	34	0.47
<i>Lysianassa alba</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.31
Isopoda		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	59	0.16
Capibellidae		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	35	0.47
Cirratulidae		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	36	0.47
Dorvilleidae		0	3	0	5	0	8	1.60	2.06	2.65	0.00-4.15	23	1.25
Eunicidae		0	2	0	3	0	5	1.00	1.26	1.60	0.00-2.57	29	0.78
Maldanidae		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	46	0.31
Nereidae		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	47	0.31
Orbiniidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.16
Paraonidae		1	2	0	3	0	6	1.20	1.17	1.13	0.00-2.64	28	0.94
Pilargidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.16
Sabellidae		0	9	0	0	0	8	1.60	3.20	6.40	0.00-5.57	24	1.25
Serpulidae		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	48	0.31
Spionidae		1	4	3	2	2	12	2.40	1.02	0.43	1.13-3.66	15	1.88
Syllidae		1	50	5	6	2	64	12.80	18.69	27.29	0.00-36.00	1	10.02
Terebellidae		0	6	1	0	0	7	1.40	2.33	3.89	0.00-4.29	26	1.10
Oligochaeta		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	49	0.31
<i>Acanthochitona spiculosa</i>		0	7	2	2	3	14	2.80	2.32	1.91	0.00-5.67	13	2.19
<i>Bittium varium</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.16

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 1 (#3)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Brachidontes exustus</i>		3	13	3	1	2	22	4.40	4.36	4.33	0.00-9.81	9	3.44
<i>Caecum pulchellum</i>		1	6	1	0	2	10	2.00	2.10	2.20	0.00-4.60	18	1.56
<i>Carditamera floridana</i>		0	11	0	0	0	11	2.20	4.40	8.80	0.00-7.66	16	1.72
<i>Cerithium litteratum</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	37	0.47
<i>Cerithium muscarum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.16
<i>Chione cancellata</i>		0	0	3	3	4	10	2.00	1.67	1.40	0.00-4.07	19	1.56
<i>Conus jaspideus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.16
<i>Granulina ovuliformis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.16
<i>Ischnochiton papillosus</i>		5	11	5	3	6	30	6.00	2.68	1.20	2.67-9.33	5	4.69
<i>Marginella apicina</i>		1	0	1	4	1	7	1.40	1.36	1.31	0.00-3.08	27	1.10
<i>Modulus modulus</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	38	0.47
<i>Odostomia</i> sp. B		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	50	0.31
<i>Rissoina catesbyana</i>		0	29	0	0	0	29	5.80	11.60	23.20	0.00-20.20	6	4.54
<i>Turbonilla</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.16

POLYCHAETES

<i>Haploscoloplos foliosus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.16
<i>Aricidea fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.16
<i>Aricidea</i> cf. <i>taylori</i>		0	2	0	3	0	5	1.00	1.26	1.60	0.00-2.57	30	0.78
<i>Prionospio cristata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.16
<i>Prionospio heterobranchia</i>		0	2	3	2	2	9	1.80	0.98	0.53	0.58-3.01	21	1.41
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	70	0.16
<i>Scyphoproctus platyproctus</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	39	0.47
<i>Asychis elongata</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	40	0.47
<i>Podarke obscura</i>		2	2	5	6	1	16	3.20	1.94	1.18	0.79-5.60	12	2.50
<i>Pilargis</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.16
<i>Branchiosyllis oculata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.16
<i>Brania</i> sp. A		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	32	0.63
<i>Ehlersia</i> sp. A		0	6	1	2	1	10	2.00	2.10	2.20	0.00-4.60	20	1.56
<i>Exogone dispar</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	51	0.31
<i>Typosyllis</i> sp. A		1	36	1	3	1	42	8.40	13.82	22.74	0.00-25.55	4	6.57
<i>Typosyllis</i> sp. M		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.16
<i>Typosyllis</i> sp. O		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	52	0.31
<i>Ceratonereis mirabilis</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	41	0.47
<i>Lysidice ninetta</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	53	0.31
<i>Marphysa sanguinea</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	42	0.47
<i>Schistomeringos rudolphi</i>		0	3	1	5	0	9	1.80	1.94	2.09	0.00-4.20	22	1.41

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 1 (#3)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>cf. Pista palmata</i>		0	7	0	0	1	8	1.60	2.73	4.65	0.00-4.98	25	1.25
<i>Polycirrus carolinensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.16
<i>Hydroides dianthus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.16

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		64	366	86	86	37	639	127.80	120.46	113.53
Number of taxa		21	46	28	32	20	147	29.40	9.41	
Shannon-Weaver H' (log 10)		1.12	1.34	1.28	1.41	1.22	1.55	1.27	0.10	
Dominance (1 - Simpson Index)		0.91	0.93	0.94	0.96	0.95	0.96	0.94	0.01	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Niphatés erecta</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	141	0.07
<i>Chondrilla nucula</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	181	0.03
<i>Darwinella</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	182	0.03
<i>Carpías stylodactylus</i>		4	6	0	7	3	20	4.00	2.45	1.50	0.96-7.04	33	0.67
<i>Paracerceis caudata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	142	0.07
<i>Limopsis platycaudata</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	117	0.10
Amphipod		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	143	0.07
Anthozoa		3	1	2	0	0	6	1.20	1.17	1.13	0.00-2.64	73	0.20
Turbellaria		4	3	3	3	3	16	3.20	0.40	0.05	2.70-3.69	38	0.54
Nemertina		43	0	0	66	22	131	26.20	25.52	24.86	0.00-57.88	4	4.39
Nematoda		81	0	0	36	29	146	29.20	29.78	30.38	0.00-66.17	3	4.89
<i>Cumacea</i> sp. B		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	144	0.07
<i>Cumacea</i> sp. K		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	145	0.07
<i>Cumacea</i> sp. L		0	2	0	4	1	7	1.40	1.50	1.60	0.00-3.25	67	0.23
<i>Cumacea</i> sp. M		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	118	0.10
<i>Harpachoida</i> sp.		12	1	0	6	10	29	5.80	4.75	3.89	0.00-11.69	23	0.97
<i>Myodocopa</i> spp.		3	4	0	2	3	12	2.40	1.36	0.77	0.72-4.08	46	0.40
<i>Podocopa</i> spp.		1	4	0	0	5	10	2.00	2.10	2.20	0.00-4.60	52	0.33
<i>Mysida</i> juvenile		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	146	0.07
<i>Heteromysis</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	183	0.03
<i>Monokonophora</i> sp.		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	89	0.13
<i>Kalliapseudes</i> n. sp. A		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	147	0.07
<i>Dikonophora</i> sp.		11	5	3	9	13	41	8.20	3.71	1.68	3.59-12.80	16	1.37
<i>Metapenaeopsis goodei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	184	0.03
<i>Palaemonidae</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	185	0.03
<i>Periclimenes americanus</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	119	0.10
<i>Alpheides</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	186	0.03
<i>Alpheus</i> sp. A		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	148	0.07
<i>Alpheus armillatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	187	0.03
<i>Alpheus normanni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	188	0.03
<i>Latreutes fucorum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	189	0.03
<i>Thor floridanus</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	149	0.17
<i>Processa</i> sp.		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	120	0.10
<i>Paguristes</i> juvenile		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	190	0.03
<i>Paguristes invisissacculus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	191	0.03
<i>Paguristes tortugae</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	150	0.07
Insect larva		1	0	0	9	5	15	3.00	3.52	4.13	0.00-7.37	39	0.50
Pycnogonida		0	1	0	4	5	10	2.00	2.10	2.20	0.00-4.60	53	0.33

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Ceradocus sheardi</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	90	0.13
<i>Ceradocus shoemakeri</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	151	0.07
<i>Ceradomaera n. sp.</i>		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	91	0.13
<i>Elasmopus n. sp.</i>		2	0	50	41	22	115	23.00	20.12	17.60	0.00-47.97	5	3.85
<i>Heterophlias seclusus</i>		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	92	0.13
<i>Lembos spinicarpus</i>		0	2	2	0	2	6	1.20	0.98	0.80	0.00-2.41	74	0.20
<i>Leucothoe spinicarpa</i>		0	21	0	3	0	24	4.80	8.18	13.95	0.00-14.95	28	0.80
<i>Leucothoides pottsi</i>		0	2	2	1	1	6	1.20	0.75	0.47	0.00-2.12	75	0.20
<i>Lysianassa alba</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	192	0.03
<i>Maera n. sp.</i>		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	79	0.17
<i>Protohadzia schoenerae</i>		1	6	17	2	4	30	6.00	5.76	5.53	0.00-13.15	20	1.00
<i>Seba tropica</i>		0	2	2	0	0	4	0.80	0.98	1.20	0.00-2.01	93	0.13
<i>Siphonoecetes sp.</i>		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	94	0.13
<i>Lembos sp.</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	95	0.13
<i>Stenothoe sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	193	0.03
<i>Tiron tropakis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	194	0.03
Isopoda		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	195	0.03
Portunidae sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	196	0.03
<i>Microphrys bicornuta</i>		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	96	0.13
<i>Pitho anisodon</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	197	0.03
Acrocirridae		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	152	0.07
Amphinomidae		9	12	22	25	13	81	16.20	6.18	2.36	8.53-23.86	6	2.71
Arabellidae		0	1	0	2	1	4	0.80	0.75	0.70	0.00-1.72	97	0.13
Capitellidae		4	13	4	17	2	40	8.00	5.90	4.35	0.68-15.32	17	1.34
Chrysopetalidae		2	2	1	2	1	8	1.60	0.49	0.15	0.99-2.20	61	0.27
Cirratulidae		0	2	0	2	0	4	0.00	0.98	1.20	0.00-2.01	98	0.13
Dorvilleidae		8	0	0	2	2	12	2.40	2.94	3.60	0.00-6.04	47	0.40
Eunicidae		1	8	5	9	3	26	5.20	2.99	1.72	1.48-8.91	25	0.87
Flabelligeridae		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	99	0.13
Lumbrineridae		2	3	1	1	0	7	1.40	1.02	0.74	0.13-2.66	68	0.23
Maldanidae		1	0	0	3	1	5	1.00	1.10	1.20	0.00-2.35	80	0.17
Nereidae		0	1	2	4	4	11	2.20	1.60	1.16	0.21-4.18	50	0.37
Onuphidae		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	153	0.07
Opheliidae		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	121	0.10
Orbiniidae		33	5	0	15	6	59	11.80	11.65	11.51	0.00-26.26	7	1.98
Oweniidae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	198	0.03
Paraonidae		34	2	0	7	4	47	9.40	12.52	16.66	0.00-24.93	13	1.57
Phyllodocidae		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	100	0.13
Polynoidae		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	101	0.13
Sabellidae		19	13	0	19	6	57	11.40	7.45	4.86	2.16-20.64	10	1.91
Scalibregmatidae		0	4	0	2	1	7	1.40	1.50	1.60	0.00-3.25	69	0.23
Serpulidae		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	122	0.10
Sigalionidae		3	0	0	3	4	10	2.00	1.67	1.40	0.00-4.07	54	0.33
Spionidae		3	5	4	11	7	30	6.00	2.83	1.33	2.49-9.51	21	1.00

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Syllidae		62	73	52	240	98	525	105.00	69.22	45.63	19.07-190.93	1	17.58
Terebellidae		3	7	3	18	2	33	6.60	5.95	5.37	0.00-13.99	19	1.10
Trichobranchidae		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	123	0.10
Nemertina		0	4	0	1	0	5	1.00	1.55	2.40	0.00-2.92	81	0.17
Oligochaeta		30	0	0	9	4	43	8.60	11.20	14.59	0.00-22.50	15	1.44
<i>Acmaea pustulata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	199	0.03
<i>Arcopsis adamsi</i>		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	102	0.13
<i>Barbatia candida</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	200	0.03
<i>Caecum plicatum</i>		5	1	45	5	3	59	11.80	16.67	23.54	0.00-32.49	8	1.98
<i>Caecum pulchellum</i>		0	0	12	1	0	13	2.60	4.72	8.55	0.00-8.45	44	0.44
<i>Cerithium eburneum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	201	0.03
<i>Cerithium litteratum</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	124	0.10
<i>Chaetopleura apiculata</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	103	0.13
<i>Codakia orbiculata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	154	0.07
<i>Cylindrobulla beauii</i>		2	2	0	0	1	5	1.00	0.89	0.80	0.00-2.11	82	0.17
<i>Eulima</i> sp. C		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	155	0.07
<i>Glycymeris pectinata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	156	0.07
<i>Ischnochiton papillosus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	157	0.07
<i>Parvilucina multilineata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	202	0.03
<i>Periglypta listeri</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	125	0.10
<i>Pleuromeris tridentata</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	126	0.10
<i>Rissoina catesbyana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	203	0.03
<i>Solemya occidentalis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	204	0.03
<i>Tellina similis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	158	0.07
<i>Tricolia affinis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	205	0.03
<i>Berthelinia caribbaea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	206	0.03
<i>Cyclostremiscus beauii</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	207	0.03
<i>Parviturbo rehderi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	208	0.03
<i>Scissurella cingulata</i>		1	0	0	0	3	4	0.80	1.17	1.70	0.00-2.24	104	0.13
<i>Zebina browniana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	209	0.03
<i>Astichopus multifidus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	210	0.03
<i>Leptosynapta parvipatina</i>		0	1	4	3	0	8	1.60	1.62	1.65	0.00-3.61	62	0.27
<i>Amphiura palmeri</i>		0	1	4	1	2	8	1.60	1.36	1.15	0.00-3.28	63	0.27
<i>Ophiophragmus pulcher</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	127	0.10
<i>Axiognathus squamatus</i>		0	10	0	2	0	12	2.40	3.88	6.27	0.00-7.21	48	0.40
<i>Ophiostigma isacanthum</i>		4	6	3	7	5	25	5.00	1.41	0.40	3.24-6.75	26	0.84
<i>Ophiactis savignyi</i>		0	19	0	2	0	21	4.20	7.44	13.18	0.00-13.43	32	0.70
<i>Ophiothrix oerstedii</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	159	0.07
<i>Ophiocoma pumila</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	160	0.07
<i>Ophionereis reticulata</i>		0	16	22	14	7	59	11.80	7.60	4.89	2.36-21.23	9	1.98
<i>Ophioderma brevispinum</i>		0	3	1	8	3	15	3.00	2.76	2.53	0.00-6.42	40	0.50
<i>Coryphopterus glaucofraenum</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	161	0.07



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
POLYCHAETES													
<i>Naineris laevigata</i>		24	5	2	14	5	50	10.00	8.07	6.52	0.00-20.02	12	1.67
<i>Scoloplos (Scoloplos)</i> <i>armiger</i>		6	0	0	1	0	7	1.40	2.33	3.89	0.00-4.29	70	0.23
<i>Scoloplos (Leodamus)</i> <i>rubra</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	211	0.03
<i>Paraonides n. sp.</i>		33	2	0	6	3	44	8.80	12.25	17.06	0.00-24.01	14	1.47
<i>Questa cf. caudicirra</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	162	0.07
<i>Minuspio cirrifera</i>		2	3	1	0	0	6	1.20	1.17	1.13	0.00-2.64	76	0.20
<i>Polydora ligni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	212	0.03
<i>Prionospio cristata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	213	0.03
<i>Prionospio</i> <i>heterobranchia</i>		0	1	2	8	8	19	3.80	3.49	3.20	0.00-8.12	34	0.64
<i>Prionospio cf.</i> <i>steenstrupi</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	128	0.10
<i>Cirriiformia sp. B</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	163	0.07
<i>cf. Tharyx sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	214	0.03
<i>Macrochaeta sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	215	0.03
<i>cf. Barautolla sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	216	0.03
<i>Dasybranchus</i> <i>lunulatus</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	129	0.10
<i>Mediomastus sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	217	0.03
<i>Notomastus hemipodus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	164	0.07
<i>Notomastus latericeus</i> near <i>Pseudoleio-</i> <i>capitella sp.</i>		1	0	0	1	2	4	0.80	0.75	0.70	0.00-1.72	105	0.13
<i>Scyphoproctus</i> <i>platyproctus</i>		0	10	2	5	0	17	3.40	3.77	4.19	0.00-8.08	36	0.57
Capitellidae sp. indet.		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	165	0.07
<i>Axiothella mucosa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	218	0.03
<i>Axiothella sp.</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	106	0.13
<i>Armandia maculata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	166	0.07
<i>Asclerocheilus sp.</i>		0	2	0	1	1	4	0.80	0.75	0.70	0.00-1.72	107	0.13
<i>Hyboscolex longiseta</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	130	0.10
<i>Eulalia (Pt.) macroceros</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	219	0.03
<i>Eulalia (Eumida)</i> <i>sanguinea</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	167	0.07
<i>Phyllodoce (N.) fragilis</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	131	0.10
<i>Lepidonotus sublevis</i>		0	3	0	2	0	5	1.00	1.26	1.60	0.00-2.57	84	0.17
<i>Pholoe minuta</i>		3	0	0	3	4	10	2.00	1.67	1.40	0.00-4.07	55	0.33
<i>Chrysopetalum</i> <i>occidentale</i>		2	2	1	0	1	6	1.20	0.75	0.47	0.27-2.12	77	0.20
<i>Hesione picta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	220	0.03
<i>cf. Nereimyra sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	221	0.03
<i>Podarke obscura</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	222	0.03
<i>Autolytus sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	223	0.03
<i>Branchiosyllis oculata</i>		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	108	0.13
<i>Brania sp. A</i>		3	0	0	0	2	5	1.00	1.26	1.60	0.00-2.57	85	0.17

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Ehlersia</i> sp. A		2	3	1	3	0	9	1.80	1.17	0.76	0.35-3.24	57	0.30
<i>Ehlersia</i> sp. B		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	168	0.07
<i>Ehlersia</i> sp. C		0	0	1	8	0	9	1.80	3.12	5.42	0.00-5.67	58	0.30
cf. <i>Eusyllis</i> sp. A		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	169	0.07
<i>Exogone arenosa</i>		18	24	15	78	241	59	31.80	23.36	17.16	2.80-60.80	2	5.32
<i>Exogone atlantica</i>		0	2	0	11	2	15	3.00	4.10	5.60	0.00-8.08	41	0.50
<i>Exogone dispar</i>		1	1	3	12	5	22	4.40	4.08	3.78	0.00-9.46	30	0.74
<i>Exogone verugera</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	132	0.10
<i>Haplosyllis spongicola</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	170	0.07
<i>Odontosyllis</i> sp.		0	2	4	4	0	10	2.00	1.79	1.60	0.00-4.22	56	0.33
cf. <i>Opisthodontia</i> sp.		0	4	2	14	5	25	5.00	4.82	4.64	0.00-10.97	27	0.84
cf. <i>Opisthosyllis</i> sp.		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	171	0.07
<i>Parasphaerosyllis</i> cf. <i>indica</i>		0	1	1	0	3	5	1.00	1.10	1.20	0.00-2.35	86	0.17
cf. <i>Pionosyllis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	224	0.03
<i>Plakosyllis</i> <i>quadrioculata</i>		1	1	6	5	1	14	2.80	2.23	1.77	0.04-5.56	42	0.47
<i>Pseudosyllides</i> <i>curacaoensis</i>		0	1	4	3	1	9	1.80	1.47	1.20	0.00-3.62	59	0.30
<i>Sphaerosyllis</i> spp.		5	1	1	19	14	40	8.00	7.27	6.60	0.00-17.02	18	1.34
<i>Syllides bansei</i>		1	0	0	1	2	4	0.80	0.75	0.70	0.00-1.72	109	0.13
<i>Syllides floridanus</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	172	0.07
<i>Typosyllis alternata</i>		3	4	3	12	7	29	5.80	3.43	2.03	1.54-10.05	24	0.97
<i>Typosyllis annularis</i>		1	1	2	3	1	8	1.60	0.80	0.40	0.61-2.59	64	0.27
<i>Typosyllis</i> sp. A		0	2	0	1	1	4	0.80	0.75	0.70	0.00-1.72	110	0.13
<i>Typosyllis</i> sp. C		1	1	1	6	4	13	2.60	2.06	1.63	0.04-5.15	45	0.44
<i>Typosyllis</i> sp. E		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	133	0.10
<i>Typosyllis</i> sp. F		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	173	0.07
<i>Typosyllis</i> sp. G		3	1	1	2	0	7	1.40	1.02	0.74	0.13-2.66	71	0.23
<i>Typosyllis</i> sp. J		0	0	1	1	2	4	0.80	0.75	0.70	0.00-1.72	111	0.13
<i>Typosyllis</i> sp. M		1	6	2	3	2	14	2.80	1.72	1.06	0.66-4.93	43	0.47
<i>Typosyllis</i> sp. N		0	2	1	1	0	4	0.80	0.75	0.70	0.00-1.72	112	0.13
<i>Typosyllis</i> sp. O		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	134	0.10
<i>Typosyllis</i> sp. P		2	3	2	3	1	11	2.20	0.75	0.25	1.27-3.12	51	0.37
<i>Typosyllis</i> sp. O		0	2	1	3	3	9	1.80	1.17	0.76	0.35-3.24	60	0.30
<i>Typosyllis</i> sp. R		0	3	1	2	0	6	1.20	1.17	1.13	0.00-2.64	78	0.20
<i>Typosyllis</i> sp. S		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	225	0.03
<i>Typosyllis</i> sp. T		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	174	0.07
<i>Typosyllis</i> sp. U		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	175	0.07
<i>Syllidae</i> ( <i>Exogoninae</i> ) sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	226	0.03
<i>Syllidae</i> ( <i>Eusyllinae</i> ) sp. B		0	2	0	5	1	8	1.60	1.85	2.15	0.00-3.90	65	0.27
<i>Syllidae</i> ( <i>Eusyllinae</i> ) sp. C		2	1	0	10	6	19	3.80	3.71	3.62	0.00-8.40	35	0.64
<i>Syllidae</i> ( <i>Eusyllinae</i> ) sp. D		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	113	0.13
<i>Syllidae</i> ( <i>Eusyllinae</i> ) sp. E		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	135	0.10

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Ceratonereis irritabilis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	176	0.07
<i>Ceratonereis mirabilis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	227	0.03
<i>Nereis (Nereis) sp.</i>		0	1	1	3	3	8	1.60	1.20	0.90	0.11-3.08	66	0.27
<i>Platynereis dumerilii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	228	0.03
Nereidae undet. sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	229	0.03
<i>Eurythoe complanata</i>		1	10	19	21	6	57	11.40	7.61	5.07	1.96-20.84	11	1.91
<i>Linopherus canariensis</i>		7	2	3	4	8	24	4.80	2.32	1.12	1.93-7.67	29	0.80
<i>Eunice cariboea</i>		0	3	0	3	1	7	1.40	1.36	1.31	0.00-3.08	72	0.23
<i>Eunice vittatopsis</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	177	0.07
<i>Nematonereis unicornis</i>		1	4	4	6	2	17	3.40	1.74	0.89	1.24-5.56	37	0.57
<i>Lumbrineris cf. parvipedata</i>		1	2	1	1	0	5	1.00	0.63	0.40	0.21-1.78	87	0.17
<i>Arabella (Cenothrix) maculosa</i>		1	1	0	2	1	5	1.00	0.63	0.40	0.21-1.78	88	0.17
<i>Dorvillea rubra</i>		1	0	0	2	1	4	0.80	0.75	0.70	0.00-1.72	114	0.13
<i>Protodorvillea kefersteini</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	136	0.10
<i>Schistomeringos cf. pectinata</i>		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	115	0.13
<i>Galathowenia africana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	230	0.03
<i>Piromis eruca</i>		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	116	0.13
cf. <i>Lanicides sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	231	0.03
<i>Loimia medusa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	232	0.03
cf. <i>Lysilla sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	233	0.03
cf. <i>Pista palmata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	234	0.03
cf. <i>Pista sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	235	0.03
<i>Polycirrus carolinensis</i>		2	5	0	13	2	22	4.40	4.59	4.78	0.00-10.09	31	0.74
<i>Streblosoma hartmanae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	236	0.03
<i>Terebella pterochaeta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	237	0.03
<i>Terebellides stroemi</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	137	0.10
<i>Branchiomma nigromaculata</i>		1	6	0	5	0	12	2.40	2.58	2.77	0.00-5.59	49	0.40
<i>Chone americana</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	178	0.07
<i>Fabricia sabella</i>		17	4	0	5	4	30	6.00	5.76	5.53	0.00-13.15	22	1.00
<i>Megalomma n. sp.</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	138	0.10
<i>Pseudobranchiomma emersoni</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	179	0.07
<i>Sabella variegata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	238	0.03
<i>Sabellidae sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	239	0.03
(n. gen., sp.)													
<i>Sabellidae undet. sp. B</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	139	0.10
<i>Sabellidae undet. sp. D</i>		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	140	0.10
Hydroides sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	240	0.03
cf. <i>Salmacina sp.</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	241	0.03
cf. <i>Vermilopsis sp.</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	180	0.07

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		583	481	400	1033	490	2987	597.40	225.39	85.04
Number of taxa		94	131	84	148	103	560	112.00	23.86	
Shannon-Weaver H' (log 10)		1.52	1.80	1.51	1.63	1.65	1.81	1.62	0.11	
Dominance (1 - Simpson Index)		0.95	0.96	0.94	0.93	0.95	0.95	0.95	0.00	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 3 (#22). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Edotia montosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	30	0.14
Nemertina		6	3	1	0	9	19	3.80	3.31	2.88	0.00-7.90	7	2.58
Nematoda		1	1	5	0	2	9	1.80	1.72	1.64	0.00-3.93	10	1.22
<i>Oxyurostylis</i> sp. A		0	3	0	3	0	6	1.20	1.47	1.80	0.00-3.02	15	0.82
<i>Harpachoida</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	31	0.14
<i>Myodocopa</i> spp.		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	18	0.68
<i>Podocopa</i> spp.		15	33	24	2	35	109	21.80	12.19	6.81	6.67-36.93	3	14.81
<i>Ampelisca abdita</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	32	0.14
<i>Listriella barnardi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.14
<i>Acuminodeutopus barnardi</i>		0	4	2	3	0	9	1.80	1.60	1.42	0.00-3.78	11	1.22
<i>Lembos</i> sp.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	25	0.27
Arenicolidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.14
Capitellidae		30	22	22	34	74	182	36.40	19.37	10.30	12.36-60.44	1	24.73
Chaeropteridae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	35	0.14
Goniadidae		3	1	1	0	0	5	1.00	1.10	1.20	0.00-2.35	19	0.68
Nereidae		7	0	1	0	1	9	1.80	2.64	3.87	0.00-5.07	12	1.22
Orbiniidae		0	2	1	1	3	7	1.40	1.02	0.74	0.13-2.66	14	0.95
Paraonidae		3	0	2	4	2	11	2.20	1.33	0.80	0.55-3.84	8	1.49
Spionidae		16	9	7	6	20	58	11.60	5.46	2.57	4.82-18.38	4	7.88
Nemertina		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	26	0.27
Oligochaeta		0	1	1	3	1	6	1.20	0.98	0.80	0.00-2.41	16	0.82
<i>Acteocina canaliculata</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	22	0.41
<i>Caecum pulchellum</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	23	0.41
<i>Chione cancellata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.14
<i>Crepidula maculosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.14
<i>Elysia</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	38	0.14
Haminoea succinea		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.14
<i>Macoma</i> sp. B		2	5	9	0	7	23	4.60	3.26	2.31	0.55-8.64	6	3.13
<i>Meioceras nitida</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.14
<i>Parvilucina multilineata</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	27	0.27
<i>Pseudomiltha floridana</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	28	0.27
<i>Tellina versicolor</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	41	0.14
<i>Parastarte triquetra</i>		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	21	0.54
<i>Leptosynapta parvipatina</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	42	0.14
Holothuroidea sp. A		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	24	0.41

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 3 (#22)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
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POLYCHAETES

<i>Haploscoloplos foliosus</i>	0	1	1	1	3	6	1.20	0.98	0.80	0.00-2.41	17	0.82
<i>Scoloplos (Leodamus) rubra</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.14
<i>Aricidea philbinae</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.14
<i>Paranoides n. sp.</i>	1	0	2	3	2	8	1.60	1.02	0.65	0.33-2.86	13	1.09
<i>Prionospio heterobranchia</i>	3	1	2	2	3	11	2.20	0.75	0.25	1.27-3.12	9	1.49
<i>Scoelepis (Scoelepis) texana</i>	13	8	6	5	17	49	9.80	4.53	2.10	4.17-15.42	5	6.66
<i>Spiochaetopterus costarum</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.14
<i>Capitellides giardi</i>	28	22	0	34	73	157	31.40	23.76	17.98	1.90-60.89	2	21.33
<i>Arenicola cristata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.14
<i>Ceratonereis irritabilis</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.14
<i>Laeonereis culveri</i>	0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	29	0.27
<i>Platynereis dumerilii</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.14
<i>Glycinde solitaria</i>	3	1	1	0	0	5	1.00	1.10	1.20	0.00-2.35	20	0.68

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Total		138	125	100	106	267	736	147.20	61.41	25.62
Number of taxa		21	24	26	17	24	112	22.40	3.14	
Shannon-Weaver H' (log 10)		1.03	1.02	1.10	0.87	0.93	1.08	0.99	0.08	
Dominance (1 - Simpson Index)		0.88	0.86	0.88	0.79	0.82	0.86	0.85	0.01	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 4 (#23). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

<i>Tedania ignis</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.17
<i>Scypha</i> sp.	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	72	0.17
<i>Carpias stylodactylus</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.17
<i>Paracerceis caudata</i>	3	0	0	4	0	7	1.40	1.74	2.17	0.00-3.56	25	1.21
<i>Apanthura magnifica</i>	1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	51	0.35
<i>Anthuridae</i> sp.	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.17
<i>Erichsonella filiformis isabel.</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.17
Tanaid	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.17
Anthozoa	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.17
Nemertina	3	0	5	0	0	8	1.60	2.06	2.65	0.00-4.15	19	1.39
Nematoda	1	1	3	0	0	5	1.00	1.10	1.20	0.00-2.35	31	0.87
Cumacea sp. I	2	0	0	2	2	6	1.20	0.98	0.80	0.00-2.41	27	1.04
Cumacea sp. J	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.17
<i>Harpachoida</i> spp.	0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	52	0.35
<i>Myodocopa</i> sp.	4	1	2	7	0	14	2.80	2.48	2.20	0.00-5.88	9	2.43
<i>Paranebalia longipes</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	53	0.35
<i>Mysidopsis</i> spp.	0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	54	0.35
<i>Monokonophora</i> spp.	1	0	4	0	0	5	1.00	1.55	2.40	0.00-2.92	32	0.87
<i>Dikonophora</i> sp.	4	1	0	3	0	8	1.60	1.62	1.65	0.00-3.61	20	1.39
<i>Metapenaeopsis goodei</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.17
<i>Caridea post larva</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.17
<i>Alpheus</i> sp.	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.17
<i>Hippolyte zostericola</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.17
<i>Processa bermudensis</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	83	0.17
<i>Ampelisca abdita</i>	0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	55	0.35
<i>Ampelisca vadorum</i>	0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	56	0.35
<i>Batea catharinensis</i>	0	2	0	0	0	2	0.40	0.80	1.60	0.00-4.39	57	0.35
<i>Carinobatea carinata</i>	0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	58	0.35
<i>Corophium acherusicum</i>	0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	59	0.35
<i>Dulichieilla appendiculata</i>	0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	60	0.35
<i>Microdeutopus myersi</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.17
<i>Paraphoxus floridanus</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	61	0.35
<i>Lembos</i> sp.	0	2	2	3	0	7	1.40	1.20	1.03	0.00-2.88	26	1.21
Capitellidae	1	3	4	12	6	26	5.20	3.76	2.72	0.53-9.87	2	4.51
Cirratulidae	3	5	2	0	1	11	2.20	1.72	1.35	0.06-4.33	12	1.91
Dorvilleidae	2	1	4	1	5	13	2.60	1.62	1.02	0.58-4.61	10	2.25
Eunicidae	0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	39	0.69
Glyceridae	3	3	1	3	0	10	2.00	1.26	0.80	0.43-3.57	14	1.73
Goniadidae	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.17
Lumbrineridae	1	7	3	5	8	24	4.80	2.56	1.37	1.62-7.97	3	4.16
Maldanidae	0	1	1	2	2	6	1.20	0.75	0.47	0.27-2.12	28	1.04
Nereidae	0	1	2	2	0	5	1.00	0.89	0.80	0.00-2.11	33	0.87
Paranonidae	6	6	3	5	2	22	4.40	1.62	0.60	2.30-6.41	4	3.81
Pilargidae	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.17

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Polynoidae		0	2	2	0	1	5	1.00	0.89	0.80	0.00-2.11	34	0.87
Sabellidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.17
Sigalionidae		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	40	0.69
Spionidae		5	5	5	1	4	20	4.00	1.55	0.60	2.08-5.92	5	3.47
Syllidae		1	1	4	1	1	8	1.60	1.20	0.90	0.11-3.08	21	1.39
Terebellidae		2	1	1	5	2	11	2.20	1.47	0.98	0.38-4.02	13	1.91
Trichobranchidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	88	0.17
Oligochaete		1	2	0	1	2	6	1.20	0.75	0.47	0.27-2.12	29	1.04
<i>Caecum pulchellum</i>		4	14	44	7	1	70	14.00	15.61	17.40	0.00-33.37	1	12.13
<i>Cylindrobulla beauui</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	45	0.52
<i>Gouldia cerina</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	89	0.17
<i>Ischnochiton papillosus</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	46	0.52
<i>Laevicardium mortoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.17
<i>Linga amiantus</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	47	0.52
<i>Meioceras nitida</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.17
<i>Modulus modulus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.17
<i>Nucula proxima</i>		1	2	1	0	1	5	1.00	0.63	0.40	0.21-1.78	35	0.87
<i>Olivella perplexa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.17
<i>Parvilucina multilineata</i>		0	4	4	0	0	8	1.60	1.96	2.40	0.00-4.03	22	1.39
<i>Pitar simpsoni</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	48	0.52
<i>Turbonilla</i> sp. D		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	62	0.35
<i>Amphiodia pulchella</i>		0	0	9	7	4	20	4.00	3.63	3.30	0.00-8.51	6	3.47
<i>Amphioplus abdita</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	63	0.35
<i>Amphioplus thrombodes</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	49	0.52
<i>Ophiactis savignyi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.17

POLYCHAETES

<i>Aricidea fragilis</i>		0	2	0	3	0	5	1.00	1.26	1.60	0.00-2.57	36	0.87
<i>Aricidea philbinae</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	64	0.35
<i>Aricidea</i> n. sp. A		4	4	2	0	0	10	2.00	1.79	1.60	0.00-4.22	15	1.73
<i>Cirrophorus</i> sp.		2	0	1	0	2	5	1.00	0.89	0.80	0.00-2.11	37	0.87
<i>Laonice cirrata</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	65	0.35
<i>Minuspio cirrifera</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	66	0.35
<i>Prionospio cristata</i>		4	3	4	1	3	15	3.00	1.10	0.40	1.64-4.35	8	2.60
<i>Spio pettiboneae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.17
cf. <i>Caulleriella killariensis</i>		3	4	2	0	1	10	2.00	1.41	1.00	0.24-3.75	16	1.73
<i>Capitellides jonesi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	96	0.17
<i>Dasybranchus lunulatus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.17
<i>Notomastus hemipodus</i>		1	1	4	8	6	20	4.00	2.76	1.90	0.58-7.42	7	3.47
<i>Paraleiocapitella mossambica</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.17
near <i>Pseudoleiocapitella</i> sp.		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	50	0.52
<i>Asychis elongata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	99	0.17
<i>Praxillella</i> sp.		0	1	1	1	2	5	1.00	0.63	0.40	0.23-1.78	36	0.87
Polynoidae undet. sp. D		0	2	3	0	1	6	1.20	1.17	1.13	0.00-2.64	30	1.04
<i>Sthenelais boa</i>		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	41	0.69



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Gyptis brevipalpa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	100	0.17
cf. <i>Cabira incerta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.17
<i>Ehlersia</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.17
<i>Sphaerosyllis</i> spp.		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	67	0.35
<i>Typosyllis</i> sp. A		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	68	0.35
<i>Typosyllis</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.17
<i>Typosyllis</i> sp. O		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.17
Syllidae (Eusyllinae) sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.17
<i>Ceratocephale</i> sp.		0	1	1	2	0	4	0.80	0.75	0.70	0.00-1.72	42	0.69
<i>Ceratonereis irritabilis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.17
<i>Glycera dibranchiata</i>		3	3	1	3	0	10	2.00	1.26	0.80	0.43-3.57	17	1.73
<i>Goniada maculata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.17
<i>Eunice vittatopsis</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	43	0.69
<i>Lumbrineris januarii</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	108	0.17
<i>Lumbrineris latreilli</i>		1	3	0	2	2	8	1.60	1.02	0.65	0.33-2.86	23	1.39
<i>Lumbrineris</i> cf. <i>parvipedata</i>		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	44	0.69
<i>Lumbrineris verrilli</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	69	0.35
<i>Lumbrineris</i> sp.		0	2	2	0	5	9	1.80	1.83	1.87	0.00-4.07	18	1.56
<i>Arabella (Cenothrix)</i> <i>maculosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.17
<i>Schistomeringos</i> cf. <i>pectinata</i>		2	1	4	1	4	12	2.40	1.36	0.77	0.72-4.08	11	2.00
<i>Pista cristata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	70	0.35
cf. <i>Pista palmata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	110	0.17
<i>Polycirrus</i> sp.		2	1	1	3	1	8	1.60	0.08	0.40	0.61-2.59	24	1.39
<i>Terebellides stroemi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	111	0.11
<i>Fabricia sabella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.17

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Total		90	122	158	118	89	577	115.40	25.33	5.56
Number of taxa		42	54	56	45	41	238	47.60	6.22	
Shannon-Weaver H' (log 10)		1.55	1.61	1.44	1.52	1.51	1.76	1.52	0.05	
Dominance (1 - Simpson Index)		0.98	0.97	0.91	0.97	0.97	0.97	0.96	0.00	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 5 (#29). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Carpis stylodactylus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.23
<i>Paracerceis caudata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	37	0.46
Chaetognatha		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.23
Turbellaria		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.23
Nematoda		2	2	2	3	1	10	2.00	0.63	0.20	1.21-2.78	9	2.32
<i>Cumacea</i> sp. E.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.23
<i>Cumacea</i> sp. I		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.23
Harpachoida sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.23
Myodocopa spp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	36	0.46
Monokonophora sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.23
<i>Kalliapseudes</i> n. sp. A		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	30	0.70
Dikonophora sp.		2	0	2	0	0	4	0.80	0.98	1.20	0.00-2.01	26	0.93
<i>Alpheus normanni</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	39	0.46
<i>Ampelisca abdita</i>		1	3	1	0	1	6	1.20	0.98	0.80	0.00-2.41	19	1.39
<i>Batea catharinensis</i>		1	4	1	1	0	7	1.40	1.36	1.31	0.06-3.08	13	1.62
<i>Carinobatea carinata</i>		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	27	0.93
<i>Cymadusa filosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.23
<i>Monoculodes nyei</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.46
<i>Photis pugnator</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.23
<i>Caprella equilibra</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.23
Isopoda		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	64	0.23
<i>Neopanope packardii</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	41	0.46
<i>Pagurus stimpsoni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	65	0.23
Ampharetidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.23
Capitellidae		3	6	1	3	1	14	2.80	1.83	1.20	0.52-5.07	8	3.25
Cirratulidae		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.46
Dorvilleidae		0	2	0	4	0	6	1.20	1.60	2.13	0.00-3.18	20	1.39
Goniadidae		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.23
Lumbrineridae		6	5	5	2	0	18	3.60	2.24	1.40	0.81-6.38	4	4.18
Nereidae		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	31	0.70
Paraonidae		10	11	5	8	13	47	9.40	2.73	0.79	6.01-12.78	1	10.90
Phyllodocidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	68	0.23
Pilargidae		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	32	0.70
Polynoidae		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	43	0.46
Sabellariidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.23
Sigalionidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.23
Spionidae		12	12	7	2	6	39	7.80	3.82	1.67	3.06-12.53	2	9.05
Syllidae		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	33	0.70
Terebellidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.23
Trichobranchidae		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	44	0.46
Nemertina		5	0	0	0	1	6	1.20	1.94	3.13	0.00-3.60	21	1.39
Oligochaeta		1	2	1	1	2	7	1.40	0.49	0.17	0.79-2.00	14	1.62

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Acteocina canaliculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.23
<i>Adaman notabilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.23
<i>Caecum pulchellum</i>		0	4	1	0	0	5	1.00	1.55	2.40	0.00-2.92	24	1.16
<i>Crepidula maculosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	74	0.23
<i>Diplodonta punctata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.23
<i>Eulima</i> sp. B		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.23
<i>Eupleura sulcidentata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	77	0.23
<i>Laevicardium mortoni</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	45	0.46
<i>Linga amiantus</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	46	0.46
<i>Marginella aureocincta</i>		2	1	1	0	0	4	0.80	0.75	0.70	0.00-1.72	26	0.93
<i>Marginella lavalleana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.23
<i>Nucula proxima</i>		1	0	2	0	2	5	1.00	0.89	0.80	0.00-2.11	25	1.16
<i>Parvilucina multilineata</i>		4	4	3	1	3	15	3.00	1.10	0.40	1.64-4.35	7	3.48
<i>Persicula catenata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.23
<i>Pinctada imbricata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.23
<i>Pitar simpsoni</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	47	0.46
<i>Rissoina catesbyana</i>		0	0	0	0	7	7	1.40	2.00	5.60	0.00-4.97	15	1.62
<i>Tellina versicolor</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.23
<i>Urosalpinx perrugata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	82	0.23
<i>Amphipholis januarii</i>		2	0	7	0	0	9	1.80	2.71	4.09	0.00-5.16	10	2.09
<i>Amphioplus abdita</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	83	0.23
<i>Ophiactis savignyi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.23
Ophiuroidea juvenile		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.23
<i>Gobiosoma robustum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.23
<i>Aricidea fragilis</i>		3	4	0	0	0	7	1.40	1.74	2.17	0.00-3.56	16	1.62
<i>Aricidea philbinae</i>		1	0	0	2	0	3	0.60	0.96	1.07	0.00-1.59	34	0.70
<i>Aricidea</i> n. sp. A		1	3	3	3	7	17	3.40	1.96	1.13	0.97-5.83	5	3.94
<i>Aricidea</i> sp. B		1	1	1	3	0	6	1.20	0.98	0.80	0.00-2.41	22	1.39
<i>Cirrophorus</i> sp.		0	1	1	0	6	8	1.60	2.24	3.15	0.00-4.38	11	1.86
<i>Paranoides</i> n. sp.		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	29	0.93
<i>Minuspio cirrifera</i>		1	4	0	1	1	7	1.40	1.36	1.31	0.00-3.08	17	1.62
<i>Prionospio cristata</i>		10	8	4	1	5	28	5.60	3.14	1.76	1.71-9.49	3	6.50
<i>Scolelepis (Scolelepis)</i> <i>texana</i>		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	35	0.70
<i>Caulleriella alata</i>		0	0	2	0	0	2	0.40	0.00	1.60	0.00-1.39	48	0.46
<i>Capitella capitata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	87	0.23
<i>Capitellides jonesi</i>		0	1	1	0	0	2	0.40	0.40	0.60	0.00-1.00	49	0.46
near <i>Eunotomastus</i> sp.		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	36	0.70
<i>Notomastus</i> <i>hemipodus</i>		0	5	0	2	1	8	1.60	1.85	2.15	0.00-3.90	12	1.86
<i>Harmothoe aculeata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.23
Polynoidae undet. sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.23
<i>Pholoe minuta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.23
cf. <i>Gyptis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.23
cf. <i>Cabira incerta</i>		0	1	0	0	1	2	0.40	0.40	0.60	0.00-1.00	50	0.46
<i>Ehlersia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	92	0.23
<i>Exogone dispar</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.23
<i>Exogone verugera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.23
<i>Ceratonereis irritabilis</i>		1	0	1	0	0	2	0.40	0.40	0.60	0.00-1.00	51	0.46

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Nereis (Neanthes) succinea</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	52	0.46
<i>Platynereis dumerilii</i>		2	0	4	0	0	6	1.20	1.60	2.13	0.00-3.18	23	1.39
Nereidae undet. sp. B		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.23
<i>Goniada cf. brunnea</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.23
<i>Lumbrineris latreilli</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.23
<i>Lumbrineris verrilli</i>		6	3	5	3	0	17	3.40	2.06	1.25	0.84-5.95	6	3.94
<i>Lumbrineris sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.23
<i>Schistomeringos cf. pectinata</i>		1	2	0	4	0	7	1.40	1.50	1.60	0.00-3.25	18	1.62
<i>Sabellaria vulgaris</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.23
<i>Isolda pulchella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.23
<i>Loimia medusa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.23
<i>Terebellides stroemi</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	53	0.46

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Total		110	110	88	51	72	431	86.20	22.70	5.98
Number of taxa		46	41	47	24	29	187	37.40	9.26	
Shannon-Weaver H' (log 10)		1.49	1.46	1.56	1.28	1.27	1.69	1.41	0.11	
Dominance (1 - Simpson Index)		0.96	0.96	0.97	0.95	0.94	0.97	0.96	0.01	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 6 (#35). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
? <i>Dysidea</i> sp.		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	95	0.09
<i>Carpis stylodactylus</i>		5	17	1	3	15	41	8.20	6.52	5.19	0.10-16.29	14	1.77
<i>Paracerceis caudata</i>		2	3	0	2	0	7	1.40	1.20	1.03	0.00-2.88	42	0.30
Tanaid		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	96	0.09
Chaetognatha		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	97	0.09
Anthozoa		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	98	0.09
Turbellaria		3	0	0	1	3	7	1.40	1.36	1.31	0.00-3.08	43	0.30
Nemertina		0	15	0	14	40	69	13.80	14.62	15.49	0.00-31.95	7	2.98
Nematoda		0	11	0	21	18	50	10.00	8.79	7.72	0.00-20.90	10	2.16
<i>Sipuncula</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	124	0.04
<i>Sipuncula</i> sp. B		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	99	0.09
<i>Phascolion cryptus</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	100	0.09
Harpachoida spp.		0	0	0	0	16	16	3.20	6.40	12.80	0.00-11.14	20	0.69
Myodocopa spp.		0	1	0	1	198	200	40.00	79.00	156.03	0.00-138.07	2	8.64
Podocopa spp.		11	0	0	0	0	11	2.20	4.40	8.80	0.00-7.66	38	0.48
Monokonophora spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	125	0.04
Dikonophora sp.		10	40	10	48	31	139	27.80	15.50	8.64	8.56-47.03	4	6.00
<i>Periclimenes americanus</i>		0	1	0	2	1	4	0.80	0.75	0.70	0.00-1.72	65	0.17
<i>Alpheus</i> sp.		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	82	0.13
<i>Hippolyte zostericola</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.04
<i>Thor floridanus</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	101	0.09
<i>Processa</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	127	0.04
<i>Pagurus stimpsoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	128	0.04
<i>Ampelisca vadorum</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	83	0.13
<i>Ampelisca neopolitanus</i>		0	0	1	4	6	11	2.20	2.40	2.62	0.00-5.17	39	0.48
<i>Batea catharinensis</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	66	0.17
<i>Cerapus</i> n. sp.		0	8	0	3	2	13	2.60	2.94	3.32	0.00-6.24	33	0.56
<i>Chevalia aviculae</i>		4	15	3	3	2	27	5.40	4.84	4.34	0.00-11.41	19	1.17
<i>Corophium acherusicum</i>		0	4	0	0	1	5	1.00	1.55	2.40	0.00-2.92	58	0.22
<i>Cymadusa compta</i>		0	0	0	0	31	31	6.20	12.40	24.80	0.00-21.59	17	1.34
<i>Cymadusa filosa</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	84	0.13
<i>Dulichella appendiculata</i>		0	7	2	8	0	17	3.40	3.44	3.48	0.00-7.67	26	0.73
<i>Elasmopus laevis</i>		3	6	3	6	0	18	3.60	2.24	1.40	0.81-6.38	25	0.78
<i>Erichthonius brasiliensis</i>		2	5	0	0	0	7	1.40	1.96	2.74	0.00-3.83	44	0.30
<i>Grandidierella bonnieroides</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.04
<i>Lembos dentischium</i>		0	0	0	6	0	6	1.20	2.40	4.80	0.00-4.17	51	0.26
<i>Lembos spinicarpus</i>		0	7	0	0	0	7	1.40	2.80	5.60	0.00-4.97	45	0.30
<i>Lembos unicornis</i>		0	6	0	6	27	39	7.80	9.97	12.74	0.00-20.17	15	1.68

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Leucothoe spinicarpa</i>		0	0	0	4	10	14	2.80	3.92	5.49	0.00-7.66	31	0.60
<i>Lysianassa alba</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	67	0.17
<i>Monoculodes nyei</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	130	0.04
<i>Paraphoxus floridanus</i>		0	2	0	1	1	4	0.80	0.75	0.70	0.00-1.72	68	0.17
<i>Stenothoe</i> sp.		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	69	0.17
<i>Hexapanopeus</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	131	0.04
<i>Neopanope packardii</i>		1	2	1	2	1	7	1.40	0.49	0.17	0.79-2.00	46	0.30
<i>Panopeus occidentalis</i>		0	0	0	1	3	4	0.80	1.17	1.70	0.00-2.24	70	0.17
<i>Microphrys tricornutus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	132	0.04
<i>Pagurus stimpsoni</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	102	0.09
Arabellidae		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	103	0.09
Capitellidae		1	3	2	5	9	20	4.00	2.83	2.00	0.49-7.51	21	0.86
Cirratulidae		2	0	7	14	20	43	8.60	7.47	6.49	0.00-17.97	12	1.86
Dorvilleidae		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	85	0.13
Eunicidae		0	0	0	2	3	5	1.00	1.26	1.60	0.00-2.57	59	0.22
Flaverigeridae		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	86	0.13
Glyceridae		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	104	0.09
Goniadidae		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	71	0.17
Lumbrineridae		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	97	0.13
Magelonidae		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	105	0.09
Nereidae		2	0	1	3	0	6	1.20	1.17	1.13	0.00-2.64	52	0.26
Orbiniidae		1	1	0	2	13	17	3.40	4.84	6.89	0.00-9.41	27	0.73
Paraonidae		13	6	13	28	13	73	14.60	7.23	3.58	5.63-23.57	6	3.15
Phyllodocidae		0	0	0	3	4	7	1.40	1.74	2.17	0.00-3.56	47	0.30
Polynoidea		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	72	0.17
Sabellidae		0	3	5	5	24	37	7.40	8.50	9.76	0.00-17.95	16	1.60
Serpulidae		0	0	0	1	4	5	1.00	1.55	2.40	0.00-2.92	60	0.22
Spionidae		16	19	15	18	31	99	19.80	5.78	1.68	12.63-26.97	5	4.28
Syllidae		4	15	2	12	30	63	12.60	9.95	7.86	0.25-24.95	8	2.72
Terebellidae		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	88	0.13
Trichobranchidae		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	61	0.22
Spionidae		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	106	0.09
Nemertina		4	0	4	0	0	8	1.60	1.96	2.40	0.00-4.03	40	0.35
Oligochaeta		18	94	38	24	211	195	39.00	28.34	20.59	3.82-74.18	3	8.42
<i>Aeolidiidae</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	133	0.04
<i>Anomia simplex</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	107	0.09
<i>Barbatia candida</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	108	0.09
<i>Caecum pulchellum</i>		9	25	12	254	58	358	71.60	92.84	120.38	0.00-186.85	1	15.46
<i>Cerithiopsis greenii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	134	0.04
<i>Chione cancellata</i>		0	0	1	6	0	7	1.40	2.33	3.89	0.00-4.29	48	0.30
<i>Cochliolepis parasitica</i>		0	0	0	0	6	6	1.20	2.40	4.80	0.00-4.17	53	0.26
<i>Columbella rusticoidea</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	109	0.09
<i>Crepidula maculosa</i>		1	1	0	1	2	5	1.09	0.63	0.40	0.21-1.78	62	0.22
<i>Cumingia tellinoides</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	89	0.13
<i>vanhyning</i>													
<i>Elysia</i> sp. A		0	8	0	0	4	12	2.40	3.20	4.27	0.00-6.37	35	0.52
<i>Galeommatacea</i> sp. B		2	0	0	4	0	6	1.20	1.60	2.13	0.00-3.18	54	0.26
<i>Ischnochiton papillosus</i>		6	9	3	2	0	20	4.00	3.16	2.50	0.07-7.92	22	0.86
<i>Linga amiantus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	110	0.09

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Mactra fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.04
<i>Marginella apicina</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	136	0.04
<i>Meioceras nitida</i>		10	8	0	16	10	44	8.80	5.15	1.02	2.40-15.19	11	1.90
<i>Parvilucina multilineata</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	73	0.17
<i>Pseudomiltha floridana</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	111	0.09
<i>Rissoina catesbyana</i>		0	4	0	8	2	14	2.80	2.99	3.20	0.00-6.51	32	0.60
<i>Tellina versicolor</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	90	0.13
<i>Turbonilla</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	137	0.04
<i>Vermicularia spirata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	138	0.04
<i>Circulus suppressus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	112	0.09
<i>Dorididae</i> sp. A		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	113	0.09
<i>Tellina mera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	139	0.04
Holothuroidea sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	140	0.04
<i>Lytechinus variegatus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	141	0.04
<i>Amphiodia pulchella</i>		6	4	4	4	1	19	3.80	1.60	0.67	1.81-5.78	24	0.82
<i>Ophiactis savignyi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	142	0.04
<i>Opsanus beta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	143	0.04

POLYCHAETES

<i>Haploscoloplos foliosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	144	0.04
<i>Naineris setosa</i>		0	1	0	1	10	12	2.40	3.83	6.10	0.00-7.15	36	0.52
<i>Scoloplos (Leodamus) rubra</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	145	0.04
<i>Aricidea philbinae</i>		3	0	7	3	2	15	3.00	2.28	1.73	0.17-5.83	30	0.65
<i>Aricidea</i> sp. C		9	6	6	24	10	55	11.00	6.69	4.07	2.69-19.30	9	2.38
<i>Paraonides</i> n. sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	146	0.04
<i>Minuspio cirrifera</i>		4	4	7	8	20	43	8.60	5.92	4.07	1.25-15.94	13	1.86
<i>Polydora plena</i>		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	91	0.13
<i>Prionospio cristata</i>		6	2	3	8	6	25	5.00	2.19	0.96	2.20-7.71	20	1.08
<i>Prionospio heterobranchia</i>		4	11	3	1	1	20	4.00	3.69	3.40	0.00-8.57	23	0.86
<i>Scolecopsis squamata</i>		0	0	0	1	0		0.20	0.40	0.80	0.00-0.69	147	0.04
<i>Scolecopsis (Scolecopsis) texana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	148	0.04
<i>Magelona pettiboneae</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	114	0.09
<i>Caulleriella alata</i>		0	0	1	4	3	8	1.60	1.62	1.65	0.00-3.61	41	0.35
cf. <i>Caulleriella killariensis</i>		2	0	6	8	15	31	6.20	5.23	4.41	0.00-12.69	18	1.34
cf. <i>Cirratulus</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	149	0.04
<i>Tharyx annulosus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	150	0.04
cf. <i>Tharyx</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	151	0.04
<i>Mediomastus</i> sp. near <i>Pseudoleio- capitella</i> sp.		1	3	0	3	5	12	2.40	1.74	1.27	0.24-4.56	37	9.52
<i>Scyphoproctus platyproctus</i>		0	0	1	2	3	6	1.20	1.17	1.13	0.00-2.64	55	0.26

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Eulalia (Eumida) sanguinea</i>		0	0	0	3	4	7	1.40	1.74	2.17	0.00-3.56	49	0.30
<i>Harmothoe aculeata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	152	0.04
<i>Lepidonotus sublevis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	153	0.04
<i>Polynoidae</i> undet. sp. D		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	92	0.13
<i>Autolytus</i> sp. A		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	116	0.09
<i>Branchiosyllis oculata</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	93	0.13
<i>Brania</i> sp. A		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	74	0.17
<i>Ehlersia</i> sp. A		1	0	1	0	4	6	1.20	1.47	1.80	0.00-3.02	56	0.26
<i>Ehlersia</i> sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	154	0.04
cf. <i>Eusyllis</i> sp. A		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	117	0.09
<i>Exogone arenosa</i>		2	4	0	0	1	7	1.40	1.50	1.60	0.00-3.25	50	0.30
<i>Exogone dispar</i>		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	75	0.17
<i>Exogone verugera</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	155	0.04
<i>Haplosyllis spongicola</i>		0	2	1	1	0	4	0.80	0.75	0.70	0.00-1.72	76	0.17
<i>Sphaerosyllis</i> spp.		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	118	0.09
<i>Typosyllis annularis</i>		0	2	0	0	2	4	0.80	0.98	1.20	0.00-2.01	77	0.17
<i>Typosyllis</i> sp. A		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	119	0.09
<i>Typosyllis</i> sp. Q		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	156	0.04
Syllidae ( <i>Eusyllinae</i> ) sp. E		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	157	0.04
<i>Nereis (Neanthes) succinea</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	158	0.04
<i>Platynereis dumerilii</i>		2	0	1	1	0	4	0.80	0.75	0.70	0.00-1.72	78	0.17
<i>Glycera abbranchiata</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	120	0.09
<i>Glycinde solitaria</i>		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	79	0.17
<i>Eunice cariboea</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	80	0.17
<i>Marphysa sanguinea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	159	0.04
<i>Lumbrineris latreilli</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	160	0.04
<i>Lumbrineris verrilli</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	121	0.09
<i>Arabella (C.) nultidentata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	122	0.09
<i>Dorvillea rubra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	161	0.04
<i>Schistomeringos rudolphi</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	123	0.09
<i>Piromis eruca</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	94	0.13
cf. <i>Lenicides</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	162	0.04
<i>Polycirrus eximius</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	163	0.04
<i>Streblosoma hartmanae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	164	0.04
<i>Terebellides stroemi</i>		0	0	0	0	6	6	1.20	2.40	4.80	0.00-4.17	57	0.26
<i>Branchiomma nigromaculata</i>		0	3	2	5	3	13	2.60	1.62	1.02	0.58-4.61	34	0.56
<i>Fabricia sabella</i>		0	0	0	0	17	17	3.40	6.80	13.60	0.00-11.84	28	0.73
Sabellidae sp. A n. gen. sp.		0	0	3	0	2	5	1.00	1.26	1.60	0.00-2.57	63	0.22
cf. <i>Salmacina</i> sp.		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	81	0.17
<i>Spirorbis</i> sp. indet.		0	2	0	1	2	5	1.00	0.89	0.80	0.00-2.11	64	0.22



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Total		188	419	189	681	838	2315	463.00	261.07	147.21
Number of taxa		48	67	47	97	91	350	70.00	20.94	
Shannon-Weaver H' (log 10)		1.50	1.44	1.40	1.34	1.49	1.64	1.43	0.06	
Dominance (1 - Simpson Index)		0.96	0.93	0.94	0.85	0.93	0.95	0.92	0.00	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 7 (#39). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Chaetognatha		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	35	0.45
Nemertina		2	14	1	0	0	17	3.40	5.35	8.42	0.00-10.04	6	3.79
Nematoda		0	36	1	0	0	37	7.40	14.31	27.65	0.00-25.15	2	8.24
<i>Phascolion cryptus</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	28	0.67
<i>Cumacea</i> sp. D		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.22
<i>Cumacea</i> sp. F		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.22
<i>Cumacea</i> sp. G		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.22
<i>Cumacea</i> sp. H		0	5	1	1	3	10	2.00	1.79	1.60	0.00-4.22	12	2.23
<i>Oxyurostylis</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.22
<i>Harpachoida</i> spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.22
Myodocopa spp.		0	53	8	3	5	69	13.80	19.77	28.33	0.00-38.34	1	15.37
<i>Balanus venustus</i>		0	12	0	0	0	12	2.40	4.80	9.60	0.00-8.35	8	2.67
Mysidopsis sp.		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	29	0.67
Monokonophora spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	36	0.45
<i>Periclimenes</i> <i>americanus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.22
<i>Alpheus</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.22
<i>Ampelisca abdita</i>		2	2	0	3	2	9	1.80	0.98	0.53	0.58-3.01	14	2.00
<i>Ampelisca vadorum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.22
<i>Lembos unicornis</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	37	0.45
<i>Microdeutopus myersi</i>		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	24	0.89
<i>Lembos</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	54	0.22
Isopoda		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.22
Capitellidae		0	7	0	0	0	7	1.40	2.80	5.60	0.00-4.87	18	1.56
Chaetopteridae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.22
Dorvilleidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.22
Goniadidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.22
Lumbrineridae		8	8	2	8	2	28	5.60	2.94	1.54	1.95-9.24	3	6.24
Magelonidae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.22
Maldanidae		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	25	0.89
Orbiniidae		3	0	1	1	7	12	2.40	2.50	2.60	0.00-5.50	9	2.67
Paraonidae		0	5	0	2	4	11	2.20	2.04	1.89	0.00-4.73	10	2.45
Sigalionidae		1	1	1	5	3	11	2.20	1.60	1.16	0.21-4.18	11	2.45
Spionidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.22
Syllidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.22
Terebellidae		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	38	0.45
Trichobranchidae		1	3	0	0	2	6	1.20	1.17	1.13	0.00-2.64	19	1.34
Oligochaeta		2	5	0	0	1	8	1.60	1.85	2.15	0.00-3.90	16	1.78
<i>Acteocina canaliculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.22
<i>Caecum pulchellum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.22
<i>Chione cancellata</i>		0	7	1	1	0	9	1.80	2.64	3.87	0.00-5.07	15	2.00
<i>Cooperella atlantica</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	39	0.45
<i>Cyclinella tenuis</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	30	0.67

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 7 (#39)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Diplodonta punctata</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	31	0.67
<i>Haminoea succinea</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.45
Leptonidae sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.22
<i>Lima pellucida</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.22
<i>Linga amiantus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.22
<i>Nucula proxima</i>		2	7	0	1	3	13	2.60	2.42	2.25	0.00-5.60	7	2.90
<i>Parvilucina multilineata</i>		8	8	9	1	2	28	5.60	3.38	2.04	1.40-9.79	4	6.24
<i>Tagelus divisus</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	32	0.67
<i>Tellina versicolor</i>		2	3	1	0	2	8	1.60	1.02	0.65	0.33-2.86	17	1.78
<i>Turbonilla</i> sp. E		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	41	0.45
<i>Ophionephtys limicola</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	26	0.89
<i>Micropholis gracillima</i>		1	0	0	2	2	5	1.00	0.89	0.80	0.00-2.11	23	1.11
<i>Scoloplos (Leodamus)</i> <i>rubra</i>		2	0	1	1	2	6	1.20	0.75	0.47	0.27-2.12	20	1.34
<i>Aricidea fragilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.22
<i>Aricidea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.22
<i>Aricidea</i> n. sp. A		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	42	0.45
<i>Aricidea</i> sp. D		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.22
<i>Paranoides</i> n. sp.		0	2	0	1	3	6	1.20	1.17	1.13	0.00-2.64	21	1.34
<i>Prionospio cristata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.22
<i>Magelona pettiboneae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	71	0.22
<i>Spiochaetopterus</i> <i>costarum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	72	0.22
<i>Capitella capitata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.22
<i>Capitellides jonesi</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	33	0.67
<i>Mediomastus</i> sp		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.22
near <i>Pseudoleio-</i> <i>capitella</i> sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	43	0.45
<i>Praxillella</i> sp.		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	27	0.89
<i>Ehlersileanira</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.22
<i>Sthenelais limicola</i>		1	0	1	5	3	10	2.00	1.79	1.60	0.00-4.22	13	2.23
cf. <i>Gyptis</i> sp.		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	34	0.67
<i>Sphaerosyllis</i> spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.22
<i>Glycinde solitaria</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.22
<i>Lumbrineris ernesti</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	44	0.45
<i>Lumbrineris verrilli</i>		9	7	2	8	2	28	5.60	3.01	1.61	1.97-9.33	5	6.24
<i>Schistomeringos</i> <i>rudolphi</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	45	0.45
<i>Pista cristata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.22
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.22
<i>Terebellides stroemi</i>		1	3	0	0	2	6	1.20	1.17	1.13	0.00-2.64	22	1.34

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 7 (#39)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		54	233	50	54	58	449	89.80	71.64	57.16
Number of taxa		24	53	25	24	26	152	30.40	11.32	
Shannon-Weaver H' (log 10)		1.21	1.35	1.25	1.23	1.34	1.55	1.28	0.06	
Dominance (1 - Simpson Index)		0.93	0.91	0.94	0.94	0.96	0.95	0.94	0.01	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 8 (#41). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Haliclona viridis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.12
<i>Scypha</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	89	0.12
<i>Carpas stylodoctylus</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	51	0.48
<i>Paracerceis caudata</i>		0	1	2	2	0	5	1.00	0.89	0.80	0.00-2.11	45	0.60
Amphipod		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.12
Tanaid		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	66	0.24
Tunicate		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	91	0.12
Anthozoa		0	1	0	0	0	1	0.20	0.40	0.80	0.06-0.69	92	0.12
Turbellaria		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.12
Nemertina		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.12
Nematoda		2	0	5	0	0	7	1.40	1.96	2.74	0.00-3.83	30	0.84
Sipuncula sp. A		2	0	1	1	0	4	0.80	0.75	0.70	0.00-1.72	52	0.48
<i>Phascolion cryptus</i>		0	0	2	2	0	4	0.80	0.98	1.20	0.00-2.01	53	0.48
Oligochaeta		0	0	2	1	0	3	0.60	0.80	1.07	0.00-1.59	56	0.36
Cumacea sp. C		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	67	0.24
Myodocopa spp.		0	3	1	0	1	5	1.00	1.10	1.20	0.00-2.35	46	0.60
<i>Paranebalia longipes</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.12
<i>Kalliapseudes</i> n. sp. A		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	68	0.24
<i>Dikonophora</i> sp.		4	2	1	11	3	21	4.20	3.54	2.99	0.00-8.59	12	2.51
Caridea post larva		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	69	0.24
Alpheides sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.12
<i>Alpheus</i> sp.		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	70	0.24
<i>Alpheus floridanus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	71	0.24
<i>Hippolyte zostericola</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	97	0.12
<i>Latreutes fucorum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	98	0.12
<i>Processa bermudensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	99	0.12
<i>Ampelisca abdita</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	72	0.24
<i>Amphilocheus neopolitanus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	100	0.12
<i>Batea catharinensis</i>		2	2	0	4	3	11	2.20	1.33	0.80	0.55-3.84	19	1.32
<i>Cerapus</i> n. sp.		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	57	0.36
<i>Cymadusa compta</i>		0	0	5	5	0	10	2.00	2.45	3.00	0.00-5.04	21	1.20
<i>Erichthonius brasiliensis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.12
<i>Lembos unicornis</i>		0	0	3	2	3	8	1.60	1.36	1.15	0.00-3.28	28	0.96
<i>Leucothoe spinicarpa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.12
<i>Leucothoides pottsi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	103	0.12
<i>Listriella barnardi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.12
<i>Photis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.12
<i>Lembos</i> sp.		5	0	0	0	2	7	1.40	1.96	2.74	0.00-3.83	31	0.84
<i>Photis pugnator</i>		0	10	0	0	0	10	2.00	4.00	8.00	0.00-6.96	22	1.20

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Ampithoe ramondi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.12
Amphipoda juvenile		0	0	6	0	0	6	1.20	2.40	4.80	0.00-4.17	38	0.72
Isopoda		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	54	0.48
<i>Neopanope packardii</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	73	0.24
<i>Pitho anisodon</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.12
Ampharetidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.12
Capitellidae		1	7	7	1	0	16	3.20	3.12	3.05	0.00-7.07	15	1.91
Cirratulidae		3	9	4	5	3	24	4.80	2.23	1.03	2.00-7.56	8	2.87
Dorvilleidae		0	3	1	0	2	6	1.20	1.17	1.13	0.00-2.64	39	0.72
Eunicidae		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	74	0.24
Flabelligeridae		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	75	0.24
Goniadidae		2	4	4	2	2	14	2.80	0.98	0.34	1.59-4.01	16	1.67
Lumbrineridae		15	6	2	4	0	27	5.40	5.20	5.01	0.00-11.85	6	3.23
Maldanidae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	109	0.12
Nereidae		1	4	2	2	1	10	2.00	1.10	0.60	0.64-3.35	23	1.20
Orbiniidae		3	1	2	0	0	6	1.20	1.17	1.13	0.00-2.64	40	0.72
Paraonidae		13	8	7	3	5	36	7.20	3.37	1.58	3.02-11.38	3	4.31
Phyllodocidae		0	0	2	2	0	4	0.80	0.98	1.20	0.00-2.01	55	0.48
Poecilochaetidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	110	0.12
Polynoidae		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	76	0.24
Sabellariidae		0	0	6	3	1	10	2.00	2.28	2.60	0.00-4.83	24	1.20
Sabellidae		1	2	0	3	1	7	1.40	1.02	0.74	0.13-2.66	32	0.84
Spionidae		4	8	7	9	1	29	5.80	2.93	1.48	2.17-9.43	5	3.47
Syllidae		3	9	7	0	4	23	4.60	3.14	2.14	0.71-8.49	11	2.75
Terebellidae		3	1	6	5	4	19	3.80	1.72	0.78	1.66-5.93	13	2.27
Tridichobanchidae		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	58	0.36
Nemertina		0	4	0	1	0	5	1.00	1.55	2.40	0.00-2.92	47	0.60
Sipunculida		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	111	0.12
Oligochaeta		6	0	1	4	6	17	3.40	2.50	1.84	0.30-6.50	14	2.03
<i>Acteocina canaliculata</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	59	0.36
<i>Anadara notabilis</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	77	0.24
<i>Brachidontes exustus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	112	0.12
<i>Bulla striata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	78	0.24
<i>Caecum pulchellum</i>		23	1	2	15	4	45	9.00	8.60	8.22	0.00-19.67	2	5.38
<i>Cantharus multangulus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.12
<i>Cardiomya gemma</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.12
<i>Chione cancellata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	79	0.24
<i>Dentalium antillarum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.12
<i>Diplodonta punctata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	116	0.12
<i>Elysia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	117	0.12
<i>Eupleura sulcidentata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	118	0.12
<i>Linga amiantus</i>		1	0	3	2	0	6	1.20	1.17	1.13	0.00-2.64	41	0.72
<i>Marginella apicina</i>		1	1	2	0	2	6	1.20	0.75	0.47	0.27-2.12	42	0.72
<i>Marginella eburneola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	119	0.12
<i>Meioceras nitida</i>		4	2	6	26	8	46	9.20	8.63	8.10	0.00-19.91	1	5.50
<i>Modulus modulus</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	80	0.24
<i>Nucula proxima</i>		1	0	0	1	1	3	0.60	0.40	0.49	0.00-1.20	60	0.36
<i>Olivella perplexa</i>		4	1	0	0	0	5	1.00	1.55	2.40	0.00-2.92	48	0.60

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Parvilucina multilineata</i>		2	1	1	3	0	7	1.40	1.02	0.74	0.13-2.66	33	0.84
<i>Tellina versicolor</i>		2	2	3	2	2	11	2.20	0.40	0.07	1.70-2.69	20	1.32
Dorididae sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	120	0.12
Holothuroides sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	121	0.12
<i>Amphiodia pulchella</i>		1	3	2	3	1	10	2.00	0.89	0.40	0.00-3.11	25	1.20
<i>Ophiactis savignyi</i>		9	1	11	2	1	24	4.80	4.31	3.87	0.00-10.14	9	2.87
<i>Scoloplos (Leodamus) rubra</i>		3	1	2	0	0	6	1.20	1.17	1.13	0.00-2.64	43	0.72
<i>Aricidea philbinae</i>		12	8	7	3	5	35	7.00	3.03	1.31	3.23-10.76	4	4.19
Paraonides n. sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.12
<i>Minuspio cirrifera</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	81	0.24
<i>Prionospio cristata</i>		4	6	7	9	1	27	5.40	2.73	1.38	2.01-8.78	7	3.23
<i>Caulleriella alata</i>		1	4	2	4	2	13	2.60	1.20	0.55	1.11-4.08	18	1.56
cf. <i>Caulleriella killariensis</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	61	0.36
cf. <i>Cirratulus</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	123	0.12
<i>Tharyx annulosus</i>		2	3	0	0	1	6	1.20	1.17	1.13	0.00-2.64	44	0.72
<i>Capitella capitata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	124	0.12
<i>Capitellides jonesi</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	82	0.24
<i>Dasybranchus lunulatus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	125	0.12
<i>Mediomastus</i> sp.		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	83	0.24
near <i>Pseudoleio-capitella</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.12
<i>Scyphoproctus platyproctus</i>		1	3	4	0	0	8	1.60	1.62	1.65	0.00-3.61	29	0.96
<i>Praxillella</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	127	0.12
<i>Eulalia (Eumida) sanguinea</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	62	0.36
<i>Phyllodoce (N.) fragilis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	128	0.12
<i>Lepidonotus sublevis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.12
Polynoidae undet. sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	130	0.12
cf. <i>Gyptis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	131	0.12
<i>Ehlersia</i> sp. A		0	2	5	0	2	9	1.80	1.83	1.97	0.00-4.07	27	1.08
cf. <i>Eusyllis</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	132	0.12
<i>Exogone dispar</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	133	0.12
<i>Odontosyllis</i> sp.		2	2	1	0	2	7	1.40	0.80	0.46	0.41-2.39	34	0.84
<i>Typosyllis annularis</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	84	0.24
<i>Typosyllis</i> sp C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	134	0.12
Syllidae (Eusyllinae) sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.12
<i>Nereis (Neanthes) acuminata</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	63	0.36
<i>Platynereis dumerilii</i>		1	2	2	2	0	7	1.40	0.80	0.46	0.41-2.39	35	0.84
<i>Glycinde solitaria</i>		2	4	4	2	2	14	2.80	0.98	0.34	1.58-4.01	17	1.67
<i>Eunice filamentosa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	136	0.12
<i>Eunice vittatopsis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	137	0.12
<i>Lumbrineris verrilli</i>		15	4	2	3	0	24	4.80	5.27	5.78	0.00-11.34	10	2.87

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	85	0.24
<i>Schistomeringos</i> <i>rudolphi</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	64	0.36
<i>Pherusa inflata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	138	0.12
<i>Piromis eruca</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	86	0.24
<i>Sabellaria vulgaris</i>		0	0	6	3	1	10	2.00	2.28	2.60	0.00-4.83	26	1.20
<i>Melinna maculata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	139	0.12
cf. <i>Lanicides</i> sp.		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	87	0.24
<i>Polycirrus eximius</i>		0	0	4	1	0	5	1.00	1.55	2.40	0.00-2.92	49	0.60
<i>Streblosoma hartmanae</i>		2	1	2	2	0	7	1.40	0.80	0.46	0.41-2.39	36	0.84
Terebellidae sp. indet.		0	0	0	2	3	5	1.00	1.26	1.60	0.00-2.57	50	0.60
<i>Terebellides stroemi</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	65	0.36
<i>Branchiomma</i> <i>nigromaculata</i>		1	3	0	2	1	7	1.40	1.02	0.74	0.13-2.66	37	0.84
Sabellidae sp. A (n. gen., sp.)		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	140	0.12

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		192	165	193	185	101	836	167.20	34.60	7.16
Number of taxa		62	60	71	63	52	308	61.60	6.09	
Shannon-Weaver H' (log 10)		1.55	1.64	1.73	1.59	1.62	1.85	1.63	0.06	
Dominance (1 - Simpson Index)		0.96	0.98	0.98	0.96	0.98	0.98	0.97	0.00	



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 9 (#42). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Paracerceis caudata</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	44	0.21
<i>Apanthura magnifica</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.11
Nemertina		21	0	3	4	0	28	5.60	7.86	11.04	0.00-15.36	4	2.96
Nematoda		14	0	1	11	2	28	5.60	5.75	5.90	0.00-12.73	5	2.96
Sipuncula sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.11
Harpachoida spp.		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	37	0.32
<i>Balanus improvisus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.21
<i>Kalliapseudes n. sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.11
Caridea post larva		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.11
<i>Periclimenes americanus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	71	0.11
<i>Alpheus normanni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	72	0.11
<i>Ampelisca abdita</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	73	0.11
<i>Lembos unicornis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	46	0.21
<i>Leucothoe spinicarpa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.11
<i>Lysianassa alba</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.11
<i>Lembos sp.</i>		0	0	0	0	6	6	1.20	2.40	4.80	0.00-4.17	20	0.63
Ampharetidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.11
Capitellidae		1	3	1	1	0	6	1.20	0.98	0.80	0.00-2.41	21	0.63
Cirratulidae		16	2	0	2	4	24	4.80	5.74	6.97	0.00-11.92	8	2.54
Dorvilleidae		3	0	0	1	0	4	0.80	1.17	1.70	0.00-2.24	27	0.42
Flabelligeridae		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	47	0.21
Glyceridae		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	48	0.21
Goniadidae		4	2	4	2	5	17	3.40	1.20	0.42	1.91-4.88	9	1.80
Lumbrineris		5	6	11	4	4	30	6.00	2.61	1.13	2.76-9.23	3	3.17
Magelonidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.11
Nereidae		5	2	0	0	3	10	2.00	1.90	1.80	0.00-4.35	14	1.06
Orbiniidae		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	28	0.42
Paraonidae		5	0	1	1	2	9	1.80	1.72	1.64	0.00-3.93	17	0.95
Phyllodocidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.11
Poecilochaetidae		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.11
Polynoidae		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	49	0.21
Sabellidae		7	1	0	1	1	10	2.00	2.53	3.20	0.00-5.14	15	1.06
Spionidae		3	1	4	1	1	10	2.00	1.26	0.80	0.43-3.57	16	1.06
Syllidae		6	2	2	2	4	16	3.20	1.60	0.80	1.21-5.18	11	1.69
Terebellidae		4	2	2	0	4	12	2.40	1.50	0.93	0.54-4.25	13	1.27
Trichobranchidae		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	38	0.32
Nemertina		0	3	1	0	0	4	0.80	1.17	1.70	0.00-2.24	29	0.42
Oligochaeta		5	2	6	2	12	27	5.40	3.67	2.49	0.00-9.95	6	2.85
<i>Acteocina canaliculata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	80	0.11
<i>Anomia simplex</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.11

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Caecum pulchellum</i>		104	13	243	0	48	408	81.60	88.37	95.70	0.00-191.30	1	43.13
<i>Chione cancellata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	50	0.21
<i>Corbula</i> sp. A		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	23	0.53
<i>Crepidula maculosa</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	39	0.32
<i>Diplodonta punctata</i>		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	40	0.32
<i>Haminoea antillarum</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	51	0.21
<i>Haminoea succinea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.11
<i>Laevicardium mortoni</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	52	0.21
<i>Linga amiantus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.11
<i>Macoma tenta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.11
<i>Marginella aureocincta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.11
<i>Meioceras nitida</i>		31	7	18	0	2	58	11.60	11.53	11.47	0.00-25.91	2	6.13
<i>Nucula proxima</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.11
<i>Olivella perplexa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.11
<i>Parvilucina multilineata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	53	0.21
<i>Pseudomiltha floridana</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	54	0.21
<i>Tagelus divisus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	88	0.11
<i>Tellina versicolor</i>		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	30	0.42
<i>Turbonilla</i> sp. B		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	55	0.21
<i>Turbonilla</i> sp. E		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	89	0.11
<i>Gastropteron</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.11
<i>Gemma gemma</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.11
<i>Parastarte triquetra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.11
<i>Ophionepthys limicola</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	93	0.11
<i>Amphiodia pulchella</i>		0	0	1	3	1	5	1.00	1.10	1.20	0.00-2.35	24	0.53
<i>Micropholis gracillima</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	56	0.21
<i>Ophiactis savignyi</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	57	0.21

POLYCHAETES

<i>Naineris setosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.11
<i>Scoloplos (Leodamus)</i> <i>rubra</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	41	0.32
<i>Aricidea fragilis</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	58	0.21
<i>Aricidea philbinae</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	59	0.21
<i>Aricidea</i> sp. C		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	42	0.32
Paraonidae n. sp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	60	0.21
<i>Minuspio cirrifera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	95	0.11
<i>Prionospio cristata</i>		0	1	2	0	1	4	0.80	0.75	0.70	0.00-1.72	31	0.42
<i>Prionospio</i> <i>heterobranchia</i>		3	0	2	0	0	5	1.00	1.26	1.60	0.00-2.57	25	0.53
<i>Magelona pettiboneae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.11
<i>Poecilochaetus johnsoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.11
<i>Caulleriella alata</i>		5	0	0	1	0	6	1.20	1.94	3.13	0.00-3.60	22	0.63
cf. <i>Caulleriella</i> <i>killariensis</i>		11	2	0	0	4	17	3.40	4.08	4.89	0.00-8.46	10	1.80
<i>Tharyx annulosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	98	0.11
<i>Mediomastus</i> sp.		1	2	1	0	0	4	0.80	0.75	0.70	0.00-1.72	32	0.42
<i>Notomastus hemipodus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	99	0.11

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
near <i>Pseudoleio-</i> <i>capitella</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.11
<i>Eulalia (Eumida)</i> <i>sanguinea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.11
<i>Lepidonotus sublevis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.11
Polynoidae undet. sp. D		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.11
<i>Gyptis brevipalpa</i>		2	0	0	0	0	2	0.40	0.40	1.60	0.00-1.39	61	0.21
<i>Podarke obscura</i>		1	0	3	1	0	5	1.00	1.10	1.20	0.00-2.35	26	0.53
<i>Ehlersia</i> sp. A		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	33	0.42
<i>Exogone arenosa</i>		2	0	0	2	0	4	0.80	0.98	1.20	0.00-2.01	34	0.42
<i>Exogone verugera</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.11
<i>Sphaerosyllis</i> sp.		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	62	0.21
<i>Nereis (Neanthes)</i> <i>acuminata</i>		2	1	0	0	1	4	0.80	0.75	0.70	0.00-1.72	35	0.42
<i>Platynereis dumerilii</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	63	0.21
<i>Glycera abbranchiata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	64	0.21
<i>Glycinde solitaria</i>		4	1	4	2	4	15	3.00	1.26	0.53	1.43-4.57	12	1.59
<i>Lumbrineris latreilli</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	65	0.21
<i>Lumbrineris verrilli</i>		2	6	10	4	4	26	5.20	2.71	1.42	1.83-8.56	7	2.75
<i>Schistomeringos</i> <i>rudolphi</i>		3	0	0	1	0	4	0.80	1.17	1.70	0.00-2.24	36	0.42
<i>Piromis eruca</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	66	0.21
<i>Melinna maculata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.11
<i>Streblosoma hartmanae</i>		0	2	2	0	3	7	1.40	1.20	1.03	0.00-2.88	18	0.74
Terellebidae sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	106	0.11
<i>Terebellides stroemi</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	43	0.32
<i>Branchiomma</i> <i>nigromaculata</i>		5	1	0	1	0	7	1.40	1.85	2.46	0.00-3.70	19	0.74
<i>Pseudobranchiomma</i> <i>emersoni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.11
Sabellidae sp. A (n. gen., sp.)		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.11
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		303	99	348	58	138	946	189.20	115.01	69.91			
Number of taxa		48	49	41	31	40	209	41.80	6.49				
Shannon-Weaver H' (log 10)		1.22	1.55	0.68	1.35	1.23	1.26	1.21	0.29				
Dominance (1 - Simpson Index)		0.86	0.97	0.51	0.95	0.87	0.80	0.83	0.02				

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 10 (#44). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Tedania ignis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.05
<i>Halichondria</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.05
<i>Carpas stylodactylus</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	56	0.10
<i>Paracerceis caudata</i>		0	1	0	0	3	4	0.80	1.17	1.70	0.00-2.24	38	0.20
<i>Apanthura magnifica</i>		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	47	0.15
Amphipod		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.05
Tanaid		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	48	0.15
Chaetognatha		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	74	0.05
Nemertina		3	2	0	7	0	12	2.40	2.58	2.77	0.00-5.59	20	0.61
Nematoda		1	8	0	7	0	16	3.20	3.54	3.93	0.00-7.59	18	0.81
Sipuncula sp. A		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	57	0.10
<i>Oxyurostylis</i> sp. A		0	0	1	0	4	5	1.00	1.55	2.40	0.00-2.92	35	0.25
Myodocopa spp.		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	58	0.10
<i>Mysidopsis bigelowi</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	59	0.10
Kalliapseudes n. sp. A		0	0	4	9	3	16	3.20	3.31	3.43	0.00-7.30	19	0.81
<i>Ampelisca vadorum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.05
<i>Cerapus</i> n. sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.05
<i>Cymadusa filosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	77	0.05
<i>Dulichella appendiculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	78	0.05
<i>Erichthonius brasiliensis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	79	0.05
<i>Erichthonius rubricornis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	60	0.10
<i>Leucothoe spinicarpa</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	61	0.10
<i>Listriella barnardi</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	49	0.15
<i>Acuminodeutopus naglei</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	62	0.10
<i>Lembos</i> sp.		0	1	0	0	3	4	0.80	1.17	1.70	0.00-2.24	39	0.20
Isopoda		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.05
Pinnixa sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	81	0.05
Ampharetidae		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	63	0.10
Amphinomidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.05
Arabellidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	83	0.05
Capitellidae		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	40	0.20
Chaeropteridae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.05
Cirratulidae		14	4	3	8	12	41	8.20	4.31	2.26	2.85-13.54	5	2.07
Dorvilleidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.05
Eunicidae		0	3	0	3	2	8	1.60	1.36	1.15	0.00-3.28	27	0.40
Glyceridae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.05
Goniadidae		1	1	1	6	3	12	2.40	1.96	1.60	0.00-4.83	21	0.61
Lumbrineridae		6	6	1	8	2	23	4.60	2.65	1.53	1.31-7.89	13	1.16
Maldanidae		5	12	1	10	10	38	7.60	4.03	2.14	2.60-12.60	7	1.92
Nereidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.05

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Orbiniidae		17	9	0	6	15	47	9.40	6.15	4.03	1.76-17.03	4	2.37
Paranoidae		8	7	2	7	14	38	7.60	3.83	1.93	2.85-12.35	8	1.92
Poecilochaetidae		1	1	0	0	3	5	1.00	1.10	1.20	0.00-2.35	36	0.25
Polynoidae		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.05
Sabellidae		1	2	0	1	3	7	1.40	1.02	0.74	0.13-2.66	28	0.35
Spionidae		2	3	2	7	6	20	4.00	2.10	1.10	1.40-6.60	15	1.01
Syllidae		14	28	2	18	14	76	15.20	8.35	4.59	4.83-25.56	2	3.83
Nemertina		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	64	0.10
Oligochaeta		9	11	0	13	5	38	7.60	4.63	2.82	1.05-13.34	9	1.92
<i>Acteocina canaliculata</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.06	50	0.15
<i>Acteon punctostriatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.05
<i>Arcopsis adamsi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.05
<i>Caecum pulchellum</i> *		298	783	8	0	13	1102	220.40	303.07	416.74	0.00-596.64	1	55.57
<i>Chione cancellata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	65	0.10
<i>Diplodonta punctata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.05
<i>Elysia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.05
Galeommatacea sp. B		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	51	0.15
<i>Granulina ovuliformis</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	52	0.15
<i>Haminoea succinea</i>		2	7	1	0	0	10	2.00	2.61	3.40	0.00-5.23	24	0.50
<i>Laevicardium mortoni</i>		7	0	0	1	4	12	2.40	2.73	3.10	0.00-5.78	22	0.61
<i>Marginella apicina</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.05
<i>Marginella aureocincta</i>		1	3	0	0	0	4	0.80	1.17	1.70	0.00-2.24	41	0.20
<i>Meioceras nitida</i>		1	3	0	0	3	7	1.40	1.36	1.31	0.00-3.08	29	0.35
<i>Mitrella lunata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.05
<i>Odostomia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.05
<i>Odostomia</i> sp. E		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.05
<i>Olivella perplexa</i>		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	42	0.20
<i>Pitar simpsoni</i>		1	0	0	1	2	4	0.80	0.75	0.70	0.00-1.72	43	0.20
<i>Strombiformis hemphilli</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.05
<i>Tagelus divisus</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	66	0.10
<i>Tellina versicolor</i>		3	2	1	0	3	9	1.80	1.17	0.76	0.35-3.24	25	0.45
<i>Triphora nigrocincta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.05
<i>Turbonilla</i> sp. E		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	53	0.15
<i>Turbonilla</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.05
<i>Turbonilla</i> sp. G		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.05
<i>Vermicularia spirata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.05
Aclididae sp. B		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.05
<i>Finella dubia</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	103	0.05
<i>Lioberus castaneus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	104	0.05
<i>Rissoina cancellata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.05
<i>Astichopus multifidus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.05
<i>Ophionephthys limicola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.05
<i>Amphiodia pulchella</i>		1	0	0	1	4	6	1.20	1.47	1.80	0.00-3.02	32	0.30

\* Values are as follows: *Caecum pulchellum*, 298, 783, 8, 0, 13, 1102, 220.40, 303.07, 416.74, 0.00-596.64, 1, 55.57

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
POLYCHAETES													
<i>Micropholis gracillima</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.05
<i>Ophiactis savignyi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.05
<i>Scoloplos (Leodamus) rubra</i>		16	12	0	6	16	50	10.00	6.20	3.84	2.31-17.69	3	2.52
<i>Aricidea</i> sp. C		6	6	2	6	13	33	6.60	3.56	1.92	2.19-11.01	10	1.66
<i>Paraonides</i> sp. C		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	67	0.10
<i>Minuspio cirrifera</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	68	0.10
<i>Polydora plena</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	110	0.05
<i>Prionospio cristata</i>		0	0	2	2	0	4	0.80	0.98	1.20	0.00-2.01	44	0.20
<i>Prionospio heterobranchia</i>		2	2	0	2	1	7	1.40	0.80	0.46	0.41-2.39	30	0.35
<i>Pseudopolydora</i> cf. <i>pulchra</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	69	0.10
<i>Pseudopolydora</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	111	0.05
<i>Scolecopsis squamata</i>		1	0	0	2	1	4	0.80	0.75	0.70	0.00-1.72	45	0.20
<i>Poecilochaetus johnsoni</i>		1	1	0	0	3	5	1.00	1.10	1.20	0.00-2.35	37	0.25
<i>Spiochaetopterus costarum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.05
<i>Caulleriella alata</i>		2	2	2	6	5	17	3.40	1.74	0.89	1.24-5.56	17	0.86
cf. <i>Caulleriella killariensis</i>		11	1	1	1	7	21	4.20	4.12	4.04	0.00-9.31	14	1.06
<i>Cirriformia</i> sp. B		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.05
<i>Mediomastus</i> sp.		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	54	0.15
<i>Scyphoproctus platyproctus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.05
<i>Axiothella mucosa</i>		6	12	1	10	11	40	8.00	4.05	2.05	2.97-13.02	6	2.02
Polynoidae undet. sp. D		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.05
<i>Podarke obscura</i>		2	2	0	0	2	6	1.20	0.98	0.80	0.00-2.41	33	0.30
<i>Ehlersia</i> sp. A		4	7	1	4	11	27	5.40	3.38	2.12	1.20-9.59	12	1.36
<i>Exogone arenosa</i>		6	15	1	7	2	31	6.20	4.96	3.96	0.05-12.35	11	1.56
<i>Exogone dispar</i>		2	1	0	4	2	9	1.80	1.33	0.98	0.15-3.44	26	0.45
<i>Typosyllis</i> sp. A		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	55	0.15
<i>Typosyllis</i> sp. T		1	2	0	1	0	4	0.80	0.75	0.70	0.00-1.72	46	0.20
<i>Ceratonereis irritabilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	116	0.05
<i>Glycera abbranchiata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	117	0.05
<i>Glycinde solitaria</i>		1	1	1	6	3	12	2.40	1.96	1.60	0.00-4.83	23	0.61
<i>Linopherus canariensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	118	0.05
<i>Eunice cariboea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	119	0.05
<i>Nematonereis unicornis</i>		0	3	0	3	1	7	1.40	1.36	1.31	0.00-3.08	31	0.35
<i>Lumbrineris latreilli</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	120	0.05
<i>Lumbrineris verrilli</i>		5	3	1	8	1	18	3.60	2.65	1.96	0.31-6.89	16	0.91
<i>Arabella</i> (C.) <i>nultidentata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	121	0.05

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.05
<i>Isolda pulchella</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	70	0.10
<i>Chone</i> sp.		1	2	0	1	2	6	1.20	0.75	0.47	0.27-2.12	34	0.30
<i>Fabricia sabella</i>		0	0	0	0	1	1	0.20	0.40	0.40	0.00-0.69	123	0.05

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Total		485	1019	50	190	239	1983	396.60	341.42	293.92
Number of taxa		55	77	31	40	62	265	53.00	16.21	
Shannon-Weaver H' (log 10)		0.87	0.61	1.39	1.46	1.59	1.05	1.19	0.38	
Dominance (1 - Simpson Index)		0.62	0.41	0.96	0.96	0.97	0.69	0.78	0.08	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 11 (#47). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona cf. molitba</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.01
<i>Carpias* stylodactylus</i>		249	426	520	104	270	1569	313.80	145.08	67.08	133.69-493.91	1	23.13
<i>Paracerceis caudata</i>		45	56	66	38	26	231	46.20	13.89	4.18	28.95-63.44	6	3.41
<i>Erichsonella filiformis isabel.</i>		0	3	2	5	2	12	2.40	1.62	1.10	0.38-4.41	46	0.18
Amphipod		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	78	0.04
Tunicate		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.01
Chaetognatha		7	0	29	0	0	36	7.20	11.23	17.52	0.00-21.14	28	0.53
Anthozoa		1	7	2	0	4	14	2.80	2.48	2.20	0.00-5.88	43	0.21
Ctenophora		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.01
Turbellaria		3	18	38	5	5	69	13.80	13.23	12.68	0.00-30.22	18	1.02
Nemertina		34	72	45	0	6	3214	42.80	25.20	14.84	11.52-74.08	8	3.15
Nematoda		20	27	50	2	20	119	23.80	15.50	10.09	4.56-43.03	10	1.75
Sipuncula sp. A		2	0	2	0	0	4	0.80	0.98	1.20	0.00-2.01	73	0.06
Cumacea sp. B		0	1	1	0	0	2	0.40	0.49	0.60	6.00-1.00	85	0.03
Harpachoida spp.		5	25	44	9	3	86	17.20	15.47	13.92	0.00-36.40	11	1.27
Myodocopa spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.01
Podocopa spp.		17	97	580	15	23	732	146.40	218.95	327.44	0.00-418.21	3	10.79
Dikonophora sp.		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	79	0.04
<i>Alpheus armillatus</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	86	0.03
<i>Alpheus heterochaelis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	104	0.01
<i>Thor floridanus</i>		10	4	18	6	2	40	8.00	5.66	4.00	0.00-15.02	25	0.59
Pycnogonida		3	1	8	2	1	15	3.00	2.61	2.27	0.00-6.23	41	0.22
<i>Cymadusa compta</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	74	0.06
<i>Cymadusa filosa</i>		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	63	0.07
<i>Dulichella appendiculata</i>		20	51	270	17	25	383	76.60	97.44	123.96	0.00-197.57	4	5.65
<i>Elasmopus laevis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.01
<i>Lembos unicornis</i>		11	9	22	8	0	50	10.00	7.07	5.00	1.22-18.77	22	0.74
<i>Lysianassa alba</i>		0	9	13	0	3	25	5.00	5.18	5.36	0.06-11.42	31	0.37
<i>Caprella equilibra</i>		6	7	18	2	0	33	6.60	6.25	5.92	0.00-14.35	29	0.49
Isopoda		6	0	0	0	0	6	1.20	2.40	4.80	0.00-4.17	60	0.09
<i>Neopanope packardii</i>		0	0	1	2	1	4	0.80	0.75	0.70	0.00-1.72	75	0.06
<i>Panopeus occidentalis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	106	0.01
Acrocirridae		26	4	12	10	17	69	13.80	7.39	3.95	4.63-22.97	19	1.02
Amphinomidae		48	23	67	43	55	236	47.20	14.54	4.48	29.15-65.24	5	3.48
Capitellidae		3	3	1	4	11	22	4.40	3.44	2.69	0.13-8.67	36	0.32
Cirratulidae		12	9	24	18	11	74	14.80	5.49	2.04	7.98-21.61	16	1.09
Dorvilleidae		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	87	0.03
Eunicidae		2	1	9	7	3	22	4.40	3.07	2.15	0.59-8.21	37	0.32

\* Values are as follows: *Carpias stylodactylus*, 249, 426, 520, 104, 270, 1569, 313.80, 145.08, 67.08, 133.69-493.91, 1, 23.13



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Flabelligeridae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	107	0.01
Lumbrineridae		1	0	1	1	0	3	0.60	0.49	0.40	0.00-1.20	80	0.04
Nereidae		0	0	4	4	0	8	1.60	1.96	2.40	0.00-4.03	53	0.12
Orbiniidae		4	4	13	9	7	37	7.40	3.38	1.55	3.20-11.59	27	0.55
Sabellidae		6	12	21	4	5	48	9.60	6.34	4.19	1.72-17.47	23	0.71
Serpulidae		0	65	2	1	5	73	14.60	25.26	43.69	0.00-45.95	17	1.08
Spionidae		1	1	1	3	1	7	1.40	0.80	0.45	0.41-2.39	56	0.10
Syllidae		20	55	94	20	42	231	46.20	27.40	16.25	12.19-80.21	7	3.41
Terebellidae		10	3	21	11	2	47	9.40	6.83	4.96	0.92-17.87	24	0.69
Trichobranchidae		0	5	6	7	3	21	4.20	2.48	1.47	1.12-7.28	38	0.31
Nemertina		2	0	0	3	0	5	1.00	1.26	1.60	0.00-2.57	64	0.07
Oligochaeta		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	108	0.01
Aeolidiidae sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.01
<i>Anachis hotessieriana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	110	0.01
<i>Anomia simplex</i>		1	1	1	2	0	5	1.00	0.63	0.40	0.21-1.78	65	0.07
<i>Arcopsis adamsi</i>		4	3	10	0	1	18	3.60	3.50	3.40	0.00-7.94	39	0.27
<i>Barbatia candida</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	88	0.03
<i>Bittium varium</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	111	0.01
<i>Brachidontes exustus</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	89	0.03
<i>Caecum pulchellum</i> *		183	447	355	119	781	1182	236.40	141.52	84.72	60.70-412.09	2	17.43
<i>Carditamera floridana</i>		1	2	1	0	1	5	1.00	0.63	0.40	0.21-1.78	66	0.07
<i>Cerithium eburneum</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	81	0.04
<i>Cochliolepis parasitica</i>		2	3	4	3	0	12	2.40	1.36	0.77	0.72-4.08	47	0.18
<i>Cylindrobulla beauui</i>		1	1	0	1	2	5	1.00	0.63	0.40	0.21-1.78	67	0.07
<i>Diodora listeri</i>		2	1	5	0	0	8	1.60	1.85	2.15	0.00-3.90	54	0.12
Galeommatacea sp. B		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.01
<i>Lima pellucida</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	90	0.03
<i>Meioceras nitida</i>		0	11	3	0	3	17	3.40	4.03	4.78	0.00-8.40	40	0.25
<i>Modulus modulus</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	82	0.04
<i>Modulus modulus</i>		0	1	3	3	0	7	1.40	1.36	1.31	0.00-3.08	57	0.10
<i>Odostomia</i> sp. B		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.01
<i>Rissoella caribaea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.01
<i>Rissoina catesbyana</i>		0	1	0	6	0	7	1.40	2.33	3.89	0.00-4.29	58	0.10
<i>Thala foveata</i>		3	1	0	0	0	4	0.80	1.17	1.70	0.00-2.24	76	0.06
<i>Turbo castanea</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	91	0.03
<i>Turbonilla</i> sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.01
<i>Turbonilla</i> sp. D		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	92	0.03
<i>Vermicularia knorrii</i>		2	1	2	2	0	7	1.40	0.80	0.46	0.41-2.39	59	0.10
<i>Vermicularia spirata</i>		16	1	0	8	0	25	5.00	6.26	7.84	0.00-12.77	32	0.37
Aclididae sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	116	0.01
<i>Alvania auberiana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	117	0.01
Aplysiidae sp. A		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	77	0.06
<i>Caecum heladum</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	93	0.03
<i>Circulus suppressus</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	94	0.03

\* Values are as follows: *Caecum pulchellum*, 183, 447, 355, 119, 78, 1182, 236.40, 141.52, 84.72, 60.70-412.09, 2, 17.43

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Odostomia</i> sp. D		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	83	0.04
<i>Holothuria floridana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	118	0.01
<i>Leptosynapta</i>		0	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	95	0.03
<i>Echinaster sentus</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	84	0.04
<i>Axiognathus squamatus</i>		6	0	6	1	0	13	2.60	2.80	3.02	0.00-6.07	45	0.19
<i>Ophiactis savignyi</i>		2	9	4	6	8	29	5.80	2.56	1.13	2.62-8.97	30	0.43
<i>Gobiosoma robustum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	119	0.01

POLYCHAETES

<i>Naineris setosa</i>		4	4	15	9	7	39	7.80	4.07	2.12	2.75-12.85	26	0.57
<i>Scoloplos (Leodamus) rubra</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	120	0.01
<i>Minuspio cirrifera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	121	0.01
<i>Prionospio heterobranchia</i>		1	1	1	2	0	5	1.00	0.63	0.40	0.21-1.78	68	0.07
<i>Caulleriella alata</i>		0	0	5	1	4	10	2.00	2.10	2.20	0.00-4.60	51	0.15
<i>Cirriformia filigera</i>		0	0	1	4	0	5	1.00	1.55	2.40	0.00-2.92	69	0.07
<i>Cirriformia</i> sp. B.		11	9	17	10	30	77	15.40	7.81	3.96	5.70-25.09	13	1.14
cf. <i>Tharyx</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	122	0.01
<i>Macrochaeta</i> sp.		24	3	15	10	17	69	13.80	7.03	3.58	5.08-22.52	20	1.02
<i>Capitellides giardi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	123	0.01
<i>Mediomastus</i> sp.		2	2	0	3	8	15	3.00	2.68	2.40	0.00-6.33	42	0.22
<i>Scyphoproctus platyproctus</i>		1	2	1	0	2	6	1.20	0.75	0.47	0.27-2.12	61	0.09
<i>Podarke obscura</i>		0	1	7	1	0	9	1.80	2.64	3.87	0.00-5.07	52	0.13
<i>Ehlersia</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	124	0.01
<i>Exogone arenosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	125	0.01
<i>Exogone verugera</i>		0	2	3	1	5	11	2.20	1.72	1.35	0.06-4.33	49	0.16
<i>Odontosyllis</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.01
<i>Pseudosyllides curacaoensis</i>		0	2	6	1	2	11	2.20	2.04	1.89	0.00-4.73	50	0.16
<i>Syllides bansei</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	96	0.03
<i>Typosyllis annularis</i>		3	7	35	3	8	56	11.20	12.07	13.01	0.00-26.18	21	0.83
<i>Typosyllis</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	127	0.01
<i>Typosyllis</i> sp. F		13	39	43	12	20	127	25.40	13.09	6.75	9.14-41.65	9	1.87
<i>Typosyllis</i> sp. S		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	128	0.01
<i>Typosyllis</i> sp. T		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.01
<i>Platynereis dumerilii</i>		0	0	4	1	0	5	1.00	1.55	2.40	0.00-2.92	70	0.07
<i>Eurythoe complanata</i>		12	19	42	3	0	76	15.20	14.99	14.77	0.00-33.80	15	1.12
<i>Linopherus canariensis</i>		30	2	8	39	0	79	15.80	15.75	15.71	0.00-35.35	12	1.16
<i>Eunice vittatopsis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	130	0.01
<i>Marphysa sanguinea</i>		1	1	3	2	1	8	1.60	0.80	0.40	0.61-2.59	55	0.12
<i>Nematonereis unicornis</i>		1	0	7	5	1	14	2.80	2.71	2.63	0.00-6.16	144	0.21
<i>Lumbrineris latreilli</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	97	0.03
<i>Dorvillea rubra</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	98	0.03
<i>Piromis eruca</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	131	0.01
cf. <i>Lanicides</i> sp.		3	1	0	0	1	5	1.00	1.10	1.20	0.00-2.35	71	0.07

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Polycirrus</i> sp.		5	2	17	0	0	24	4.80	6.37	8.45	0.00-12.70	34	0.35
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	132	0.01
<i>Terebellides stroemi</i>		1	5	9	7	3	25	5.00	2.83	1.60	1.49-8.51	33	0.37
<i>Trichobranchus glacialis</i>		0	0	0	4	1	5	1.00	1.55	2.40	0.00-2.92	72	0.07
<i>Branchiomma nigromaculata</i>		0	3	1	0	2	6	1.20	1.17	1.13	0.00-2.64	62	0.09
<i>Fabricia sabella</i>		5	4	11	1	3	24	4.80	3.37	2.37	0.62-8.98	35	0.35
<i>Sabella variegata</i>		0	3	6	3	0	12	2.40	2.24	2.10	0.00-5.18	48	0.18
<i>Hydroides dianthus</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	99	0.03
<i>Membranopsis inconspicua</i>		1	71	1	0	4	77	15.40	27.83	50.30	0.00-49.95	14	1.14

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		932	1681	2683	654	833	6783	1356.60	750.02	414.66
Number of taxa		69	79	97	76	61	372	74.40	8.85	
Shannon-Weaver H' (log 10)		1.26	1.15	1.22	1.43	1.22	1.32	1.26	0.10	
Dominance (1 - Simpson Index)		0.88	0.85	0.88	0.93	0.87	0.89	0.68	0.01	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 12 (#48). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Chondrilla nucula</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	53	0.16
<i>Carpas stylodactylus</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	41	0.32
<i>Paracerceis caudata</i>		1	0	1	0	4	6	1.20	1.47	1.80	0.00-3.02	20	0.97
<i>Erichsonella filiformis isabel.</i>		0	0	2	1	0	3	0.60	0.80	1.07	0.00-1.59	32	0.48
Tanaid		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	54	0.16
Tunicate		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	33	0.48
Chaetognatha		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	42	0.32
Turbellaria		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.16
Nemertina		2	2	0	15	0	19	3.80	5.67	8.46	0.00-10.84	8	3.06
Nematoda		25	3	1	7	0	36	7.20	9.22	11.80	0.00-18.64	4	5.81
<i>Phascolion cryptus</i>		3	0	1	1	1	6	1.20	0.98	0.80	0.00-2.41	21	0.97
<i>Myodocopa</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.16
<i>Dikonophora</i> sp.		2	0	18	1	5	26	5.20	6.62	8.42	0.00-13.41	1	4.19
<i>Penaeus</i> cf. <i>brasiliensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.16
<i>Periclimenes americanus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.16
<i>Alpheus</i> sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.16
<i>Hippolyte pleuracantha</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	43	0.32
<i>Thor</i> sp.		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	44	0.32
<i>Batea catharinensis</i>		2	1	4	0	0	7	1.40	1.50	1.60	0.00-3.25	18	1.13
<i>Corophium acherusicum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.16
<i>Cymadusa filosa</i>		1	0	10	0	1	12	2.40	3.83	6.10	0.00-7.15	11	1.94
<i>Dulichella appendiculata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.32
<i>Erichthonius brasiliensis</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	34	0.48
<i>Erichthonius rubricornis</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	46	0.32
<i>Lembos brunneomaculatus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	61	0.16
<i>Lembos</i> sp.		0	0	5	1	2	8	1.60	1.85	2.15	0.00-3.90	16	1.29
Caprellidae		2	0	0	3	0	5	1.00	1.26	1.60	0.00-2.57	23	0.81
Cirratulidae		1	7	3	2	16	29	5.80	5.49	5.20	0.00-12.61	6	4.68
Dorvilleidae		2	1	3	0	0	6	1.20	1.17	1.13	0.00-2.64	22	0.97
Gornadidae		1	3	0	0	1	5	1.00	1.10	1.20	0.00-2.35	24	0.81
Lumbrineridae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	62	0.16
Nereidae		2	1	2	2	2	9	1.80	0.40	0.09	1.30-2.29	14	1.45
Orbiniidae		1	1	1	3	1	7	1.40	0.80	0.46	0.41-2.39	19	1.13
Paraonidae		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	27	0.65
Sabellidae		5	0	30	4	22	61	12.20	11.67	11.16	0.00-26.68	2	9.84
Serpulidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	63	0.16
Spionidae		1	0	4	3	0	8	1.60	1.62	1.65	0.00-3.61	17	1.29
Syllidae		13	0	5	3	10	31	6.20	4.71	3.57	0.36-12.04	5	5.00
Oligochaeta		19	37	27	23	4	110	22.00	10.81	5.31	8.58-35.41	1	17.74

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Anachis hotessieriana</i>		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	35	0.48
<i>Chione cancellata</i>		2	1	0	0	1	4	0.80	0.75	0.70	0.00-1.72	28	0.65
Galeommatacea sp. B		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	64	0.16
<i>Haminoea succinea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	65	0.16
<i>Marginella aureocincta</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	47	0.32
<i>Marginella eburneola</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.16
<i>Nassarius albus</i>		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	36	0.48
<i>Tellina versicolor</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	67	0.16
<i>Rissoina cancellata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	68	0.16
<i>Echinaster sentus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	69	0.16
<i>Ophiophragmus filograneus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.16
<i>Amphioplus abdita</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	37	0.48
<i>Amphioplus thrombodes</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.16

POLYCHAETES

<i>Neomeris setosa</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	38	0.48
<i>Scoloplos (Leodamus) rubra</i>		0	0	1	2	1	4	0.80	0.75	0.70	0.00-1.72	29	0.65
<i>Aricidea fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.16
<i>Aricidea philbinae</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	48	0.32
<i>Aricidea</i> sp. C		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	73	0.16
<i>Polydora ligni</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.16
<i>Polydora plena</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.16
<i>Prionospio heterobranchia</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	39	0.48
<i>Prionospio</i> cf. <i>steenstrupi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.16
<i>Caulleriella alata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	49	0.32
cf. <i>Caulleriella killariensis</i>		1	0	0	2	12	15	3.00	4.56	6.93	0.00-8.66	9	2.42
<i>Tharyx annulosus</i>		0	7	1	0	4	12	2.40	2.73	3.10	0.00-5.78	12	1.94
<i>Capitella capitata</i>		2	0	0	3	0	5	1.00	1.26	1.60	0.00-2.57	25	0.81
<i>Gyptis brevipalpa</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	50	0.32
<i>Podarke obscura</i>		0	0	2	0	2	4	0.80	0.98	1.20	0.00-2.01	30	0.65
<i>Branchiosyllis oculata</i>	10	0	0	0	0	5	15	3.00	4.00	5.33	0.00-7.96	10	2.42
<i>Brania</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.16
<i>Exogone dispar</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	51	0.32
<i>Typosyllis aLternata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.16
<i>Typosyllis annularis</i>		3	0	2	1	4	10	2.00	1.41	1.00	0.24-3.75	13	1.61
<i>Typosyllis</i> sp. F		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	79	0.16
<i>Platynereis dumerilii</i>		2	1	2	2	2	9	1.80	0.40	0.09	1.30-2.29	15	1.45
<i>Glycinde solitaria</i>		1	3	0	0	1	5	1.00	1.10	1.20	0.00-2.35	26	0.81
<i>Lumbrineris latreilli</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	80	0.16
<i>Dorvillea rubra</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	52	0.32
<i>Schistomeringos rudolphi</i>		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	31	0.65

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Branchiomma nigromaculata</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	40	0.48
<i>Sabella variegata</i>		5	0	27	4	22	58	11.60	10.78	10.02	0.00-24.98	3	9.35
<i>Hydroides dianthus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	81	0.16

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		127	76	172	102	143	620	124.00	33.05	8.81
Number of taxa		38	21	38	36	40	173	34.60	6.92	
Shannon-Weaver H' (log 10)		1.30	0.90	1.22	1.31	1.31	1.48	1.21	0.16	
Dominance (1 - Simpson Index)		0.92	0.75	0.91	0.92	0.93	0.94	0.88	0.02	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 13 (#54). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Carpas stylodactylus</i>		49	10	0	38	0	97	19.40	20.31	21.27	0.00-4.41	8	2.18
<i>Paracerceis caudata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.02
<i>Xenanthura brevitelson</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	70	0.05
<i>Erichsonella filiformis isabel.</i>		0	1	1	2	0	4	0.80	0.75	0.70	0.00-1.72	49	0.09
Tunicate		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	85	0.02
Anthozoa		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	86	0.02
Turbellaria		8	6	2	2	1	19	3.80	2.71	1.94	0.43-7.16	20	0.43
Nemertina		12	52	5	39	0	108	21.60	20.30	19.09	0.00-46.80	6	2.43
Nematoda		0	69	150	119	4	342	68.40	60.08	52.76	0.00-142.98	2	7.70
<i>Harpachoida</i> spp.		1	5	0	0	0	6	1.20	1.94	3.13	0.00-3.60	37	0.14
<i>Balanus improvisus</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	59	0.07
<i>Dikonophora</i> sp.		16	0	3	4	0	23	4.60	5.92	7.62	0.00-11.94	18	0.52
<i>Penaeus</i> cf. <i>brasiliensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.02
<i>Alpheus armillatus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.02
<i>Alpheus heterochaelis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	89	0.02
<i>Hippolyte zostericola</i>		3	1	1	4	0	9	1.80	1.47	1.20	0.00-3.62	29	0.20
<i>Pagurus macLaughlinae</i>		0	0	0	1	3	4	0.80	1.17	1.70	0.00-2.24	50	0.09
Pycnogonida		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.02
<i>Ampelisca abdita</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.02
<i>Amphilocheus neopolitanus</i>		2	1	0	2	0	5	1.00	0.89	0.80	0.00-2.11	44	0.11
<i>Batea catharinensis</i>		4	14	4	42	0	64	12.80	15.32	18.33	0.00-31.81	11	1.44
<i>Cymadusa compta</i>		0	2	0	11	0	13	2.60	4.27	7.02	0.00-7.90	25	0.29
<i>Cymadusa filosa</i>		27	0	8	0	0	35	7.00	10.47	15.66	0.00-19.99	16	0.79
<i>Dulichella appendiculata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	71	0.05
<i>Lembos dentischium</i>		3	0	2	0	0	5	1.00	1.26	1.60	0.00-2.57	45	0.11
<i>Lysianassa alba</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	51	0.09
<i>Lembos</i> sp.		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	52	0.09
Xanthidae sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	92	0.02
Capitellidae		0	0	0	0	6	6	1.20	2.40	4.80	0.00-4.17	38	0.14
Chaetopteridae		0	9	0	1	0	10	2.00	3.52	6.20	0.00-6.37	27	0.23
Cirratulidae		10	33	0	12	6	61	12.20	11.18	10.24	0.00-26.07	12	1.37
Dorvilleidae		1	0	5	0	0	6	1.20	1.94	3.13	0.00-3.60	39	0.14
Flabelligeridae		0	3	0	2	0	5	1.00	1.26	1.60	0.00-2.57	46	0.11
Goniadidae		2	0	1	2	2	7	1.40	0.80	0.46	0.41-2.39	33	0.16
Lumbrineridae		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	72	0.05
Maldanidae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	93	0.02
Nereidae		7	2	1	5	1	16	3.20	2.40	1.80	0.22-6.17	21	0.36
Onuphidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.02
Orbiniidae		0	2	1	1	2	6	1.20	0.75	0.47	0.27-2.12	40	0.14
Paraonidae		7	3	4	3	5	22	4.40	1.50	0.51	2.54-6.25	19	0.50

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Pectinariidae		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	53	0.09
Phyllodocidae		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.02
Sabelladidae		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	60	0.07
Sabellidae		173	32	15	48	30	298	59.60	57.66	55.78	0.00-131.17	3	6.71
Serpulidae		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	73	0.05
Spionidae		7	11	11	16	6	51	10.20	3.54	1.23	5.80-14.59	14	1.15
Syllidae		8	19	7	64	7	105	21.00	21.97	22.99	0.00-48.27	7	2.36
Terebellidae		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	74	0.05
Oligochaeta		12	25	17	4	2	60	12.00	8.46	5.97	1.50-22.50	13	1.35
<i>Acteocina canaliculata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	75	0.05
<i>Amygdalum papyrium</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	76	0.05
<i>Brachidontes exustus</i>		5	7	3	1	0	16	3.20	2.56	2.05	0.02-6.37	22	0.36
<i>Bulla striata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.02
<i>Caecum pulchellum</i> *		106	180	840	787	111	2024	404.80	335.14	277.48	0.00-820.97	1	45.55
<i>Carditamera floridana</i>		0	10	9	4	7	30	6.00	3.63	2.20	1.49-10.51	17	0.68
<i>Chaetopleura apiculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.02
<i>Chione cancellata</i>		0	1	3	2	2	8	1.60	1.02	0.65	0.33-2.86	31	0.18
<i>Corbula</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	98	0.02
<i>Crepidula maculosa</i>		0	1	6	0	0	7	1.40	2.33	3.89	0.00-4.29	34	0.16
<i>Cumingia tellinoides vanhyning</i>		0	2	2	0	0	4	0.80	0.98	1.20	0.00-2.01	54	0.09
<i>Diplodonta punctata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.02
<i>Elysia</i> sp. A		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	61	0.07
<i>Granulina ovuliformis</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	62	0.07
<i>Haminoea succinea</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	77	0.05
<i>Ischnochiton papillosus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.02
<i>Laevicardium mortoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.02
<i>Marginella apicina</i>		2	1	2	0	2	7	1.40	0.80	0.46	0.41-2.39	35	0.16
<i>Marginella aureocincta</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	63	0.07
<i>Meioceras nitida</i>		45	20	50	78	33	226	45.20	19.41	8.33	21.11-69.29	5	5.09
<i>Mitrella lunata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	102	0.02
<i>Modulus modulus</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	64	0.07
<i>Nassarius vibex</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	103	0.02
<i>Odostomia</i> sp. 9		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	104	0.02
<i>Parvilucina multilineata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.02
<i>Pitar simpsoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	106	0.02
<i>Rissoina catesbyana</i>		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	65	0.07
<i>Tellina versicolor</i>		1	0	1	0	2	4	0.80	0.75	0.70	0.00-1.72	55	0.09
<i>Turbo castanea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.02
<i>Vermicularia spirata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.02
<i>Circulus suppressus</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	56	0.09
Dorididae sp. B		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.02
<i>Amphiodia pulchella</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.02
<i>Micropholis gracillima</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	78	0.05
Ophiuroidea juvenile		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	66	0.07

\* Values are as follows: *Caecum pulchellum*, 106, 180, 840, 787, 111, 2024, 404.80, 335.14, 277.48, 0.00-820.97, 1, 45.55



Benthic Organisms Collected During Phase II Quarter 1 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Lucania parva</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	111	0.02
<i>Gobiosoma robustum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	112	0.02
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		0	1	0	1	2	4	0.80	0.75	0.70	0.00-1.72	57	0.09
<i>Naineris setosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.02
<i>Aricidea</i> n. sp. A		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	67	0.07
<i>Aricidea</i> sp. C		0	1	5	0	5	11	2.20	2.32	2.44	0.00-5.97	26	0.25
<i>Paraonides</i> n. sp.		6	0	0	0	0	6	1.20	2.40	4.80	0.00-4.17	41	0.14
<i>Polydora ligni</i>		2	1	3	2	0	8	1.60	1.02	0.65	0.33-2.86	32	0.18
<i>Prionospio heterobranchia</i>		4	10	7	15	5	41	8.20	3.97	1.92	3.27-13.12	15	0.92
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.02
<i>Scolelepis (Scolelepis) texana</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	68	0.07
<i>Spiochaetopterus costarum</i>		0	9	0	1	0	10	2.00	3.52	6.20	0.00-6.37	28	0.23
<i>Caulleriella alata</i>		0	2	2	2	0	6	1.20	0.98	0.80	0.00-2.41	42	0.14
cf. <i>Caulleriella killariensis</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	79	0.05
cf. <i>Cirratulus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.02
<i>Tharyx annulosus</i>		22	31	8	7	3	71	14.20	10.57	7.97	1.08-27.32	10	1.60
cf. <i>Tharyx</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	116	0.02
<i>Capitellides jonesi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	117	0.02
<i>Asychis elongata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	118	0.02
<i>Eulalia (Eumida) sanguinea</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	119	0.02
<i>Gyptis brevipalpa</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	80	0.05
<i>Parahesionia obscura</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	120	0.02
<i>Podarke obscura</i>		1	2	4	4	4	15	3.00	1.26	0.53	1.43-4.57	24	0.34
<i>Brania</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	121	0.02
<i>Ehlersia</i> sp. A		0	2	2	1	0	5	1.00	0.89	0.80	0.00-2.11	47	0.11
<i>Exogone dispar</i>		11	15	3	63	5	97	19.40	22.21	25.44	0.00-46.77	9	2.18
<i>Odontosyllis</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.02
<i>Typosyllis</i> sp. A		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	81	0.05
<i>Platynereis dumerilii</i>		8	2	1	5	0	16	3.20	2.93	2.67	0.00-6.83	23	0.36
<i>Glycinde solitaria</i>		2	0	1	2	2	7	1.40	0.80	0.46	0.41-2.39	36	0.16
<i>Diopatra cuprea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	123	0.02
<i>Lumbrineris latreilli</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	82	0.05
<i>Schistomeringos rudolphi</i>		1	0	5	0	0	6	1.20	1.94	3.13	0.00-3.60	43	0.14
<i>Piromis eruca</i>		0	3	0	2	0	5	1.00	1.26	1.60	0.00-2.57	48	0.11
<i>Sabellaria vulgaris</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	69	0.07
<i>Pectinaria gouldi</i>		0	1	2	1	0	4	0.80	0.75	0.70	0.00-1.72	58	0.09
<i>Streblosoma hartmanae</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	83	0.05
<i>Branchiomma nigromaculata</i>		4	0	1	2	2	9	1.80	1.33	0.98	0.15-3.44	30	0.20

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Megalomma n. sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	124	0.02
<i>Sabella variegata</i>		168	31	14	45	31	289	57.80	55.97	54.20	0.00-127.28	4	6.50
<i>Hydroides dianthus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	125	0.02
<i>Membranopsis inconspicua</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.02

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		766	654	1236	1477	310	4443	888.60	417.55	196.21
Number of taxa		52	59	61	66	42	280	56.00	8.32	
Shannon-Weaver H' (log 10)		1.14	1.26	0.66	0.90	1.12	1.07	1.02	0.21	
Dominance (1 - Simpson Index)		0.87	0.89	0.52	0.70	0.84	0.77	0.76	0.03	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 14 (#58). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Carpas stylodactylus</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	23	1.11
Turbellaria		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	47	0.37
Nemertina		0	8	0	6	0	14	2.80	3.49	4.34	0.00-7.12	4	5.17
Nematoda		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	24	1.11
Cumacea sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	48	0.37
<i>Harpachoida</i> spp.		0	1	1	2	0	4	0.80	0.75	0.70	0.00-1.72	18	1.48
<i>Podocopa</i> spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	30	0.74
<i>Kalliapseudes</i> n. sp. A		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	31	0.74
<i>Dikonophora</i> sp.		1	4	0	0	0	5	1.00	1.55	2.40	0.00-2.92	13	1.85
Palaemonidae sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.37
<i>Alpheides</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.37
<i>Hippolyte zostericola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.37
<i>Processa bermudensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.37
<i>Amphilochus neopolitanus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	32	0.74
<i>Batea catharinensis</i>		0	0	21	0	0	21	4.20	8.40	16.80	0.00-14.62	1	7.75
<i>Corophium acherusicum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.37
<i>Cymadusa compta</i>		0	1	10	0	0	11	2.20	3.92	6.98	0.00-7.06	5	4.06
<i>Dulichella appendiculata</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	19	1.48
<i>Elasmopus</i> n. sp.		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	33	0.74
<i>Lembos unicornis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.37
<i>Lysianassa alba</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	20	1.48
<i>Paraphoxus floridanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.37
<i>Protohadzia schoenerae</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	34	0.74
<i>Siphonoecetes</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.37
<i>Lembos</i> sp.		0	0	0	1	4	5	1.00	1.55	2.40	0.00-2.92	14	1.85
Isopoda		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	35	0.74
Capitellidae		0	2	2	3	0	7	1.40	1.20	1.03	0.00-2.88	9	2.58
Cirratulidae		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	36	0.74
Glyceridae		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	37	0.74
Lumbrineridae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	57	0.37
Megalonidae		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	25	1.11
Nereidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.37
Onuphidae		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	26	1.11
Opheliidae		2	2	2	1	0	7	1.40	0.80	0.46	0.41-2.39	10	2.58
Orbiniidae		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.37
Paraonidae		1	6	9	2	0	18	3.60	3.38	3.18	0.00-7.79	2	6.64
Poecilochaetidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.37
Spionidae		3	6	4	0	2	15	3.00	2.00	1.33	0.52-5.48	3	5.54
Syllidae		0	4	2	1	0	7	1.40	1.50	1.60	0.00-3.25	11	2.58
Oligochaeta		0	2	2	1	0	5	1.00	0.89	0.80	0.00-2.11	15	1.85
<i>Chione cancellata</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	38	0.74

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 14 (#58)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Galeommatacea</i> sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.37
<i>Haminoea antillarum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	62	0.37
<i>Laevicardium mortoni</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	39	0.74
<i>Parvilucina multilineata</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	27	1.11
<i>Strigilla carnaria</i>		2	1	4	0	3	10	2.00	1.41	1.00	0.24-3.75	6	3.69
Bivalve sp. A		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	28	1.11
Holothuroidea sp. A		0	0	0	1	7	8	1.60	2.73	4.65	0.00-4.98	8	2.95
<i>Ophionephtys limicola</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.37
Ophiuroidea juvenile		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.37

POLYCHAETES

<i>Scoloplos (Leodamus) rubra</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.37
<i>Aricidea philbinae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.37
<i>Aricidea</i> sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.37
<i>Cirrophorus</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.37
<i>Paraonis fulgens</i>		0	0	9	1	0	10	2.00	3.52	6.20	0.00-6.37	7	3.69
<i>Polydora plena</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	69	0.37
<i>Prionospio cristata</i>		1	1	1	0	1	4	0.80	0.40	0.20	0.36-1.29	21	1.48
<i>Prionospio heterobranchia</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.74
<i>Pseudopolydora cf. pulchra</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	41	0.74
<i>Scolecopsis squamata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.37
<i>Spio pettiboneae</i>		2	2	1	0	0	5	1.00	0.89	0.80	0.00-2.11	16	1.85
<i>Magelona pettiboneae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.37
<i>Poecilochaetus johnsoni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.37
<i>Caulleriella alata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	42	0.74
<i>Tharyx annulosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	73	0.37
<i>Capitellides jonesi</i>		0	1	3	2	1	7	1.40	1.02	0.74	0.13-2.66	12	2.58
<i>Mediomastus</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	74	0.37
<i>Notomastus hemipodus</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	43	0.74
<i>Axiiothella mucosa</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	44	0.74
<i>Armandia agilis</i>		2	1	0	1	0	4	0.80	0.75	0.70	0.00-1.72	22	1.48
<i>Armandia maculata</i>		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	17	1.85
<i>Brania</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.37
<i>Ehlersia</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.37
<i>Ehlersia</i> sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.37
cf. <i>Eusyllis</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.37
<i>Exogone arenosa</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	45	0.74
<i>Exogone atlantica</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.37
<i>Typosyllis</i> sp. Q		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.37
<i>Platynereis dumerilii</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.37
<i>Glycera abbranchiata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	46	0.74
cf. <i>Mooreonuphis</i> sp.		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	29	1.11
<i>Lumbrineris verrilli</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	82	0.37

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 14 (#58)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		23	76	104	29	39	271	54.20	30.97	17.69
Number of taxa		16	46	29	19	20	130	26.00	10.90	
Shannon-Weaver H' (log 10)		1.17	1.54	1.28	1.19	1.21	1.71	1.28	0.14	
Dominance (1 - Simpson Index)		0.97	0.97	0.93	0.95	0.95	0.97	0.95	0.00	

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 15 (#60). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Erichsonella filiformis isabel.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.28
Anthozoa		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	35	0.56
Turbellaria		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.28
Nemertina		0	3	21	18	0	42	8.40	9.18	10.03	0.00-19.79	2	11.80
Nematoda		1	0	2	5	0	8	1.60	1.85	2.15	0.00-3.90	10	2.25
Cumacea sp. E		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	49	0.28
<i>Oxyurostylis</i> sp. A		0	0	1	4	1	6	1.20	1.47	1.80	0.00-3.02	16	1.69
<i>Mysidopsis bigelowi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.28
Penaeidae post larva		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.28
<i>Pagurus macLaughlinae</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	24	0.84
<i>Ampelisca vadorum</i>		3	1	1	1	9	15	3.00	3.10	3.20	0.00-6.84	4	4.21
<i>Amphilocheus neopolitanus</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	25	0.84
<i>Cerapus</i> n. sp.		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	36	0.56
<i>Grandidierella bonnieroides</i>		0	4	0	0	3	7	1.40	1.74	2.17	0.00-3.56	13	1.97
Cumacea		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.28
Capitellidae		1	0	2	5	1	9	1.80	1.72	1.64	0.00-3.93	7	2.53
Chaetopteridae		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	37	0.56
Cirratulidae		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	26	0.84
Dorvilleidae		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	27	0.84
Glyceridae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	53	0.28
Goniadidae		1	1	0	2	1	5	1.00	0.63	0.40	0.21-1.78	17	1.40
Lumbrineridae		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	28	0.84
Onuphidae		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.28
Orbiniidae		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	38	0.56
Paraonidae		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.28
Poecilochaetidae		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	39	0.56
Sabellidae		4	0	0	6	5	15	3.00	2.53	2.13	0.00-6.14	5	4.21
Spionidae		7	3	6	4	6	26	5.20	1.47	0.42	3.38-7.02	3	7.30
Syllidae		1	0	4	0	0	5	1.00	1.55	2.40	0.00-2.92	18	1.40
Terebellidae		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	40	0.56
Nemertina		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.28
Oligochaeta		0	0	0	3	2	5	1.00	1.26	1.60	0.00-2.57	19	1.40
<i>Acteocina canaliculata</i>		2	1	0	0	2	5	1.00	0.89	0.80	0.00-2.11	20	1.40
<i>Amygdalum papyrium</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.28
<i>Bulla striata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.28
<i>Caecum pulchellum</i>		30	12	0	12	0	54	10.80	11.00	11.20	0.00-24.45	1	15.17
<i>Chione cancellata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	59	0.28
<i>Macoma</i> sp. B		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.28
<i>Nassarius vibex</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	29	0.84

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 15 (#60)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Parvilucina multilineata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	41	0.56
<i>Tagelus divisus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.28
<i>Anomalocardia amber</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	30	0.84
<i>Crepidula plana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.28
<i>Parastarte</i> sp. A		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.56
<i>Ophiophragmus filograneus</i>		1	2	2	2	0	7	1.40	0.80	0.46	0.41-2.39	14	1.97
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	43	0.56
<i>Aricidea philbinae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	63	0.28
<i>Paraprionospio pinnata</i>		0	1	3	2	2	8	1.60	1.02	0.65	0.33-2.86	11	2.25
<i>Polydora plena</i>		5	2	3	0	2	12	2.40	1.62	1.10	0.38-4.41	6	3.37
<i>Prinospio</i> cf. <i>steenstrupi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	64	0.28
<i>Scolelepis (Scolelepis) texana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	65	0.28
<i>Streblospio benedicti</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	44	0.56
<i>Poecilochaetus johnsoni</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	45	0.56
<i>Spiochaetopterus costarum</i>		1	0	0	1	2	4	0.80	0.75	0.70	0.00-1.72	22	1.12
<i>Caulleriella alata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	46	0.56
<i>Tharyx annulosus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	66	0.28
<i>Capitella capitata</i>		0	0	2	5	1	8	1.60	1.85	2.15	0.00-3.90	12	2.25
<i>Capitellides jonesi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.28
<i>Gyptis brevipalpa</i>		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	31	0.84
<i>Podarke obscura</i>		2	1	0	6	0	9	1.80	2.23	2.76	0.00-4.56	8	2.53
<i>Exogone arenosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.28
<i>Typosyllis</i> sp. V		1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	23	1.12
<i>Glycera abbranchiata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	69	0.28
<i>Glycinde solitaria</i>		1	1	0	2	1	5	1.00	0.63	0.40	0.21-1.78	21	1.40
<i>Diopatra cuprea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.28
<i>Lumbrineris verrilli</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	32	0.84
<i>Schistomeringos rudolphi</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	33	0.84
<i>Enoplobranchus sanguinea</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	34	0.84
<i>Chone</i> sp.		1	0	0	3	3	7	1.40	1.36	1.31	0.00-3.08	15	1.97
<i>Fabricia sabella</i>		3	0	0	3	3	9	1.80	1.47	1.20	0.00-3.62	9	2.53

Benthic Organisms Collected During Phase II Quarter 1 at Station No. 15 (#60)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		75	49	62	106	64	356	71.20	19.26	5.21
Number of taxa		26	28	23	34	34	145	29.00	4.38	
Shannon-Weaver H' (log 10)		1.06	1.28	1.11	1.36	1.41	1.53	1.25	0.14	
Dominance (1 - Simpson Index)		0.83	0.93	0.87	0.94	0.96	0.95	0.91	0.02	



5.2.6.2. Quarter 2

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 1 (#3). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Nemertina		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	4	7.89
Nematoda		0	0	3	0	4	7	1.40	1.74	2.17	0.00-3.56	1	18.42
<i>Brachidontes exustus</i>		0	0	2	0	3	5	1.00	1.26	1.60	0.00-2.57	2	13.16
<i>Caecum pulchellum</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	6	5.26
<i>Cerithium muscarum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	8	2.63
<i>Codakia orbiculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	9	2.63
<i>Crassispira leucocyma</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	10	2.63
<i>Marginella apicina</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	5	7.89
<i>Modulus modulus</i>		0	1	4	0	0	5	1.00	1.55	2.40	0.00-2.92	3	13.16
<i>Nassarius albus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	11	2.63
<i>Anomalocardia auberiana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	12	2.63
<i>Lucania parva</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	13	2.63

POLYCHAETES

<i>Paraonides n. sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	14	2.63
<i>Polydora ligni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	15	2.63
<i>Asychis elongata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	16	2.63
<i>Parahesion luteola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	17	2.63
<i>Pilargis sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	18	2.63
<i>Marphysa sanguinea</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	7	5.26

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		2	3	15	3	15	38	7.60	6.05	4.82
Number of taxa		2	3	9	3	6	23	4.60	2.58	
Shannon-Weaver H' (log 10)		0.30	0.48	0.88	0.48	0.73	1.13	0.57	0.21	
Dominance (1 - Simpson Index)		1.00	1.00	0.90	1.00	0.86	0.93	0.95	0.04	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona doria</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	133	0.07
<i>Chondrilla nucula</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	134	0.07
<i>Spirastrella</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.07
<i>Jaeropsis rathbunae</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	105	0.14
<i>Carpas stylodactylus</i>		2	1	0	7	0	10	2.00	2.61	3.40	0.00-5.23	34	0.71
Munnidae sp. indet.		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	82	0.21
<i>Paracerceis caudata</i>		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	83	0.21
<i>Alcirona krebsii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	136	0.07
<i>Cirolana sphaeformis</i>		0	0	0	5	0	5	1.00	2.00	4.00	0.00-3.48	66	0.36
<i>Flabellifera</i> indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	137	0.07
<i>Mesanthura decorata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	138	0.07
Anthuridae sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	139	0.07
<i>Erichsonella floridana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	140	0.07
Leptonathidae		0	0	3	14	0	17	3.40	5.43	8.66	0.00-10.13	16	1.21
Neotanaidae sp. B		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	106	0.14
Neotanaidae sp. C		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	84	0.21
Paratanaidae sp. A		8	1	11	34	2	56	11.20	11.99	12.84	0.00-26.08	5	4.00
Paratanaidae sp. B		0	1	0	22	0	23	4.60	8.71	16.49	0.00-15.41	12	1.64
Paratanaidae sp. C		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	72	0.29
Paratanaidae sp. D		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	141	0.07
Apseudidae sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	142	0.07
Apseudidae sp. B		0	0	1	3	2	6	1.20	1.17	1.13	0.00-2.64	58	0.43
Apseudidae sp. C		0	0	1	26	0	27	5.40	10.31	19.67	0.00-18.19	10	1.93
Kalliapseudes n. sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	143	0.07
Anthozoa		0	0	1	5	1	7	1.40	1.85	2.46	0.00-3.70	52	0.50
Turbellaria		1	3	2	3	1	10	2.00	0.89	0.40	0.89-3.11	35	0.71
Nemertina		5	1	20	26	23	75	15.00	10.06	6.75	2.51-27.48	2	5.36
Nematoda		5	0	14	34	12	65	13.00	11.63	10.40	0.00-27.43	3	4.64
Sipuncula spp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	107	0.14
<i>Phascolion caupo</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	144	0.07
<i>Vaunthompsonia minor</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	145	0.07
<i>Almyracuma</i> sp. A		0	0	1	7	0	8	1.60	2.73	4.65	0.00-4.98	43	0.57
<i>Cumella agglutinata</i>		0	0	2	6	0	8	1.60	2.33	3.40	0.00-4.49	44	0.57
<i>Cumella caribbeana</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	108	0.14
Cumacea sp. O		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	146	0.07
<i>Harpachoida</i> spp.		1	0	1	0	5	7	1.40	1.85	2.46	0.00-3.70	53	0.50
Podocopa spp.		0	0	2	3	1	6	1.20	1.17	1.13	0.00-2.64	59	0.43
Myodocopa spp.		1	0	5	22	2	30	6.00	8.17	11.13	0.00-16.14	9	2.14
<i>Paranebalia longipes</i>		0	2	0	13	0	15	3.00	5.06	8.53	0.00-9.28	19	1.07
<i>Alpheus armillatus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	147	0.07
<i>Alpheus normanni</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	109	0.14
<i>Synalpheus</i> cf. <i>agelas</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	148	0.07
<i>Automate</i> cf. <i>rectifrons</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	149	0.07

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Paguristes invisisacculus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	150	0.07
Pycnogonida spp.		1	2	6	8	0	17	3.40	3.07	2.78	0.00-7.21	17	1.21
Insecta larvae		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	151	0.07
Chaetognatha		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	85	0.21
Tunicata		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	86	0.21
<i>Amphilocheus neopolitanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	152	0.07
<i>Ampithoe longimana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	153	0.07
<i>Anamixis hansenii</i>		0	3	0	2	0	5	1.00	1.26	1.60	0.00-2.57	67	0.36
<i>Ceradomaera</i> n. sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	154	0.07
<i>Colomastix janiceae</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	110	0.14
<i>Cymadusa compta</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	87	0.21
<i>Elasmopus</i> ? n. sp.		0	8	0	0	1	9	1.80	3.12	5.42	0.00-5.67	36	0.64
<i>Elasmopus laevis</i>		10	0	10	14	0	34	6.80	5.74	4.85	0.00-13.92	7	2.43
<i>Heterophlias seclusus</i>		3	0	2	5	4	14	2.80	1.72	1.06	0.66-4.93	23	1.00
<i>Lembos unicornis</i>		0	0	0	8	0	8	1.60	3.20	6.40	0.00-5.57	45	0.57
<i>Leucothoe spinicarpa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	155	0.07
<i>Lysianassa alba</i>		3	0	0	10	0	13	2.60	3.88	5.78	0.00-7.41	26	0.93
<i>Maera</i> n. sp.		3	3	2	14	3	25	5.00	4.52	4.08	0.00-10.60	11	1.79
<i>Couridia dobrogavia</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	111	0.14
<i>Protohadzia schoenerae</i>		0	1	0	0	3	4	0.80	1.17	1.70	0.00-2.24	73	0.29
<i>Protohadzia schoenerae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	156	0.07
<i>Seba tropica</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	157	0.07
<i>Tabatzius muelleri</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	112	0.14
<i>Siphonocetes</i> n. sp.		0	0	1	5	0	6	1.20	1.94	3.13	0.00-3.60	60	0.43
<i>Epialtus dilatatus</i>		0	1	0	2	1	4	0.80	0.75	0.70	0.00-1.72	74	0.29
<i>Macrocoeloma</i> cf. <i>trispinosum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	158	0.07
<i>Microphrys bicornuta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	159	0.07
<i>Microphrys</i> sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	160	0.07
<i>Pitho aculeata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	161	0.07
<i>Micropanope</i> sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	162	0.07
<i>Abra aequalis</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	88	0.21
<i>Acanthochitons spiculosa</i>		0	0	3	2	2	7	1.40	1.20	1.03	0.00-2.88	54	0.50
<i>Acteon punctostriatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	163	0.07
Aeolidiidae sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	164	0.07
<i>Amphithalamus vallei</i>		2	0	0	3	1	6	1.20	1.17	1.13	0.00-2.64	61	0.43
<i>Arcopsis adamsi</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	89	0.21
<i>Barbatia cancellaria</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	113	0.14
<i>Barbatia candida</i>		1	0	1	2	0	4	0.80	0.75	0.70	0.00-1.72	75	0.29
<i>Caecum plicatum</i>		3	0	4	20	6	33	6.60	6.97	7.37	0.00-15.25	8	2.36
<i>Caecum pulchellum</i>		3	0	1	8	1	13	2.60	2.87	3.17	0.00-6.16	27	0.93
<i>Cerithium litteratum</i>		5	2	0	0	1	8	1.60	1.85	2.15	0.00-3.90	46	0.57
<i>Chaetopleura apiculata</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	90	0.21
<i>Chama congregata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	165	0.07
<i>Cryptoconchus floridanus</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	114	0.14

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Cylindrobulla beauii</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	166	0.07
<i>Galeommatacea</i> sp. B		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	115	0.14
<i>Lima pellucida</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	116	0.14
<i>Marginella lavalleana</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	91	0.21
<i>Pleuromeris tridentata</i>		1	0	0	6	4	11	2.20	2.40	2.62	0.00-5.17	30	0.79
<i>Rissoina catesbyana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	167	0.07
<i>Vexillum albocinctum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	168	0.07
<i>Lytechinus variegatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	169	0.07
<i>Leptosynapta parvipatina</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	170	0.07
<i>Paraclinus nigripinnis</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	117	0.14

POLYCHAETES

<i>Naineris laevigata</i>		0	2	1	8	0	11	2.20	2.99	4.07	0.00-5.91	31	0.79
<i>Scoloplos (Scoloplos)</i> sp. A		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	118	0.14
<i>Scoloplos (Scoloplos)</i> capensis		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	171	0.07
Aricidea sp. E		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	172	0.07
Paranoides n. sp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	119	0.14
<i>Questa</i> cf. <i>caudicirra</i>		1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	76	0.29
<i>Minuspio cirrifera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	173	0.07
<i>Minuspio cirrobranchiata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	174	0.07
<i>Prionospio heterobranchia</i>		0	2	6	0	0	8	1.60	2.33	3.40	0.00-4.49	47	0.57
<i>Chaetopterus variopedatus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	175	0.07
<i>Caulleriella alata</i> cf. <i>Tharyx</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	176	0.07
Macrochaeta sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	178	0.07
<i>Dasybranchus lunulatus</i> cf. <i>Decamastus</i> sp.		0	2	3	0	0	5	1.00	1.26	1.60	0.00-2.57	68	0.36
<i>Notomastus hemipodus</i>		0	0	11	0	0	11	2.20	4.40	8.80	0.00-7.66	32	0.79
<i>Notomastus hemipodus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	179	0.07
<i>Pseudoleiocardia</i> sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	120	0.14
<i>Scyphoproctus platyproctus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	121	0.14
<i>Axiiothella</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	180	0.07
<i>Euclymene coronata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	181	0.07
Maldanidae undet. sp. A		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	92	0.21
Maldanidae undet. sp. B		0	0	9	0	0	9	1.80	3.60	7.20	0.00-6.26	37	0.64
<i>Armandia maculata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	122	0.14
<i>Eulalia (Eumida) sanguinea</i>		0	0	6	0	0	6	1.20	2.40	4.80	0.00-4.17	62	0.43
<i>Phyllodoce (N.) fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	182	0.07
<i>Lepidonotus variabilis</i>		0	1	7	0	0	8	1.60	2.73	4.65	0.00-4.98	48	0.57
<i>Pholoe minuta</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	77	0.29
<i>Sthenelais boa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	183	0.07
<i>Chrysopetalum caecum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	184	0.07

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Chrysopetalum occidentale</i>		2	1	6	0	0	9	1.80	2.23	2.76	0.00-4.56	38	0.64
Chrysopetalidae undet. sp. A		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	123	0.14
<i>Hesione picta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	185	0.07
cf. <i>Kefersteinia cirrata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	124	0.14
<i>Podarke obscura</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	186	0.07
<i>Branchiosyllis oculata</i>		0	0	7	0	0	7	1.40	2.80	5.60	0.00-4.87	55	0.50
<i>Brania</i> sp. A		0	0	6	0	0	6	1.20	2.40	4.80	0.00-4.17	63	0.43
<i>Brania</i> sp. B		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	187	0.07
<i>Ehlersia</i> sp. A		1	3	5	0	0	9	1.80	1.94	2.09	0.00-4.20	39	0.64
<i>Ehlersia</i> sp. C		0	0	8	0	0	8	1.60	3.20	6.40	0.00-5.57	49	0.57
<i>Eusyllis</i> sp. A		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	78	0.29
<i>Exogone arenosa</i>		12	6	84	0	0	102	20.40	32.11	50.54	0.00-60.26	1	7.29
<i>Exogone dispar</i>		2	0	4	0	0	6	11.20	1.60	2.13	0.00-3.18	64	0.43
<i>Exogone verugera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	188	0.07
<i>Haplosyllis spongicola</i>		0	0	19	0	0	19	3.80	7.60	15.20	0.00-13.23	14	1.36
<i>Odontosyllis</i> sp.		2	4	13	0	0	19	3.80	4.83	6.15	0.00-9.80	15	1.36
cf. <i>Opisthodonta</i> sp.		3	2	10	0	0	15	3.00	3.69	4.53	0.00-7.57	20	1.07
cf. <i>Opisthosyllis</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	189	0.07
<i>Parasphaerosyllis</i> cf. <i>indica</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	190	0.07
<i>Pionosyllis</i> cf. <i>uraga</i>		0	2	5	0	0	7	1.40	1.96	2.74	0.00-3.83	56	0.50
<i>Plakosyllis quadrioculata</i>		4	0	4	0	0	8	1.60	1.96	2.40	0.00-4.03	50	0.57
<i>Pseudosyllides curacaoensis</i>		2	1	6	0	0	9	1.80	2.23	2.76	0.00-4.56	40	0.64
<i>Sphaerosyllis</i> spp.		2	1	37	0	0	40	8.00	14.52	26.35	0.00-26.02	6	2.86
cf. <i>Typosyllis</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	191	0.07
<i>Typosyllis alternata</i>		3	0	9	0	0	12	2.40	3.50	5.10	0.00-6.74	28	0.86
<i>Typosyllis annularis</i>		2	0	5	0	0	7	1.40	1.96	2.74	0.00-3.83	57	0.50
<i>Typosyllis</i> sp. A		0	2	6	0	0	8	1.60	2.33	3.40	0.00-4.49	51	0.57
<i>Typosyllis</i> sp. F		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	93	0.21
<i>Typosyllis</i> sp. G		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	192	0.07
<i>Typosyllis</i> sp. I		0	0	15	0	0	15	3.00	6.00	12.00	0.00-10.44	21	1.07
<i>Typosyllis</i> sp. L		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	94	0.21
<i>Typosyllis</i> sp. N		2	0	10	0	0	12	2.40	3.88	6.27	0.00-7.21	29	0.86
<i>Typosyllis</i> sp. P		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	69	0.36
<i>Typosyllis</i> sp. O		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	95	0.21
<i>Typosyllis</i> sp. R		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	96	0.21
<i>Typosyllis</i> sp. S		0	0	20	0	0	20	4.00	8.00	16.00	0.00-13.93	13	1.43
<i>Typosyllis</i> sp. T		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	79	0.29
<i>Typosyllis</i> sp. U		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	193	0.07
<i>Typosyllis</i> sp. W		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	70	0.36
<i>Typosyllis</i> sp. X		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	194	0.07
<i>Syllidae (Eusyllidae)</i> sp. A		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	80	0.29
<i>Syllidae (Eusyllidae)</i> sp. B		0	1	14	0	0	15	3.00	5.51	10.13	0.00-9.84	22	1.07

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Syllidae (Eusyllidae)</i> sp. C		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	97	0.21
<i>Ceratonereis</i> <i>longicirrata</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	98	0.21
<i>Nereis (Nereis) falsa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	195	0.07
<i>Nereis (Nereis) sp.</i>		1	1	9	0	0	11	2.20	3.43	5.35	0.00-6.45	33	0.79
<i>Platynereis dumerilii</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	196	0.07
<i>Glycera cf.</i> <i>americana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	197	0.07
<i>Eurythoe complanata</i>		12	14	39	0	0	65	13.00	14.25	15.63	0.00-30.69	4	4.64
<i>Linopherus canariensis</i>		0	1	13	0	0	14	2.80	5.11	9.34	0.00-9.14	24	1.00
Amphinomidae juvenile		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	198	0.07
<i>Eunice cariboea</i>		0	13	4	0	0	17	3.40	5.04	7.48	0.00-9.66	18	1.21
<i>Eunice vittatopsis</i>		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	71	0.36
<i>Eunice websteri</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	99	0.21
<i>Nematonereis unicornis</i>		1	1	12	0	0	14	2.80	4.62	7.63	0.00-8.53	25	1.00
<i>Lumbrineris latreilli</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	100	0.21
<i>Lumbrineris cf.</i> <i>parvipedata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	199	0.07
<i>Lumbrineris verrilli</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	125	0.14
<i>Arabella unicolor</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	200	0.07
<i>Arabella (Cen.)</i> <i>nultidentata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	201	0.07
<i>Drilonereis sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	202	0.07
<i>Dorvillea rubra</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	126	0.14
<i>Protodorvillea</i> <i>kefersteini</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	127	0.14
<i>Galathowenia africana</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	128	0.14
<i>Pherusa ehlersi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	203	0.07
<i>Piromis eruca</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	129	0.14
Ampharetidae sp. indet.		0	5	4	0	0	9	1.80	2.23	2.76	0.00-4.56	41	0.64
<i>Loimia medusa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	204	0.07
cf. <i>Pista palmata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	205	0.07
<i>Polycirrus eximius</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	206	0.07
<i>Polycirrus sp.</i>		0	1	8	0	0	9	1.80	3.12	5.42	0.00-5.67	42	0.64
<i>Scionides reticulata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	130	0.14
<i>Streblosoma hartmanae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	207	0.07
<i>Terebellides stroemi</i>		0	0	6	0	0	6	1.20	2.40	4.80	0.00-4.17	65	0.43
<i>Trichobranchus glacialis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	208	0.07
<i>Branchiomma</i> <i>nigromaculata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	131	0.14
<i>Chone americana</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	132	0.14
<i>Megalomma n. sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	209	0.07
<i>Sabella variegata</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	81	0.29
Sabellidae undet. sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	210	0.07
Sabellidae sp. E (Sabellinae)		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	101	0.21
Sabellidae sp. F (Fabricinae)		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	102	0.21

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Hydroides giaracensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	211	0.07
<i>Membranopsis inconspicua</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	103	0.21
<i>Pseudovermilis occidentalis</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	104	0.21
cf. <i>Serpula</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	212	0.07
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		141	112	662	396	89	1400	280.00	220.64	173.86			
Number of taxa		63	48	132	67	30	340	68.00	34.54				
Shannon-Weaver H' (log 10)		1.63	1.50	1.81	1.54	1.22	1.96	1.54	0.19				
Dominance (1 - Simpson Index)		0.97	0.96	0.97	0.96	0.91	0.96	0.95	0.02				

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 3 (#22). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Edotia montosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	14	1.54
Nemertina		0	1	0	0	11	12	2.40	4.32	7.77	0.00-7.75	1	18.46
Nematoda		0	1	0	0	4	5	1.00	1.55	2.40	0.00-2.92	3	7.69
<i>Cyclaspis varians</i>		0	0	2	0	4	6	1.20	1.60	2.13	0.00-3.18	2	9.23
? <i>Gigacuma</i> sp. A		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	9	3.08
<i>Oxyurostylis smithi</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	10	3.08
Myodocopa spp.		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	4	7.69
<i>Ampelisca abdita</i>		0	1	0	4	0	5	1.00	1.55	2.40	0.00-2.92	5	7.69
<i>Lysianassa alba</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	15	1.54
<i>Ampelisca honesi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	16	1.54
<i>Pinnixa</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	17	1.54
<i>Anodontia</i> sp.		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	6	4.62
<i>Chione cancellata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	18	1.54
<i>Macoma</i> sp. E		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	19	1.54
<i>Parvilucina multilineata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	11	3.08
<i>Tellina versicolor</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	12	3.08

#### POLYCHAETES

<i>Haploscoloplos foliosus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	13	3.08
<i>Aricidea philbinae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	20	1.54
<i>Paraonides</i> n. sp.		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	7	4.62
<i>Prionospio cristata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	21	1.54
<i>Scolelepis (Scolelepis) texana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	22	1.54
<i>Sphaerosyllis</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	23	1.54
<i>Glycera</i> cf. <i>americana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	24	1.54
<i>Glycinde solitaria</i>		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	8	4.62
<i>Diopatra cuprea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	25	1.54
<i>Marphysa sanguinea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	26	1.54

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		3	9	11	7	35	65	13.00	11.31	9.85
Number of taxa		3	8	9	4	11	35	7.00	3.03	
Shannon-Weaver H' (log 10)		0.48	0.89	0.93	0.50	0.90	1.27	0.74	0.21	
Dominance (1 - Simpson Index)		1.00	0.97	0.96	0.71	0.86	0.94	0.90	0.02	



Benthic Organisms Collected During Phase II Quarter 2 at Station No. 4 (#23). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Paracerceis caudata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	6	3.57
Nemertina		0	0	1	8	0	9	1.80	3.12	5.42	0.00-5.67	1	16.07
Nematoda		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	3	7.14
<i>Phascolion cryptus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	11	1.79
<i>Myodocopa</i> spp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	7	3.57
<i>Alpheus floridanus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	12	1.79
<i>Elasmopus rapax</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	13	1.79
<i>Lembos</i> sp.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	8	3.57
<i>Isopoda</i> spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	14	1.79
<i>Anodontia</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	15	1.79
<i>Chione cancellata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	16	1.79
<i>Ischnochiton papillosus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	17	1.79
<i>Olivella perplexa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	18	1.79
POLYCHAETES													
<i>Cirrophorus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	19	1.79
<i>Paraonides</i> n. sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	20	1.79
<i>Minuspio cirrifera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	21	1.79
<i>Minuspio cirrobranchiata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	9	3.57
<i>Prionospio cristata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	10	3.57
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	22	1.79
cf. <i>Prionospio</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	23	1.79
cf. <i>Barautolla</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	24	1.79
<i>Dasybranchus lunulatus</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	4	5.36
<i>Notomastus hemipodus</i>		1	0	1	2	1	5	1.00	0.63	0.40	0.21-1.78	2	8.93
<i>Praxillella</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	25	1.79
Polynoidae undet. sp. D		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	26	1.79
<i>Sthenelais boa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	27	1.79
<i>Ehlersia</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	28	1.79
<i>Sphaerosyllis</i> spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	29	1.79
<i>Ceratocephale</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	30	1.79
<i>Lumbrineris ernesti</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	31	1.79
<i>Lumbrineris verrilli</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	5	5.36
cf. <i>Amaeana accraensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	32	1.79

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		10	7	14	16	9	56	11.20	3.31	0.98
Number of taxa		9	7	11	8	7	42	8.40	1.50	
Shannon-Weaver H' (log 10)		0.94	0.85	0.97	0.71	0.82	1.38	0.86	0.09	
Dominance (1 - Simpson Index)		0.98	1.00	0.93	0.76	0.94	0.96	0.92	0.01	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 5 (#29). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona molitba</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.29
<i>Paracerceis caudata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	28	0.58
<i>Xenanthura brevitelson</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.29
<i>Erichsonella filiformis isabel.</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	29	0.58
Paratanaididae sp. A		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	23	0.86
Tanaididae sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.29
<i>Kalliapseudes</i> n. sp. A		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	30	0.58
Nemertina		16	0	1	9	0	26	5.20	6.37	7.80	0.00-13.10	3	7.49
Nematoda		8	5	0	5	0	18	3.60	3.14	2.73	0.00-7.49	6	5.19
<i>Vaunthompsonia floridana</i>		5	0	0	3	0	8	1.60	2.06	2.65	0.00-4.15	9	2.31
<i>Vaunthompsonia minor</i>		2	0	0	3	0	5	1.00	1.26	1.60	0.00-2.57	14	1.44
<i>Almyracuma</i> sp. A		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	31	0.58
Calanoida spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.29
Myodocopa spp.		8	0	0	0	0	8	1.60	3.20	6.40	0.00-5.57	10	2.31
<i>Batea catharinensis</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	32	0.58
<i>Caprella equilibra</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	33	0.58
<i>Cerapus</i> n. sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.29
<i>Corophium acherusicum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.29
<i>Listriella barnardi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.29
<i>Photis</i> sp.		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	34	0.58
<i>Synchelidium americanum</i>		1	0	1	0	3	5	1.00	1.10	1.20	0.00-2.35	15	1.44
<i>Photis pugnator</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	24	0.86
<i>Lembos</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.29
<i>Acteon punctostriatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.29
<i>Caecum pulchellum</i>		10	5	1	11	0	27	5.40	4.50	3.75	0.00-10.98	2	7.78
<i>Dentalium antillarum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	62	0.29
<i>Mangelia</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.29
<i>Nucula proxima</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	35	0.58
<i>Odostomia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.29
<i>Olivella perplexa</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	36	0.58
<i>Pitar simpsoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	65	0.29
<i>Linga amiantus</i>		1	1	1	3	0	6	1.20	0.98	0.80	0.00-2.41	12	1.73
<i>Parvilucina multilineata</i>		1	2	3	1	1	8	1.60	0.80	0.40	0.61-2.59	11	2.31
<i>Tellina versicolor</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	37	0.58
Holothuriidae sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.29

POLYCHAETES

<i>Naineris setosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.29
<i>Scoloplos (Leodamus) rubra</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	19	1.15

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Aricidea fragilis</i>		1	2	1	0	0	4	0.80	0.75	0.70	0.00-1.72	20	1.15
<i>Aricidea philbinae</i>		4	0	0	0	1	5	1.00	1.55	2.40	0.00-2.92	16	1.44
<i>Aricidea</i> n. sp. A		11	6	4	0	4	25	5.00	3.58	2.56	0.56-9.44	4	7.20
<i>Aricidea</i> sp. B		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	38	0.58
<i>Cirrophorus</i> sp.		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	39	0.58
<i>Paranoides</i> n. sp.		5	1	0	0	0	6	1.20	1.94	3.13	0.00-3.60	13	1.73
<i>Minuspio cirrifera</i>		3	1	0	0	0	4	0.80	1.17	1.70	0.00-2.24	21	1.15
<i>Prionospio cristata</i>		8	3	1	0	2	14	2.80	2.79	2.77	0.00-6.25	7	4.03
<i>Scolelepis (Scolelepis)</i> <i>texana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.29
<i>Caulleriella alata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.58
cf. <i>Caulleriella</i> <i>killariensis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.29
<i>Tharyx annulosus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.29
cf. <i>Anotomastus</i> cf. <i>gordiodes</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.29
cf. <i>Barautolla</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.29
<i>Capitella capitata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	41	0.58
<i>Capitellides jonesi</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	25	0.86
<i>Mediomastus</i> sp.		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	26	0.86
<i>Notomastus hemipodus</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.58
<i>Paraleiocapitella</i> <i>mossambica</i>		0	2	0	0	3	5	1.00	1.26	1.60	0.00-2.57	17	1.44
<i>Armandia maculata</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	43	0.58
<i>Phyllodoce (N.) fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.29
Phyllodocidae juvenile		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.29
Polynoidae undet. sp. B		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.29
Polynoidae undet. sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.29
<i>Pholoe minuta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.29
<i>Sthenelais boa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.29
<i>Sthenelais limicola</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	44	0.58
<i>Bhawania goodei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.29
<i>Chrysopetalum</i> <i>occidentale</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.58
<i>Gyptis</i> sp.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	46	0.58
cf. <i>Cabira incerta</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	47	0.58
<i>Brania</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.29
<i>Ehlersia</i> sp. A		3	2	0	0	0	5	1.00	1.26	1.60	0.00-2.57	18	1.44
<i>Exogone dispar</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	48	0.58
<i>Exogone verugera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.29
<i>Sphaerosyllis</i> spp.		10	0	0	0	0	10	2.00	4.00	8.00	0.00-6.96	8	2.88
<i>Sphaerosyllis</i> <i>pettiboneae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.29
<i>Platynereis dumerilii</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.29
<i>Glycera</i> cf. <i>americana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.29
<i>Goniada maculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.29
<i>Lumbrineris latreilli</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	27	0.86
<i>Lumbrineris verrilli</i>		13	3	1	0	2	19	3.80	4.71	5.83	0.00-9.64	5	5.48
<i>Pettiboneia</i> n. sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	49	0.58

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Schistomeringos</i> cf. <i>pectinata</i>	27	0	4	0	2	33	6.60	10.31	16.10	0.00-19.39	1	9.51	
<i>Galathowenia africana</i>	1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	50	0.58	
<i>Pherusa inflata</i>	3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	22	1.15	
<i>Piromis eruca</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	51	0.58	
<i>Terebellides stroemi</i>	0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	52	0.58	

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		194	46	32	46	29	347	69.40	62.69	56.63
Number of taxa		62	23	20	15	17	137	27.40	17.51	
Shannon-Weaver H' (log 10)		1.53	1.27	1.23	1.01	1.18	1.64	1.24	0.17	
Dominance (1 - Simpson Index)		0.96	0.95	0.96	0.89	0.96	0.96	0.94	0.01	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 6 (#35). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona doria</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.14
<i>Carpas stylodactylus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.14
<i>Paracerceis caudata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.14
<i>Erichsonella filiformis isabel.</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	46	0.28
Paratanaidae sp. A		21	3	1	18	2	45	9.00	8.65	8.31	0.00-19.73	4	6.35
Apseudidae sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.14
<i>Kalliapseudes n. sp. A</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.14
Nemertina		0	1	17	1	8	27	5.40	6.47	7.75	0.00-13.43	6	3.81
Nematoda		6	0	11	11	12	40	8.00	4.52	2.55	2.39-13.60	5	5.64
<i>Phascolion cryptus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.14
Caridea sp. indet.		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	36	0.42
<i>Alpheus normanni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.14
<i>Hippolyte sp. indet.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	67	0.14
<i>Hippolyte pleuracantha</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	68	0.14
<i>Hippolyte zostericola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.14
<i>Latreutes fucorum</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	47	0.28
<i>Ampelisca abdita</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.14
<i>Amphilocheus neopolitanus</i>		2	1	0	4	0	7	1.40	1.50	1.60	0.00-3.25	25	0.99
<i>Caprella equilibra</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	48	0.28
<i>Cerapus n. sp.</i>		7	0	1	1	0	9	1.80	2.64	3.87	0.00-5.07	18	1.27
<i>Corophium acherusicum</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	37	0.42
<i>Cymadusa compta</i>		9	0	0	12	0	21	4.20	5.23	6.51	0.00-10.69	7	2.96
<i>Elasmopus laevis</i>		0	0	2	5	2	9	1.80	1.83	1.87	0.00-4.07	19	1.27
<i>Erichthonius brasiliensis</i>		9	11	3	23	5	51	10.20	7.00	4.80	1.51-18.88	3	7.19
<i>Lembos unicornis</i>		3	2	1	3	3	12	2.40	0.80	0.27	1.41-3.39	14	1.69
<i>Lysianassa alba</i>		4	1	0	3	1	9	1.80	1.47	1.20	0.00-3.62	20	1.27
<i>Paraphoxus floridanus</i>		6	3	1	4	1	15	3.00	1.90	1.20	0.64-5.35	12	2.12
<i>Photis sp.</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	31	0.56
<i>Tethygenia longleyi</i>		8	3	1	5	1	18	3.60	2.65	1.96	0.31-6.89	9	2.54
<i>Lembos sp.</i>		5	0	0	11	0	16	3.20	4.35	5.92	0.00-8.60	11	2.26
<i>Neopanope packardii</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	49	0.28
<i>Panopeus occidentalis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.14
Xanthidae juvenile		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.14
<i>Anodontia sp. A</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.14
<i>Anomia simplex</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.14
<i>Arcopsis adamsi</i>		0	0	0	6	0	6	1.20	2.40	4.80	0.00-4.17	29	0.85
<i>Astraea tecta americana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.14
<i>Bittium varium</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.14
<i>Brachidontes exustus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.14
<i>Caecum pulchellum</i>		20	1	16	28	7	72	14.40	9.52	6.29	2.58-26.21	2	10.16
<i>Chione cancellata</i>		1	0	2	1	5	9	1.00	1.72	1.64	0.00-3.93	21	1.27

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Codakia orbiculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.14
<i>Columbella rusticoides</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	79	0.14
<i>Crepidula maculosa</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	50	0.28
<i>Elysia</i> sp.		2	0	1	1	1	5	1.00	10.63	0.40	0.21-1.78	30	0.71
<i>Hyalina veliei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.14
<i>Ischnochiton papillosus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	51	0.28
<i>Linga amiantus</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	38	0.42
<i>Marginella apicina</i>		2	2	0	3	0	7	1.40	1.20	1.03	0.00-2.88	26	0.99
<i>Marginella aureocincta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.14
<i>Meioceras nitida</i>		6	2	4	4	1	17	3.40	1.74	0.89	1.24-5.56	10	2.40
<i>Odostomia</i> sp. E		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.14
<i>Rissoina catesbyana</i>		0	0	0	10	0	10	2.00	4.00	8.00	0.00-6.96	15	1.41
<i>Tellina similis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.14
<i>Tellina versicolor</i>		5	1	0	1	0	7	1.40	1.85	2.46	0.00-3.70	27	0.99
<i>Turbonilla</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.14
<i>Turbonilla</i> sp. F		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.14
<i>Circulus suppressus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.14

POLYCHAETES

<i>Haploscoloplos foliosus</i>		6	0	2	1	0	9	1.80	2.23	2.76	0.00-4.56	22	1.27
<i>Naineris setosa</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	52	0.28
<i>Aricidea philbinae</i>		0	1	3	3	0	7	1.40	1.36	1.31	0.00-3.08	28	0.99
<i>Aricidea</i> sp. C		1	4	7	2	0	14	2.80	2.48	2.20	0.00-5.88	13	1.97
<i>Paraonides</i> n. sp.		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	32	0.56
<i>Minuspio cirrifera</i>		3	12	1	3	0	19	3.80	4.26	4.78	0.00-9.09	8	2.68
<i>Prionospio cristata</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	39	0.42
<i>Prionospio heterobranchia</i>		32	13	33	10	0	88	17.60	12.91	9.47	1.57-33.62	1	12.41
<i>Magelona pettiboneae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.14
<i>Caulleriella alata</i>		0	1	0	1	8	10	2.00	3.03	4.60	0.00-5.76	16	1.41
cf. <i>Caulleriella killariensis</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	40	0.42
<i>Cirratulus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.14
<i>Cirriformia filigera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	89	0.14
<i>Tharyx annulosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.14
cf. <i>Tharyx</i> sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	53	0.28
<i>Macrochaeta</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.14
<i>Mediomastus</i> sp.		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	41	0.42
<i>Notomastus latericeus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.14
<i>Erythroproctus platyproctus</i>		0	3	3	2	0	8	1.60	1.36	1.15	0.00-3.28	24	1.13
<i>Phyllodoce</i> (N.) <i>fragilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.14
Polynoidae undet. sp. D		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	54	0.28
<i>Brania</i> sp. A		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	42	0.42
<i>Ehlersia</i> sp. A		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	33	0.56
<i>Exogone arenosa</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	43	0.42
<i>Exogone dispar</i>		3	0	4	2	0	9	1.80	1.60	1.42	0.00-3.78	23	1.27
<i>Exogone verugera</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.14

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Odontosyllis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.14
<i>Sphaerosyllis</i> spp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	55	0.28
<i>Sphaerosyllis</i> <i>pettiboneae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	96	0.14
<i>Syllis gracilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.14
<i>Typosyllis</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.14
<i>Nereis (Neanthes)</i> <i>succinea</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	44	0.42
<i>Platynereis dumerilii</i>		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	34	0.56
Nereidae juvenile		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	56	0.28
<i>Glycera abbranchiata</i>		0	2	6	2	0	10	2.00	2.19	2.40	0.00-4.71	17	1.41
<i>Glycera tessellata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	57	0.28
<i>Glycinde solitaria</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	58	0.28
<i>Nematonereis unicornis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.14
<i>Lumbrineris latreilli</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	59	0.28
<i>Lumbrineris verrilli</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	45	0.42
<i>Arabella unicolor</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	100	0.14
<i>Schistomeringos</i> <i>rudolphi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	101	0.14
<i>Piromis eruca</i>		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	35	0.56
<i>Terebella rubra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.14
<i>Terebellides stroemi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.14
<i>Fabricia sabella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.14

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		196	95	150	205	63	709	141.80	55.50	21.72
Number of taxa		50	43	42	47	20	202	40.40	10.59	
Shannon-Weaver H' (log 10)		1.42	1.43	1.31	1.41	1.12	1.60	1.34	0.12	
Dominance (1 - Simpson Index)		0.94	0.95	0.92	0.95	0.91	0.95	0.93	0.01	



Benthic Organisms Collected During Phase II Quarter 2 at Station No. 7 (#39). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Nemertina		7	23	0	0	0	30	6.00	8.92	13.27	0.00-17.07	2	13.76
Nematoda		3	11	0	2	0	16	3.20	4.07	5.17	0.00-8.25	5	7.34
<i>Ephinoe</i> sp. A		1	1	0	0	0	21	0.40	0.49	0.60	0.00-1.00	18	0.92
<i>Mancocuma</i> sp. A		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	15	1.38
<i>Vaunthompsonia floridana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	22	0.46
<i>Myodocopa</i> spp.		0	38	1	1	0	40	8.00	15.01	28.15	0.00-26.63	1	18.35
<i>Ampelisca abdita</i>		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	11	1.83
<i>Erichthonius brasiliensis</i>		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	12	1.83
<i>Abra aequalis</i>		1	0	2	0	2	5	1.00	0.89	0.80	0.00-2.11	10	2.29
<i>Cumingia tellinoides vanhyning</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	19	0.92
<i>Nucula proxima</i>		3	2	7	8	0	20	4.00	3.03	2.30	0.23-7.76	4	9.17
<i>Parvilucina multilineata</i>		2	0	4	4	0	10	2.00	1.79	1.60	0.00-4.22	7	4.59
<i>Tagelus divisus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	23	0.46
<i>Tellina versicolor</i>		0	1	4	0	1	6	1.20	1.47	1.80	0.00-3.02	9	2.75
<i>Vermicularia knorrrii</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	24	0.46
POLYCHAETES													
cf. <i>Naineris</i> sp.		0	0	3	0	1	4	0.80	1.17	1.70	0.00-2.24	13	1.63
<i>Scoloplos (Scoloplos) texana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	25	0.46
<i>Scoloplos (Scoloplos) rubra</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	26	0.46
<i>Aricidea fragilis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	27	0.46
<i>Aricidea philbinae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	28	0.46
<i>Cirrophorus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	29	0.46
<i>Paranoides</i> n. sp.		21	0	0	0	0	21	4.20	8.40	16.80	0.00-14.62	3	9.63
<i>Minuspio cirrifera</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	14	1.83
<i>Prionospio heterobranchia</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	30	0.46
<i>Poecilochaetus johnsoni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	31	0.46
<i>Capitella capitata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	32	0.46
<i>Capitellides giardi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.60-0.69	33	0.46
<i>Notomastus hemipodus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.46
<i>Praxillella</i> sp.		2	0	2	2	5	11	2.20	1.60	1.16	0.21-4.18	6	5.05
Polynoidae undet. sp. D		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	20	0.92
<i>Gyptis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.46
<i>Sphaerosyllis</i> spp.		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	16	1.38
<i>Ceratonereis irritabilis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	36	0.46
<i>Glycinde solitaria</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	21	0.92
<i>Lumbrineris ernesti</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.46
<i>Lumbrineris verrilli</i>		3	0	1	3	1	8	1.60	1.20	0.90	0.11-3.08	8	3.67

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 7 (#39)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Schistomeringos rudolphi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.46
<i>Pista cristata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.46
<i>Terebellides stroemi</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	17	1.38

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		67	81	30	27	13	218	43.60	25.86	15.34
Number of taxa		25	9	14	12	8	68	13.60	6.09	
Shannon-Weaver H' (log 10)		1.16	0.62	1.03	0.95	0.80	1.26	0.91	0.01	
Dominance (1 - Simpson Index)		0.89	0.69	0.91	0.89	0.86	0.92	0.85	0.01	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 8 (#41). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Carpis stylodactylus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.28
<i>Paracerceis caudata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	29	0.56
<i>Xenanthura brevitelson</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	22	0.84
Paratanaididae sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	49	0.28
Paratanaididae sp. C		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	50	0.28
Tanaididae sp. C		0	0	0	3	24	27	5.40	9.37	16.27	0.00-17.03	3	7.52
<i>Kalliapseudes</i> n. sp. A		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	30	0.56
Nemertina		2	1	1	1	12	17	3.40	4.32	5.48	0.00-8.75	4	4.74
Nematoda		0	3	0	1	4	8	1.60	1.62	1.65	0.00-3.61	9	2.23
<i>Phascolion</i> sp. indet.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.28
<i>Oxyurostylis smithi</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	18	1.11
Cumacea sp. N		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	52	0.28
<i>Harpachoida</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	53	0.28
Myodocopa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.28
<i>Periclimenes americanus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.28
<i>Hippolyte</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.28
<i>Hippolyte zostericola</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	57	0.28
<i>Processa bermudensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.28
Chaetognatha		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.28
Tunicata		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.28
<i>Ampelisca vadorum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.28
<i>Amphilocheus neopolitanus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	62	0.28
<i>Cerapus</i> n. sp.		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	23	0.84
<i>Corophium acherusicum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.28
<i>Dulichella appendiculata</i>		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	19	1.11
<i>Elasmopus laevis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.28
<i>Erichthonius brasiliensis</i>		0	1	3	0	1	5	1.00	1.10	1.20	0.00-2.35	14	1.39
<i>Lembos unicornis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.28
<i>Photis</i> sp.		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	24	0.84
<i>Synchelidium americanum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	66	0.28
<i>Tethygenia longleyi</i>		0	4	0	0	3	7	1.40	1.74	2.17	0.00-3.56	10	1.95
<i>Lembos</i> sp.		0	2	1	0	3	6	1.20	1.17	1.13	0.00-2.64	12	1.67
<i>Amphiodia pulchella</i>		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	20	1.11
<i>Ophiactis pulchella</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	31	0.56
<i>Acteocina canaliculata</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	32	0.56
<i>Caecum pulchellum</i>		0	13	4	8	21	46	9.20	7.30	5.80	0.13-18.26	2	12.81
<i>Cardiomya gemma</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.28
<i>Granulina ovuliformis</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	33	0.56
<i>Linga amiantus</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	25	0.84
<i>Marginella apicina</i>		0	2	2	0	1	5	1.00	0.89	0.80	0.00-2.11	15	1.39

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Meioceras nitida</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.28
<i>Nucula proxima</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	34	0.56
<i>Olivella perplexa</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	26	0.84
<i>Parvilucina multilineata</i>		1	1	0	0	3	5	1.00	1.10	1.20	0.00-2.35	16	1.39
<i>Tellina versicolor</i>		1	5	0	3	5	14	2.80	2.04	1.49	0.27-5.33	5	3.90
<i>Turbonilla</i> sp. B		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	35	0.56
<i>Turbonilla</i> sp. F		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	36	0.56
<i>Doto</i> sp. A		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	37	0.56

POLYCHAETES

<i>Scoloplos (Leodamus) rubra</i>		1	0	1	1	0	3	0.60	0.49	0.40	0.00-1.20	27	0.84
<i>Aricidea philbinae</i>		1	18	9	12	13	53	10.60	5.61	2.97	3.64-17.56	1	14.76
<i>Paranoides</i> n. sp		0	3	2	3	6	14	2.80	1.94	1.34	0.39-5.20	6	3.90
<i>Laonice cirrata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	69	0.28
<i>Minuspio cirrifera</i>		0	0	6	0	1	7	1.40	2.33	3.89	0.00-4.29	11	1.95
<i>Prionospio cristata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	70	0.28
<i>Prionospio heterobranchia</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	38	0.56
cf. <i>Prionospio</i> sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	39	0.56
<i>Caulleriella alata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.56
cf. <i>Cirratulus</i> sp.		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	41	0.56
<i>Tharyx annulosus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	71	0.28
<i>Capitella capitata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.56
<i>Capitellides jonesi</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	43	0.56
<i>Mediomastus</i> sp.		1	1	2	0	1	5	1.00	0.63	0.40	0.21-1.78	17	1.39
<i>Scyphoproctus platyproctus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	44	0.56
<i>Eulalia (Eumida) sanguinea</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	45	0.56
<i>Pholoe minuta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	72	0.28
<i>Podarke obscura</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	46	0.56
<i>Brania</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	73	0.28
<i>Ehlersia</i> sp. A		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	28	0.84
<i>Sphaerosyllis</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	74	0.28
<i>Typosyllis</i> sp. F		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	75	0.28
<i>Nereis (Neanthes) acuminata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.28
<i>Platynereis dumerilii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	77	0.28
Nereidae juvenile		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.28
<i>Glycera abbranchiata</i>		0	1	2	1	2	6	1.20	0.75	0.47	0.27-2.12	13	1.67
<i>Glycinde solitaria</i>		1	1	0	2	0	4	0.80	0.75	0.70	0.00-1.72	21	1.11
<i>Lumbrineris verrilli</i>		3	3	3	1	1	11	2.20	0.98	0.44	0.90-3.41	7	3.06
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	79	0.28
<i>Piromis eruca</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	80	0.28
<i>Isolda pulchella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.28
<i>Pista cristata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.28

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Polycirrus eximius</i>		1	0	4	1	4	10	2.00	1.67	1.40	0.00-4.07	8	2.79
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.28
Terebellidae sp. indet.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	47	0.56
<i>Terebellides stroemi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.28
<i>Pseudobranchiomma emersoni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.28

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		20	94	54	54	137	359	71.80	40.15	22.45
Number of taxa		16	38	25	28	45	152	30.40	10.13	
Shannon-Weaver H' (log 10)		1.17	1.37	1.28	1.26	1.34	1.57	1.28	0.07	
Dominance (1 - Simpson Index)		0.97	0.94	0.95	0.93	0.93	0.95	0.94	0.01	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 9 (#42). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Paracerceis caudata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	29	0.32
Nemertina		3	5	0	0	1	9	1.80	1.94	2.09	0.00-4.20	5	2.95
Nematoda		6	5	0	0	2	13	2.60	2.50	2.40	0.00-5.70	3	4.13
<i>Sipuncula</i> spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	30	0.32
<i>Phascolion cryptus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	18	0.63
<i>Cumacea</i> sp. N		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	31	0.32
<i>Myodocopa</i> spp.		0	5	0	5	0	10	2.00	2.45	3.00	0.00-5.04	4	3.17
<i>Alpheus normanni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	32	0.32
<i>Ampelisca abdita</i>		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	12	1.27
<i>Cymadusa compta</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	33	0.32
<i>Leucothoe spinicarpa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.32
<i>Microdeutopus myersi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.32
<i>Isopoda</i> spp.		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	19	0.63
<i>Acteocina canaliculata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	36	0.32
<i>Anodontia</i> sp. A		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	20	0.63
<i>Caecum pulchellum</i>		57	31	0	31	40	159	31.80	18.52	10.78	8.81-54.79	1	50.48
<i>Galeommatacea</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	37	0.32
<i>Meioceras nitida</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	21	0.63
<i>Nucula proxima</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	22	0.63
<i>Olivella perplexa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.32
<i>Parvilucina multilineata</i>		3	1	0	0	2	6	1.20	1.17	1.13	0.00-2.64	8	1.90
<i>Tellina versicolor</i>		4	1	0	0	2	7	1.40	1.50	1.60	0.00-3.25	7	2.22
<i>Turbonilla</i> sp. E		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.32

#### POLYCHAETES

<i>Naineris setosa</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	23	0.63
<i>Scoloplos (Leodamus) rubra</i>		0	1	0	2	1	4	0.80	0.75	0.70	0.00-1.72	13	1.27
<i>Aricidea fragilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.32
<i>Minuspio cirrifera</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	15	0.95
<i>Prionospio heterobranchia</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.32
<i>Magelona pettiboneae</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	24	0.63
<i>Spiochaetopterus costarum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.32
<i>Tharyx annulosus</i>		3	2	0	0	0	5	1.00	1.26	1.60	0.00-2.57	9	1.59
<i>Mediomastus</i> sp.		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	25	0.63
<i>Notomastus hemipodus</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	26	0.63
<i>Asychis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.40	0.00-0.69	43	0.32
<i>Axiothella mucosa</i>		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	14	1.27
Polynoidae undet. sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.12
<i>Podarke obscura</i>		3	2	0	1	2	8	1.60	1.02	0.65	0.33-2.86	6	2.54

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Ehlersia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.32
<i>Sphaerosyllis</i> spp.		0	5	0	0	0	5	1.00	2.00	4.00	0.00-3.48	10	1.59
<i>Ceratocephale</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	46	0.32
<i>Nereis (Nereis)</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	47	0.32
<i>Platynereis dumerilii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	48	0.32
<i>Glycinde solitaria</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	27	0.63
<i>Lumbrineris</i> cf. <i>albidentata</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	16	0.95
<i>Lumbrineris latreilli</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	17	0.95
<i>Lumbrineris verrilli</i>		5	7	0	8	1	21	4.20	3.19	2.42	0.24-8.15	2	6.67
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.32
<i>Piromis eruca</i>		5	0	0	0	0	5	1.00	2.00	4.00	0.00-3.48	11	1.59
cf. <i>Lysilla</i> sp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	28	0.63
<i>Streblosoma hartmanae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.32
<i>Terebellides stroemi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	151	0.32
<i>Chone americana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	52	0.32

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		106	83	4	61	61	315	63.00	33.88	18.22
Number of taxa		23	25	4	16	18	86	17.20	7.36	
Shannon-Weaver H' (log 10)		0.88	1.08	0.60	0.81	0.70	1.05	0.81	0.16	
Dominance (1 - Simpson Index)		0.70	0.84	1.00	0.72	0.57	0.74	0.77	0.09	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 6 (#35). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Carpas stylodactylus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.16
<i>Kalliapseudes</i> n. sp. A		52	1	8	0	3	64	12.80	19.79	30.61	0.00-37.37	2	10.06
Nemertina		3	0	1	0	3	7	1.40	1.36	1.31	0.00-3.08	9	1.10
Nematoda		5	0	0	0	1	6	1.20	1.94	3.13	0.00-3.60	11	0.94
<i>Phascolion caupo</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	18	0.47
<i>Cumacea</i> sp. indet.		1	0	0	0	0	1	0.20	0.40	0.40	0.00-0.69	36	0.16
<i>Harpachoida</i> spp.		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	15	0.63
<i>Myodocopa</i> sp.		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	19	0.47
<i>Ampelisca abdita</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	26	0.31
<i>Ampithoe longimana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	37	0.16
<i>Corophium acherusicum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.16
<i>Erichthonius brasiliensis</i>		0	6	0	1	0	7	1.40	2.33	3.89	0.00-4.29	10	1.10
<i>Lembos unicornis</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	27	0.31
<i>Photis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.16
<i>Eudevenopus honduranus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	40	0.16
<i>Synchelidium americanum</i>		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	20	0.47
<i>Isopoda</i> spp.		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	16	0.63
<i>Acteocina canaliculata</i>		0	0	0	2	0	2	0.40	0.40	1.60	0.00-1.39	28	0.31
Aeolidiidae sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.16
<i>Brachidontes exustus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	42	0.16
<i>Caecum pulchellum</i>		171	3	65	31	87	357	71.40	57.47	46.26	0.05-142.75	1	56.13
<i>Macoma</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.16
<i>Marginella apicina</i>		0	5	0	0	0	5	1.00	2.00	4.00	0.00-3.48	12	0.79
<i>Odostomia</i> sp. E		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	29	0.31
<i>Olivella perplexa</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	21	0.47
<i>Pitar simpsoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	44	0.16
<i>Tellina versicolor</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	22	0.47
<i>Leptosynapta parvipatina</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.16
POLYCHAETES													
<i>Scoloplos (Scoloplos)</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.16
<i>Scoloplos (Leodamus)</i> <i>rubra</i>		11	10	1	10	0	32	6.40	4.84	3.66	0.39-12.41	3	5.03
Aricidea sp. C		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	23	0.47
Paraonides n. sp.		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	24	0.47
<i>Polydora plena</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.16
<i>Prionospio fallax</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.16



Benthic Organisms Collected During Phase II Quarter 2 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Prionospio heterobranchia</i>		11	2	2	1	0	16	3.20	3.97	4.93	0.00-8.12	4	2.52
<i>Pseudopolydora cf. pulchra</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.16
<i>Pseudopolydora sp.</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	30	0.31
<i>Scolecopsis squamata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.16
<i>Caulleriella alata</i>		5	3	2	1	0	11	2.20	1.72	1.35	0.06-4.33	6	1.73
cf. <i>Caulleriella killariensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.16
cf. <i>Cirratulus sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.16
cf. <i>Tharyx sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.16
<i>Mediomastus sp.</i>		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	25	0.47
<i>Notomastus hemipodus</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	31	0.31
<i>Axiiothella mucosa</i>		2	0	1	2	0	5	1.00	0.89	0.80	0.00-2.11	13	0.79
Polynoidae undet. sp. E		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.16
<i>Podarke obscura</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.16
<i>Ehlersia sp. A</i>		10	0	0	1	0	11	2.20	3.92	6.98	0.00-7.06	7	1.73
<i>Exogone arenosa</i>		14	0	0	1	0	15	3.00	5.51	10.13	0.00-9.84	5	2.36
<i>Exogone dispar</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.16
<i>Sphaerosyllis spp.</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	17	0.63
Syllidae (Eusyllinae) sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.16
<i>Ceratonereis irritabilis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.16
<i>Glycera tessellata</i>		4	1	0	0	0	5	1.00	1.55	2.40	0.00-2.92	14	0.79
<i>Glycinde solitaria</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	32	0.31
cf. <i>Mooreonuphis sp.</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	33	0.31
<i>Nematonereis unicornis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.16
<i>Lumbrineris verrilli</i>		6	1	2	2	0	11	2.20	2.04	1.89	0.00-4.73	8	1.73
<i>Arabella (Gen.) nultidentata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	60	0.16
<i>Galathowenia africana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.16
<i>Polycirrus eximius</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	34	0.31
<i>Chone americana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.16
<i>Fabricia sabella</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.16
<i>Sabella variegata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.16
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		328	52	87	67	102	636	127.20	101.83	81.53			
Number of taxa		37	24	13	21	9	104	20.80	9.72				
Shannon-Weaver H' (log 10)		0.86	1.24	0.48	0.92	0.31	0.92	0.76	0.33				
Dominance (1 - Simpson Index)		0.70	0.94	0.44	0.77	0.27	0.67	0.62	0.16				

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 11 (#47). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Carpis</i> <sup>*</sup> <i>stylodactylus</i>		477	0	69	189	339	1074	214.80	174.49	141.75	0.00-431.42	2	19.60
<i>Paracerceis caudata</i>	61	12	25	23	72	193	38.60	23.47	14.27	9.47-67.73	5	3.52	
<i>Erichsonella floridana</i>	0	6	0	0	0	6	1.20	2.40	4.80	0.00-4.17	46	0.11	
<i>Erichsonella</i> sp. indet.	0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	56	0.05	
Paratanaide A	5	4	9	12	10	40	8.00	3.03	1.15	4.23-11.76	22	0.73	
Tanaidae sp. C	8	1	1	10	9	29	5.80	3.97	2.72	0.87-10.72	24	0.53	
Anthozoa	0	2	0	0	4	6	1.20	1.60	2.13	0.00-3.18	47	0.11	
Turbellaria	30	0	0	10	7	47	9.40	11.02	12.92	0.00-23.08	19	0.86	
Nemertina	25	5	3	47	26	106	21.20	16.10	12.23	1.21-41.19	9	1.93	
Nematoda	10	6	2	13	14	45	9.00	4.47	2.22	3.45-14.55	20	0.82	
Sipuncula spp.	0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	57	0.05	
Calanoida spp.	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.02	
Harpachoida spp.	4	0	4	41	23	72	14.40	15.53	16.74	0.00-33.67	15	1.31	
Podocopa spp.	5	0	0	156	91	252	50.40	63.15	79.13	0.00-128.80	4	4.60	
<i>Balanus trigonus</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.02	
<i>Paranebalia longipes</i>	18	0	4	21	21	64	12.80	8.98	6.29	1.66-23.94	16	1.17	
Caridea sp. indet.	0	0	7	0	0	7	1.40	2.80	5.60	0.00-4.97	42	0.13	
<i>Hippolyte</i> sp. indet.	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	83	0.02	
<i>Thor floridanus</i>	22	3	9	11	12	57	11.40	6.15	3.32	3.76-19.03	17	1.04	
Pycnogonida spp.	13	5	0	3	4	25	5.00	4.34	3.76	0.00-10.38	28	0.46	
Chaetognatha	9	0	0	42	29	80	16.00	16.77	17.58	0.00-36.81	14	1.46	
Tunicata	22	0	0	7	0	29	5.00	8.54	12.58	0.00-16.40	25	0.53	
<i>Anamixis hanseni</i>	6	0	2	3	2	13	2.60	1.96	1.48	0.17-5.03	37	0.24	
<i>Caprella equilibra</i>	0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	50	0.09	
<i>Corophium acherusicum</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.02	
<i>Cymadusa compta</i>	7	19	0	0	7	33	6.60	6.95	7.31	0.00-15.22	23	0.60	
<i>Dulichella</i> <sup>*</sup> <i>appendiculata</i>	409	170	105	333	353	1370	274.00	116.04	49.14	129.94-418.05	1	25.00	
<i>Elasmopus laevis</i>	0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	69	0.04	
<i>Erichthonius</i> <i>brasiliensis</i>	68	5	0	4	4	81	16.20	25.96	41.59	0.00-48.42	13	1.48	
<i>Lembos unicornis</i>	3	5	0	1	2	11	2.20	1.72	1.35	0.06-4.33	38	0.20	
<i>Leucothoe spinicarpa</i>	0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	58	0.05	
<i>Lysianassa alba</i>	8	15	5	10	11	49	9.80	3.31	1.12	5.69-13.91	18	0.89	
<i>Metaprotella</i> <i>hummelincki</i>	0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	70	0.04	
<i>Lembos</i> sp.	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.02	
Isopoda spp.	0	4	1	0	2	7	1.40	1.50	1.60	0.00-3.25	43	0.13	

\* Values are as follows: *Caecum pulchellum*, 477, 0, 69, 189, 339, 1074, 214.80, 174.49, 141.75, 0.00-431.42, 2, 19.60

\* Values are as follows: *Dulichella appendiculata*, 409, 170, 105, 333, 353, 1370, 274.00, 116.04, 49.14, 129.94-418.05, 1, 25.00

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Neopanope packardii</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	59	0.05
<i>Panopeus occidentalis</i>		0	0	0	1	0	1	0.20	0.40	0.90	0.00-0.69	86	0.02
Xanthidae juvenile		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	87	0.02
<i>Anachis hotessieriana</i>		15	0	2	0	0	17	3.40	5.85	10.07	0.00-10.66	34	0.31
<i>Anomia simplex</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	88	0.02
<i>Arcopsis adamsi</i>		5	0	2	4	3	14	2.80	1.72	1.06	0.66-4.93	35	0.26
<i>Barbatia cancellaria</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.02
<i>Bittium varium</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	60	0.05
<i>Brachidontes exustus</i>		13	0	2	2	11	28	5.60	5.31	5.04	0.00-12.19	26	0.51
<i>Caecum pulchellum</i>		77	216	99	91	181	664	132.80	55.22	22.97	64.24-201.35	3	12.12
<i>Carditamera floridana</i>		1	0	1	0	3	5	1.00	1.10	1.20	0.00-2.35	51	0.09
<i>Cerithium eburneum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.02
<i>Chione cancellata</i>		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	53	0.07
<i>Cylindrobulla beauui</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	71	0.04
<i>Diodora cayenensis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.02
<i>Diodora listeri</i>		6	0	1	2	1	10	2.00	2.10	2.20	0.00-4.60	39	0.18
<i>Granulina ovuliformis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	92	0.02
<i>Lima pellucida</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	61	0.05
<i>Meioceras nitida</i>		29	22	7	45	64	167	33.40	19.58	11.48	9.09-57.70	6	3.05
<i>Modulus modulus squamosus</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	62	0.05
		4	0	0	0	3	7	1.40	1.74	2.17	0.00-3.56	44	0.13
<i>Ostrea equestris</i>		19	0	0	1	1	21	4.20	7.41	13.09	0.00-13.40	33	0.38
<i>Pinctada imbricata</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	72	0.04
<i>Thala foveata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	73	0.04
<i>Turbo castanea</i>		0	0	1	0	3	4	0.80	1.17	1.70	0.00-2.24	54	0.07
<i>Turbonilla</i> sp. F		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	74	0.04
<i>Vermicularia knorrii</i>		16	3	2	20	53	94	18.80	18.50	18.20	0.00-41.76	10	1.72
<i>Vermicularia spirata</i>		19	24	31	24	27	125	25.00	3.95	0.62	20.10-29.90	7	2.28
<i>Alvania ameriana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	93	0.02
<i>Rissoina cancellata</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	63	0.05
<i>Rissoina catesbyana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.02
<i>Opsanus beta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.02
<i>Gobiosoma robustum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	96	0.02

POLYCHAETES

<i>Naineris setosa</i>		5	3	2	0	0	10	2.00	1.90	1.80	0.00-4.35	40	0.18
<i>Aricidea fragilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.02
<i>Aricidea philbinae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.02
<i>Prionospio heterobranchia</i>		2	1	2	0	0	5	1.00	0.89	0.80	0.00-2.11	52	0.09
<i>Caulleriella alata</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	64	0.05
cf. <i>Caulleriella killariensis</i>		5	0	1	0	0	6	1.20	1.94	3.13	0.00-3.60	48	0.11
<i>Cirriformia</i> sp. B		13	11	2	0	0	26	5.20	5.64	6.11	0.00-12.19	27	0.47
<i>Tharyx annulosus</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	75	0.04
cf. <i>Tharyx</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.02

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Macrochaeta</i> sp.		71	4	18	0	0	93	18.60	27.02	39.26	0.00-52.14	11	1.70
<i>Capitellides giardi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.02
<i>Capitellides jonesi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.02
<i>Mediomastus</i> sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	76	0.04
<i>Notomastus hemipodus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.02
<i>Scyphoproctus platyproctus</i>		6	0	0	0	0	6	1.20	2.40	4.80	0.00-4.17	49	0.11
<i>Harmothoe aculeata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.02
<i>Chrysopetalum occidentale</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.02
<i>Podarke obscura</i>		2	3	4	0	0	9	1.80	1.60	1.42	0.00-3.78	41	0.16
<i>Pilargis</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.02
<i>Autolytus</i> sp. A		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	65	0.05
<i>Brania</i> sp. A		13	0	1	0	0	14	2.80	5.11	9.34	0.00-9.14	36	0.26
<i>Ehlersia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.02
<i>Eusyllis</i> sp. A		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	66	0.05
<i>Exogone dispar</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.02
<i>Exogone verugera</i>		85	0	2	0	0	87	17.40	33.81	65.69	0.00-59.37	12	1.59
<i>Odontosyllis</i> sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	77	0.04
<i>Sphaerosyllis</i> spp.		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	55	0.07
<i>Typosyllis annularis</i>		20	0	4	0	0	24	4.80	7.76	12.53	0.00-14.42	30	0.44
<i>Typosyllis</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.02
<i>Typosyllis</i> sp. C		21	1	2	0	0	24	4.80	8.13	13.78	0.00-14.89	31	0.44
<i>Nereis (Neanthes) acuminata</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	78	0.04
<i>Platynereis dumerilii</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	67	0.05
<i>Linopherus canariensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.02
<i>Eunice vittatopsis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	79	0.04
<i>Nematonereis unicornis</i>		7	0	0	0	0	7	1.40	2.80	5.60	0.00-4.97	45	0.13
<i>Lumbrineris</i> cf. <i>albidentata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	110	0.02
<i>Schistomeringos rudolphi</i>		14	8	2	0	0	24	4.80	5.46	6.20	0.00-11.57	32	0.44
cf. <i>Lanice</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	111	0.02
cf. <i>Lanicides</i> sp.		25	0	0	0	0	25	5.00	10.00	20.00	0.00-17.41	29	0.46
<i>Polycirrus</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.02
<i>Terebellides stroemi</i>		37	2	6	0	0	45	9.00	14.17	22.31	0.00-26.59	21	0.82
<i>Trichobranchus glacialis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	80	0.04
<i>Branchiomma nigromaculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.02
<i>Sabella variegata</i>		85	1	27	0	0	113	22.60	32.87	47.80	0.00-63.40	8	2.06
<i>Hydroides dianthus</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	68	0.05
<i>Hydroides dirampha</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.02

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		1878	577	482	1135	1408	5480	1096.00	520.91	247.58
Number of taxa		81	41	46	36	42	246	49.20	16.22	
Shannon-Weaver H' (log 10)		1.26	0.93	1.15	1.05	1.04	1.23	1.08	0.11	
Dominance (1 - Simpson Index)		0.88	0.77	0.88	0.85	0.85	0.88	0.85	0.00	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 12 (#48). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Paracerceis caudata</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	33	0.43
<i>Erichsonella filiformis isabel.</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.14
Paratanaididae sp. A		0	4	1	1	0	6	1.20	1.47	1.80	0.00-3.02	22	0.86
Tanaididae sp. C		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	39	0.29
Turbellaria		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	49	0.14
Nemertina		0	0	29	1	16	46	9.20	11.62	14.67	0.00-23.62	5	6.60
Nematoda		28	12	36	1	52	129	25.80	17.89	12.41	3.59-48.01	1	18.51
<i>Hippolyte</i> sp. indet.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	40	0.29
<i>Hippolyte zostericola</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	41	0.29
<i>Thor floridanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.14
<i>Amphilochus</i>		0	0	4	0	2	6	1.20	1.60	2.13	0.00-3.18	23	0.86
<i>Batea catharinensis</i>		1	0	3	2	3	9	1.80	1.17	0.76	0.35-3.24	17	1.29
<i>Caprella equilibra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.14
<i>Cerapus</i> n. sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.14
<i>Cymadusa compta</i>		9	0	0	0	2	11	2.20	3.49	5.53	0.00-6.52	11	1.58
<i>Dulichella appendiculata</i>		6	1	0	0	3	10	2.00	2.28	2.60	0.00-4.83	14	1.43
<i>Elasmopus laevis</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	34	0.43
<i>Erichthonius brasiliensis</i>		37	5	19	4	0	65	13.00	13.61	14.25	0.00-29.89	4	9.33
<i>Lembos unicornis</i>		6	5	0	1	0	12	2.40	2.58	2.77	0.00-5.59	10	1.72
<i>Lysianassa alba</i>		4	2	0	0	0	6	1.20	1.60	2.13	0.00-3.18	24	0.86
<i>Paraphoxus floridanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.14
<i>Pseudaginella antiquae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	54	0.14
<i>Tethygenia longleyi</i>		6	2	0	1	1	10	2.00	2.10	2.20	0.00-4.60	15	1.43
<i>Melita nitida</i>		5	4	0	0	0	9	1.80	2.23	2.76	0.00-4.56	18	1.29
<i>Lembos</i> sp.		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	27	0.57
<i>Caecum pulchellum</i>		0	1	2	1	1	5	1.00	0.63	0.40	0.21-1.78	26	0.72
<i>Chione cancellata</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	35	0.43
<i>Corbula</i> sp. A		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.29
<i>Elysia</i> sp.		3	1	0	0	0	4	0.80	1.17	1.70	0.00-2.24	28	0.57
<i>Eulima</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.14
Galeommatacea sp. A		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	43	0.29
<i>Ischnochiton papillosus</i>		2	7	2	0	0	11	2.20	2.56	2.98	0.00-5.37	12	1.58
<i>Nassarius albus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.14
<i>Rissoina catesbyana</i>		13	0	0	0	0	13	2.60	5.20	10.40	0.00-9.05	9	1.87
<i>Tellina versicolor</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	44	0.29
<i>Circulus suppressus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.29
<i>Echinaster sentus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.14
<i>Lucania parva</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.14

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		0	0	2	1	0	3	0.60	0.90	1.07	0.00-1.59	36	0.43
<i>Naineris setosa</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	37	0.43
<i>Aricidea philbinae</i>		2	1	1	0	0	4	0.80	0.75	0.70	0.00-1.72	29	0.57
<i>Paraonides</i> n. sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.14
<i>Minuspio cirrifera</i>		10	0	0	0	0	10	2.00	4.00	8.00	0.00-6.96	16	1.43
<i>Prionospio heterobranchia</i>		4	0	2	0	0	6	1.20	1.60	2.13	0.00-3.18	25	0.86
<i>Caulleriella alata</i>		3	0	5	3	0	11	2.20	1.94	1.71	0.00-4.60	13	1.58
cf. <i>Caulleriella killariensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.14
<i>Tharyx annulosus</i>		0	0	11	3	0	14	2.80	4.26	6.49	0.00-8.09	8	2.01
cf. <i>Tharyx</i> sp.		0	0	0	80	0	80	16.00	32.00	64.00	0.00-55.72	3	11.48
<i>Macrochaeta</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.14
<i>Capitellides jonesi</i>		0	2	2	0	0	4	0.80	0.98	1.20	0.00-2.01	30	0.57
<i>Mediomastus</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.14
<i>Notomastus latericeus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	46	0.29
<i>Scyphoproctus platyproctus</i>		1	1	3	2	0	7	1.40	1.02	0.74	0.13-2.66	20	1.00
<i>Asychis elongata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.14
<i>Eulalia (Eumida) sanguinea</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.14
<i>Podarke obscura</i>		2	0	5	2	0	9	1.80	1.83	1.87	0.00-4.07	19	1.29
<i>Ehlersia</i> sp. A		0	7	7	2	0	16	3.20	3.19	3.18	0.00-7.15	7	2.30
<i>Odontosyllis</i> sp.		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	38	0.43
<i>Sphaerosyllis</i> spp.		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	31	0.57
<i>Typosyllis</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.14
<i>Nereis (Neanthes) acuminata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	66	0.14
<i>Glycera</i> cf. <i>americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.14
<i>Glycinde solitaria</i>		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	32	0.57
<i>Lumbrineris verrilli</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	47	0.29
<i>Schistomeringos rudolphi</i>		3	1	2	1	0	7	1.40	1.02	0.74	0.13-2.66	21	1.00
<i>Piromis eruca</i>		16	1	1	0	0	18	3.60	6.22	10.73	0.00-11.31	6	2.58
<i>Sabella variegata</i>		32	25	16	17	0	90	18.00	10.71	6.38	4.70-31.30	2	12.91
<i>Spirorbis</i> sp. indet.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.14
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		218	99	169	126	85	697	139.40	48.63	16.97			
Number of taxa		39	30	31	20	12	132	26.40	9.39				
Shannon-Weaver H' (log 10)		1.27	1.22	1.17	0.67	0.60	1.36	0.99	0.29				
Dominance (1 - Simpson Index)		0.92	0.91	0.90	0.58	0.59	0.92	0.78	0.08				

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 13 (#54). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Carpas stylodactylus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.07
<i>Paracerceis caudata</i>		1	0	0	4	0	5	1.00	1.55	2.40	0.00-2.92	21	0.34
<i>Erichsonella filiformis isabel.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.07
Paratanaidae sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.07
Turbellaria		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	24	0.27
Nemertina		0	6	1	0	0	7	1.40	2.33	3.89	0.00-4.29	16	0.48
Nematoda		0	9	1	59	33	102	20.40	22.68	25.21	0.00-48.55	3	7.00
<i>Phascolion caupo</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.07
<i>Phascolion cryptus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	47	0.07
<i>Balanus improvisus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.07
<i>Balanus trigonus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.07
<i>Penaeus cf. brasiliensis</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	39	0.14
<i>Hippolyte sp. indet.</i>		1	1	2	0	0	4	0.80	0.75	0.70	0.00-1.72	25	0.27
<i>Thor floridanus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	50	0.07
<i>Pagurus macLaughlinae</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	28	0.21
Chaetognatha		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.07
Tunicata		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	29	0.21
<i>Ampelisca abdita</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	30	0.21
<i>Ampelisca vadorum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.07
<i>Amphilocheus neopolitanus</i>		4	0	0	2	2	8	1.60	1.50	1.40	0.00-3.45	14	0.55
<i>Batea catharinensis</i>		4	7	12	4	6	33	6.60	2.94	1.31	2.95-10.24	9	2.26
<i>Corophium acherusicum</i>		3	0	0	2	1	6	1.20	1.17	1.13	0.00-2.64	17	0.41
<i>Cymadusa compta</i>		51	1	13	14	18	97	19.40	16.79	14.53	0.00-40.24	4	6.65
<i>Dulichella appendiculata</i>		4	0	0	2	0	6	1.20	1.60	2.13	0.00-3.18	18	0.41
<i>Elasmopus laevis</i>		3	0	0	3	0	6	1.20	1.47	1.80	0.00-3.02	19	0.41
<i>Erichthonius brasiliensis</i>		17	0	2	4	17	40	8.00	7.46	6.95	0.00-17.25	8	2.74
<i>Lembos dentischium</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	31	0.21
<i>Lembos rectangulatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.07
<i>Lysianassa alba</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	54	0.07
<i>Eudevenopus honduranus</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	32	0.21
<i>Tethygenia longleyi</i>		8	0	1	1	0	10	2.00	3.03	4.60	0.00-5.76	12	0.69
<i>Melita nitida</i>		7	0	0	2	0	9	1.80	2.71	4.09	0.00-5.16	13	0.62
<i>Lembos sp.</i>		0	2	0	3	6	11	2.20	2.23	2.25	0.00-4.96	11	0.75
<i>Brachidontes exustus</i>		2	0	0	2	4	8	1.60	1.50	1.40	0.00-3.45	15	0.55
<i>Caecum pulchellum</i>		36	50	56	191	155	488	97.60	62.94	40.59	19.46-175.74	1	33.47
<i>Carditamera floridana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.07
<i>Chione cancellata</i>		1	3	0	0	1	5	1.00	1.10	1.20	0.00-2.35	22	0.34
<i>Crepidula maculosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.07



Benthic Organisms Collected During Phase II Quarter 2 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Cumingia tellinoides vanhyning</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.07
<i>Elysia</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.07
<i>Eulima jamaicensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.07
<i>Granulina ovuliformis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.07
<i>Marginella aureocincta</i>		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	26	0.27
<i>Meioceras nitida</i>		1	2	3	4	9	19	3.80	2.79	2.04	0.34-7.25	10	1.30
<i>Mitrella lunata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	61	0.07
<i>Nassarius vibex</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	40	0.14
<i>Rissoina catesbyana</i>		2	0	0	63	1	66	13.20	24.91	47.01	0.00-44.12	5	4.53
<i>Tellina versicolor</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	62	0.07
<i>Turbonilla</i> sp. B		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	41	0.14
<i>Circulus suppressus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.07
<i>Echinaster sentus</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	33	0.21
<i>Syngnathus pelagicus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.07

POLYCHAETES

<i>Haploscoloplos foliosus</i>		2	1	1	2	0	6	1.20	0.75	0.47	0.27-2.12	20	0.41
<i>Naineris setosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.07
<i>Scoloplos (Leodamus) rubra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.07
<i>Aricidea</i> n. sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.07
<i>Minuspio cirrifera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.07
<i>Polydora ligni</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	42	0.14
<i>Prionospio heterobranchia</i>		9	6	7	19	0	41	8.20	6.18	4.65	0.53-15.86	7	2.81
<i>Tharyx annulosus</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	34	0.21
<i>Capitellides jonesi</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	35	0.21
<i>Exogone dispar</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	36	0.21
<i>Odontosyllis</i> sp.		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	37	0.21
<i>Platynereis dumerilii</i>		18	4	9	13	0	44	8.80	6.37	4.61	0.89-16.70	6	3.02
<i>Glycera</i> cf. <i>americana</i>		2	1	1	0	1	5	1.00	0.63	0.40	0.21-1.78	23	0.34
<i>Glycinde solitaria</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.07
<i>Aglaophamus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.07
<i>Lumbrineris verrilli</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	38	0.21
<i>Schistomeringos rudolphi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	71	0.07
<i>Pherusa eruca</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	27	0.27
<i>Pectinaria gouldi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	72	0.07
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.07
<i>Branchiomma nigromaculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.07
<i>Chone americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.07
<i>Sabella microphthalma</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.07
<i>Sabella variegata</i>		165	19	34	60	66	344	68.80	51.05	37.88	5.42-132.17	2	23.59
<i>Hydroides dianthus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.07

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		359	122	155	484	338	1458	291.60	135.01	62.51
Number of taxa		34	24	24	40	27	149	29.80	6.27	
Shannon-Weaver H' (log 10)		0.91	0.95	0.93	0.95	0.82	1.05	0.91	0.05	
Dominance (1 - Simpson Index)		0.75	0.80	0.81	0.79	0.74	0.82	0.78	0.02	

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 14 (#58). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Tanaidae sp. C		1	5	4	0	0	10	2.00	2.10	2.20	0.00-4.60	3	9.17
Nemertina		0	7	9	0	0	16	3.20	3.97	4.93	0.00-8.12	1	14.68
Nematoda		0	6	4	1	0	11	2.20	2.40	2.62	0.00-5.17	2	10.09
Calanoida spp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	10	1.83
Harpachoida spp.		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	8	2.75
Mysida sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	19	0.92
<i>Periclimenes longicaudatus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	20	0.92
Pycnogonida spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	21	0.92
Chaetognatha		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	22	0.92
<i>Amphilocheus neopolitanus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	23	0.92
<i>Corophium acherusicum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	24	0.92
<i>Erichthonius brasiliensis</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	9	2.75
<i>Hemiproto wigleyi</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	11	1.83
<i>Paraphoxus floridanus</i>		0	0	1	0	4	5	1.00	1.55	2.40	0.00-2.92	6	4.59
<i>Photis</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	25	0.92
<i>Podocerus brasiliensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	26	0.92
<i>Stenothoe gallensis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	12	1.83
Isopoda spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	27	0.92
<i>Haustorius</i> sp.		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	13	1.83
<i>Linga amiantus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	28	0.92
<i>Olivella floralia</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	29	0.92
<i>Olivella pusilla</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	30	0.92
<i>Strigilla carnaria</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	31	0.92
<i>Tellina versicolor</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	32	0.92

#### POLYCHAETES

<i>Aricidea philbinae</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	14	1.83
<i>Apoprionospio dayi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.92
<i>Prionospio cristata</i>		0	0	0	2	0	2	0.40	0.90	1.60	0.00-1.39	15	1.83
<i>Prionospio fallax</i>		0	6	0	0	1	7	1.40	2.33	3.89	0.00-4.29	4	6.42
<i>Prionospio cf. steenstrupi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.92
<i>Spio pettiboneae</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	16	1.83
<i>Poecilochaetus johnsoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.92
<i>Capitellides giardi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.92
<i>Capitellides jonesi</i>		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	7	3.67
<i>Mediomastus</i> sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	17	1.83
<i>Notomastus hemipodus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.92
<i>Armandia agilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.92
<i>Sthenelais boa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.92
<i>Autolytus</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.92

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 14 (#58)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Syllis gracilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.92
Syllidae (Eusyllidae)		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.92
sp. B													
<i>Nereis (Neanthes) succinea</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	18	1.83
<i>Glycera tessellata</i>		2	4	0	0	0	6	1.20	1.60	2.13	0.00-3.18	5	5.50
<i>Lumbrineris verrilli</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	43	0.92
<i>Loimia medusa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.92
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		11	49	26	10	13	109	21.80	14.77	10.01			
Number of taxa		9	22	11	7	9	58	11.60	5.35				
Shannon-Weaver H' (log 10)		0.93	1.21	0.88	0.82	0.88	1.44	0.94	0.14				
Dominance (1 - Simpson Index)		0.96	0.94	0.85	0.93	0.91	0.95	0.92	0.00				

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 15 (#60). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Erichsonella floridana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	25	0.43
Anthozoa		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	17	0.87
Nemertina		4	1	2	7	0	14	2.80	2.48	2.20	0.00-5.88	4	6.06
Nematoda		0	1	0	8	2	11	2.20	2.99	4.07	0.00-5.91	6	4.76
Calanoida spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	26	0.43
<i>Pagurus macLaughlinae</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	18	0.87
<i>Pagurus</i> sp. indet.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	27	0.43
<i>Erichthonius brasiliensis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	19	0.87
<i>Grandidierella bonnieroides</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	11	1.73
<i>Ampelisca holmesi</i>		0	3	3	4	8	18	3.60	2.58	1.84	0.40-6.79	3	7.79
<i>Hexapanopeus caribbaeus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	28	0.43
<i>Acteocina canaliculata</i>		3	8	1	0	8	20	4.00	3.41	2.90	0.00-8.22	2	8.66
<i>Amygdalum papyrium</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	29	0.43
<i>Caecum pulchellum</i>		0	41	0	13	16	70	14.00	15.01	16.09	0.00-32.63	1	30.30
<i>Lucina pectinata</i>		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	14	1.30
<i>Lyonsia hyalina floridana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	30	0.43
<i>Macoma</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	31	0.43
<i>Nassarius vibex</i>		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	32	0.43
<i>Odostomia</i> sp. E		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.43
<i>Tellina versicolor</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	34	0.43
<i>Turbonilla</i> sp. E		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	35	0.43
<i>Anomalocardia auberiana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.43
POLYCHAETES													
<i>Paraprionospio pinnata</i>		0	2	3	0	0	5	1.00	1.26	1.60	0.00-2.57	10	2.16
<i>Prionospio heterobranchia</i>		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	15	1.30
<i>Pseudopolydora</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.43
<i>Scolelepis (Scolelepis) texana</i>		1	0	1	1	1	4	0.80	0.40	0.20	0.30-1.29	12	1.73
<i>Spio pettiboneae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.43
<i>Poecilochaetus johnsoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.43
<i>Spiochaetopterus costarum</i>		2	1	1	3	1	8	1.60	0.80	0.40	0.61-2.59	7	3.46
<i>Caulleriella alata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.43
<i>Tharyx annulosus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	20	0.87
<i>Capitellides giardi</i>		0	0	0	3	4	7	1.40	1.74	2.17	0.00-3.56	8	3.03
<i>Capitellides jonesi</i>		1	2	1	0	0	4	0.80	0.75	0.70	0.00-1.72	13	1.73
<i>Mediomastus</i> sp.		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	21	0.97

Benthic Organisms Collected During Phase II Quarter 2 at Station No. 15 (#60)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Podarke obscura</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	22	0.87
<i>Streptosyllis pettiboneae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	41	0.43
<i>Glycera abbranchiata</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	16	1.30
<i>Glycinde solitaria</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.43
<i>Diopatra cuprea</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	23	0.87
cf. <i>Mooreonuphis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.90	0.00-0.69	43	0.43
<i>Lumbrineris verrilli</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	24	0.87
<i>Terebella rubra</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	44	0.43
<i>Chone</i> sp.		1	3	7	2	1	14	2.80	2.23	1.77	0.04-5.56	5	6.06
<i>Fabricia sabella</i>		1	2	1	2	1	7	1.40	0.49	0.17	0.79-2.00	9	3.03

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		18	70	35	58	50	231	46.20	18.12	7.10
Number of taxa		11	14	23	21	16	85	17.00	4.43	
Shannon-Weaver H' (log 10)		0.98	0.71	1.26	1.13	0.95	1.24	1.01	0.18	
Dominance (1 - Simpson Index)		0.93	0.64	0.95	0.91	0.85	0.88	0.86	0.00	

5.2.6.3. Quarter 3

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 1 (#3). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Nemertina spp.		0	0	1	4	3	8	1.60	1.62	1.65	0.00-3.61	11	1.95
Nematoda spp.		1	0	1	0	5	7	1.40	1.85	2.46	0.00-3.70	12	1.71
Copepoda sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.24
Myodocopa spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.24
Insecta larvae		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	25	0.49
<i>Cymodoce faxoni</i>		2	1	0	3	0	6	1.20	1.17	1.13	0.00-2.64	13	1.46
<i>Amphilocheus neopolitanus</i>		0	0	0	4	1	5	1.00	1.55	2.40	0.00-2.92	15	1.22
<i>Cymadusa compta</i>		12	5	9	0	23	49	9.80	7.73	6.10	0.20-19.39	3	11.95
<i>Dulichella appendiculata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.24
<i>Elasmopus laevis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	37	0.24
<i>Grandidierella bonnieroides</i>		2	4	3	3	2	14	2.80	0.75	0.20	1.87-3.72	6	3.41
<i>Lysianassa alba</i>		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	17	0.98
<i>Melita nitida</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	20	0.73
<i>Lembos</i> sp. indet.		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	21	0.73
<i>Amygdalum papyrium</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.24
<i>Brachidontes exustus</i>		0	10	1	3	0	14	2.80	3.76	5.06	0.00-7.47	7	3.41
<i>Caecum pulchellum</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	26	0.49
<i>Carditamera floridana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.24
<i>Cerithium muscarum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.24
<i>Chione cancellata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	27	0.49
<i>Codakia orbiculata</i>		1	0	1	0	2	4	0.80	0.75	0.70	0.00-1.72	18	0.98
<i>Crassispira leucocyma</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.24
<i>Crepidula maculosa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	42	0.24
<i>Cylindrobulla beauui</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.24
<i>Haminoea succinea</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	44	0.24
<i>Kurtziella</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.24
<i>Linga amiantus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	46	0.24
<i>Marginella apicina</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	28	0.49
<i>Nassarius albus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	47	0.24
<i>Odostomia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.24
<i>Lucania parva</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.24

POLYCHAETES

<i>Haploscoloplos foliosus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.24
<i>Naineris laevigata</i>		0	2	0	2	1	5	1.00	0.89	0.80	0.00-2.11	16	1.22
<i>Polydora ligni</i>		0	2	1	0	8	11	2.20	2.99	4.07	0.00-5.91	9	2.68
<i>Prionospio heterobranchia</i>		2	5	3	7	1	18	3.60	2.15	1.29	0.93-6.27	5	4.39
<i>Capitella capitata</i>		5	2	19	11	29	66	13.20	9.81	7.28	1.03-25.37	1	16.10

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 1 (#3)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Scyphoproctus platyproctus</i>		13	13	7	12	0	45	9.00	5.02	2.80	2.77-15.23	4	10.98
<i>Arenicola cristata</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	22	0.73
<i>Asychis elongata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.24
<i>Armandia maculata</i>		1	3	0	1	1	6	1.20	0.98	0.80	0.00-2.41	14	1.46
<i>Brania</i> sp. A		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	29	0.49
<i>Ehlersia</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.24
<i>Odontosyllis</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	53	0.24
<i>Syllides bansei</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	23	0.73
<i>Typosyllis</i> sp. A		10	7	7	9	29	62	12.40	8.38	5.66	2.00-22.80	2	15.12
<i>Ceratonereis longicirrata</i>		2	0	0	2	0	4	0.80	0.98	1.20	0.00-2.01	19	0.98
<i>Nereis (Neanthes) acuminata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	54	0.24
<i>Platynereis dumerilii</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	24	0.73
<i>Marphysa sanguinea</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	30	0.49
<i>Nematonereis unicornis</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	31	0.49
<i>Lumbrineris verrilli</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.24
<i>Schistomeringos rudolphi</i>		1	1	1	6	0	9	1.80	2.14	2.53	0.00-4.45	10	2.20
cf. <i>Lanice</i> sp.		2	9	2	0	0	13	2.60	3.32	4.25	0.00-6.72	8	3.17
<i>Terebella rubra</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	32	0.49
<i>Trichobranchus glacialis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.24
<i>Chone</i> sp.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	33	0.49
<i>Sabella variegata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.24
<i>Hydroides dianthus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.24
<i>Spirorbis (Janva) steueri</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.24
<i>Spirorbis</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.24
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		64	83	64	83	116	410	82.00	19.01	4.40			
Number of taxa		23	29	21	26	19	118	23.60	3.56				
Shannon-Weaver H' (log 10)		1.12	1.27	1.05	1.25	0.93	1.33	1.12	0.13				
Dominance (1 - Simpson Index)		0.90	0.94	0.87	0.94	0.83	0.92	0.90	0.03				



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 2 (#16). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Niphates erecta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	120	0.05
Anthozoa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	121	0.05
Turbellaria spp.		2	0	0	1	3	6	1.20	1.17	1.13	0.00-2.64	51	0.29
Nemertina spp.		6	4	23	1	4	38	7.60	7.86	8.14	0.00-17.36	10	1.83
Nematoda spp.		30	1	37	0	15	83	16.60	14.95	13.46	0.00-35.15	4	3.99
Sipuncula spp.		4	0	0	0	4	8	1.60	1.96	2.40	0.00-4.03	35	0.38
Copepoda spp.		16	0	3	3	31	53	10.60	11.60	12.70	0.00-25.00	7	2.55
Myodocopa spp.		2	0	3	5	4	14	2.80	1.72	1.06	0.66-4.93	22	0.67
<i>Podocopa</i> spp.		3	0	4	14	17	38	7.60	6.65	5.82	0.00-15.85	11	1.83
<i>Paranebalia longipes</i>		0	0	0	3	2	5	1.00	1.26	1.60	0.00-2.57	58	0.24
Cumacea sp. O		1	0	1	0	5	7	1.40	1.85	2.46	0.00-3.70	44	0.34
Almyracuma sp. A		2	0	0	1	2	5	1.00	0.89	0.80	0.00-2.11	59	0.24
<i>Cumella agglutinata</i>		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	68	0.19
<i>Cumella</i> cf. <i>caribbeana</i>		2	2	2	0	2	8	1.60	0.80	0.40	0.61-2.59	36	0.38
<i>Cumella</i> cf. <i>coralicola</i>		1	0	0	0	3	4	0.80	1.17	1.70	0.00-2.24	69	0.19
Apseudidae spp.		0	0	0	3	1	4	0.90	1.17	1.70	0.00-2.24	70	0.19
Parapseudidae spp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	98	0.10
Neotanaidae spp.		0	0	0	4	2	6	1.20	1.60	2.13	0.00-3.18	52	0.29
Paratanaidae spp.		41	10	7	82	408548109.60	151.63	209.78	0.00-297.84	1	26.37		
<i>Paguristes</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	99	0.10
<i>invisisacculus</i>													
Insecta larvae		4	0	1	0	6	11	2.20	2.40	2.62	0.00-5.17	26	0.53
Halacarida spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.05
Pycnogonidae spp.		0	3	0	1	1	5	1.00	1.10	1.20	0.00-2.35	60	0.24
Chaetognatha spp.		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	71	0.19
<i>Jaeropsis rathbunae</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	100	0.10
<i>Carpias</i> sp. A		39	0	1	56	59155	31.00	25.82	21.51	0.00-63.05	2	7.46	
<i>Carpias</i> sp. B		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	87	0.14
<i>Antias</i> cf. <i>milleri</i>		0	0	0	1	7	8	1.60	2.73	4.65	0.00-4.98	37	0.38
<i>Paracerceis caudata</i>		0	0	0	3	1	4	0.80	1.17	1.70	0.00-2.24	72	0.19
<i>Apanthura magnifica</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	123	0.05
Paranthuridae sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	124	0.05
<i>Anamixis hanseni</i>		0	0	0	6	4	10	2.00	2.53	3.20	0.00-5.14	28	0.48
Ceradomaera n. sp.		0	0	0	0	8	8	1.60	3.20	6.40	0.00-5.57	38	0.38
? <i>Elasmopus</i> n. sp.		3	0	0	0	12	15	3.00	4.65	7.20	0.00-8.76	21	0.72
<i>Elasmopus laevis</i>		6	2	5	73	33	119	23.80	27.02	30.68	0.00-57.34	3	5.73
<i>Elasmopus rapax</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	125	0.05
<i>Leucothoe spinicarpa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.05
<i>Elasmopus mayo</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	127	0.05
<i>Maera</i> n. sp.		8	0	0	17	11	36	7.20	6.55	5.97	0.00-15.33	13	1.73
Ochlesidae n. g., n. sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	128	0.05
<i>Protohadzia schoenerae</i>		3	0	0	16	19	38	7.60	8.21	8.87	0.00-17.79	12	1.83
<i>Seba tropica</i>		1	0	0	4	0	5	1.00	1.55	2.40	0.00-2.92	61	0.24
<i>Synopia caraibica</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	129	0.05

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Podocerus brasiliensis</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	73	0.19
<i>Metopa</i> sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	130	0.05
<i>Siphonocetes</i> sp. indet.		0	0	0	5	0	5	1.00	2.00	4.00	0.00-3.48	62	0.24
<i>Epialtus</i> sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	131	0.05
<i>Amphipholis januarii</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	132	0.05
<i>Amphiura palmeri</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	133	0.05
<i>Amphiura stimpsoni</i>		1	0	0	3	0	4	0.80	1.17	1.70	0.00-2.24	74	0.19
<i>Ophioderma brevispinum</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	101	0.10
<i>Ophionereis reticulata</i>		8	0	0	5	11	24	4.80	4.35	3.95	0.00-10.20	16	1.15
<i>Ophiostigma isacanthum</i>		4	1	0	1	2	8	1.60	1.36	1.15	0.00-3.28	39	0.38
Ophiuroidea juvenile		9	1	0	1	3	14	2.80	3.25	3.77	0.00-6.83	23	0.67
<i>Abra aequalis</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	102	0.10
<i>Acanthochitona spiculosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	134	0.05
<i>Amphithalamus vallei</i>		0	0	0	10	0	10	2.00	4.00	8.00	0.00-6.96	29	0.48
<i>Arcopsis adamsi</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	103	0.10
<i>Barbatia candida</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	104	0.10
<i>Bulla striata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.05
<i>Caecum plicatum</i>		10	1	0	5	27	43	8.60	9.85	11.28	0.00-20.82	9	2.07
<i>Caecum pulchellum</i>		1	1	0	1	4	7	1.40	1.36	1.31	0.00-3.08	45	0.34
<i>Cantharus multangulus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	136	0.05
<i>Cerithium litteratum</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	88	0.14
<i>Chaetopleura apiculata</i>		0	0	0	1	2	3	0.60	0.90	1.07	0.00-1.59	89	0.14
<i>Cylindrobulla beauui</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	137	0.05
<i>Eulima jamaicensis</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	75	0.19
<i>Galeommatacea</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	138	0.05
<i>Gastropteron</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	139	0.05
<i>Glycymeris pectinata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	140	0.05
<i>Limopsis</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	141	0.05
<i>Marginella lavalleeana</i>		1	0	0	5	1	7	1.40	1.85	2.46	0.00-3.70	46	0.34
<i>Meioceras nitida</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	142	0.05
<i>Modulus modulus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	143	0.05
<i>Musculus lateralis</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	105	0.10
<i>Odostomia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	144	0.05
<i>Odostomia</i> sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	145	0.05
<i>Periglypta listeri</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	146	0.05
<i>Pisania tincta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	147	0.05
<i>Pleuromeris tridentata</i>		1	0	0	0	4	5	1.00	1.55	2.40	0.00-2.92	63	0.24
<i>Scissurella cingulata</i>		0	0	0	4	3	7	1.40	1.74	2.17	0.00-3.56	47	0.34
<i>Trivia quadripunctata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	148	0.05
<i>Vermicularia knorrii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	149	0.05
<i>Holothuria</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	150	0.05

POLYCHAETES

<i>Naineris laevigata</i>		7	3	5	0	8	23	4.60	2.97	1.79	1.04-8.16	17	1.11
<i>Naineris setosa</i>		0	0	0	1	0	1	0.20	0.40	0.90	0.00-0.69	151	0.05
<i>Scoloplos (Leodamus) rubra</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	152	0.05

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Scoloplos (Scoloplos)</i> sp. A		0	0	5	0	2	7	1.40	1.96	2.74	0.00-3.83	48	0.34
<i>Paraonides n. sp.</i>		0	0	8	0	0	8	1.60	3.20	6.40	0.00-5.57	40	0.38
<i>Questa caudicirra</i>		0	0	27	0	0	27	5.40	10.80	21.60	0.00-18.80	14	1.30
<i>Laonice cirrata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	153	0.05
<i>Minuspio cirrifera</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	154	0.05
<i>Minuspio</i> <i>cirrobranchiata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	106	0.10
<i>Prionospio fallax</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	107	0.10
<i>Prionospio cf.</i> <i>steenstrupi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	155	0.05
<i>Chaetopterus</i> <i>variopedatus</i>		47	0	0	0	0	47	9.40	18.80	37.60	0.00-32.73	8	2.26
cf. <i>Tharyx sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	156	0.05
<i>Macrochaeta sp.</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	108	0.10
Capitellidae sp. indet.		9	0	0	0	3	12	2.40	3.50	5.10	0.00-6.74	25	0.58
<i>Dasybranchus lunulatus</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	90	0.14
cf. <i>Decamastus sp.</i>		5	0	0	0	1	6	1.20	1.94	3.13	0.00-3.60	53	0.29
cf. <i>Leiochrus alutaceus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	157	0.05
<i>Notomastus hemipodus</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	109	0.10
<i>Notomastus latericeus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	158	0.05
near <i>Pseudoleiocapitella sp.</i>		13	0	2	0	6	21	4.20	4.92	5.75	0.00-10.30	18	1.01
<i>Scyphoproctus</i> <i>platyproctus</i>		0	0	1	1	2	4	0.80	0.75	0.70	0.00-1.72	76	0.19
<i>Axiothella mucosa</i>		5	0	1	0	0	6	1.20	1.94	3.13	0.00-3.60	54	0.29
near <i>Asclerocheilus sp.</i>		5	0	0	0	2	7	1.40	1.96	2.74	0.00-3.83	49	0.34
<i>Hyboscolex longiseta</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	91	0.14
<i>Eulalia (Eumida)</i> <i>sanguinea</i>		1	0	0	0	5	6	1.20	1.94	3.13	0.00-3.60	55	0.29
<i>Paranaitis capensis</i>		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	159	0.05
<i>Phylodoce (N.) fragilis</i>		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	77	0.19
<i>Lepidonotus variabilis</i>		0	1	0	3	1	5	1.00	1.10	1.20	0.00-2.35	64	0.24
<i>Pholoe minuta</i>		4	0	3	0	2	9	1.80	1.60	1.42	0.00-3.78	32	0.43
<i>Chrysopetalum caecum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	160	0.05
<i>Chrysopetalum</i> <i>occidentale</i>		1	0	0	0	3	4	0.80	1.17	1.70	0.00-2.24	78	0.19
Chrysopetalidae undet. sp. A		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	110	0.10
<i>Hesione picta</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	111	0.10
<i>Podarke obscura</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	92	0.14
<i>Branchiosyllis oculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	161	0.05
<i>Brania sp. A</i>		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	93	0.14
<i>Ehlersia sp. A</i>		7	0	1	1	1	10	2.00	2.53	3.20	0.00-5.14	30	0.48
cf. <i>Eusyllis sp. B</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	162	0.05
<i>Exogone arenosa</i>		40	5	7	0	18	70	14.00	14.27	14.54	0.00-31.71	5	3.37
<i>Exogone atlantica</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	79	0.19
<i>Exogone dispar</i>		3	0	0	0	2	5	1.00	1.26	1.60	0.00-2.57	65	0.24
<i>Exogone verugera</i>		9	0	0	0	0	9	1.80	3.60	7.20	0.00-6.26	33	0.43

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Haplosyllis spongicola</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	112	0.10
<i>Odontosyllis</i> sp. A		4	0	0	5	1	10	2.00	2.10	2.20	0.00-4.60	31	0.48
cf. <i>Opistodonta</i> sp.		4	0	0	1	0	5	1.00	1.55	2.40	0.00-2.92	66	0.24
<i>Parasphaerosyllis</i> cf. <i>indica</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	163	0.05
cf. <i>Pionosyllis gesae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	164	0.05
<i>Pionosyllis</i> cf. <i>uraga</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	165	0.05
<i>Pionosyllis</i> <i>quadrioculata</i>		3	0	0	0	5	8	1.60	2.06	2.65	0.00-4.15	41	0.38
<i>Pseudosyllides</i> <i>curacaoensis</i>		2	0	0	2	0	4	0.80	0.98	1.20	0.00-2.01	80	0.19
<i>Sphaerosyllis</i> spp.		31	1	10	2	21	65	13.00	11.51	10.18	0.00-27.28	6	3.13
<i>Syllides floridanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	166	0.05
<i>Typosyllis alternata</i>		7	0	0	0	2	9	1.80	2.71	4.09	0.00-5.16	34	0.43
<i>Typosyllis</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	167	0.05
<i>Typosyllis</i> sp. D		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	168	0.05
<i>Typosyllis</i> sp. E		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	81	0.19
<i>Typosyllis</i> sp. F		9	0	0	1	1	11	2.20	3.43	5.35	0.00-6.45	27	0.53
<i>Typosyllis</i> sp. J		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	113	0.10
<i>Typosyllis</i> sp. L		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	169	0.05
<i>Typosyllis</i> sp. N		1	1	4	0	0	6	1.20	1.47	1.80	0.00-3.02	56	0.29
<i>Typosyllis</i> sp. P		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	170	0.05
<i>Typosyllis</i> sp. Q		0	0	3	0	1	4	0.80	1.17	1.70	0.00-2.24	82	0.19
<i>Typosyllis</i> sp. W		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	83	0.19
Syllidae (Eusyllinae) sp. B		7	0	0	1	0	8	1.60	2.73	4.65	0.00-4.98	42	0.38
Syllidae (Eusyllinae) sp. C		2	2	0	0	3	7	1.40	1.20	1.03	0.00-2.88	50	0.34
<i>Ceratonereis</i> <i>longicirrata</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	94	0.14
<i>Micronereis</i> n. sp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	114	0.10
<i>Nereis</i> ( <i>Nereis</i> ) sp.		8	1	0	0	4	13	2.60	3.07	3.63	0.00-6.41	24	0.63
<i>Eurythoe complanata</i>		2	0	0	9	6	17	3.40	3.56	3.72	0.00-7.81	20	0.82
<i>Linopherus canariensis</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	115	0.10
<i>Mooreonuphis</i> sp.		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	95	0.14
<i>Eunice antennata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	171	0.05
<i>Eunice vittatopsis</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	96	0.14
<i>Marphysa sanguinea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	172	0.05
<i>Nematonereis unicornis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	116	0.10
<i>Lumbrineris latreilli</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	97	0.14
<i>Lumbrineris</i> cf. <i>parvipedata</i>		0	0	0	1	5	6	1.20	1.94	3.13	0.00-3.60	57	0.29
<i>Lumbrineris verrilli</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	117	0.10
<i>Arabella</i> ( <i>Cenothrix</i> ) <i>maculosa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	173	0.05
<i>Dorvillea rubra</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	118	0.10
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	84	0.19
<i>Pherusa inflata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	174	0.05

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
cf. Ampharetidae sp. undet.		1	0	0	0	0	1	0.20	0.40	0.90	0.00-0.69	175	0.05
cf. <i>Amaeana accraensis</i>		27	0	0	0	0	27	5.40	10.80	21.60	0.00-18.80	15	1.30
cf. <i>Lanice</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	176	0.05
<i>Polycirrus eximius</i>		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	85	0.19
<i>Polycirrus</i> sp.		0	1	0	9	10	20	4.00	4.52	5.10	0.00-9.60	19	0.96
Terebellidae sp. undet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	177	0.05
<i>Terebellides stroemi</i>		0	1	0	0	3	4	0.80	1.17	1.70	0.00-2.24	86	0.19
<i>Trichobranchus glacialis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	178	0.05
<i>Branchiomma nigromaculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	179	0.05
<i>Chone americana</i>		0	0	2	0	3	5	1.00	1.26	1.60	0.00-2.57	67	0.24
<i>Fabricia sabella</i>		3	0	1	0	4	8	1.60	1.62	1.65	0.00-3.61	43	0.38
Sabellidae undet. sp. B		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	180	0.05
Sabellidae undet. sp. D		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	181	0.05
<i>Membranopsis inconspicua</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	119	0.10
<i>Pomatostegus stellatus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	182	0.05
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		543	50	187	415	883	2078	415.60	290.04	202.41			
Number of taxa		95	27	39	79	91	331	66.20	27.97				
Shannon-Weaver H' (log 10)		1.65	1.29	1.28	1.36	1.18	1.58	1.35	0.16				
Dominance (1 - Simpson Index)		0.96	0.94	0.92	0.91	0.78	0.91	0.90	0.06				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 3 (#22). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	33	0.30
<i>Turbellaria</i> spp.		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	34	0.30
<i>Nemertina</i> spp.		0	15	0	0	0	15	3.00	6.00	12.00	0.00-10.44	6	4.53
<i>Nematoda</i> spp.		0	0	3	0	2	5	1.00	1.26	1.60	0.00-2.57	12	1.51
<i>Myodocopa</i> spp.		0	0	5	0	0	5	1.00	2.00	4.00	0.00-3.48	13	1.51
<i>Podocopa</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	35	0.30
<i>Cyclaspis varians</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	18	0.91
<i>Vaunthompsonia minor</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	22	0.60
<i>Nannastacidae</i> sp. 2		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.30
<i>Oxyurostylis smithi</i>		0	5	0	1	0	6	1.20	1.94	3.13	0.00-3.60	11	1.81
<i>Ampelisca abdita</i>		0	5	2	0	1	8	1.60	1.85	2.15	0.00-3.90	9	2.42
<i>Batea catharinensis</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	23	0.60
<i>Lembos dentischium</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	24	0.60
<i>Acuminodeutopus naglei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.30
<i>Synchelidium americanum</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	25	0.60
<i>Lembos</i> sp. indet.		2	2	0	1	0	5	1.00	0.89	0.80	0.00-2.11	14	1.51
<i>Tethygenia longleyi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.30
<i>Ophiophragmus filigraneus</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	26	0.60
<i>Ophiostigma isacanthum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.30
<i>Acteocina canaliculata</i>		1	4	1	2	10	18	3.60	3.38	3.18	0.00-7.79	4	5.44
<i>Anomalocardia auberiana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	40	0.30
<i>Caecum plicatum</i>		1	3	0	0	3	7	1.40	1.36	1.31	0.00-3.08	10	2.11
<i>Chione cancellata</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	19	0.91
<i>Cumingia tellinoides</i>		1	2	4	10	1	18	3.60	3.38	3.18	0.00-7.79	5	5.44
<i>Elysia</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.30
<i>Haminoea succinea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	42	0.30
<i>Laevicardium mortoni</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	27	0.60
<i>Olivella pusilla</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	43	0.30
<i>Parvilucina multilineata</i>		29	1	22	17	26	95	19.00	9.86	5.12	6.76-31.23	1	28.70
<i>Tellina versicolor</i>		2	4	1	1	4	12	2.40	1.36	0.77	0.72-4.08	7	3.63

#### POLYCHAETES

<i>Haploscoloplos foliosus</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	28	0.60
<i>Aricidea philbinae</i>		0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	17	1.21
<i>Paraonides</i> n. sp.		3	6	0	2	0	11	2.20	2.23	2.25	0.00-4.96	8	3.32
<i>Paraprionospio pinnata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	44	0.30
<i>Prionospio cristata</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	20	0.91
<i>Prionospio heterobranchia</i>		1	3	1	0	0	5	1.00	1.10	1.20	0.00-2.35	15	1.51

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 3 (#22)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Pseudopolydora cf. pulchra</i>		0	0	0	5	0	5	1.00	2.00	4.00	0.00-3.48	16	1.51
<i>Scolecipis (Scolecipis) texana</i>		4	15	0	5	1	25	5.00	5.33	5.68	0.00-11.61	2	7.55
<i>Spio pettiboneae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	45	0.30
<i>Spiochaetopterus costarum</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	29	0.60
<i>Caulleriella alata</i>		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	21	0.91
<i>Chaetozone setosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.30
<i>Capitellides giardi</i>		1	16	0	0	7	24	4.80	6.18	7.95	0.00-12.46	3	7.25
<i>Dasybranchetus fauveli</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.30
<i>cf. Decamastus sp.</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	30	0.60
<i>Axiothella mucosa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	48	0.30
<i>Eulalia (Eumida) sanguinea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.30
Polynoidae undet. sp. D		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.30
<i>Grubeulepis cf. sulcatisetis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.30
<i>Sthenelais boa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.30
<i>Podarke obscura</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.30
<i>Ehlersia sp. A</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.30
<i>Exogone arenosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.30
<i>Glycera abbranchiata</i>		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	56	0.30
<i>Glycinde solitaria</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	31	0.60
<i>Inermonephthys inermis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.30
<i>Diopatra cuprea</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.30
<i>Lumbrineris cf. albidentata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.30
<i>Lumbrineris ernesti</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	60	0.30
<i>Lumbrineris latreilli</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	32	0.60
<i>Lumbrineris verrilli</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.30

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		53	87	73	54	64	331	66.20	12.70	2.44
Number of taxa		18	17	33	18	17	103	20.60	6.22	
Shannon-Weaver H' (log 10)		0.83	1.06	1.27	1.00	0.90	1.33	1.01	0.15	
Dominance (1 - Simpson Index)		0.70	0.90	0.90	0.86	0.80	0.90	0.83	0.01	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 4 (#23). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Nemertina spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	30	0.83
Nematoda spp.		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	7	2.50
Sipuncula spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	31	0.83
Copepoda spp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	12	1.67
Myodocopa spp.		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	8	2.50
<i>Cumella</i> cf. <i>coralicola</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	32	0.83
Apseudidae spp.		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	9	2.50
Parapseudidae spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	33	0.83
Paratanaidae spp.		0	0	3	4	0	7	1.40	1.74	2.17	0.00-3.56	1	5.83
Tanaidae spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.83
Anthuridae sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.83
<i>Ampelisca abdita</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	13	1.67
<i>Lembos dentischium</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	36	0.83
<i>Lysianassa alba</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.83
<i>Lembos</i> sp. indet.		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	3	3.33
<i>Rhepoxynius</i> sp. indet.		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	14	1.67
<i>Amphioplus abdita</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	15	1.67
<i>Ophiostigma isacanthum</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	16	1.67
<i>Anadara notabilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.83
<i>Caecum plicatum</i>		1	3	0	0	0	4	0.80	1.17	1.70	0.00-2.24	4	3.33
<i>Crassispira leucocyma</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	17	1.67
<i>Dentalium antillarum</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	18	1.67
<i>Diodora listeri</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.83
<i>Ischnochiton papillosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	40	0.83
<i>Laevicardium mortoni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.83
<i>Linga amiantus</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	19	1.67
<i>Meioceras nitida</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	42	0.83
<i>Modiolus modiolus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.83
<i>Musculus lateralis</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	20	1.67
<i>Parvilucina multilineata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	21	1.67
<i>Pitar simpsoni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.83
<i>Tellina versicolor</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	10	2.50
<i>Trachycardium muricatum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	45	0.83
<i>Turbo castanea</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.83
<i>Turbonilla</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.83
<i>Vermicularia spirata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	22	1.67
POLYCHAETES													
<i>Naineris laevigata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.83
<i>Scoloplos (Leodamus) rubra</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	49	0.83
<i>Aricidea fragilis</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	23	1.67
<i>Aricidea</i> n. sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.83



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Cirrophorus</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.83
<i>Minuspio cirrifera</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.83
<i>Prionospio cristata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.83
<i>Prionospio</i> cf. <i>steenstrupi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.83
cf. <i>Prionospio</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	55	0.83
<i>Scolelepis (Scolelepis)</i> <i>texana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.83
<i>Capitellides giardi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.83
<i>Dasybranchus lunulatus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.83
cf. <i>Decamastus</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.83
<i>Notomastus hemipodus</i>		1	2	0	3	0	6	1.20	1.17	1.13	0.00-2.64	2	5.00
<i>Scyphoproctus</i> <i>platyproctus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.83
<i>Praxillella</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.83
<i>Bhawania goodei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.83
<i>Sphaerosyllis</i> spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.83
<i>Glycera abbranchiata</i>		1	3	0	0	0	4	0.80	1.17	1.70	0.00-2.24	5	3.33
<i>Inermonephthys inermis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	24	1.67
<i>Eunice antennata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.83
<i>Eunice vittatopsis</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	25	1.67
<i>Lumbrineris ernesti</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	26	1.67
<i>Lumbrineris latreilli</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.83
<i>Lumbrineris verrilli</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	11	2.50
<i>Arabella (Cenothrix)</i> <i>maculosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.83
<i>Schistomeringos</i> cf. <i>pectinata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	67	0.83
<i>Galathowenia africana</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	27	1.67
<i>Piromis eruca</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	68	0.83
cf. <i>Amaeana accraensis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	28	1.67
<i>Terebellides stroemi</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	6	3.33
Sabellidae juveniles		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	29	1.67
<i>Hydroides parvus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	69	0.83
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		33	32	10	32	13	120	24.00	10.26	4.38			
Number of taxa		25	26	8	22	12	93	18.60	7.26				
Shannon-Weaver H' (log 10)		1.35	1.38	0.86	1.28	1.07	1.76	1.19	0.20				
Dominance (1 - Simpson Index)		0.98	0.98	0.93	0.97	0.99	0.99	0.97	0.01				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 5 (#29). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Chondrilla nucula</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	49	0.27
<i>Turbellaria</i> sp.		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	22	1.08
<i>Nemertina</i> spp.		5	0	0	0	4	9	1.80	2.23	2.76	0.00-4.56	12	2.43
<i>Nematoda</i> spp.		5	0	1	0	3	9	1.80	1.94	2.09	0.00-4.20	13	2.43
<i>Copepoda</i> spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.27
<i>Myodocopa</i> spp.		1	1	2	1	1	6	1.20	0.40	0.13	0.70-1.69	18	1.62
<i>Iphione</i> sp. A		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	35	0.54
<i>Vaunthompsonia minor</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	36	0.54
<i>Apseudidae</i> spp.		0	0	6	1	0	7	1.40	2.33	3.89	0.00-4.29	17	1.89
<i>Neotanaidae</i> spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.27
<i>Paratanaidae</i> spp.		8	2	0	1	3	14	2.80	2.79	2.77	0.00-6.25	6	3.78
<i>Alpheus</i> sp. indet.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	37	0.54
<i>Hippolyte</i> juvenile		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	52	0.27
<i>Paracerceis caudata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	38	0.54
<i>Ampelisca vadorum</i>		7	3	0	0	7	17	3.40	3.14	2.89	0.00-7.29	5	4.59
<i>Batea catharinensis</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	26	0.81
<i>Cerapus</i> n. sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.27
<i>Cymadusa filosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.27
<i>Lembos unicornis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.27
<i>Lysianassa alba</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	39	0.54
<i>Microdeutopus myersi</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	27	0.81
<i>Photis pugnator</i>		1	4	1	2	0	8	1.60	1.36	1.15	0.00-3.28	15	2.16
<i>Acuminodeutopus naglei</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	40	0.54
<i>Synchelidium americanum</i>		3	2	0	4	1	10	2.00	1.41	1.00	0.24-3.75	11	2.70
<i>Lembos</i> sp. indet.		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	23	1.08
<i>Microproto wigleyi</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	41	0.54
<i>Caprella peutaotis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.27
<i>Amphiodia pulchella</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	28	0.81
<i>Ophiactis savignyi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.27
<i>Alvania auberiana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.27
<i>Anadara notabilis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.27
<i>Caecum pulchellum</i>		11	11	0	6	2	30	6.00	4.52	3.40	0.39-11.60	1	8.11
<i>Cardiomya gemma</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	60	0.27
<i>Elysia</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	61	0.27
<i>Linga amiantus</i>		5	0	1	0	2	8	1.60	1.85	2.15	0.00-3.90	16	2.16
<i>Marginella lavalleeana</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.27
<i>Modulus modulus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.27
<i>Nucula proxima</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	29	0.81
<i>Odostomia</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	64	0.27
<i>Olivella perplexa</i>		1	0	0	0	0	1	0.20	0.40	0.90	0.00-0.69	65	0.27
<i>Parvilucina multilineata</i>		8	0	0	2	2	12	2.40	2.94	3.60	0.00-6.04	8	3.24

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
POLYCHAETES													
<i>Haploscoloplos foliosus</i>	2	1	0	1	2	6	1.20	0.75	0.47	0.27-2.12	19	1.62	
<i>Scoloplos (Leodamus) rubra</i>	1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	42	0.54	
<i>Aricidea fragilis</i>	16	3	3	2	1	25	5.00	5.55	6.16	0.00-11.88	2	6.76	
<i>Aricidea philbinae</i>	0	1	2	1	2	6	1.20	0.75	0.47	0.27-2.12	20	1.62	
<i>Aricidea n. sp. A</i>	6	5	1	4	3	19	3.80	1.72	0.78	1.66-5.93	4	5.14	
<i>Cirrophorus sp.</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.27	
<i>Paraonides n. sp.</i>	5	0	3	1	4	13	2.60	1.85	1.32	0.30-4.90	7	3.51	
<i>Minuspio cirrifera</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.27	
<i>Minuspio cirrobranchiata</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.27	
<i>Prionospio cristata</i>	4	2	1	3	2	12	2.40	1.02	0.43	1.13-3.66	9	3.24	
<i>Caulleriella alata</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.27	
cf. <i>Caulleriella killariensis</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	70	0.27	
<i>Chaetozone setosa</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.27	
cf. <i>Tharyx sp.</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	43	0.54	
cf. <i>Anotomastus cf. gordiodes</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.27	
<i>Capitellides jonesi</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	44	0.54	
<i>Mediomastus sp.</i>	1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	45	0.54	
<i>Notomastus hemipodus</i>	1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	30	0.81	
<i>Axiothella mucosa</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.27	
<i>Euclymene coronata</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	74	0.27	
<i>Hyboscolex longiseta</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	75	0.27	
<i>Phyllodoce (N.) fragilis</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.27	
<i>Gruboulepis cf. sulcatisetis</i>	0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	24	1.08	
<i>Bhawania goodei</i>	0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	46	0.54	
<i>Gyptis brevipalpa</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	77	0.27	
<i>Ehlersia sp. A</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	78	0.27	
<i>Exogone dispar</i>	1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	31	0.81	
<i>Odontosyllis sp. A</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.27	
<i>Sphaerosyllis spp.</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.27	
<i>Ceratonereis longicirrata</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	81	0.27	
<i>Platynereis dumerilii</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.27	
<i>Glycera abbranchiata</i>	0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	47	0.54	
<i>Glycera cf. americana</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	83	0.27	
<i>Glycinde solitaria</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.27	
<i>Eunice vittatopsis</i>	0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	25	1.08	
<i>Lumbrineris cf. albidentata</i>	0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	32	0.81	
<i>Lumbrineris latreilli</i>	0	1	1	1	2	5	1.00	0.63	0.40	0.21-1.78	21	1.35	
<i>Lumbrineris verrilli</i>	10	4	1	1	6	22	4.40	3.38	2.60	0.20-8.59	3	5.95	
<i>Pettiboneia n. sp.</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.27	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 5 (#29)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Schistomeringos</i> cf. <i>pectinata</i>		1	3	1	0	4	9	1.00	1.47	1.20	0.00-3.62	14	2.43
<i>Owenia fusiformis</i>		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	33	0.81
<i>Pherusa ehlersi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.27
<i>Piromis eruca</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.27
<i>Sabellaria vulgaris</i>		0	0	0	9	3	12	2.40	3.50	5.10	0.00-6.74	10	3.24
<i>Melinna maculata</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	34	0.81
cf. <i>Lainicides</i> sp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	48	0.54
<i>Polycirrus eximius</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.27

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		123	71	34	69	73	370	74.00	28.41	10.91
Number of taxa		36	35	22	38	36	167	33.40	5.78	
Shannon-Weaver H' (log 10)		1.37	1.42	1.26	1.46	1.47	1.68	1.40	0.08	
Dominance (1 - Simpson Index)		0.95	0.96	0.96	0.97	0.97	0.97	0.96	0.00	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 6 (#35). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Dysidea etheria</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	73	0.07
<i>Dysidea</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	74	0.07
Anthozoa spp.		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	49	0.20
Turbellaria spp.		0	1	2	3	7	13	2.60	2.42	2.25	0.00-5.60	23	0.86
Nemertina spp.		13	3	0	1	0	17	3.40	4.92	7.13	0.00-9.51	18	1.13
Nematoda spp.		11	1	0	1	8	21	4.20	4.45	4.70	0.00-9.71	15	1.39
Sipuncula sp.		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	56	0.13
Copepoda spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	75	0.07
Myodocopa spp.		3	5	1	7	5	21	4.20	2.04	0.99	1.67-6.73	16	1.39
Podocopa spp.		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	57	0.13
Neotanaidae spp.		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	50	0.20
Paratanaidae spp.		11	5	2	4	18	40	8.00	5.83	4.25	0.76-15.23	8	2.66
<i>Thor</i> sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	76	0.07
<i>Pagurus maclaughlinae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.07
<i>Pagurus stimpsoni</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.07
<i>Pycnogonida</i> spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.07
<i>Carpis</i> sp. A		74	17	24	35	74	224	44.80	24.52	13.42	14.36-75.24	2	14.87
<i>Paracerceis caudata</i>		2	2	5	0	2	11	2.20	1.60	1.16	0.21-4.18	29	0.73
<i>Xenanthura brevitelson</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.07
<i>Ampelisca abdita</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	58	0.13
<i>Ampelisca vadorum</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	59	0.13
<i>Amphilocheus neopolitanus</i>		0	4	4	4	4	16	3.20	1.60	0.80	1.21-5.18	21	1.06
<i>Anamixis hanseni</i>		0	0	0	6	0	6	1.20	2.40	4.80	0.00-4.17	35	0.40
<i>Cerapus</i> n. sp.		2	5	3	6	4	20	4.00	1.41	0.50	2.24-5.75	17	1.33
<i>Chevalia aviculae</i>		1	10	3	12	4	30	6.00	4.24	3.00	0.73-11.26	10	1.99
<i>Cymadusa compta</i>		7	5	2	4	5	23	4.60	1.62	0.57	2.54-6.61	13	1.53
<i>Cymadusa filosa</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	60	0.13
<i>Dulichella appendiculata</i>		4	6	4	3	30	47	9.40	10.35	11.39	0.00-22.24	7	3.12
<i>Elasmopus laevis</i>		18	0	4	11	25	58	11.60	9.09	7.12	0.31-22.88	5	3.85
<i>Erichthonius brasiliensis</i>		2	5	4	6	21	38	7.60	6.83	6.14	0.00-16.07	9	2.52
<i>Lembos unicornis</i>		6	13	28	16	35	98	19.60	10.48	5.60	6.59-32.61	4	6.51
<i>Leucothoe spinicarpa</i>		0	0	1	8	4	13	2.60	3.07	3.63	0.00-6.41	24	0.86
<i>Listriella barnardi</i>		7	3	6	4	2	22	4.40	1.85	0.78	2.10-6.70	14	1.46
<i>Lysianassa alba</i>		3	6	3	7	11	30	6.00	2.97	1.47	2.32-9.68	11	1.99
<i>Photis pugnator</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	61	0.13
<i>Acuminodeutopus naglei</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	51	0.20
<i>Corophium tuberculatum</i>		0	0	3	0	6	9	1.80	2.40	3.20	0.00-4.77	33	0.60
<i>Lembos</i> sp. indet.		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	44	0.27
<i>Rhepoxynius</i> sp. indet.		4	16	7	14	9	50	10.00	4.43	1.96	4.50-15.49	6	3.32
<i>Tethygenia longleyi</i>		0	9	5	5	7	26	5.20	2.99	1.72	1.48-8.91	12	1.73

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Microproto wigleyi</i>		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	40	0.33
<i>Caprella peutatis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.07
<i>Panopeus cf. occidentalis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	82	0.07
<i>Pitho anisodon</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.07
<i>Amphiodia pulchella</i>		3	1	2	0	0	6	1.20	1.17	1.13	0.00-2.64	36	0.40
<i>Anomia simplex</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	62	0.13
<i>Caecum pulchellum</i>		116	10	22	32	48	228	45.60	37.34	30.58	0.00-91.95	1	15.14
<i>Carditamera floridana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	84	0.07
<i>Chione cancellata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.07
<i>Crepidula maculosa</i>		1	0	1	0	2	4	0.80	0.75	0.70	0.00-1.72	45	0.27
<i>Cumingia tellinoides</i>		2	0	0	0	4	6	1.20	1.60	2.13	0.00-3.18	37	0.40
<i>Elysia sp. A</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	86	0.07
<i>Ischnochiton papillosus</i>		1	0	3	2	3	9	1.80	1.17	0.76	0.35-3.24	34	0.60
<i>Lima pellucida</i>		2	0	2	5	1	10	2.00	1.67	1.40	0.00-4.07	32	0.66
<i>Marginella apicina</i>		1	0	1	3	0	5	1.00	1.10	1.20	0.00-2.35	41	0.33
<i>Meioceras nitida</i>		59	9	12	46	24	150	30.00	19.48	12.65	5.81-54.18	3	9.96
<i>Modulus modulus</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	63	0.13
<i>Odostomia sp. A</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.07
<i>Parvilucina multilineata</i>		1	0	2	2	8	13	2.60	2.80	3.02	0.00-6.07	25	0.86
<i>Persicula catenata</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	46	0.27
<i>Pinctada imbricata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	88	0.07
<i>Rissoina cancellata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.07
<i>Rissoina catesbyana</i>		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	47	0.27
<i>Solemya occidentalis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.07
<i>Tellina versicolor</i>		5	3	0	2	3	13	2.60	1.62	1.02	0.58-4.61	26	0.86
<i>Tricolia affinis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.07
<i>Turbonilla sp. D</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.07
<i>Vermicularia knorrii</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	64	0.13
<i>Vermicularia spirata</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	52	0.20
Holothuroidea sp. C		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	93	0.07

POLYCHAETES

<i>Haploscoloplos foliosus</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	53	0.20
<i>Naineris setosa</i>		0	0	2	1	2	5	1.00	0.89	0.80	0.00-2.11	42	0.33
<i>Aricidea philbinae</i>		4	0	2	2	3	11	2.20	1.33	0.80	0.55-3.84	30	0.73
<i>Aricidea sp. C</i>		2	0	0	2	8	12	2.40	2.94	3.60	0.00-6.04	27	0.80
<i>Paraonides n. sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	94	0.07
<i>Minuspio cirrifera</i>		0	0	2	3	0	5	1.00	1.26	1.60	0.00-2.57	43	0.33
<i>Prionospio cristata</i>		2	2	3	5	2	14	2.80	1.17	0.49	1.35-4.24	22	0.93
<i>Prionospio heterobranchia</i>		10	1	1	1	4	17	3.40	3.50	3.60	0.00-7.74	19	1.13
cf. <i>Caulleriella killariensis</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	65	0.13
<i>Cirriformia filigera</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	66	0.13
<i>Capitellides jonesi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.07
<i>Mediomastus sp.</i>		5	0	0	4	2	11	2.20	2.04	1.89	0.00-4.73	31	0.73

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Scyphoproctus platyproctus</i>		0	2	0	6	4	12	2.40	2.33	2.27	0.00-5.29	28	0.90
<i>Asychis elongata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.01-1.00	67	0.13
<i>Armandia maculata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	96	0.07
<i>Harmothoe aculeata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	97	0.07
<i>Bhawania goodei</i>		0	0	0	1	0	1	0.20	0.40	0.90	0.00-0.69	98	0.07
<i>Gyptis brevipalpa</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	68	0.13
<i>Brania sp. A</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.07
<i>Exogone arenosa</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	69	0.13
<i>Sphaerosyllis spp.</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	54	0.20
<i>Ceratonereis irritabilis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.07
<i>Platynereis dumerilii</i>		0	1	1	1	1	4	0.80	0.40	0.20	0.30-1.29	48	0.27
<i>Glycera abbranchiata</i>		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	55	0.20
<i>Diopatra cuprea</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	70	0.13
<i>Marphysa sanguinea</i>		0	0	1	0	0	1	0.21	0.40	0.80	0.00-0.69	101	0.07
<i>Nematonereis unicornis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	102	0.07
<i>Lumbrineris latreilli</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	71	0.13
<i>Lumbrineris verrilli</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	72	0.13
<i>Schistomeringos cf. pectinata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.07
<i>Owenia fusiformis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.07
<i>Pherusa inflata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	105	0.07
<i>Piromis eruca</i>		1	0	4	5	7	17	3.40	2.58	1.95	0.20-6.59	20	1.13
<i>Sabellaria vulgaris</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.07
<i>Melinna maculata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.07
<i>Polycirrus eximius</i>		4	0	0	0	2	6	1.20	1.60	2.13	0.00-3.18	38	0.40
<i>Terebellides stroemi</i>		0	0	0	1	5	6	1.20	1.94	3.13	0.00-3.60	39	0.40
<i>Branchiomma nigromaculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	108	0.07
<i>Fabricia sabella</i>		0	0	0	0	1	1	0.20	0.40	0.90	0.00-0.69	109	0.07
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		417	160	184	297	448	1506	301.20	117.18	45.58			
Number of taxa		57	35	46	53	62	253	50.60	9.39				
Shannon-Weaver H' (log 10)		1.19	1.38	1.39	1.42	1.44	1.48	1.36	0.09				
Dominance (1 - Simpson Index)		0.87	0.95	0.9	0.94	0.94	0.93	0.93	0.01				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 7 (#39). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Turbellaria</i> spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	28	0.33
<i>Nemertina</i> spp.		1	0	1	0	3	5	1.00	1.10	1.20	0.00-2.35	10	1.67
<i>Nematoda</i> spp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	16	0.67
<i>Copepoda</i> spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	29	0.33
<i>Myodocopa</i> spp.		5	27	13	2	0	47	9.40	9.85	10.32	0.00-21.62	2	15.72
<i>Mysidopsis</i> cf. <i>furca</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	12	1.00
<i>Kalliapseudes</i> n. sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	30	0.33
<i>Listriella</i> <i>barnardi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	31	0.33
<i>Monoculodes</i> <i>nyei</i>		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	13	1.00
<i>Microproto</i> <i>wigleyi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	32	0.33
<i>Pinnixa</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.33
<i>Amphipholis</i> <i>januarii</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	17	0.67
<i>Ophiocnida</i> <i>scabriuscula</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	18	0.67
<i>Ophionepthys</i> <i>limicola</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	19	0.67
<i>Abra</i> <i>aequalis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.33
<i>Acteon</i> <i>punctostriatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.33
<i>Corbula</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.33
<i>Diplodonta</i> <i>punctata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.33
<i>Linga</i> <i>amiantus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.33
<i>Macoma</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.33
<i>Nucula</i> <i>proxima</i>		9	3	0	0	3	15	3.00	3.29	3.60	0.00-7.07	5	5.02
<i>Olivella</i> <i>perplexa</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	11	1.34
<i>Parvilucina</i> <i>multilineata</i>		3	3	0	0	0	6	1.20	1.47	1.80	0.00-3.02	8	2.01
<i>Tellina</i> <i>martinicensis</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	20	0.67
<i>Tellina</i> <i>versicolor</i>		3	3	0	0	5	1-12.20	1.94	1.71	1.71	0.00-4.60	7	3.68
<i>Myrophis</i> <i>punctatus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	21	0.67

POLYCHAETES

<i>Scoloplos</i> ( <i>Leodamus</i> ) <i>rubra</i>		1	3	2	0	0	6	1.20	1.17	1.13	0.00-2.64	9	2.01
<i>Scoloplos</i> ( <i>Scoloplos</i> ) <i>texana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	40	0.33
<i>Aricidea</i> <i>philbinae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.33
<i>Cirrophorus</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	42	0.33
<i>Paraonides</i> n. sp.		4	0	8	2	0	14	2.80	2.99	3.20	0.00-6.51	6	4.68
<i>Minuspio</i> <i>cirrifera</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	22	0.67
<i>Prionospio</i> <i>cristata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	23	0.67
<i>Prionospio</i> <i>heterobranchia</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	43	0.33
<i>Pseudopolydora</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.33
<i>Poecilochaetus</i> <i>johnsoni</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	24	0.67
<i>Spiochaetopterus</i> <i>costarum</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	25	0.67



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 7 (#39)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Capitellides giardi</i>		0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.33	
<i>Notomastus hemipodus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.33
<i>Notomastus latericeus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.33
<i>Asychis elongata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.33
<i>Axiothella mucosa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.33
<i>Praxillella</i> sp.	28	26	10	4	9	77	15.40	9.71	6.12	3.35-27.45	1	25.75	
<i>Phyllodoce (N.) fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.33
<i>Gruboulepis</i> cf. <i>sulcatisetis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.33
<i>Gyptis brevipalpa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.33
<i>Sphaerosyllis</i> spp.		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	14	1.00
<i>Glycinde solitaria</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	15	1.00
<i>Lumbrineris</i> cf. <i>albidentata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.33
<i>Lumbrineris ernesti</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	54	0.33
<i>Lumbrineris verrilli</i>		8	6	4	1	4	23	4.60	2.33	1.18	1.70-7.49	4	7.69
<i>Schistomeringos</i> <i>rudolphi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.33
<i>Galathowenia africana</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	26	0.67
cf. <i>Amaeana accraensis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.33
<i>Pista cristata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.33
<i>Terebellides stroemi</i>		4	8	6	4	3	25	5.00	1.79	0.64	2.78-7.22	3	8.36
<i>Fabricia sabella</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	27	0.67
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		91	94	56	26	32	299	59.80	28.54	13.62			
Number of taxa		30	20	17	16	10	93	18.60	6.56				
Shannon-Weaver H' (log 10)		1.18	0.96	1.02	1.14	0.90	1.26	1.04	0.10				
Dominance (1 - Simpson Index)		0.88	0.83	0.89	0.95	0.88	0.89	0.89	0.00				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 8 (#41). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona molitba</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.08
Turbellaria spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	85	0.08
Nemertina spp.		1	0	1	1	2	5	1.00	0.63	0.40	0.21-1.78	41	0.38
Nematoda spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.08
Sipuncula spp.		2	0	3	0	0	5	1.00	1.26	1.60	0.00-2.57	42	0.38
<i>Phascolion caupo</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	61	0.23
Copepoda spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.08
Myodocopa spp.		1	0	0	3	1	5	1.00	1.10	1.20	0.00-2.35	43	0.38
Cumacea sp. N		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	70	0.15
<i>Vaunthompsonia minor</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	71	0.15
Nannastacidae sp. 1		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	88	0.08
<i>Kalliapseudes</i> n. sp. A		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	72	0.15
Paratanaididae spp.		4	19	1	13	4	41	8.20	6.73	5.53	0.00-16.56	8	3.15
Tanaididae spp.		7	27	21	7	9	71	14.20	8.26	4.80	3.95-24.44	4	5.45
<i>Alpheus</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.08
<i>Paguridae megalops</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.08
Insecta larvae		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.08
<i>Carpis</i> sp. A		6	15	12	24	2	59	11.80	7.60	4.89	2.36-21.23	6	4.53
<i>Paracerceis caudata</i>		3	2	1	3	0	9	1.80	1.17	0.76	0.35-3.24	27	0.69
<i>Erichsonella filiformis isabel.</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	73	0.15
<i>Ampelisca abdita</i>		0	0	1	7	0	8	1.60	2.73	4.65	0.00-4.98	30	0.61
<i>Amphilocheus neopolitanus</i>		0	3	0	2	0	5	1.00	1.26	1.60	0.00-2.57	44	0.38
<i>Anamixis hanseni</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.08
<i>Cerapus</i> n. sp.		2	4	7	6	0	19	3.80	2.56	1.73	0.62-6.97	15	1.46
<i>Cymadusa compta</i>		0	0	7	7	4	18	3.60	3.14	2.73	0.00-7.49	17	1.38
<i>Cymadusa filosa</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	62	0.23
<i>Dulichchiella appendiculata</i>		0	9	3	5	2	19	3.80	3.06	2.46	0.00-7.59	16	1.46
<i>Elasmopus laevis</i>		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	45	0.38
<i>Erichthonius brasiliensis</i>		3	0	3	0	0	6	1.20	1.47	1.80	0.00-3.02	35	0.46
<i>Lembos unicornis</i>		6	10	5	5	0	26	5.20	3.19	1.95	1.24-9.15	11	2.00
<i>Leucothoe spinicarpa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.08
<i>Listriella barnardi</i>		0	3	1	0	0	4	0.80	1.17	1.70	0.00-2.24	52	0.31
<i>Lysianassa alba</i>		3	7	6	0	0	16	3.20	2.93	2.67	0.00-6.83	18	1.23
<i>Microdeutopus myersi</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	63	0.23
<i>Photis pugnator</i>		13	102	22	60	14	211	42.20	34.49	28.19	0.00-85.02	1	16.19
<i>Acuminodeutopus naglei</i>		0	0	0	0	6	6	1.20	2.40	4.80	0.00-4.17	36	0.46
<i>Corophium tuberculatum</i>		0	5	3	1	2	11	2.20	1.72	1.35	0.06-4.33	23	0.84
<i>Lembos</i> sp. indet.		0	6	0	0	0	6	1.20	2.40	4.80	0.00-4.17	37	0.46
<i>Rhepoxynius</i> sp. indet.		2	8	4	10	4	28	5.60	2.94	1.54	1.95-9.24	10	2.15
<i>Tethygenia longleyi</i>		4	21	13	18	5	61	12.20	6.79	3.78	3.77-20.63	5	4.68

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Metaprotella hummelincki</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	94	0.08
<i>Caprella peautautis</i>		0	0	1	0	5	6	1.20	1.94	3.13	0.00-3.60	38	0.46
<i>Neopanope packardii</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.08
<i>Pitho anisodon</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.08
<i>Pinnixa</i> sp. A		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	74	0.15
<i>Amphiodia pulchella</i>		2	2	0	2	3	9	1.80	0.98	0.53	0.58-3.01	28	0.69
<i>Ophiactis savignyi</i>		1	11	6	1	1	20	4.00	4.00	4.00	0.00-8.96	14	1.53
Ophiuroidea juvenile		0	1	1	0	3	5	1.00	1.10	1.20	0.00-2.35	46	0.38
<i>Acteocina canaliculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	97	0.08
<i>Caecum pulchellum</i>		35	12	6	11	23	87	17.40	10.40	6.22	4.48-30.31	3	6.68
<i>Cantharus multangulus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.08
<i>Corbula</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.08
<i>Crepidula maculosa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	100	0.08
<i>Cumingia tellinoides</i>		2	0	0	2	0	4	0.80	0.98	1.20	0.00-2.01	53	0.31
<i>Elysia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.08
Galeommatacea sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	102	0.08
<i>Lima pellucida</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	75	0.15
<i>Linga amiantus</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	64	0.23
<i>Marginella apicina</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	76	0.15
<i>Marginella aureocincta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.08
<i>Meioceras nitida</i>		8	34	12	36	11	101	20.20	12.17	7.33	5.09-35.31	2	7.75
<i>Modulus modulus</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	65	0.23
<i>Nucula proxima</i>		0	1	4	1	5	11	2.20	1.94	1.71	0.00-4.60	24	0.84
<i>Odostomia</i> sp. F		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	77	0.15
<i>Olivella perplexa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	104	0.08
<i>Parvilucina multilineata</i>		0	8	10	7	5	30	6.00	3.41	1.93	1.77-10.22	9	2.30
<i>Rissoina cancellata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.08
<i>Smaragdia viridis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	106	0.08
<i>Tellina versicolor</i>		1	1	3	8	0	13	2.60	2.87	3.17	0.00-6.16	21	1.00
<i>Tricolia affinis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.08
<i>Turbonilla</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.08
<i>Vermicularia spirata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.08
<i>Leptosynapta parvipatina</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.08
<i>Holothuroides</i> sp. A		0	6	0	0	0	6	1.20	2.40	4.80	0.00-4.17	39	0.46
POLYCHAETES													
<i>Naineris setosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	111	0.08
<i>Scoloplos (Leodamus) rubra</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	66	0.23
<i>Scoloplos (Scoloplos) sp. A</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	54	0.31
<i>Aricidea fragilis</i>		0	0	0	4	1	5	1.00	1.55	2.40	0.00-2.92	47	0.38
<i>Aricidea philbinae</i>		7	7	3	8	1	26	5.20	2.71	1.42	1.83-8.56	12	2.00
<i>Aricidea</i> n. sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.08
<i>Aricidea</i> sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.08
<i>Paraonides</i> n. sp.		5	3	4	8	4	24	4.80	1.72	0.62	2.66-6.93	13	1.84

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Polydora ligni</i>		0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	114	0.08	
<i>Polydora plena</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.08
<i>Prionospio cristata</i>		0	3	4	5	0	12	2.40	2.06	1.77	0.00-4.95	22	0.92
<i>Prionospio heterobranchia</i>		1	2	2	1	2	8	1.60	0.49	0.15	0.99-2.20	31	0.61
<i>Scolelepis (Scolelepis) texana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	116	0.08
<i>Cirriformia filigera</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	117	0.08
<i>Tharyx annulosus</i>		1	3	2	2	2	10	2.00	0.63	0.20	1.21-2.78	25	0.77
<i>Capitella capitata</i>		3	0	2	1	0	6	1.20	1.17	1.13	0.00-2.64	40	0.46
<i>Capitellides jonesi</i>		0	2	1	0	2	5	1.00	0.89	0.80	0.00-2.11	48	0.38
<i>Mediomastus sp.</i>		2	3	3	6	1	15	3.00	1.67	0.93	0.92-5.07	19	1.15
<i>Notomastus hemipodus</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	55	0.31
<i>Scyphoproctus platyproctus</i>		0	0	1	3	1	5	1.00	1.10	1.20	0.00-2.35	49	0.38
<i>Eulalia (Eumida) sanguinea</i>		1	0	3	0	1	5	1.00	1.10	1.20	0.00-2.35	50	0.38
Polynoidae undet. sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	118	0.08
<i>Gruboulepis cf. sulcatisetis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	119	0.08
<i>Podarke obscura</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	120	0.08
<i>Ancistrosyllis jonesi</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	78	0.15
<i>Autolytus sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	121	0.08
<i>Ehlersia sp. A</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.08
cf. <i>Eusyllis sp. B</i>		0	2	0	0	2	4	0.80	0.98	1.20	0.00-2.01	56	0.31
<i>Exogone arenosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	123	0.08
<i>Exogone dispar</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	124	0.08
<i>Odontosyllis sp. A</i>		2	1	1	0	3	7	1.40	1.02	0.74	0.13-2.66	32	0.54
<i>Sphaerosyllis sp.</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	67	0.23
<i>Streptosyllis pettiboneae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	125	0.08
<i>Typosyllis sp. F</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.08
Syllidae (Eusyllidae) sp. C		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	79	0.15
<i>Nereis (Neanthes) acuminata</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	68	0.23
<i>Platynereis dumerilii</i>		0	1	1	3	0	5	1.00	1.10	1.20	0.00-2.35	51	0.38
<i>Glycera abbranchiata</i>		1	4	0	2	3	10	2.00	1.41	1.00	0.24-3.75	26	0.77
<i>Lumbrineris latreilli</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	57	0.31
<i>Lumbrineris verrilli</i>		0	4	2	0	1	7	1.40	1.50	1.60	0.00-3.25	33	0.54
<i>Pettiboneia n. sp.</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	80	0.15
<i>Schistomeringos cf. pectinata</i>		1	0	2	10	1	14	2.80	3.66	4.77	0.00-7.33	20	1.07
<i>Owenia fusiformis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	127	0.08
<i>Piromis eruca</i>		1	4	0	2	0	7	1.40	1.50	1.60	0.00-3.25	34	0.54
<i>Sabellaria vulgaris</i>		0	2	5	1	1	9	1.90	1.72	1.64	0.00-3.93	29	0.69
<i>Melinna maculata</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	69	0.23
cf. <i>Amaeana accraensis</i>		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	58	0.31
<i>Pista cristata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	81	0.15

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Polycirrus eximius</i>		17	24	5	8	4	58	11.60	7.71	5.12	2.03-21.17	7	4.45
<i>Polycirrus sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	128	0.08
<i>Terebellides stroemi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.08
<i>Branchiomma nigromaculata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	82	0.15
<i>Chone americana</i>		1	1	0	2	0	4	0.80	0.75	0.70	0.00-1.72	59	0.31
<i>Fabricia sabella</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	83	0.15
<i>Pseudobranchiomma emersoni</i>		0	1	1	2	0	4	0.80	0.75	0.70	0.00-1.72	60	0.31

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		161	412	219	352	159	1303	260.60	103.20	40.97
Number of taxa		43	67	60	69	46	285	57.00	10.68	
Shannon-Weaver H' (log 10)		1.35	1.39	1.56	1.52	1.48	1.62	1.46	0.08	
Dominance (1 - Simpson Index)		0.93	0.91	0.96	0.95	0.96	0.95	0.94	0.01	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 9 (#42). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Turbellaria</i> spp.		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	23	0.63
<i>Nemertina</i> spp.		2	0	4	0	7	13	2.60	2.65	2.71	0.00-5.89	5	4.10
<i>Nematoda</i> spp.		2	0	2	0	5	9	1.80	1.83	1.87	0.00-4.07	9	2.84
<i>Sipuncula</i> spp.		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	24	0.63
<i>Phascolion caupo</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	17	0.95
<i>Myodocopa</i> spp.		0	0	2	2	12	16	3.20	4.49	6.30	0.00-8.77	4	5.05
<i>Paranebalia longipes</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	37	0.32
<i>Mancocuma</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	38	0.32
<i>Apseudidae</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.32
Decapod zoea		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	40	0.32
<i>Apanthura magnifica</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	25	0.63
<i>Ampelisca abdita</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.32
<i>Ampelisca vadorum</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	26	0.63
<i>Amphilocheus neopolitanus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	42	0.32
<i>Listriella barnardi</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	27	0.63
<i>Acuminodeutopus naglei</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.32
<i>Synchelidium americanum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.32
<i>Microproto wigleyi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.32
<i>Pseudaginella antiquae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	46	0.32
<i>Amphiodia pulchella</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	18	0.95
<i>Amphioplus abdita</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	28	0.63
<i>Micropholis gracillima</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	47	0.32
<i>Asthenothaerus hemphilli</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.32
<i>Caecum plicatum</i>		0	11	45	2	27	85	17.00	16.94	16.97	0.00-38.02	1	26.81
<i>Corbula</i> sp.		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	29	0.63
<i>Diplodonta punctata</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	19	0.95
<i>Gastropteron</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	49	0.32
<i>Haminoea succinea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.32
<i>Macoma tenta</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	51	0.32
<i>Nucula proxima</i>		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	14	1.26
<i>Olivella perplexa</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	30	0.63
<i>Parvilucina multilineata</i>		0	2	4	3	10	19	3.80	3.37	2.99	0.00-7.98	3	5.99
<i>Tagelus divisus</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	31	0.63
<i>Tellina alternata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	52	0.32
<i>Tellina martinicensis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	53	0.32
<i>Tellina versicolor</i>		0	1	5	0	4	10	2.00	2.10	2.20	0.00-4.60	7	3.15
<i>Scoloplos (Leodamus) rubra</i>		0	3	0	0	1	4	0.80	1.17	1.70	0.00-2.24	15	1.26

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
POLYCHAETES													
<i>Aricidea philbinae</i>		0	1	5	0	0	6	1.20	1.94	3.13	0.00-3.60	11	1.89
<i>Paraonides n. sp.</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	20	0.95
<i>Minuspio cirrifera</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	21	0.95
<i>Paraprionospio pinnata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	32	0.63
<i>Prionospio heterobranchia</i>		0	0	2	1	3	6	1.20	1.17	1.13	0.00-2.64	12	1.89
<i>Pseudopolydora cf. pulchra</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	33	0.63
<i>Scolelepis (Scolelepis) texana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.32
<i>Spiochaetopterus costarum</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	34	0.63
<i>Tharyx annulosus</i>		0	1	5	0	5	11	2.20	2.32	2.44	0.00-5.07	6	3.47
<i>Capitellides giardi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	55	0.32
<i>Mediomastus sp.</i>		0	1	2	2	1	6	1.20	0.75	0.47	0.27-2.12	13	1.89
<i>Notomastus hemipodus</i>		1	0	1	1	1	4	0.80	0.40	0.20	0.30-1.29	16	1.26
<i>Scyphoproctus platyproctus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.32
<i>Praxillella sp.</i>		0	2	0	4	4	10	2.00	1.79	1.60	0.00-4.22	8	3.15
Polynoidae undet. sp. D		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.32
Polynoidae undet. sp. E		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.32
<i>Podarke obscura</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	22	0.95
<i>Ehlersia sp. A</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.32
<i>Sphaerosyllis spp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.32
<i>Ceratonereis irritabilis</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	35	0.63
<i>Glycera albidentata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.32
<i>Glycinde solitaria</i>		1	1	3	3	1	9	1.80	0.98	0.53	0.58-3.01	10	2.84
<i>Lumbrineris cf. albidentata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.32
<i>Lumbrineris ernesti</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.32
<i>Lumbrineris verrilli</i>		2	6	8	7	5	28	5.60	2.06	0.76	3.04-8.15	2	8.83
<i>Galathowenia africana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	64	0.32
<i>Piromis eruca</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	36	0.63
<i>Pectinaria gouldi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.32
Terebellidae sp. undet.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.32
<i>Chone americana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.32
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		12	49	106	37	113	317	63.40	39.55	24.67			
Number of taxa		9	26	25	20	35	115	23.00	8.51				
Shannon-Weaver H' (log 10)		0.93	1.25	1.03	1.20	1.28	1.40	1.14	0.13				
Dominance (1 - Simpson Index)		0.95	0.93	0.81	0.94	0.92	0.91	0.91	0.00				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 10 (#44). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Anthozoa spp.		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	61	0.16
Turbellaria spp.		2	1	1	0	6	10	2.00	2.10	2.20	0.00-4.60	30	0.52
Nemertina spp.		2	0	2	13	7	24	4.80	4.71	4.62	0.00-10.64	11	1.24
Nematoda spp.		2	0	6	6	13	27	5.40	4.45	3.67	0.00-10.92	10	1.40
Sipuncula spp.		2	1	0	2	6	11	2.20	2.04	1.89	0.00-4.73	27	0.57
<i>Phascolion caupo</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.05
Copepoda spp.		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	72	0.10
Myodocopa spp.		2	2	2	15	50	71	14.20	18.59	24.35	0.00-37.28	5	3.67
Podocopa spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.05
Cumacea sp. M		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.05
Cumacea sp. N		0	0	0	0	9	9	1.80	3.60	7.20	0.00-6.26	35	0.47
Iphone sp. A		0	0	0	7	5	12	2.40	3.01	3.77	0.00-6.13	23	0.62
Mancocuma sp. A		2	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.05
<i>Vaunthompsonia minor</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	73	0.10
<i>Vaunthompsonia floridana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	99	0.05
<i>Oxyurostylis smithi</i>		2	0	0	1	1	4	0.80	0.75	0.70	0.00-1.72	51	0.21
<i>Kalliapseudes</i> n. sp. A		0	2	0	2	7	11	2.20	2.56	2.98	0.00-5.37	28	0.57
Paratanaididae spp.		10	2	16	0	38	66	13.20	13.66	14.13	0.00-30.15	7	3.41
Pycnogonida spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	100	0.05
<i>Carpias</i> sp. A		0	4	0	7	26	37	7.40	9.67	12.63	0.00-19.40	9	1.91
<i>Paracerceis caudata</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	52	0.21
<i>Ampelisca abdita</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	101	0.05
<i>Amphilocheus neopolitanus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	74	0.10
<i>Batea catharinensis</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	75	0.10
<i>Cerapus</i> n. sp.		27	6	27	11	11	82	16.40	8.85	4.77	5.42-27.30	4	4.24
<i>Cymadusa filosa</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.05
<i>Dulichella appendiculata</i>		4	0	7	3	0	14	2.80	2.64	2.49	0.00-6.07	21	0.72
<i>Elasmopus laevis</i>		30	3	31	0	20	84	16.40	13.11	10.22	0.53-33.07	3	4.34
<i>Erichthonius brasiliensis</i>		12	5	19	22	13	71	14.20	5.91	2.46	6.86-21.54	6	3.67
<i>Grandidierella bonnieroides</i>		0	0	0	5	0	5	1.00	2.00	4.00	0.00-3.48	46	0.26
<i>Listriella barnardi</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	62	0.16
<i>Lysianassa alba</i>		0	5	6	1	0	12	2.40	2.58	2.77	0.00-5.59	24	0.62
<i>Microdeutopus myersi</i>		0	3	0	0	12	15	3.00	4.65	7.20	0.00-8.76	19	0.78
<i>Monoculodes nyei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.05
<i>Photis pugnator</i>		31	6	43	35	92	207	41.40	28.16	19.16	6.44-76.36	2	10.70
<i>Corophium tuberculatum</i>		0	0	3	0	3	6	1.20	1.47	1.80	0.00-3.02	43	0.31
<i>Synchelidium americanum</i>		0	0	3	1	6	10	2.00	2.28	2.60	0.00-4.83	31	0.52
<i>Lembos</i> sp. indet.		0	3	0	6	6	15	3.00	2.68	2.40	0.00-6.33	20	0.78



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Rhepoxynius</i> sp. indet.		4	3	0	0	5	12	2.40	2.06	1.77	0.00-4.95	25	0.62
<i>Caprella equilibra</i>		0	0	10	0	0	10	2.00	4.00	8.00	0.00-6.96	32	0.52
<i>Microproto wigleyi</i>		6	0	5	0	5	16	3.20	2.64	2.18	0.00-6.47	17	0.83
<i>Mauerella limicola</i>		0	0	6	0	0	6	1.20	2.40	4.80	0.00-4.17	44	0.31
<i>Caprella peutatis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	104	0.05
<i>Neopanope packardii</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.05
<i>Amphiodia pulchella</i>		7	7	4	3	2	23	4.60	2.06	0.92	2.04-7.15	12	1.19
<i>Ophiolepis paucispina</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.05
<i>Acteocina canaliculata</i>		1	0	0	0	4	5	1.00	1.55	2.40	0.00-2.92	47	0.26
<i>Alvania auberiana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.05
<i>Brachidontes exustus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.05
<i>Caecum pulchellum</i>		90	99	176	238	0	603	120.60	80.99	54.39	20.05-221.15	1	31.18
<i>Carditamera floridana</i>		1	5	1	0	2	9	1.80	1.72	1.64	0.00-3.93	36	0.47
<i>Chione cancellata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	76	0.10
<i>Cumingia tellinoides</i>		1	2	0	1	0	4	0.80	0.75	0.70	0.00-1.72	53	0.21
<i>Elysia</i> sp. B		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	77	0.10
<i>Eulima jamaicensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	109	0.05
<i>Eulima</i> sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.05
Galeommatacea sp. B		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	78	0.10
Granulina ovuliformis		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	111	0.05
<i>Laevicardium mortoni</i>		6	0	1	2	0	9	1.80	2.23	2.76	0.00-4.56	37	0.47
<i>Lima pellucida</i>		0	3	1	0	0	4	0.80	1.17	1.70	0.00-2.24	54	0.21
<i>Lyonsia hyalina</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.05
<i>Marginella apicina</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	79	0.10
<i>Meioceras nitida</i>		18	13	10	16	0	57	11.40	6.31	3.49	3.56-19.23	8	2.95
<i>Mitrella lunata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.05
<i>Modulus modulus</i>		0	8	1	0	0	9	1.80	3.12	5.42	0.00-5.67	36	0.47
<i>Nassarius albus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.05
<i>Nucula proxima</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	63	0.16
<i>Odostomia</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	115	0.05
<i>Olivella perplexa</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	64	0.16
<i>Parvilucina multilineata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	116	0.05
<i>Tagelus divisus</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	80	0.10
<i>Tellina versicolor</i>		2	0	4	0	2	8	1.60	1.50	1.40	0.00-3.45	41	0.41
<i>Trachycardium muricatum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	117	0.05
<i>Turbonilla</i> sp. F		0	1	2	1	2	6	1.20	0.75	0.47	0.27-2.12	45	0.31
<i>Vermicularia knorrii</i>		0	0	1	1	2	4	0.80	0.75	0.70	0.00-1.72	55	0.21
<i>Vermicularia spirata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	81	0.10
<i>Astichopus multifidus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	82	0.10
<i>Leptosynapta parvipatina</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	65	0.16
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	118	0.05
<i>Naineris setosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	119	0.05
<i>Scoloplos (Leodamus) rubra</i>		5	1	4	1	1	12	2.40	1.74	1.27	0.24-4.56	26	0.62

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Aricidea</i> sp. C		0	2	2	0	5	9	1.80	1.83	1.97	0.00-4.07	39	0.47
<i>Paraonides</i> n. sp.		5	2	2	2	5	16	3.20	1.47	0.68	1.38-5.02	18	0.83
<i>Malacoceros (Rhynch.) glutaeus</i>		0	3	1	8	8	20	4.00	3.41	2.90	0.00-8.22	15	1.03
<i>Minuspio cirrifera</i>		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	66	0.16
<i>Prionospio cristata</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	67	0.16
<i>Prionospio fallax</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	120	0.05
<i>Prionospio heterobranchia</i>		5	3	3	2	8	21	4.20	2.14	1.09	1.55-6.85	14	1.09
<i>Spiochaetopterus costarum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	121	0.05
<i>Caulleriella alata</i>		1	2	0	1	3	7	1.40	1.02	0.74	0.13-2.66	42	0.36
cf. <i>Caulleriella killariensis</i>		0	0	1	0	3	4	0.80	1.17	1.70	0.00-2.24	56	0.21
cf. <i>Caulleriella</i> sp.		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	83	0.10
<i>Cirriformia</i> sp. A		0	0	2	0	2	4	0.80	0.98	1.20	0.00-2.01	57	0.21
<i>Cirriformia</i> sp. B		1	2	0	0	0	3	0.60	0.80	1.97	0.00-1.59	68	0.16
cf. <i>Decamastus</i> sp.		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	84	0.10
<i>Mediomastus</i> sp.		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	69	0.16
<i>Notomastus hemipodus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	122	0.05
<i>Scyphoproctus platyproctus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	123	0.05
<i>Axiothella mucosa</i>		2	0	0	2	6	10	2.00	2.19	2.40	0.00-4.71	33	0.52
<i>Eulalia (Eumida) sanguinea</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	124	0.05
<i>Phyllodoce (N.) fragilis</i>		1	1	1	2	0	5	1.00	0.63	0.40	0.21-1.78	48	0.26
Polynoidae undet. sp. D		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	125	0.05
Polynoidae undet. sp. E		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	126	0.05
<i>Bhawania goodei</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	85	0.10
<i>Podarke obscura</i>		2	1	0	0	2	5	1.00	0.89	0.80	0.00-2.11	49	0.26
<i>Brania</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	127	0.05
<i>Ehlersia</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	128	0.05
<i>Exogone arenosa</i>		1	3	2	4	12	22	4.40	3.93	3.51	0.00-9.27	13	1.14
<i>Exogone dispar</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	86	0.10
<i>Odontosyllis</i> sp. A		0	2	0	2	1	5	1.00	0.89	0.80	0.00-2.11	50	0.26
<i>Sphaerosyllis</i> sp.		0	0	0	7	6	13	2.60	3.20	3.94	0.00-6.57	22	0.67
<i>Typosyllis</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.05
<i>Typosyllis</i> sp. Y		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	130	0.05
Syllidae (Eusyllinae) sp. B		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	131	0.05
Syllidae (Eusyllinae) sp. C		1	0	1	1	1	4	0.80	0.40	0.20	0.30-1.29	58	0.21
<i>Ceratonereis irritabilis</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	87	0.10
Nereidae juvenile		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	88	0.10
<i>Glycera abbranchiata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	132	0.05
<i>Glycera</i> cf. <i>americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	133	0.05
<i>Glycinde solitaria</i>		1	0	1	0	2	4	0.80	0.75	0.70	0.00-1.72	59	0.21
<i>Linopherus canariensis</i>		0	1	0	0	3	4	0.80	1.17	1.70	0.00-2.24	60	0.21

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Lumbrineris cf. albidentata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	134	0.05
<i>Lumbrineris latreilli</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	89	0.10
<i>Lumbrineris verrilli</i>		0	2	1	2	4	9	1.80	1.33	0.98	0.15-3.44	40	0.47
<i>Arabella (Cenothrix) maculosa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.05
<i>Schistomeringos cf. pectinata</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	90	0.10
<i>Schistomeringos rudolphi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	136	0.05
<i>Owenia fusiformis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	137	0.05
<i>Piromis eruca</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	70	0.16
<i>Sabellaria vulgaris</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	91	0.10
<i>cf. Lanicides sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	138	0.05
<i>Pista cristata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	139	0.05
<i>Polycirrus sp.</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	92	0.10
<i>Streblosoma hartmanae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	140	0.05
<i>Terebellides stroemi</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	71	0.16
<i>Trichobranchus glacialis</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	93	0.10
<i>Chone americana</i>		0	2	6	2	1	11	2.20	2.04	1.89	0.00-4.73	29	0.57
<i>Chone sp.</i>		3	1	2	0	4	10	2.00	1.41	1.00	0.24-3.75	34	0.52
<i>Fabricia sabella</i>		1	1	5	6	7	20	4.00	2.53	1.60	0.86-7.14	16	1.03
<i>Megalomma n. sp.</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	94	0.10
<i>Sabella microphthalma</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	141	0.05
<i>Sabella variegata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	142	0.05

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		314	238	447	460	475	1934	386.80	94.02	22.86
Number of taxa		54	61	63	54	73	305	61.00	7.01	
Shannon-Weaver H' (log 10)		1.25	1.26	1.17	1.00	1.49	1.42	1.23	0.16	
Dominance (1 - Simpson Index)		0.89	0.82	0.82	0.72	0.94	0.88	0.84	0.04	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 11 (#47). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Hydrozoa spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.02
Anthozoa spp.		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	61	0.05
Turbellaria spp.		7	4	4	3	10	28	5.60	2.58	1.19	2.40-8.79	21	0.48
Nemertina spp.		12	10	2	13	5	42	8.40	4.22	2.12	3.16-13.64	17	0.73
Nematoda spp.		19	8	0	7	1	35	7.00	6.78	6.57	0.00-15.42	18	0.61
Sipuncula spp.		0	1	0	0	0	1	0.20	0.40	0.90	0.00-0.69	87	0.02
Copepoda spp.		6	15	0	10	42	73	14.60	14.55	14.51	0.00-32.66	15	1.26
Podocopa spp.		269	78	2	96	150	595	119.00	88.72	66.15	8.85-229.14	2	10.30
<i>Paranebalia longipes</i>		14	46	0	22	65	147	29.40	23.23	18.36	0.56-58.24	9	2.54
<i>Mysida</i> juvenile		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.02
<i>Kalliapseudes</i> n. sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.02
Paratanaididae sp.		7	2	3	8	2	22	4.40	2.58	1.51	1.20-7.59	26	0.38
Tanaididae spp.		17	17	3	24	19	80	16.00	6.99	3.05	7.33-24.67	13	1.38
<i>Thor floridanus</i>		24	14	11	4	7	60	12.00	6.90	3.97	3.43-20.56	16	1.04
Pycnogonida spp.		3	4	1	4	1	13	2.60	1.36	0.71	0.92-4.28	35	0.23
Chaetognatha spp.		5	3	0	9	83	100	20.00	31.64	50.04	0.00-59.27	11	1.73
Tunicata spp.		2	0	0	0	2	4	0.80	0.98	1.20	0.00-2.01	50	0.07
<i>Carpias</i> sp. A*		405	365	107	354	729	1960	392.00	198.56	100.58	145.49-638.50	1	33.93
<i>Paracerceis caudata</i>		72	4	18	10	25	129	25.80	24.17	22.64	0.00-55.80	10	2.23
<i>Erichsonella filiformis isabel.</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	51	0.07
<i>Erichsonella floridana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	90	0.02
<i>Amphilocheus neopalitanus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	91	0.02
<i>Anamixis hansenii</i>		4	10	0	3	3	20	4.00	3.29	2.70	0.00-8.07	29	0.35
<i>Carinobatea carinata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	92	0.02
<i>Cymadusa compta</i>		6	0	0	0	9	15	3.00	3.79	4.80	0.00-7.71	33	0.26
<i>Cymadusa filosa</i>		0	6	0	4	0	10	2.00	2.53	3.20	0.00-5.14	38	0.17
<i>Dulichella appendiculata</i>		77	28	12	34	69	220	44.00	24.88	14.06	13.12-74.88	7	3.81
<i>Elasmopus laevis</i>		3	0	0	4	26	33	6.60	9.83	14.64	0.00-18.80	19	0.57
<i>Erichthonius brasiliensis</i>		31	5	11	16	37	100	20.00	12.10	7.32	4.98-35.02	12	1.73
<i>Lembos unicornis</i>		10	5	1	6	5	27	5.40	2.97	1.53	1.84-8.96	22	0.47
<i>Leucothoe spinicarpa</i>		11	1	0	0	7	19	3.80	4.45	5.20	0.00-9.31	30	0.33
<i>Lysianassa alba</i>		81	18	12	8	42	161	32.20	27.10	22.81	0.00-65.84	8	2.79
<i>Tethygenia longleyi</i>		3	0	3	0	0	6	1.20	1.47	1.00	0.00-3.02	47	0.10
<i>Microproto wigleyi</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	73	0.03
<i>Metaprotella hummelincki</i>		0	0	2	1	0	3	0.60	0.80	1.07	0.00-1.59	62	0.05

\* Values are as follows: *Carpias* sp. A, 405, 365, 107, 354, 729, 1960, 392.00, 198.56, 100.58, 145.49-638.50, 1, 33.93

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Mauerella limicola</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	74	0.03
<i>Caprella peautautis</i>		1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	52	0.07
<i>Neopanope packardii</i>		1	2	1	0	0	4	0.80	0.75	0.70	0.00-1.72	53	0.07
<i>Panopeus cf. occidentalis</i>		1	0	1	1	1	4	0.80	0.40	0.20	0.30-1.29	54	0.07
<i>Axiognathus squamatus</i>		0	2	0	12	0	14	2.80	4.66	7.77	0.00-8.59	34	0.24
<i>Ophiocnida scabriuscula</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	75	0.03
<i>Ophiolepis paucispina</i>		1	0	2	0	9	12	2.40	3.38	4.77	0.00-6.59	36	0.21
<i>Ophiopsila riisei</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	76	0.03
<i>Alvania auberiana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	93	0.02
<i>Anachis hotessieriana</i>		3	2	2	1	14	22	4.40	4.84	5.33	0.00-10.41	27	0.38
<i>Anomia simplex</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.02
Aplysiidae sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.02
<i>Arcopsis adamsi</i>		5	0	0	1	0	6	1.20	1.94	3.13	0.00-3.60	48	0.10
<i>Brachidontes exustus</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	63	0.05
<i>Caecum pulchellum</i>	249	58	45	82	93	527	105.40	73.78	51.65	13.81-196.99	3	9.12	
<i>Carditamera floridana</i>		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	55	0.07
<i>Cerithium eburneum</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	64	0.05
<i>Chione cancellata</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	65	0.05
<i>Crepidula maculosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	96	0.02
<i>Cylindrobulla beauui</i>		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	56	0.07
<i>Diodora cayenensis</i>		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	66	0.05
<i>Haliotinella patinaria</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	97	0.02
<i>Ischnochiton papillosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	98	0.02
<i>Lima pellucida</i>		2	3	1	0	3	9	1.80	1.17	0.76	0.35-3.24	40	0.16
<i>Marginella aureocincta</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	77	0.03
<i>Meioceras nitida</i>		3	0	5	0	14	22	4.40	5.16	6.05	0.00-10.80	28	0.38
<i>Modulus modulus</i>		5	0	1	0	2	8	1.60	1.85	2.15	0.00-3.90	43	0.14
<i>Odostomia</i> sp. D		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	78	0.03
<i>Pinctada imbricata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.02
<i>Rissoella caribaea</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	79	0.03
<i>Rissoina cancellata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.02
<i>Thala foveata</i>		2	1	1	0	0	4	0.80	0.75	0.70	0.00-1.72	57	0.07
<i>Triphora nigrocincta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.02
<i>Turbo castanea</i>		11	5	6	0	1	23	4.60	3.93	3.36	0.00-9.47	25	0.40
<i>Turbonilla</i> sp. D		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	80	0.03
<i>Vermicularia knorrui</i>	57	52	14	26	143	292	58.40	45.21	35.00	2.27-114.53	5	5.05	
<i>Vermicularia spirata</i>	55	65	43	44	110	317	63.40	24.65	9.58	32.8-3.99	4	5.49	
<i>Echinaster sentus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.02
<i>Leptosynapta parvipatina</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	67	0.05
<i>Lucania parva</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.02
POLYCHAETES													
<i>Naineris setosa</i>		3	4	0	2	16	25	5.00	5.66	6.40	0.00-12.02	24	0.43
<i>Aricidea</i> n. sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.02
<i>Cirriformia filigera</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	105	0.02
<i>Cirriformia</i> sp. B		2	1	2	1	1	7	1.40	0.49	0.17	0.79-2.00	44	0.12

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Tharyx annulosus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	106	0.02
<i>Macrochaeta</i> sp.		24	33	12	81	78	228	45.60	28.49	17.79	10.24-80.96	6	3.95
cf. <i>Decamastus</i> sp.		0	1	2	1	2	6	1.20	0.75	0.47	0.27-2.12	49	0.10
<i>Mediomastus</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.02
<i>Lepidonotus sublevis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.02
<i>Bhawania goodei</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	81	0.03
<i>Chrysopetalum occidentale</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	82	0.03
<i>Hesione picta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	109	0.02
<i>Podarke obscura</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	68	0.05
<i>Amblyosyllis</i> cf. <i>formosa</i>		2	0	0	1	1	4	0.80	0.75	0.70	0.00-1.72	58	0.07
<i>Brania</i> sp. A		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	69	0.05
<i>Ehlersia</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.02
cf. <i>Eusyllis</i> sp. A		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	83	0.03
cf. <i>Eusyllis</i> sp. c		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	84	0.03
<i>Exogone verugera</i>		2	5	1	5	6	19	3.80	1.94	0.99	1.39-6.20	31	0.33
<i>Haplosyllis spongicola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	111	0.02
<i>Odontosyllis</i> sp. A		3	1	0	2	3	9	1.80	1.17	0.76	0.35-3.24	41	0.16
<i>Sphaerosyllis</i> spp.		7	6	0	10	8	31	6.20	3.37	1.83	2.02-10.38	20	0.54
<i>Syllides bansei</i>		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	70	0.05
<i>Syllides floridanus</i>		10	3	1	1	11	26	5.20	4.40	3.72	0.00-10.66	23	0.45
<i>Typosyllis annularis</i>		4	2	0	0	6	12	2.40	2.33	2.27	0.00-5.29	37	0.21
<i>Typosyllis</i> sp. A		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	59	0.07
<i>Typosyllis</i> sp. F		12	17	6	19	25	79	15.80	6.43	2.62	7.82-23.78	14	1.37
<i>Typosyllis</i> sp. L		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	112	0.02
<i>Platynereis dumerilii</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	113	0.02
<i>Linopherus canariensis</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	71	0.05
<i>Eunice vittatopsis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.02
<i>Marphysa sanguinea</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	72	0.05
<i>Lumbrineris verrilli</i>		1	0	0	2	1	4	0.80	0.75	0.70	0.00-1.72	60	0.07
<i>Dorvillea rubra</i>		3	0	1	3	0	7	1.40	1.36	1.31	0.00-3.08	45	0.12
<i>Schistomeringos rudolphi</i>		1	2	4	2	0	9	1.80	1.33	0.98	0.15-3.44	42	0.16
cf. <i>Lanice</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	115	0.02
<i>Polycirrus eximius</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	116	0.02
<i>Polycirrus</i> sp.		2	4	0	0	4	10	2.00	1.79	1.60	0.00-4.22	39	0.17
<i>Streblosoma hartmanae</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	85	0.03
<i>Terebellides stroemi</i>		6	3	0	7	0	16	3.20	2.93	2.67	0.00-6.83	32	0.28
<i>Branchiomma nigromaculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	117	0.02
<i>Sabella variegata</i>		3	0	1	2	1	7	1.40	1.02	0.74	0.13-2.66	46	0.12
<i>Spirorbis</i> (L.) <i>knightjonesi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	118	0.02

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		1606	931	366	962	1912	5777	1155.40	545.23	257.30
Number of taxa		79	55	50	57	61	302	60.40	9.95	
Shannon-Weaver H' (log 10)		1.18	1.11	1.21	1.12	1.11	1.20	1.15	0.04	
Dominance (1 - Simpson Index)		0.87	0.82	0.88	0.83	0.83	0.85	0.85	0.01	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 12 (#48). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Anthozoa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.09
Turbellaria sp.		1	0	4	0	2	7	1.40	1.50	1.60	0.00-3.25	23	0.60
Nemertina spp.		1	0	18	0	0	19	3.80	7.11	13.31	0.00-12.62	12	1.64
Nematoda spp.		0	3	41	0	9	53	10.60	15.55	22.82	0.00-29.90	2	4.57
<i>Phascolion cryptus</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	51	0.17
Copepoda spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	77	0.09
Myodocopa spp.		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	52	0.17
Podocopa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.09
Cumacea sp. N		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	40	0.26
Paratanaididae spp.		0	11	35	3	4	53	10.60	12.72	15.27	0.00-26.39	3	4.57
Tanaididae spp.		0	1	13	0	2	16	3.20	4.96	7.68	0.00-9.35	13	1.38
<i>Alpheus normanni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.09
<i>Hippolyte zostericola</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	53	0.17
<i>Chaetognatha</i> spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.09
Tunicata spp.		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	33	0.35
<i>Carpias</i> sp. A		1	0	6	0	0	7	1.40	2.33	3.89	0.00-4.29	24	0.60
<i>Paracerceis caudata</i>		1	1	4	1	0	7	1.40	1.36	1.31	0.00-3.08	25	0.60
<i>Ampelisca vadorum</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	54	0.17
<i>Amphilocheus neopolitanus</i>		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	41	0.26
<i>Cerapus</i> n. sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	81	0.09
<i>Cymadusa compta</i>		0	0	6	0	2	8	1.60	2.33	3.40	0.00-4.49	20	0.69
<i>Dulichella appendiculata</i>		10	6	8	2	1	27	5.40	3.44	2.19	1.13-9.67	7	2.33
<i>Elasmopus laevis</i>		0	0	11	0	0	11	2.20	4.40	8.80	0.00-7.66	17	0.95
<i>Erichthonius brasiliensis</i>		0	17	3	3	5	28	5.60	5.92	6.26	0.00-12.94	6	2.42
<i>Lembos unicornis</i>		4	2	14	2	2	24	4.80	4.66	4.53	0.00-10.59	9	2.07
<i>Listriella barnardi</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	55	0.17
<i>Lysianassa alba</i>		9	2	16	5	5	37	7.40	4.84	3.17	1.39-13.41	4	3.19
<i>Lembos</i> sp. indet.		2	3	0	0	2	7	1.40	1.20	1.03	0.00-2.88	26	0.60
<i>Metopa</i> sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	82	0.09
<i>Rhepoxynius</i> sp. indet.		0	2	0	1	1	4	0.80	0.75	0.70	0.00-1.72	34	0.35
<i>Tethygenia longleyi</i>		2	0	5	1	0	8	1.60	1.85	2.15	0.00-3.90	21	0.69
<i>Pseudaginella antiquae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.09
<i>Neopanope packardii</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.09
<i>Amphioplus abdita</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	56	0.17
<i>Amphioplus thrombodes</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	57	0.17
<i>Ophiocnida scabriuscula</i>		0	1	3	2	0	6	1.20	1.17	1.13	0.00-2.64	29	0.52
<i>Ophiopsila riisei</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.09
<i>Anachis obesa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	86	0.09
<i>Anomia simplex</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	58	0.17
<i>Argopecten irradians</i>		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	42	0.26
<i>Caecum pulchellum</i>		1	2	14	5	1	23	4.60	4.92	5.27	0.00-10.71	10	1.98
<i>Cantharus multangulus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.09



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Chione cancellata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.09
<i>Circulus suppressus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	59	0.17
<i>Columbella rusticoides</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	60	0.17
<i>Corbula</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	89	0.09
<i>Crepidula maculosa</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	61	0.17
<i>Cumingia tellinoides</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.09
<i>Elysia</i> sp. A		2	3	1	0	2	8	1.60	1.02	0.65	0.33-2.86	22	0.69
<i>Ischnochiton papillosus</i>		3	3	8	4	5	23	4.60	1.85	0.75	2.30-6.90	11	1.98
<i>Laevicardium mortoni</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	62	0.17
<i>Lima pellucida</i>		2	0	2	0	0	4	0.80	0.98	1.20	0.00-2.01	35	0.35
<i>Limopsis</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	91	0.09
<i>Marginella eburneola</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	92	0.09
<i>Modulus modulus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.09
<i>Nassarius albus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.09
<i>Parvilucina multilineata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.09
<i>Rissoina catesbyana</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	43	0.26
<i>Tellina versicolor</i>		0	4	1	0	2	7	1.40	1.50	1.60	0.00-3.25	27	0.60
<i>Vermicularia spirata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.09
<i>Astichopus multifidus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.09
<i>Opsanus beta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.09

POLYCHAETES

<i>Haploscoloplos foliosus</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	44	0.26
<i>Naineris setosa</i>		1	1	11	0	0	13	2.60	4.22	6.86	0.00-7.84	16	1.12
<i>Minuspio cirrifera</i>		0	0	13	1	1	15	3.00	5.02	8.40	0.00-9.23	15	1.29
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.09
<i>Pseudopolydora</i> cf. <i>pulchra</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.09
<i>Magelona pettiboneae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	101	0.09
<i>Caulleriella alata</i>		0	0	9	0	0	9	1.80	3.60	7.20	0.00-6.26	19	0.78
cf. <i>Caulleriella</i> <i>killariensis</i>		0	0	16	0	0	16	3.20	6.40	12.80	0.00-11.14	14	1.38
cf. <i>Cirratulus</i> sp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	63	0.17
<i>Cirriformia</i> sp. B		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	64	0.17
<i>Tharyx annulosus</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	65	0.17
<i>Capitella capitata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.09
<i>Capitellides jonesi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.09
<i>Mediomastus</i> sp.		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	45	0.26
<i>Notomastus latericeus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	66	0.17
near <i>Pseudoleiocapitella</i> sp.		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	46	0.26
<i>Scyphoproctus</i> <i>platyproctus</i>		9	12	1	4	9	35	7.00	3.95	2.23	2.10-11.90	5	3.02
<i>Eteone heteropoda</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.09
<i>Podarke obscura</i>		1	0	2	0	2	5	1.00	0.89	0.80	0.00-2.11	30	0.43
<i>Brania</i> sp. A		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	47	0.26
<i>Ehlersia</i> sp. A		11	5	4	1	4	25	5.00	3.29	2.16	0.92-9.07	8	2.16

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Exogone arenosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.09
<i>Exogone verugera</i>		1	1	1	2	0	5	1.00	0.63	0.40	0.21-1.78	31	0.43
<i>Odontosyllis</i> sp. A		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	67	0.17
<i>Sphaerosyllis</i> spp.		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	36	0.35
<i>Syllides floridanus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.09
<i>Typosyllis</i> sp. A		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	68	0.17
<i>Typosyllis</i> sp. C		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	69	0.17
<i>Typosyllis</i> sp. F		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	107	0.09
<i>Ceratocephale</i> sp.		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	70	0.17
<i>Nereis (Neanthus)</i> <i>acuminata</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	48	0.26
<i>Platynereis dumerilii</i>		1	2	2	1	1	7	1.40	0.49	0.17	0.79-2.00	28	0.60
Nereidae juvenile		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.09
<i>Glycera abbranchiata</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	71	0.17
<i>Glycera</i> cf. <i>americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.09
<i>Glycinde solitaria</i>		1	2	5	1	1	10	2.00	1.55	1.20	0.08-3.92	18	0.86
<i>Marphysa sanguinea</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	72	0.17
<i>Lumbrineris</i> cf. <i>albidentata</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	49	0.26
<i>Lumbrineris verrilli</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	73	0.17
<i>Drilonereis</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.09
<i>Schistomeringos</i> <i>rudolphi</i>		0	0	2	2	0	4	0.80	0.98	1.20	0.00-2.01	37	0.35
<i>Piromis eruca</i>		4	0	0	0	0	4	0.80	1.60	3.20	0.00-2.78	38	0.35
<i>Pectinaria gouldi</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	74	0.17
<i>Streblosoma hartmanae</i>		1	0	0	0	3	4	0.80	1.17	1.70	0.00-2.24	39	0.35
Terebellidae sp. undet.		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	50	0.26
<i>Chone</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	111	0.09
<i>Megalomma</i> n. sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	112	0.09
<i>Pseudobranchiomma</i> <i>emersoni</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	75	0.17
<i>Sabella microphthalma</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.09
<i>Sabella variegata</i>		101	232	92	30	31	486	97.20	73.64	55.78	5.78-188.61	1	41.93
<i>Spirorbis</i> sp.		3	0	2	0	0	5	1.00	1.26	1.60	0.00-2.57	32	0.43

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		188	334	434	88	115	1159	231.80	132.34	75.56
Number of taxa		38	40	71	33	38	220	44.00	13.70	
Shannon-Weaver H' (log 10)		0.94	0.69	1.45	1.22	1.31	1.29	1.12	0.28	
Dominance (1 - Simpson Index)		0.70	0.51	0.93	0.87	0.91	0.81	0.79	0.06	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 13 (#54). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Anthozoa spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.04
Turbellaria spp.		0	1	1	0	1	3	0.60	0.49	0.40	0.00-1.20	37	0.13
Nemertina spp.		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	38	0.13
Nematoda spp.		300	200	0	0	4	504	100.80	125.87	157.17	0.00-257.06	2	22.54
<i>Phascolion cryptus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	46	0.09
Myodocopa spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	59	0.04
<i>Balanus trigonus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	60	0.04
<i>Balanus venustus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	47	0.09
Paratanaidae spp.		5	0	0	0	0	5	1.00	2.00	4.00	0.00-3.48	31	0.22
<i>Alpheus</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.04
<i>Hippolyte zostericola</i>		1	1	0	1	0	3	0.60	0.49	0.40	0.00-1.20	39	0.13
<i>Pagurus maclaughlinae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.04
Petrolistes sp. indet.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	48	0.09
<i>Carpas</i> sp. A		17	0	23	48	36	124	24.80	16.39	10.83	4.46-45.14	4	5.55
<i>Paracerceis caudata</i>		4	4	6	14	3	31	6.20	4.02	2.61	1.21-11.19	8	1.39
<i>Xenanthura brevitelson</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	63	0.04
<i>Ampelisca abdita</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	40	0.13
<i>Ampelisca vadorum</i>		3	0	11	0	3	17	3.40	4.03	4.78	0.00-8.40	14	0.76
<i>Amphilocheus neopolitanus</i>		4	4	3	5	5	21	4.20	0.75	0.13	3.27-5.12	12	0.94
<i>Batea catharinensis</i>		0	5	0	1	0	6	1.20	1.94	3.13	0.00-3.60	24	0.27
<i>Cerapus</i> n. sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	49	0.09
<i>Cymadusa compta</i>		9	6	4	6	3	28	5.60	2.06	0.76	3.04-8.15	10	1.25
<i>Dulichella appendiculata</i>		5	0	9	8	4	26	5.20	3.19	1.95	1.24-9.15	11	1.16
<i>Elasmopus laevis</i>		16	11	20	21	28	96	19.20	5.64	1.65	12.20-26.19	5	4.29
<i>Erichthonius brasiliensis</i>		11	0	9	27	0	47	9.40	9.89	10.41	0.00-21.67	7	2.10
<i>Lembos unicornis</i>		15	1	7	18	7	48	9.60	6.12	3.90	2.00-17.19	6	2.15
<i>Leucothoe spinicarpa</i>		0	0	0	6	0	6	1.20	2.40	4.80	0.00-4.17	25	0.27
<i>Lysianassa alba</i>		9	3	0	6	0	18	3.60	3.50	3.40	0.00-7.94	13	0.81
<i>Melita nitida</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.04
<i>Corophium tuberculatum</i>		0	5	0	0	0	5	1.00	2.00	4.00	0.00-3.48	32	0.22
<i>Lembos</i> sp. indet.		0	0	4	0	0	4	0.80	1.60	3.20	0.00-2.78	33	0.18
<i>Tethygenia longleyi</i>		9	9	4	4	3	29	5.80	2.64	1.20	2.52-9.07	9	1.30
<i>Caprella peutaotis</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	41	0.13
<i>Neopanope packardii</i>		0	3	1	0	0	4	0.80	1.17	1.70	0.00-2.24	34	0.18
<i>Panopeus</i> cf. <i>occidentalis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	65	0.04
<i>Ophiocnida scabriuscula</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	50	0.09
<i>Anomia simplex</i>		1	3	1	1	0	6	1.20	0.96	0.80	0.00-2.41	26	0.27
<i>Argopecten irradians</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.04
<i>Barbatia cancellaria</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.04
<i>Caecum pulchellum</i>		84	83	56	51	60	334	66.80	13.93	2.91	49.50-84.09	3	14.94

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
<i>Cantharus multangulus</i>	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.04	
<i>Carditamera floridana</i>	0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	51	0.09
<i>Cerithium muscarum</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.04
<i>Chione cancellata</i>	3	0	3	0	1	7	1.40	1.36	1.31	0.00-3.08	20	0.31
<i>Crepidula maculosa</i>	2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	42	0.13
<i>Cumingia tellinoides</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	70	0.04
<i>Elysia</i> sp. A	3	2	1	0	0	6	1.20	1.17	1.13	0.00-2.64	27	0.27
<i>Eupleura sulcidentata</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.04
<i>Fasciolaria tulipa</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.04
<i>Granulina ovuliformis</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.04
<i>Hyalina veliei</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.04
<i>Ischnochiton papillosus</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.04
<i>Lima pellucida</i>	1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	43	0.13
<i>Marginella apicina</i>	0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	52	0.09
<i>Marginella eburneola</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.04
<i>Marginella aureocincta</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.04
<i>Meioceras nitida</i>	0	7	1	2	1	11	2.20	2.48	2.80	0.00-5.28	18	0.49
<i>Mitrella lunata</i>	1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	53	0.09
<i>Rissoina cancellata</i>	3	2	1	1	0	7	1.40	1.02	0.74	0.13-2.66	21	0.31
<i>Smaragdia viridis</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.04
<i>Tellina versicolor</i>	0	3	3	1	0	7	1.40	1.36	1.31	0.00-3.08	22	0.31
<i>Vermicularia knorrii</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.04
<i>Vermicularia spirata</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.04
Holothuroidea sp. A	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.04

POLYCHAETES

<i>Haploscoloplos foliosus</i>	4	3	5	2	0	14	2.80	1.72	1.06	0.66-4.93	16	0.63
<i>Naineris setosa</i>	1	3	1	2	1	8	1.60	0.80	0.40	0.61-2.59	19	0.36
<i>Aricidea fragilis</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.04
<i>Aricidea</i> n. sp. A	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.04
<i>Prionospio cristata</i>	0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	35	0.18
<i>Prionospio heterobranchia</i>	0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	54	0.09
<i>Scolelepis (Scolelepis) texana</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	84	0.04
<i>Spio pettiboneae</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.04
<i>Spiochaetopterus costarum</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	86	0.04
<i>Caulleriella alata</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.04
<i>Tharyx annulosus</i>	0	12	0	2	2	16	3.20	4.49	6.30	0.00-8.77	15	0.72
<i>Capitellides jonesi</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.04
<i>Scyphoproctus platyproctus</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.04
<i>Eulalia (Eumida) sanguinea</i>	0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	44	0.13
<i>Podarke obscura</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.04
<i>Ehlersia</i> sp. A	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	91	0.04
<i>Exogone dispar</i>	0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	55	0.09

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Odontosyllis</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	92	0.04
<i>Platynereis dumerilii</i>		1	2	4	4	1	12	2.40	1.36	0.77	0.72-4.08	17	0.54
<i>Glycera abbranchiata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	93	0.04
<i>Glycera</i> cf. <i>americana</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	56	0.09
<i>Glycinde solitaria</i>		1	1	3	0	1	6	1.20	0.98	0.80	0.00-2.41	28	0.27
<i>Lumbrineris verrilli</i>		1	0	1	3	1	6	1.20	0.98	0.80	0.00-2.41	29	0.27
<i>Schistomeringos rudolphi</i>		1	0	1	1	0	3	0.60	0.49	0.40	0.00-1.20	45	0.13
<i>Pherusa ehlersi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.04
<i>Piromis eruca</i>		0	3	0	3	0	6	1.20	1.47	1.80	0.00-3.02	30	0.27
<i>Sabellaria vulgaris</i>		6	0	1	0	0	7	1.40	2.33	3.89	0.00-4.29	23	0.31
<i>Pectinaria gouldi</i>		2	1	1	0	0	4	0.80	0.75	0.70	0.00-1.72	36	0.18
<i>Melinna maculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.04
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.04
<i>Terebellides stroemi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.04
<i>Megalomma</i> n. sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.04
<i>Sabella microphthalma</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	57	0.09
<i>Sabella variegata</i>		83	82	189	268	42	664	132.80	83.36	52.32	29.31-236.28	1	29.70

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		619	484	384	524	225	2236	447.20	134.26	40.31
Number of taxa		43	47	38	41	35	204	40.80	4.12	
Shannon-Weaver H' (log 10)		0.88	0.94	0.91	0.89	1.05	1.08	0.93	0.06	
Dominance (1 - Simpson Index)		0.73	0.77	0.73	0.71	0.85	0.83	0.76	0.04	

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 12 (#48). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Nemertina</i> spp.		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	20	1.02
<i>Nematoda</i> spp.		0	7	2	0	0	9	1.80	2.71	4.09	0.00-5.16	6	3.07
<i>Copepoda</i> spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	26	0.68
<i>Myodocopa</i> spp.		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	21	1.02
<i>Paratanaididae</i> spp.		2	7	1	1	2	13	2.60	2.24	1.94	0.00-5.38	4	4.44
<i>Tanaididae</i> spp.		6	18	16	8	11	59	11.80	4.58	1.78	6.12-17.48	1	20.14
<i>Alpheus</i> sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	35	0.34
<i>Periclimenes americanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.34
<i>Latreutes fucorum</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.34
<i>Pagurus stimpsoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.34
<i>Cephalochordata</i> spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	39	0.34
<i>Munnidae</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.34
<i>Amphilochus neopolitanus</i>		1	2	2	0	0	5	1.00	0.89	0.80	0.00-2.11	14	1.71
<i>Cerapus</i> n. sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	41	0.34
<i>Cymadusa compta</i>		0	6	0	1	1	8	1.60	2.24	3.15	0.00-4.38	8	2.73
<i>Erichthonius brasiliensis</i>		0	0	2	0	3	5	1.00	1.26	1.60	0.00-2.57	15	1.71
<i>Lembos spinicarpus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.34
<i>Corophium tuberculatum</i>		1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	19	1.37
<i>Podocerus brasiliensis</i>		1	6	0	0	0	7	1.40	2.33	3.89	0.00-4.29	11	2.39
<i>Lembos</i> sp. indet.		1	0	4	2	0	7	1.40	1.50	1.60	0.00-3.25	12	2.39
<i>Metopa</i> sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	43	0.34
<i>Rhepoxynius</i> sp. indet.		6	1	10	3	6	26	5.20	3.06	1.80	1.40-8.99	3	8.87
<i>Chevalia</i> n. sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.34
<i>Microproto wigleyi</i>		1	6	2	0	0	9	1.80	2.23	2.76	0.00-4.56	7	3.07
<i>Caprella peutaotis</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	27	0.68
<i>Pinnixa</i> sp. B		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.34
<i>Alaba incerta</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	28	0.68
<i>Brachidontes exustus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	46	0.34
<i>Bulla striata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.34
<i>Caecum pulchellum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.34
<i>Ervila concentrica</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	22	1.02
<i>Mactra fragilis</i>		0	1	1	2	1	5	1.00	0.63	0.40	0.21-1.78	16	1.71
<i>Musculus lateralis</i>		0	7	0	0	0	7	1.40	2.80	5.60	0.00-4.87	13	2.39
<i>Smaragdia viridis</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	23	1.02
<i>Solemya occidentalis</i>		0	1	13	8	5	27	5.40	4.76	4.19	0.00-11.30	2	9.22
<i>Strigilla carnaria</i>		2	0	1	2	0	5	1.00	0.89	0.80	0.00-2.11	17	1.71
<i>Tellina versicolor</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	49	0.34
<i>Tricolia affinis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	50	0.34

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
POLYCHAETA													
<i>Aricidea philbinae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.34
<i>Aricidea</i> n. sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.34
<i>Apoprionospio dayi</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	29	0.68
<i>Polydora plena</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	53	0.34
<i>Prionospio fallax</i>		0	0	2	3	5	10	2.00	1.90	1.80	0.00-4.35	5	3.41
<i>Prionospio heterobranchia</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	30	0.68
<i>Scolelepis (Scolelepis) texana</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	54	0.34
<i>pettiboneae</i>		0	0	0	1	4	5	1.00	1.55	2.40	0.00-2.92	18	1.71
<i>Poecilochaetus johnsoni</i>		0	0	1	2	5	8	1.60	1.85	2.15	0.00-3.90	9	2.73
<i>Spiochaetopterus costarum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	55	0.34
<i>Caulleriella alata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.34
<i>Capitellides jonesi</i>		0	2	0	2	4	8	1.60	1.50	1.40	0.00-3.45	10	2.73
<i>Mediomastus</i> sp.		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	24	1.02
<i>Notomastus hemipodus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.34
<i>Axiothella mucosa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	58	0.34
cf. <i>Eusyllis</i> sp. B		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	31	0.68
<i>Odontosyllis</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	59	0.34
<i>Platynereis dumerilii</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	60	0.34
<i>Glycera abbranchiata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.34
<i>Glycera tessellata</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	25	1.02
<i>Glycinde solitaria</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.34
<i>Lumbrineris</i> cf. <i>parvipedata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	32	0.68
<i>Lumbrineris verrilli</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.34
<i>Loimia medusa</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	33	0.68
<i>Chone americana</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	34	0.68
<i>Megalomma</i> n. sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.34
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		27	83	67	50	66	293	58.60	18.94	6.12			
Number of taxa		15	27	20	27	27	116	23.20	4.92				
Shannon-Weaver H' (log 10)		1.04	1.22	1.06	1.29	1.29	1.46	1.18	0.11				
Dominance (1 - Simpson Index)		0.91	0.92	0.88	0.95	0.94	0.93	0.92	0.01				

Benthic Organisms Collected During Phase II Quarter 3 at Station No. 15 (#60). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Nemertina</i> spp.		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	24	0.85
<i>Nematoda</i> spp.		1	0	8	0	0	9	1.00	3.12	5.42	0.00-5.67	16	1.90
<i>Copepoda</i> sp.		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	30	0.63
<i>Mysidopsis bigelowi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.21
<i>Cyclaspis varians</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.21
<i>Oxyurostylis smithi</i>		4	4	5	4	2	19	3.80	0.98	0.25	2.58-5.01	8	4.02
<i>Kalliapseudes</i> n. sp. A		0	3	2	2	0	7	1.40	1.20	1.03	0.00-2.88	17	1.48
<i>Ambidexter symmetricus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	47	0.21
<i>Processa hemphilli</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.21
<i>Pagurus macLaughlinae</i>		1	1	2	1	0	5	1.00	0.63	0.40	0.21-1.78	20	1.06
<i>Amphilocheus neopolitanus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.21
<i>Cerapus</i> n. sp.		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	31	0.63
<i>Cymadusa compta</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	36	0.42
<i>Erichthonius brasiliensis</i>		3	0	5	2	18	28	5.60	6.41	7.33	0.00-13.55	3	5.92
<i>Elasmopus mayo</i>		8	1	8	21	24	62	12.40	8.69	6.08	1.62-23.18	1	13.11
<i>Listriella barnardi</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	32	0.63
<i>Acuminodeutopus naglei</i>		5	2	4	0	2	13	2.60	1.74	1.17	0.44-4.76	11	2.75
<i>Ampelisca verilli</i>		0	5	0	0	0	5	1.00	2.00	4.00	0.00-3.48	21	1.06
<i>Lembos</i> sp. indet.		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	25	0.85
<i>Ophioderma</i> sp. B		6	0	1	1	5	13	2.60	2.42	2.25	0.00-5.60	12	2.75
<i>Acteocina canaliculata</i>		0	1	0	1	8	10	2.00	3.03	4.60	0.00-5.76	15	2.11
<i>Anomalocardia auberiana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.21
<i>Caecum pulchellum</i>		7	1	1	3	13	25	5.00	4.56	4.16	0.00-10.66	4	5.29
<i>Chione cancellata</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	37	0.42
<i>Diplodonta punctata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	38	0.42
<i>Haminoea succinea</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	39	0.42
<i>Lyonsia hyalina</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	40	0.42
<i>Mitrella lunata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	51	0.21
<i>Modiolus americanus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.21
<i>Mulinia lateralis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.21
<i>Nassarius vibex</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	26	0.85
<i>Solemya occidentalis</i>		5	0	0	0	0	5	1.00	2.00	4.00	0.00-3.48	22	1.06
<i>Tagelus divisus</i>		0	2	3	7	2	14	2.80	2.32	1.91	0.00-5.67	10	2.96
<i>Tellina versicolor</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.21
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		8	10	0	0	2	20	4.00	4.20	4.40	0.00-9.20	7	4.23
<i>Aricidea philbinae</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	41	0.42
<i>Minuspio cirrifera</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.21
<i>Paraprionospio pinnata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	42	0.42



Benthic Organisms Collected During Phase II Quarter 3 at Station No. 15 (#60)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Polydora plena</i>		0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.21	
<i>Prionospio heterobranchia</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	33	0.63
<i>Pseudopolydora cf. pulchra</i>		8	30	11	2	2	53	10.60	10.31	10.02	0.00-23.39	2	11.21
<i>Pseudopolydora sp.</i>		0	0	3	0	1	4	0.80	1.17	1.70	0.00-2.24	27	0.85
<i>Scolecopsis (Scolecopsis) texana</i>		2	3	3	0	4	11	2.40	1.36	0.77	0.72-4.08	13	2.54
<i>Spio pettiboneae</i>		2	4	8	2	0	16	3.20	2.71	2.30	0.00-6.56	9	3.38
<i>Poecilochaetus johnsoni</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	43	0.42
<i>Chaetopterus variopedatus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.21
<i>Spiochaetopterus costarum</i>		3	0	8	13	1	25	5.00	4.86	4.72	0.00-11.03	5	5.29
<i>Caulleriella alata</i>		1	1	1	0	1	4	0.80	0.40	0.20	0.30-1.29	28	0.85
<i>Tharyx annulosus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.21
<i>Capitellides giardi</i>		5	0	12	0	4	21	4.20	4.40	4.61	0.00-9.66	6	4.44
<i>Capitellides jonesi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	59	0.21
<i>Mediomastus sp.</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	34	0.63
<i>Gyptis brevipalpa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.21
<i>Streptosyllis pettiboneae</i>		2	0	5	0	0	7	1.40	1.96	2.74	0.00-3.83	18	1.48
<i>Typosyllis sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.21
<i>Glycera abbranchiata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.21
<i>Glycera tessellata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.21
<i>Glycinde solitaria</i>		1	2	1	1	0	5	1.00	0.63	0.40	0.21-1.78	23	1.06
<i>Lumbrineris latreilli</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.21
<i>Lumbrineris verrilli</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	35	0.63
<i>Schistomeringos rudolphi</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	44	0.42
<i>Pectinaria gouldi</i>		0	2	0	1	1	4	0.80	0.75	0.70	0.00-1.72	29	0.85
cf. <i>Lysilla sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	65	0.21
<i>Chone sp.</i>		2	1	3	4	1	11	2.20	1.17	0.62	0.75-3.64	14	2.33
<i>Fabricia sabella</i>		1	0	5	1	0	7	1.40	1.85	2.46	0.00-3.70	19	1.48
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		86	90	120	77	100	473	94.60	14.69	2.28			
Number of taxa		28	28	37	24	25	142	28.40	4.59				
Shannon-Weaver H' (log 10)		1.33	1.16	1.41	1.12	1.11	1.49	1.23	0.12				
Dominance (1 - Simpson Index)		0.95	0.97	0.96	0.89	0.89	0.95	0.91	0.01				

5.2.6.4. Quarter 4

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 1 (#3). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Anthozoa spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.45
Nematoda spp.		0	8	0	0	0	8	1.60	3.20	6.40	0.00-5.57	6	3.59
Copepoda sp.		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	22	0.90
Penaeidae post larva		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	34	0.45
<i>Thor floridanus</i>		0	4	3	0	0	7	1.40	1.74	2.17	0.00-3.56	8	3.14
<i>Pagurus macLaughlinae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.45
Chaetognatha spp.		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	23	0.90
<i>Cymodoce faxoni</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	15	1.35
<i>Erichsonella filiformis isabel.</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	24	0.90
<i>Elasmopus laevis</i>		1	6	0	10	0	17	3.40	3.98	4.66	0.00-8.34	4	7.62
<i>Lysianassa alba</i>		11	4	0	0	3	18	3.60	4.03	4.51	0.00-8.60	3	8.07
<i>Melita elongata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.45
<i>Acuminodeutopus naglei</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	25	0.90
<i>Lembos</i> sp. indet.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	37	0.45
<i>Brachidontes exustus</i>		2	0	0	5	1	8	1.60	1.85	2.15	0.00-3.90	7	3.59
<i>Bulla striata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	38	0.45
<i>Caecum pulchellum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.45
<i>Carditamera floridana</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	26	0.90
<i>Cerithium muscarum</i>		0	0	3	1	2	6	1.20	1.17	1.13	0.00-2.64	9	2.69
<i>Chione cancellata</i>		2	2	1	0	1	6	1.20	0.75	0.47	0.27-2.12	10	2.69
<i>Codakia orbiculata</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	27	0.90
<i>Crassispira leucocyma</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	40	0.45
<i>Cylindrobulla beauui</i>		3	0	0	0	2	5	1.00	1.26	1.60	0.00-2.57	12	2.24
<i>Granulina ovuliformis</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	28	0.90
<i>Ischnochiton papillosus</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	16	1.35
<i>Lucina nassula</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	41	0.45
<i>Marginella apicina</i>		1	0	0	1	2	4	0.80	0.75	0.70	0.00-1.72	13	1.79
<i>Modulus modulus</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	17	1.35
<i>Leptosynapta parvipatina</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.45
Holothuroidea sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.45
POLYCHAETES													
<i>Aricidea</i> cf. <i>taylori</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.45
<i>Aricidea</i> sp. D		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	18	1.35
<i>Paraonides</i> n. sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	29	0.90
<i>Prionospio heterobranchia</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	30	0.90
<i>Tharyx annulosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.45
<i>Capitellides giardi</i>		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	14	1.79

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 1 (#3)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Asychis elongata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.45
<i>Parahesion luteola</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	19	1.35
<i>Podarke obscura</i>		2	4	1	2	2	11	2.20	0.98	0.44	0.98-3.41	5	4.93
<i>Ehlersia</i> sp. A		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	31	0.90
<i>Ehlersia</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.45
<i>Syllides floridanus</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	20	1.35
<i>Typosyllis</i> sp. A		1	1	4	0	0	6	1.20	1.47	1.80	0.00-3.02	11	2.69
<i>Typosyllis</i> sp. O		8	0	0	10	3	21	4.20	4.12	4.04	0.00-9.31	2	9.42
<i>Ceratonereis longicirrata</i>		7	10	1	22	1	41	8.20	7.73	7.29	0.00-17.79	1	18.39
<i>Glycera abbranchiata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.45
<i>Lysidice ninetta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.45
<i>Marphysa sanguinea</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	32	0.90
<i>Schistomeringos rudolphi</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	21	1.35
cf. <i>Lanice</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.45
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		50	66	21	60	26	223	44.60	18.04	7.30			
Number of Taxa		21	26	12	16	18	93	18.60	4.72				
Shannon-Weaver H' (log 10)		1.13	1.27	1.00	0.88	1.21	1.41	1.10	0.14				
Dominance (1 - Simpson Index)		0.91	0.94	0.93	0.81	0.97	0.94	0.91	0.03				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 2 (#16). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Chondrilla nucula</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.09
<i>Darwinella</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	102	0.09
<i>Turbellaria</i> spp.		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	67	0.26
<i>Nemertina</i> spp.		11	6	8	4	1	30	6.00	3.41	1.93	1.77-10.22	8	2.55
<i>Nematoda</i> spp.		31	8	17	16	4	76	15.20	9.28	5.67	3.68-26.72	2	6.47
<i>Copepoda</i> spp.		3	0	2	3	0	8	1.60	1.36	1.15	0.00-3.28	35	0.68
<i>Myodocopa</i> spp.		5	3	0	6	0	14	2.80	2.48	2.20	0.00-5.80	17	1.19
<i>Podocopa</i> spp.		8	4	5	5	4	26	5.20	1.47	0.42	3.38-7.02	9	2.21
cf. <i>Bodotria</i> sp. B		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	103	0.09
<i>Campylaspis</i> sp. A		5	6	0	0	0	11	2.20	2.71	3.35	0.00-5.56	26	0.94
<i>Cumella agglutinata</i>		5	0	0	0	0	5	1.00	2.00	4.00	0.00-3.48	44	0.43
<i>Cumella</i> cf. <i>coralicola</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	82	0.17
<i>Cumella tripunctata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.09
<i>Neotanaiidae</i> spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	105	0.09
<i>Paratanaiidae</i> spp.		21	23	3	18	3	68	13.60	8.80	5.69	2.68-24.52	3	5.79
<i>Thor floridanus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.09
Insecta larva		2	1	1	1	0	5	1.00	0.63	0.40	0.21-1.78	45	0.43
<i>Pycnogonida</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.09
<i>Chaetognatha</i> spp.		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	68	0.26
<i>Carpias</i> sp. A		2	0	0	4	15	21	4.20	5.60	7.47	0.00-11.15	14	1.79
<i>Munnidae</i> sp. indet.		3	1	0	1	0	5	1.00	1.10	1.20	0.00-2.35	46	0.43
<i>Antias</i> cf. <i>milleri</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	69	0.26
<i>Flabellifera</i> sp. indet.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	108	0.09
<i>Limnoria platycaudata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	83	0.17
<i>Cirolanidae</i> sp. indet.		2	0	0	2	0	4	0.80	0.98	1.20	0.00-2.01	53	0.34
<i>Ceradomaera</i> n. sp.		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	70	0.26
? <i>Elasmopus</i> n. sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	109	0.09
<i>Elasmopus laevis</i>		0	6	0	3	5	14	2.80	2.48	2.20	0.00-5.88	18	1.19
<i>Leucothoe spinicarpa</i>		1	2	0	1	0	4	0.80	0.75	0.70	0.00-1.72	54	0.34
<i>Maera</i> n. sp.		1	2	0	0	0	3	0.60	0.80	1.07	0.00-1.59	71	0.26
<i>Protohadzia schoenerae</i>		0	0	0	0	5	5	1.00	2.00	4.00	0.00-3.48	47	0.43
<i>Lembos</i> sp. indet.		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	72	0.26
<i>Pseudaginella antiquae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	110	0.09
<i>Mithrax</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	111	0.09
<i>Amphiura palmeri</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	73	0.26
<i>Axiognathus squamatus</i>		0	0	0	3	2	5	1.00	1.26	1.60	0.00-2.57	48	0.43
<i>Ophiactis savignyi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	112	0.09
<i>Ophioderma brevispinum</i>		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	55	0.34
<i>Ophionereis reticulata</i>		6	3	5	5	3	22	4.40	1.20	0.33	2.91-5.88	12	1.87
<i>Ophiopsila riisei</i>		3	1	0	0	2	6	1.20	1.17	1.13	0.00-2.64	40	0.51
<i>Ophiostigma isacanthum</i>		3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	74	0.26
<i>Ophiothrix oerstedii</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	113	0.09
<i>Acanthochitona spiculosa</i>		2	5	4	1	0	12	2.40	1.85	1.43	0.10-4.70	24	1.02

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Actididae</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	114	0.09
<i>Arcopsis adamsi</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	75	0.26
<i>Astraea tecta americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	115	0.09
<i>Bulla striata</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	84	0.17
<i>Caecum plicatum</i>		3	2	2	10	6	23	4.60	3.07	2.05	0.79-8.41	11	1.96
<i>Caecum pulchellum</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	76	0.26
<i>Cerithiopsis greenii</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	116	0.09
<i>Cylindrobulla beauii</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	77	0.26
<i>Glycymeris pectinata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	117	0.09
<i>Granulina ovuliformis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	118	0.09
<i>Hyalina avena</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	119	0.09
<i>Ischnochiton papillosus</i>		2	1	0	0	1	4	0.80	0.75	0.70	0.00-1.72	56	0.34
<i>Laevicardium mortoni</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	120	0.09
<i>Mitrella argus</i>		3	1	0	0	0	4	0.80	1.17	1.70	0.00-2.24	57	0.34
<i>Marginella macgintyi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	121	0.09
<i>Parviturbo rehderi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	122	0.09
<i>Pleuromeris tridentata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	123	0.09
<i>Rissoina cancellata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	124	0.09
<i>Scissurella cingulata</i>		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	78	0.26
<i>Stenoplax limaciformis</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	85	0.17
<i>Tegula fasciata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	125	0.09
<i>Tricolia bella</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	86	0.17
<i>Vermicularia spirata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	126	0.09
<i>Vexillum gemmatum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	127	0.09
<i>Leptosynapta parvipatina</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	128	0.09
Holothuroidea sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	129	0.09
POLYCHAETES													
<i>Naineris laevigata</i>		4	4	4	0	2	14	2.80	1.60	0.91	0.81-4.78	19	1.19
<i>Naineris setosa</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	87	0.17
<i>Scoloplos (Scoloplos)</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	130	0.09
<i>Paraonides</i> n. sp.		1	3	0	2	0	6	1.20	1.17	1.13	0.00-2.64	41	0.51
<i>Paramides</i> sp. indet.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	131	0.09
<i>Questa caudicirra</i>		0	6	6	1	0	13	2.60	2.80	3.02	0.00-6.07	20	1.11
<i>Minuspio cirrifera</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	132	0.09
<i>Minuspio cirrobranchiata</i> cf. <i>Minuspio</i> sp.		2	1	1	0	0	4	0.80	0.75	0.70	0.00-1.72	58	0.34
<i>Prionospio heterobranchia</i> cf. <i>Prionospio</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	133	0.09
<i>Tharyx</i> sp.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	88	0.17
<i>Macrochaeta</i> sp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	134	0.09
<i>Decamastus</i> sp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	89	0.17
<i>Leiochrides pallidior</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	135	0.09
		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	136	0.09

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
near <i>Mastobranthus</i> sp.	1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	91	0.17
<i>Mediomastus</i> sp.	0	2	2	0	0	4	0.80	0.98	1.20	0.00-2.01	59	0.34
<i>Scyphoproctus</i> <i>platyproctus</i>	0	1	3	0	0	4	0.80	1.17	1.70	0.00-2.24	60	0.34
<i>Axiothella mucosa</i>	0	0	7	0	0	7	1.40	2.80	5.60	0.00-4.97	36	0.60
<i>Euclymene coronata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	137	0.09
Maldanidae undet. sp. B	0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	92	0.17
<i>Armandia maculata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	138	0.09
near <i>Asclerocheilus</i> sp.	0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	79	0.26
<i>Eulalia (Eumida)</i> <i>sanguinea</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	139	0.09
cf. <i>Hesionusa elongata</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	140	0.09
<i>Pholoe minuta</i>	2	0	6	0	2	10	2.00	2.19	2.40	0.00-4.71	30	0.85
<i>Chrysopetalum</i> <i>occidentale</i>	2	0	1	1	3	7	1.40	1.02	0.74	0.13-2.66	37	0.60
Chrysopetalidae undet. sp. A	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	141	0.09
cf. <i>Kefersteinia cirrata</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	93	0.17
<i>Parahesionia luteola</i>	0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	94	0.17
<i>Podarke obscura</i>	0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	90	0.26
<i>Autolytus</i> sp. A	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	142	0.09
<i>Branchiosyllis oculata</i>	0	0	4	1	0	5	1.00	1.55	2.40	0.00-2.92	49	0.43
<i>Brania</i> sp. A	1	2	8	0	0	11	2.20	2.99	4.07	0.00-5.91	27	0.94
<i>Ehlersia</i> sp. A	6	9	0	4	6	25	5.00	2.97	1.76	1.32-8.68	10	2.13
<i>Ehlersia</i> sp. B	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	143	0.09
<i>Ehlersia</i> sp. C	4	1	4	3	1	13	2.60	1.36	0.71	0.92-4.28	21	1.11
<i>Exogone arenosa</i>	32	27	38	19	17	133	26.60	7.86	2.32	16.84-36.36	1	11.32
<i>Exogone atlantica</i>	6	6	21	4	2	39	7.80	6.76	5.87	0.00-16.19	6	3.32
<i>Exogone dispar</i>	7	1	3	1	1	13	2.60	2.33	2.09	0.00-5.49	22	1.11
<i>Exogone verugera</i>	2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	61	0.34
<i>Haplosyllis spongicola</i>	9	19	3	4	0	35	7.00	6.66	6.34	0.00-15.27	7	2.98
cf. <i>Opisthodonta</i> sp.	1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	62	0.34
cf. <i>Opisthosyllis</i> sp.	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	144	0.09
<i>Parapionosyllis</i> <i>longicirrata</i>	1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	95	0.17
<i>Parasphaerosyllis</i> cf. <i>indica</i>	4	1	2	2	1	10	2.00	1.10	0.60	0.64-3.35	31	0.85
<i>Pionosyllis</i> cf. <i>uraga</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	145	0.09
<i>Plakosyllis quadrioculata</i>	1	2	2	0	0	5	1.00	0.89	0.80	0.00-2.11	50	0.43
<i>Pseudosyllides</i> <i>curacaoensis</i>	2	0	1	5	1	9	1.80	1.72	1.64	0.00-3.93	34	0.77
<i>Sphaerosyllis</i> spp.	15	5	30	4	2	56	11.20	10.42	9.69	0.00-24.13	4	4.77
<i>Syllides floridanus</i>	0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	96	0.17
<i>Syllis gracilis</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	146	0.09
<i>Typosyllis alternata</i>	0	1	10	6	0	17	3.40	3.98	4.66	0.00-8.34	16	1.45
<i>Typosyllis amularis</i>	2	0	2	1	0	5	1.00	0.89	0.80	0.00-2.11	51	0.43
<i>Typosyllis</i> sp. F	2	3	6	9	2	22	4.40	2.73	1.69	1.01-7.78	13	1.87
<i>Typosyllis</i> sp. J	3	3	0	0	0	6	1.20	1.47	1.80	0.00-3.02	42	0.51
<i>Typosyllis</i> sp. N	0	1	0	7	4	12	2.40	2.73	3.10	0.00-5.78	25	1.02

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 2 (#16)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
<i>Typosyllis</i> sp. P	6	4	0	0	0	10	2.00	2.53	3.20	0.00-5.14	32	0.85
<i>Typosyllis</i> sp. T	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	147	0.09
<i>Typosyllis</i> sp. U	0	2	1	0	1	4	0.80	0.75	0.70	0.00-1.72	63	0.34
<i>Typosyllis</i> sp. X	1	0	0	0	3	4	0.80	1.17	1.70	0.00-2.24	64	0.34
<i>Typosyllis</i> sp. Z	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	148	0.09
<i>Syllidae (Eusyllidae)</i> sp. B	1	1	5	0	0	7	1.40	1.85	2.46	0.00-3.70	38	0.60
<i>Syllidae (Eusyllidae)</i> sp. C	21	9	11	7	2	50	10.00	6.26	3.92	2.23-17.77	5	4.26
<i>Nereis (Nereis)</i> sp.	6	2	1	2	0	11	2.20	2.04	1.89	0.00-4.73	28	0.94
<i>Platynereis dumerilii</i>	0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	97	0.17
Nereidae juvenile	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	149	0.09
<i>Glycera abbranchiata</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	150	0.09
<i>Eurythoe complanata</i>	0	9	4	0	0	13	2.60	3.56	4.86	0.00-7.01	23	1.11
<i>Linopherus canariensis</i>	3	4	4	0	0	11	2.20	1.83	1.53	0.00-4.47	29	0.94
<i>Euphrosine triloba</i>	0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	98	0.17
<i>Eunice cariboea</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	151	0.09
<i>Eunice vittatopsis</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	152	0.09
<i>Nematonereis unicornis</i>	8	0	3	6	1	18	3.60	3.01	2.51	0.00-7.33	15	1.53
<i>Lumbrineris latreilli</i>	0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	65	0.34
<i>Lumbrineris</i> cf. <i>parvipedata</i>	5	0	0	0	0	5	1.00	2.00	4.00	0.00-3.48	52	0.43
<i>Arabella (C.)</i> <i>nultidentata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	153	0.09
<i>Drilonereis longa</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	154	0.09
<i>Dorvillea rubra</i>	0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	99	0.17
<i>Piromis eruca</i>	1	0	3	2	0	6	1.20	1.17	1.13	0.00-2.64	43	0.51
cf. <i>Amaeana accraensis</i>	2	1	3	3	1	10	2.00	0.89	0.40	0.89-3.11	33	0.85
cf. <i>Lanice</i> sp.	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	155	0.09
<i>Loimia medusa</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	156	0.09
<i>Polycirrus eximius</i>	0	1	1	0	2	4	0.80	0.75	0.70	0.00-1.72	66	0.34
<i>Polycirrus</i> sp.	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	157	0.09
<i>Scionides reticulata</i>	1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	100	0.17
<i>Fabricia sabella</i>	6	1	0	0	0	7	1.40	2.33	3.89	0.00-4.29	39	0.60
Sabellidae undet. sp. B	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	158	0.09
Sabellidae undet. sp. F	0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	81	0.26
<i>Pseudovermilia</i> <i>occidentalis</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	159	0.09
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
Totals		321	250	276	198	130	1175	235.00	65.87	18.46		
Number of taxa		78	83	64	56	54	335	67.00	11.63			
Shannon-Weaver H' (log 10)		1.63	1.66	1.53	1.55	1.54	1.79	1.58	0.05			
Dominance (1 - Simpson Index)		0.96	0.97	0.95	0.96	0.96	0.97	0.96	0.00			

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 3 (#22). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Nemertina</i> sp.		2	16	11	0	0	29	5.80	6.52	7.34	0.00-13.89	7	3.29
<i>Nematoda</i> spp.		2	51	0	1	0	54	10.90	20.11	37.46	0.00-35.77	3	6.12
<i>Copepoda</i> spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	31	0.11
<i>Myodocopa</i> spp.		2	11	1	5	8	27	5.40	3.72	2.56	0.78-10.01	9	3.06
<i>Podocopa</i> spp.		0	0	0	4	24	28	5.60	9.33	15.54	0.00-17.18	8	3.17
<i>Taphromysis bowmani</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	32	0.11
<i>Mysida</i> juvenile		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	33	0.11
<i>Cyclaspis</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.11
<i>Vaunthompsonia floridana</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	24	0.23
<i>Oxyurostylis smithi</i>		0	2	0	2	1	5	1.00	0.89	0.80	0.00-2.11	19	0.57
<i>Paratanaididae</i> spp.		3	3	1	0	3	10	2.00	1.26	0.80	0.43-3.57	15	1.13
<i>Carpias</i> sp. A		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	25	0.23
<i>Apanthura magnifica</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	35	0.11
<i>Xenanthura brevitelson</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	26	0.23
<i>Edotia montosa</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	27	0.23
<i>Ampelisca abdita</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	36	0.11
<i>Cerapus</i> n. sp.		4	13	13	0	1	31	6.20	5.71	5.25	0.00-13.28	6	3.51
<i>Lembos unicornis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.11
<i>Acuminodeutopus naglei</i>		0	16	4	1	0	21	4.20	6.08	8.80	0.00-11.74	11	2.38
<i>Ampelisca verilli</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	22	0.34
<i>Synchelidium americanum</i>		0	2	0	0	1	3	0.60	0.80	1.07	0.00-1.59	23	0.34
<i>Ophiophragmus pulcher</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	38	0.11
<i>Acteocina canaliculata</i>		0	3	0	3	4	10	2.00	1.67	1.40	0.00-4.07	16	1.13
<i>Caecum pulchellum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	39	0.11
<i>Macoma</i> sp. A		1	12	3	20	7	43	8.60	6.83	5.42	0.12-17.07	4	4.88
<i>Marginella apicina</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.11
<i>Meioceras nitida</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.11
<i>Odostomia</i> sp.		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	28	0.23
<i>Parastarte triquetra</i>		0	6	3	2	2	13	2.60	1.96	1.48	0.17-5.03	14	1.47
<i>Parvilucina multilineata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	29	0.23
<i>Tellina versicolor</i>		0	0	2	3	2	7	1.40	1.20	1.03	0.00-2.88	18	0.79

#### POLYCHAETES

<i>Haploscoloplos foliosus</i>		2	4	2	3	3	14	2.80	0.75	0.20	1.87-3.72	13	1.59
<i>Aricidea philbinae</i>		0	2	0	2	0	4	0.80	0.98	1.20	0.00-2.01	20	0.45
<i>Aricidea</i> sp. C		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.11
<i>Paraonides</i> n. sp.		11	29	17	16	32	105	21.00	8.07	3.10	10.96-31.02	2	11.90
<i>Prionospio heterobranchia</i>		2	11	3	11	11	38	7.60	4.18	2.29	2.42-12.78	5	4.31
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	43	0.11



Benthic Organisms Collected During Phase II Quarter 4 at Station No. 3 (#22)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Pseudopolydora</i> sp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	44	0.11
<i>Scolelepis</i> ( <i>Scolelepis</i> ) <i>texana</i>		0	5	4	6	4	19	3.80	2.04	1.09	1.27-6.33	12	2.15
<i>Spio</i> <i>pettiboneae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.11
<i>Caulleriella</i> <i>alata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	46	0.11
<i>Capitellides</i> <i>giardi</i>		51	146	16	62	69	344	68.80	42.69	26.48	15.81-121.79	1	39.00
<i>Phyllodoce</i> (N.) <i>fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.11
<i>Sthenelais</i> <i>boa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.11
<i>Podarke</i> <i>obscura</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	30	0.23
<i>Exogone</i> <i>verugera</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.11
<i>Syllides</i> <i>floridanus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	50	0.11
<i>Laeonereis</i> <i>culveri</i>		1	9	5	9	3	27	5.40	3.20	1.90	1.43-9.37	10	3.06
<i>Nereis</i> ( <i>Neanthes</i> ) <i>acuminata</i>		2	2	1	1	2	8	1.60	0.49	0.15	0.99-2.20	17	0.91
<i>Linopherus</i> <i>canariensis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.11
<i>Lumbrineris</i> <i>verrilli</i>		1	2	0	0	1	4	0.80	0.75	0.70	0.00-1.72	21	0.45
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		89	358	91	158	186	882	176.40	96.33	54.81			
Number of taxa		18	30	20	23	26	117	23.40	4.27				
Shannon-Weaver H' (log 10)		0.76	0.99	1.08	0.97	0.96	1.08	0.95	0.11				
Dominance (1 - Simpson Index)		0.66	0.80	0.90	0.81	0.81	0.82	0.80	0.01				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 4 (#23). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona molitba</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	40	0.42
<i>Chondrilla nucula</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	24	0.84
<i>Dysidea</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	41	0.42
Nemertina spp.		0	0	0	4	10	14	2.80	3.92	5.49	0.00-7.66	3	5.91
Nematoda spp.		3	0	0	4	1	8	1.60	1.62	1.65	0.00-3.61	6	3.38
<i>Phascolion cryptus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.42
Myodocopa spp.		0	4	1	2	1	8	1.60	1.36	1.15	0.00-3.28	7	3.38
Podocopa spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.42
Cumacea sp. J		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.42
Paratanaididae sp.		0	2	2	3	6	13	2.60	1.96	1.48	0.17-5.03	4	5.49
Decapod larva		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	45	0.42
<i>Periclimenes americanus</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	25	0.84
<i>Alpheus normanni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	46	0.42
<i>Latreutes fucorum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.42
<i>Limnoria platycaudata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	48	0.42
<i>Ampelisca abdita</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	26	0.84
<i>Carinobatea carinata</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	27	0.84
<i>Elasmopus laevis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	49	0.42
<i>Leucothoe spinicarpa</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	50	0.42
<i>Lysianassa alba</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.42
<i>Paraphoxus spinosus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	52	0.42
<i>Protohadzia schoenerae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	53	0.42
<i>Amphiodia pulchella</i>		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	17	1.27
<i>Anadara notabilis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.42
<i>Caecum pulchellum</i>		0	6	1	0	3	10	2.00	2.28	2.60	0.00-4.83	5	4.22
<i>Codakia orbiculata</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	28	0.84
<i>Ischnochiton papillosus</i>		0	0	2	0	2	4	0.80	0.98	1.20	0.00-2.01	13	1.69
<i>Laevicardium mortoni</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.42
<i>Nassarius albus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.42
<i>Nucula proxima</i>		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	18	1.27
<i>Parvilucina multilineata</i>		0	0	2	1	0	3	0.60	0.90	1.07	0.00-1.59	19	1.27
<i>Tellina similis</i>		0	2	1	0	0	3	0.60	0.00	1.07	0.00-1.59	20	1.27
<i>Vermicularia spirata</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	29	0.84

POLYCHAETES

<i>Naineris setosa</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	57	0.42
<i>Aricidea fragilis</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	30	0.84
<i>Aricidea</i> n. sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.42
<i>Cirrophorus</i> sp.		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	31	0.84
<i>Paraonides</i> n. sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.42
<i>Laonice cirrata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	60	0.42
<i>Minuspio cirrifera</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	61	0.42
<i>Prionospio cristata</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	32	0.84

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Prionospio heterobranchia</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	62	0.42
<i>Prionospio cf. steenstrupi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	63	0.42
<i>Magelona pettiboneae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.42
<i>Magelona sp. A</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.42
<i>Caulleriella alata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.42
<i>cf. Caulleriella killariensis</i>		5	2	5	3	3	18	3.60	1.20	0.40	2.11-5.08	1	7.59
<i>Cirriformia sp. B</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	67	0.42
<i>Capitellides giardi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	68	0.42
<i>Dasybranchus lunulatus</i>		1	1	1	0	3	6	1.20	0.98	0.80	0.00-2.41	11	2.53
<i>cf. Decamastus sp. near Mastobranchus sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	69	0.42
<i>Mediomastus sp.</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	33	0.84
<i>Notomastus hemipodus near Pseudoleio-capitella sp.</i>		1	0	1	0	2	4	0.80	0.75	0.70	0.00-1.72	14	1.69
<i>Capitellidae undet. sp. B</i>		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	15	1.69
<i>Armandia maculata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	35	0.84
<i>Polynoidae undet. sp. D</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	71	0.42
<i>Sthenelais boa</i>		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	72	0.42
<i>Chrysopetalum occidentale</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.42
<i>Gyptis brevipalpa</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	74	0.42
<i>Leocrates chinensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.42
<i>Podarke obscura</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	76	0.42
<i>Loandalia sp.</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.42
<i>Branchiosyllis oculata</i>		0	2	0	0	3	5	1.00	1.26	1.60	0.00-2.57	12	2.11
<i>Ehlersia sp. A</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	36	0.84
<i>Exogone arenosa</i>		1	0	1	0	1	3	0.60	0.49	0.40	0.00-1.20	21	1.27
<i>Exogone dispar</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.42
<i>Sphaerosyllis spp.</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	22	1.27
<i>Syllidae (Eusyllidae) sp. B</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	37	0.84
<i>Ceratocephale sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.42
<i>Ceratonereis irritabilis</i>		0	0	0	0	1	1	0.20	0.40	0.90	0.00-0.69	80	0.42
<i>Nereis (Neanthes) acuminata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	81	0.42
<i>Inermonephtys inermis</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	38	0.84
<i>Eunice vittatopsis</i>		1	3	5	1	5	15	3.00	1.79	1.07	0.70-5.22	2	6.33
<i>Lysidice ninetta</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	82	0.42
<i>Nematonereis unicornis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.42
<i>Lumbrineris latreilli</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.42
<i>Lumbrineris cf. parvipedata</i>		0	0	3	4	0	7	1.40	1.74	2.17	0.00-3.56	10	2.95
<i>Lumbrineris verrilli</i>		1	0	1	6	0	8	1.60	2.24	3.15	0.00-4.38	8	3.38
<i>Dorvillea rubra</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	39	0.84

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 4 (#23)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Schistomeringos</i> cf. <i>pectinata</i>		1	2	2	2	1	8	1.60	0.49	0.15	0.99-2.20	9	3.38
<i>Schistomeringos</i> <i>rudolphi</i>		0	0	0	1	3	4	0.80	1.17	1.70	0.00-2.24	16	1.69
<i>Piromis</i> <i>eruca</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	23	1.27
cf. <i>Amaeana</i> <i>accraensis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.42
<i>Branchiomma</i> <i>nigromaculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.42
<i>Fabricia</i> <i>sabella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.42
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		30	33	47	50	77	237	47.40	16.69	5.88			
Number of taxa		22	18	33	30	40	143	28.60	7.84				
Shannon-Weaver H' (log 10)		1.27	1.17	1.44	1.38	1.48	1.73	1.35	0.12				
Dominance (1 - Simpson Index)		0.96	0.95	0.98	0.97	0.97	0.98	0.96	0.00				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 6 (#35). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Chondrilla nucula</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.10
Anthozoa spp.		2	0	3	1	3	9	1.80	1.17	0.76	0.35-3.24	25	0.88
Turbellaria spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	49	0.20
Nemertina spp.		20	0	3	1	6	30	6.00	7.29	8.97	0.00-15.05	9	2.94
Nematoda spp.		9	2	4	4	0	19	3.80	2.99	2.36	0.08-7-91	13	1.86
<i>Phascolion cryptus</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	50	0.20
Myodocopa spp.		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	51	0.20
Paratanaidae spp.		13	14	72	22	39	160	32.00	22.06	15.21	4.61-59.39	1	15.67
<i>Alpheus normanni</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.10
<i>Pagurus macLaughlinae</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.10
<i>Carpis</i> sp. A		4	8	15	0	9	36	7.20	5.04	3.52	0.95-13.45	6	3.53
<i>Paracerceis caudata</i>		2	2	3	2	1	10	2.00	0.63	0.20	1.21-2.78	23	0.96
<i>Xenanthura brevitelson</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	52	0.20
<i>Ampelisca vadorum</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.10
<i>Batea catharinensis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.10
<i>Cerapus</i> n. sp.		0	1	7	7	25	40	8.00	8.99	10.10	0.00-19.15	5	3.92
<i>Chevalia aviculae</i>		0	0	6	0	6	12	2.40	2.94	3.60	0.00-6.04	19	1.18
<i>Cymadusa compta</i>		2	0	10	3	0	15	3.00	3.69	4.53	0.00-7.57	14	1.47
<i>Dulichella appendiculata</i>		1	0	23	6	4	34	6.80	8.38	10.32	0.00-17.19	7	3.33
<i>Elasmopus laevis</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	40	0.29
<i>Erichthonius brasiliensis</i>		0	4	17	7	76	104	20.80	28.17	38.14	0.00-55.76	3	10.19
<i>Lembos unicornis</i>		0	4	0	0	0	4	0.80	1.60	3.20	0.00-2.78	34	0.39
<i>Lysianassa alba</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	53	0.20
<i>Paraphoxus spinosus</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	41	0.29
<i>Lembos</i> sp. indet.		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	42	0.29
<i>Caprella equilibra</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	35	0.39
<i>Pseudaginella antiquae</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	72	0.10
Xanthidae sp. indet.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.10
<i>Amphiodia pulchella</i>		3	5	1	3	3	15	3.00	1.26	0.53	1.43-4.57	15	1.47
<i>Amphioplus abdita</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.10
<i>Acteocina canaliculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.10
<i>Caecum pulchellum</i>		59	28	10	9	30	136	27.20	18.15	12.11	4.67-49.73	2	13.32
<i>Cantharus multangulus</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	54	0.20
<i>Chione cancellata</i>		2	1	1	4	1	9	1.80	1.17	0.76	0.35-3.24	26	0.88
<i>Crepidula maculosa</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	55	0.20
<i>Cumingia tellinoides</i>		2	0	2	2	0	6	1.20	0.98	0.80	0.00-2.41	29	0.59
Dorididae sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.10
<i>Elysia</i> sp. A		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	43	0.29
<i>Galeommatacea</i> sp. B		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	44	0.29
<i>Haminoea succinea</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	77	0.10
<i>Ischnochiton papillosus</i>		1	6	5	0	2	14	2.80	2.32	1.91	0.00-5.67	16	1.37
<i>Laevicardium mortoni</i>		1	0	0	0	3	4	0.90	1.17	1.70	0.00-2.24	36	0.39
<i>Marginella apicina</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	56	0.20

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
<i>Meioceras nitida</i>	8	19	9	1	9	46	9.20	5.74	3.58	2.07-16.32	4	4.51
<i>Modiolus modiolus</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	78	0.10
<i>squamatus</i>												
<i>Nucula proxima</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	79	0.10
<i>Olivella perplexa</i>	0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	57	0.20
<i>Parvilucina multilineata</i>	0	2	3	2	1	8	1.60	1.02	0.65	0.33-2.86	27	0.78
<i>Pinctada imbricata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.10
<i>Pitar simpsoni</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.10
<i>Rissoina catesbyana</i>	17	0	8	0	0	25	5.00	6.75	9.12	0.00-13.38	10	2.45
<i>Tellina versicolor</i>	3	0	3	4	4	14	2.80	1.47	0.77	0.90-4.62	17	1.37
<i>Opsanus beta</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	82	0.10

POLYCHAETES

<i>Haploscoloplos foliosus</i>	0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	58	0.20
<i>Naineris setosa</i>	0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	45	0.29
<i>Scoloplos (Leodamus)</i>	0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	59	0.20
<i>rubra</i>												
<i>Aricidea philbinae</i>	7	12	1	1	0	21	4.20	4.62	5.09	0.00-9.93	12	2.06
<i>Aricidea sp. C</i>	1	4	0	0	0	5	1.00	1.55	2.40	0.00-2.92	32	0.49
<i>Paraonides n. sp.</i>	3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	46	0.29
<i>Minuspio cirrifera</i>	3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	37	0.39
<i>Prionospio</i>	1	9	2	0	2	14	2.80	3.19	3.63	0.00-6.75	18	1.37
<i>heterobranchia</i>												
<i>Polydora ligni</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.10
<i>Pseudopolydora sp.</i>	9	3	0	0	0	12	2.40	3.50	5.10	0.00-6.74	20	1.18
<i>Caulleriella alata</i>	5	4	1	0	1	11	2.20	1.94	1.71	0.00-4.60	22	1.08
cf. <i>Caulleriella</i>	8	8	0	3	4	23	4.60	3.07	2.05	0.79-6.41	11	2.25
<i>killariensis</i>												
<i>Cirriformia sp. B</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.10
<i>Tharyx annulosus</i>	0	7	0	0	0	7	1.40	2.80	5.60	0.00-4.87	28	0.69
<i>Mediomastus sp.</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	85	0.10
<i>Squamatus platyproctus</i>	1	0	4	3	2	10	2.00	1.41	1.00	0.24-3.75	24	0.98
<i>Asychie elongata</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.10
<i>Phyllodoce (N.) fragilis</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	87	0.10
Polynoidae undet. sp. D	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.10
<i>Sthenelais boa</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	89	0.10
<i>Parahesion luteola</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	90	0.10
<i>Podarke obscura</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.10
<i>Branchiosyllis oculata</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	60	0.20
<i>Brania sp. A</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	61	0.20
<i>Exogone arenosa</i>	3	1	1	0	0	5	1.00	1.10	1.20	0.00-2.35	33	0.49
<i>Exogone dispar</i>	5	2	2	2	1	12	2.40	1.36	0.77	0.72-4.08	21	1.18
<i>Sphaerosyllis spp.</i>	3	0	0	0	0	3	0.60	1.20	2.40	0.00-2.08	47	0.29
<i>Syllides spp.</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	62	0.20
<i>Typosyllis annularis</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	63	0.20
<i>Ceratonereis irritabilis</i>	3	1	0	0	0	4	0.80	1.17	1.70	0.00-2.24	38	0.39
<i>Platynereis dumerilii</i>	0	0	2	1	1	4	0.80	0.75	0.70	0.00-1.72	39	0.39
<i>Glycera abbranchiata</i>	0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	48	0.29

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 6 (#35)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Glycera cf. americana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.10
<i>Glycinde solitaria</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	64	0.20
<i>Lumbrineris verrilli</i>		3	1	0	2	0	6	1.20	1.17	1.13	0.00-2.64	30	0.59
<i>Schistomeringos rudolphi</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	65	0.20
<i>Piromis eruca</i>		2	0	3	0	1	6	1.20	1.17	1.13	0.00-2.64	31	0.59
<i>Melinna maculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	93	0.10
<i>Terebellides stroemi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.10
<i>Branchiomma nigromaculata</i>		5	4	9	5	8	31	6.20	1.94	0.61	3.79-8.60	8	3.04
<i>Fabricia sabella</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	66	0.20
<i>Spirorbis sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	95	0.10
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		234	171	239	116	261	1021	204.20	53.30	13.91			
Number of taxa		52	41	38	40	40	211	42.20	5.00				
Shannon-Weaver H' (log 10)		1.37	1.36	1.22	1.40	1.14	1.49	1.30	0.10				
Dominance (1 - Simpson Index)		0.91	0.94	0.88	0.94	0.87	0.94	0.91	0.02				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 7 (#39). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Nemertina sp.		4	2	1	2	0	9	1.80	1.33	0.98	0.15-3.44	8	2.05
Nematoda spp.		11	0	4	0	0	15	3.00	4.29	6.13	0.00-8.32	5	3.42
<i>Phascolion caupo</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.23
<i>Phascolion cryptus</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	18	0.68
Copepoda spp.		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	27	0.46
Myodocopa sp.		59	0	12	25	17	113	22.60	19.93	17.57	0.00-47.33	1	25.74
Mancocuma sp. A		4	0	3	1	1	9	1.80	1.47	1.20	0.00-3.62	9	2.05
<i>Vaunthompsonia minor</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.23
Chaetognatha spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	38	0.23
<i>Ampelisca vadorum</i>		2	1	0	3	2	8	1.60	1.02	0.65	0.33-2.86	11	1.82
<i>Monoculodes nyei</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	39	0.23
<i>Micropholis gracillima</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	28	0.46
<i>Ophionephthys limicola</i>		1	3	1	3	3	11	2.20	0.98	0.44	0.9G-3.41	7	2.51
<i>Acteocina canaliculata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.23
<i>Caecum pulchellum</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	19	0.68
<i>Corbula contracta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.23
<i>Diplodonta punctata</i>		2	3	0	2	1	8	1.60	1.02	0.65	0.33-2.86	12	1.82
<i>Galeommatacea</i> sp. B		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	20	0.68
<i>Haminoea succinea</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	21	0.68
<i>Laevicardium mortoni</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	29	0.46
<i>Lucina pectinata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.23
<i>Nucula proxima</i>		1	5	0	1	0	7	1.40	1.85	2.46	0.00-3.70	13	1.59
<i>Olivella perplexa</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	30	0.46
<i>Parvilucina multilineata</i>		1	5	0	4	3	13	2.60	1.85	1.32	0.30-4.90	6	2.96
<i>Strombiformis hemphilli</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	31	0.46
<i>Tagelus divisus</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	22	0.68
<i>Tellina versicolor</i>		2	3	0	1	1	7	1.40	1.02	0.74	0.13-2.66	14	1.59

POLYCHAETES

<i>Scoloplos (Leodamus) rubra</i>		1	1	0	2	0	4	0.80	0.75	0.70	0.00-1.72	16	0.91
<i>Scoloplos (Scoloplos) texana</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	32	0.46
<i>Aricidea fragilis</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	23	0.68
<i>Aricidea</i> sp. C		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	43	0.23
<i>Paraonides</i> n. sp.		68	4	8	4	1	85	17.00	25.60	38.54	0.00-48.77	2	19.36
<i>Minuspio cirrifera</i>		1	3	0	0	0	4	0.80	1.17	1.70	0.00-2.24	17	0.91
<i>Prionospio heterobranchia</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	33	0.46
<i>Tharyx annulosus</i>		4	3	0	2	0	9	1.80	1.60	1.42	0.00-3.78	10	2.05
<i>Dasybranchus lunulatus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.23
cf. <i>Decamastus</i> sp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	34	0.46



Benthic Organisms Collected During Phase II Quarter 4 at Station No. 7 (#39)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Notomastus hemipodus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.23
<i>Paraleiocapitella mossambica</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.23
<i>Praxillella</i> sp.		9	3	3	12	7	34	6.80	3.49	1.79	2.47-11.12	3	7.74
<i>Polynoidae</i> undet. sp. D		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	24	0.68
<i>Polydontes</i> sp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.23
<i>Sthenelais limicola</i>		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	25	0.68
<i>Gyptis</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	48	0.23
<i>Brania</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.23
<i>Exogone dispar</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	50	0.23
<i>Sphaerosyllis</i> spp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.23
<i>Glycinde nordmanni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.23
<i>Glycinde solitaria</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	53	0.23
<i>Lumbrineris cruzensis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	54	0.23
<i>Lumbrineris</i> cf. <i>parvipedata</i>		2	2	1	1	0	6	1.20	0.75	0.47	0.27-2.12	15	1.37
<i>Lumbrineris verrilli</i>		5	6	1	12	8	32	6.40	3.61	2.04	1.92-10.88	4	7.29
<i>Schistomeringos rudolphi</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	55	0.23
<i>Fabricia sabella</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	26	0.68
<i>Sabella variegata</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	35	0.46
Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.			
Totals		196	59	37	93	54	439	87.80	57.07	37.10			
Number of taxa		34	28	12	28	20	1.22	24.40	7.63				
Shannon-Weaver H' (log 10)		0.95	1.36	0.88	1.17	1.04	1.23	1.08	0.17				
Dominance (1 - Simpson Index)		0.78	0.96	0.84	0.89	0.87	0.88	0.87	0.00				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 8 (#41). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Turbellaria</i> spp.		0	0	0	2	4	6	1.20	1.60	2.13	0.00-3.18	27	0.69
<i>Nemertina</i> spp.		2	1	3	4	2	12	2.40	1.02	0.43	1.13-3.66	14	1.38
<i>Nematoda</i> spp.		3	0	1	0	0	4	0.80	1.17	1.70	0.00-2.24	33	0.46
<i>Copepoda</i> spp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.11
<i>Myodocopa</i> spp.		0	1	1	0	3	5	1.00	1.10	1.20	0.00-2.35	28	0.57
<i>Cumella tripunctata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	58	0.23
<i>Paratanaididae</i> spp.		3	6	7	5	13	34	6.80	3.37	1.67	2.62-10.98	5	3.90
<i>Kalliapseudes</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	77	0.11
<i>Periclimenes americanus</i>		0	0	0	2	0	2	0.40	0.00	1.60	0.00-1.39	59	0.23
<i>Alpheus normanni</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	42	0.34
<i>Hippolytidae</i> post larva		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	78	0.11
<i>Hippolyte zostericola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.11
<i>Tunicata</i> spp.		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	60	0.23
<i>Carpas</i> sp. A		1	1	0	0	1	3	0.60	0.49	0.40	0.00-1.20	43	0.34
<i>Paracerceis caudata</i>		0	1	0	7	2	10	2.00	2.61	3.40	0.00-5.23	16	1.15
<i>Apanthura magnifica</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.11
<i>Xenanthura brevitelson</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	61	0.23
<i>Erichsonella filiformis isabel.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.11
<i>Cerapus</i> n. sp.		1	8	2	1	0	12	2.40	2.87	3.43	0.00-5.96	15	1.38
<i>Cymadusa compta</i>		0	0	0	2	2	4	0.80	0.98	1.20	0.00-2.01	34	0.46
<i>Lembos rectangulatus</i>		2	1	0	0	0	3	0.60	0.80	1.07	0.00-1.59	44	0.34
<i>Lembos unicornis</i>		0	8	5	10	5	28	5.60	3.38	2.04	1.40-9.79	7	3.21
<i>Lysianassa alba</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	62	0.23
<i>Paraphoxus spinosus</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	45	0.34
<i>Photis pugnator</i>		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	35	0.46
<i>Corophium tuberculatum</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	36	0.46
<i>Lembos</i> sp. indet.		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	46	0.34
<i>Neopanope packardii</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	63	0.23
<i>Amphiodia pulchella</i>		2	3	4	4	4	17	3.40	0.80	0.19	2.41-4.39	10	1.95
<i>Ophiactis savignyi</i>		1	0	2	1	1	5	1.00	0.63	0.40	0.21-1.78	29	0.57
<i>Acteocina canaliculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.11
<i>Anomia simplex</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.11
<i>Bulla striata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	64	0.23
<i>Caecum pulchellum</i>		11	24	39	68	27	169	33.80	19.28	11.00	9.86-57.73	1	19.38
<i>Cantharus multangulus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	84	0.11
<i>Chione cancellata</i>		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	37	0.46
<i>Cumingia tellinoides</i>		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	38	0.46
<i>Dorididae</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.11
<i>Eupleura sulcidentata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	86	0.11
<i>Galeommatacea</i> sp. B		0	0	3	0	0	11	2.20	3.12	4.44	0.00-6.07	17	1.26
<i>Gastropteron</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	87	0.11
<i>Haminoea succinea</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	47	0.34

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Hyalina veliei</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.11
<i>Lima pellucida</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.11
<i>Linga amiantus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	90	0.11
<i>Meioceras nitida</i>		4	26	8	27	32	97	19.40	11.20	6.47	5.50-33.30	2	11.12
<i>Modiolus modiolus squamosus</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	65	0.23
<i>Nucula proxima</i>		1	3	2	2	5	13	2.60	1.36	0.71	0.92-4.28	12	1.49
<i>Odostomia</i> sp. F		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	91	0.11
<i>Olivella perplexa</i>		0	5	0	0	0	5	1.00	2.00	4.00	0.00-3.48	30	0.57
<i>Parvilucina multilineata</i>		2	7	13	5	11	38	7.60	3.98	2.08	2.66-12.54	4	4.36
<i>Pitar simpsoni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	92	0.11
<i>Rissoina catesbyana</i>		0	2	31	0	1	34	6.80	12.12	21.61	0.00-21.84	6	3.90
<i>Solemya occidentalis</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	48	0.34
<i>Tellina versicolor</i>		0	7	1	10	3	21	4.20	3.76	3.37	0.00-8.87	9	2.41
<i>Lytechinus variegatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.11
Holothuroidea sp. A		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	49	0.34
<i>Opsanus beta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	94	0.11

POLYCHAETES

<i>Scoloplos (Leodamus) rubra</i>		1	4	2	3	3	13	2.60	1.02	0.40	1.33-3.86	13	1.49
<i>Aricidea fragilis</i>		3	1	0	2	1	7	1.40	1.02	0.74	0.13-2.66	24	0.80
<i>Aricidea philbinae</i>		1	6	1	3	1	12	2.40	1.96	1.60	0.00-4.83	16	1.38
<i>Aricidea</i> sp. C		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	50	0.34
<i>Paraonides</i> n. sp.		5	0	1	1	1	8	1.60	1.74	1.90	0.00-3.76	23	0.92
<i>Minuspio cirrifera</i>		2	1	2	2	2	9	1.80	0.40	0.09	1.30-2.29	20	1.03
<i>Prionospio cristata</i>		0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	39	0.46
<i>Prionospio heterobranchia</i>		1	1	0	6	2	10	2.00	2.10	2.20	0.00-4.60	19	1.15
<i>Scolecopsis (Scolecopsis) texana</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	51	0.34
<i>Magelona pettiboneae</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	66	0.23
<i>Caulleriella alata</i>		8	17	10	19	2	56	11.20	6.18	3.41	3.53-18.86	3	6.42
cf. <i>Cirriformia</i> sp. A		1	4	2	0	0	7	1.40	1.50	1.60	0.00-3.25	25	0.80
<i>Cirriformia</i> sp. B		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	67	0.23
<i>Tharyx annulosus</i>		0	2	2	1	0	5	1.00	0.89	0.80	0.00-2.11	31	0.57
cf. <i>Tharyx</i> sp.		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	95	0.11
<i>Capitella capitata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.11
<i>Capitellides jonesi</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	68	0.23
near <i>Mastobranchus</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	97	0.11
<i>Mediomastus</i> sp.		4	5	4	1	0	14	2.80	1.94	1.34	0.39-5.20	11	1.61
<i>Notomastus hemipodus</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	52	0.34
<i>Scyphoproctus platyproctus</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	53	0.34
Capitellidae undet. sp. B		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	98	0.11
<i>Axiiothella mucosa</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.11
<i>Armandia maculata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	100	0.11

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 8 (#41)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Eulalia (Eumida) sanguinea</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	54	0.34
<i>Phyllodoce (N.) fragilis</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	55	0.34
<i>Podarke obscura</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	101	0.11
<i>Ancistrosyllis jonesi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	102	0.11
<i>Ehlersia sp. A</i>		3	0	0	1	1	5	1.00	1.10	1.20	0.00-2.35	32	0.57
<i>Exogone atlantica</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.11
<i>Exogone dispar</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	69	0.23
<i>Exogone verugera</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	70	0.23
<i>Odontosyllis sp. A</i>		1	0	0	3	0	4	0.80	1.17	1.70	0.00-2.24	40	0.46
<i>Sphaerosyllis spp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	104	0.11
<i>Syllides floridanus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.11
<i>Typosyllis annularis</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	71	0.23
Syllidae (Eusyllidae) sp. C		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.11
<i>Nereis (Neanthes) acuminata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	72	0.23
<i>Platynereis dumerilii</i>		1	0	1	1	1	4	0.40	0.40	0.20	0.30-1.29	41	0.46
<i>Glycera abbranchiata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	73	0.23
<i>Glycinde solitaria</i>		0	0	2	4	1	7	1.40	1.50	1.60	0.00-3.25	26	0.80
<i>Diopatra cuprea</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	107	0.11
<i>Lumbrineris latreilli</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	108	0.11
<i>Lumbrineris verrilli</i>		2	4	1	2	0	9	1.80	1.33	0.98	0.15-3.44	21	1.03
<i>Galathowenia africana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	109	0.11
<i>Owenia fusiformis</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	74	0.23
<i>Piromis eruca</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	56	0.34
<i>Melinna maculata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	75	0.23
cf. <i>Amaeana accraensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	110	0.11
<i>Polycirrus eximius</i>		0	2	0	2	5	9	1.80	1.83	1.87	0.00-4.07	22	1.03
<i>Streblosoma hartmanae</i>		0	1	0	0	2	3	0.60	0.80	1.07	0.00-1.59	57	0.34
<i>Terebellides stroemi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	111	0.11
<i>Branchiomma nigromaculata</i>		0	5	5	14	4	28	5.60	4.59	3.76	0.00-11.29	8	3.21
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		70	188	178	278	158	872	174.40	66.48	25.34			
Number of taxa		29	50	48	70	40	237	47.40	13.50				
Shannon-Weaver H' (log 10)		1.33	1.45	1.31	1.45	1.30	1.56	1.37	0.07				
Dominance (1 - Simpson Index)		0.95	0.95	0.91	0.92	0.92	0.94	0.93	0.01				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 9 (#42). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
Anthozoa spp.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.18
Turbellaria spp.		0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	33	0.55
Nemertina spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	45	0.36
Nematoda spp.		35	3	7	5	0	50	10.00	12.71	16.16	0.00-25.78	3	9.12
<i>Phascolion caupo</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	55	0.18
<i>Phascolion cryptus</i>		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	25	0.73
Myodocopa spp.		1	3	1	12	0	17	3.40	4.41	5.72	0.00-8.87	5	3.10
<i>Vaunthompsonia floridana</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	56	0.18
<i>Cumella tripunctata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.18
Paratanaididae spp.		2	2	2	2	2	10	2.00	0.00	0.00	2.00-20	11	1.82
Apseudidae spp.		0	0	2	1	0	3	0.60	0.80	1.07	0.00-1.59	34	0.55
<i>Kalliapseudes</i> sp. A		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	46	0.36
<i>Periclimenes americanus</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	47	0.36
<i>Alpheus armillatus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.18
<i>Carpas</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.18
<i>Apanthura magnifica</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.18
<i>Ampelisca abdita</i>		1	3	0	4	0	8	1.60	1.62	1.65	0.00-3.61	15	1.46
<i>Erichthonius brasiliensis</i>		1	0	0	4	0	5	1.00	1.55	2.40	0.00-2.92	21	0.91
<i>Microdeutopus myersi</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.18
<i>Acuminodeutopus naglei</i>		0	13	0	0	4	17	3.40	5.04	7.48	0.00-9.66	6	3.10
<i>Lembos</i> sp. indet.		1	0	0	4	1	6	1.20	1.47	1.80	0.00-3.02	18	1.09
<i>Amphiodia pulchella</i>		2	0	0	3	0	5	1.00	1.26	1.60	0.00-2.57	22	0.91
<i>Amphioplus abdita</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	62	0.18
<i>Ophionepthys limicola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.18
<i>Ophiostigma isacanthum</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.18
<i>Acteon punctostriatus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	65	0.18
<i>Bursatella leachii pleii</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.18
<i>Caecum pulchellum</i>		15	21	14	29	12	91	18.20	6.18	2.10	10.53-25.96	1	16.61
<i>Chione cancellata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	67	0.18
<i>Corbula contracta</i>		0	1	0	1	1	3	0.60	0.49	0.40	0.00-1.20	35	0.55
<i>Cyclinella tenuis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	68	0.18
<i>Diplodonta punctata</i>		1	2	0	4	2	9	1.80	1.33	0.98	0.15-3.44	12	1.64
<i>Eulima jamaicensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	69	0.18
<i>Haminoea elegans</i>		2	0	0	0	1	3	0.60	0.80	1.07	0.00-1.59	36	0.55
<i>Haminoea succinea</i>		0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	37	0.55
<i>Laevicardium mortoni</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	70	0.18
<i>Marginella aureocincta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	71	0.18
<i>Marginella lavalleeana</i>		0	8	0	0	0	8	1.60	3.20	6.40	0.00-5.57	16	1.46
<i>Meioceras nitida</i>		1	8	3	1	5	18	3.60	2.65	1.96	0.31-6.89	4	3.28
<i>Nucula proxima</i>		0	1	1	0	3	5	1.00	1.10	1.20	0.00-2.35	23	0.91
<i>Olivella perplexa</i>		0	6	0	1	0	7	1.40	2.33	3.89	0.00-4.29	17	1.28
<i>Parvilucina multilineata</i>		0	5	0	8	1	14	2.80	3.19	3.63	0.00-6.75	8	2.55

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
<i>Pseudomiltha floridana</i>	0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	48	0.36
<i>Solemya occidentalis</i>	0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	49	0.36
<i>Tagelus divisus</i>	1	2	1	1	0	5	1.00	0.63	0.40	0.21-1.78	24	0.91
<i>Tellina versicolor</i>	0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	38	0.55
<i>Turbonilla</i> sp. B	0	2	0	0	2	4	0.80	0.98	1.20	0.00-2.01	26	0.73
<i>Astichopus multifidus</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.18

POLYCHAETES

<i>Naineris setosa</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	73	0.18
<i>Scoloplos (Leodamus)</i> <i>rubra</i>	0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	39	0.55
<i>Scoloplos (Scoloplos)</i> <i>texana</i>	0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	40	0.55
<i>Aricidea philbinae</i>	0	1	0	2	0	3	0.60	0.80	1.07	0.00-1.59	41	0.55
<i>Paraonides</i> n. sp.	11	1	2	0	1	15	3.00	4.05	5.47	0.00-8.02	7	2.74
<i>Minuspio cirrifera</i>	0	0	3	1	0	4	0.80	1.17	1.70	0.00-2.24	27	0.73
<i>Prionospio</i> <i>heterobranchia</i>	1	2	1	0	0	4	0.80	0.75	0.70	0.00-1.72	28	0.73
<i>Pseudopolydora</i> sp.	1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	42	0.55
<i>Scolecopsis (Scolecopsis)</i> <i>texana</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	74	0.18
<i>Caulleriella alata</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	75	0.18
<i>Tharyx annulosus</i>	0	2	1	10	1	14	2.80	3.66	4.77	0.00-7.33	9	2.55
<i>Mediomastus</i> sp.	4	2	1	2	0	9	1.80	1.33	0.98	0.15-3.44	13	1.64
<i>Notomastus hemipodus</i>	0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	76	0.18
<i>Praxillella</i> sp.	4	3	1	4	2	14	2.80	1.17	0.49	1.35-4.24	10	2.55
Polynoidae undet. sp. E	0	0	0	2	1	3	0.60	0.80	1.07	0.00-1.59	43	0.55
<i>Sthenelais boa</i>	0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	50	0.36
<i>Parahesionia luteola</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-1.69	77	0.18
<i>Podarke obscura</i>	3	3	1	2	0	9	1.80	1.17	0.76	0.35-3.24	14	1.64
<i>Ehlersia</i> sp. A	1	0	0	3	2	6	1.20	1.17	1.13	0.00-2.64	19	1.09
<i>Ehlersia</i> sp. D	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.18
<i>Exogone arenosa</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	51	0.36
<i>Exogone verugera</i>	2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	44	0.55
<i>Sphaerosyllis</i> spp.	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	79	0.18
<i>Typosyllis</i> sp. F	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.18
<i>Syllidae (Eusyllidae)</i> sp. C	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.18
<i>Ceratocephale</i> sp.	0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	29	0.73
<i>Ceratonereis irritabilis</i>	0	1	1	1	1	4	0.80	0.40	0.20	0.30-1.29	30	0.73
<i>Nereis (Neanthes)</i> <i>acuminata</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.18
<i>Platynereis dumerilii</i>	0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.18
<i>Glycinde solitaria</i>	2	0	1	0	1	4	0.80	0.75	0.70	0.00-1.72	31	0.73
<i>Lumbrineris latreilli</i>	0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	52	0.36
<i>Lumbrineris verrilli</i>	10	26	5	28	13	82	16.40	9.05	4.99	5.17-27.63	2	14.96
<i>Schistomeringos</i> <i>rudolphi</i>	0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	53	0.36

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 9 (#42)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
<i>Polycirrus eximius</i>		0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	84	0.18	
<i>Branchiomma nigromaculata</i>		1	1	1	1	2	6	1.20	0.40	0.13	0.70-1.69	20	1.09
<i>Fabricia sabella</i>		0	0	0	4	0	4	0.80	1.60	3.20	0.00-2.78	32	0.73
Sabellidae undet. sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.18
Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.			
Totals		112	136	55	171	74	548	109.60	41.76	15.91			
Number of taxa		32	37	25	49	32	175	35.00	7.97				
Shannon-Weaver H' (log 10)		1.13	1.29	1.19	1.40	1.31	1.50	1.27	0.09				
Dominance (1 - Simpson Index)		0.87	0.92	0.91	0.93	0.94	0.93	0.91	0.01				

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 10 (#44). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.		
<i>Turbellaria</i> spp.	1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	47	0.23
<i>Nemertina</i> spp.	16	1	2	2	2	23	4.60	5.71	7.10	0.00-11.69	5	2.63
<i>Nematoda</i> spp.	3	0	1	1	7	12	2.40	2.50	2.60	0.00-5.50	10	1.37
<i>Phascolion caupo</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	66	0.11
<i>Phascolion cryptus</i>	1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	48	0.23
<i>Copepoda</i> sp.	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	49	0.23
<i>Myodocopa</i> spp.	17	2	0	16	2	37	7.40	7.47	7.55	0.00-16.67	4	4.23
<i>Vaunthompsonia minor</i>	1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	50	0.23
<i>Paratanaididae</i> spp.	0	2	2	2	0	6	1.20	0.98	0.80	0.00-2.41	21	0.69
<i>Hippolytidae</i> post larva	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.11
<i>Tunicata</i> sp.	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	68	0.11
<i>Carpias</i> sp. A	0	0	0	13	5	18	3.60	5.08	7.18	0.00-9.91	7	2.06
<i>Paracerceis caudata</i>	1	1	1	1	1	5	1.00	0.00	0.00	1.00-10	27	0.57
<i>Apanthura magnifica</i>	3	0	0	2	0	5	1.00	1.26	1.60	0.00-2.57	28	0.57
<i>Ampelisca abdita</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.11
<i>Ampelisca vadorum</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.11
<i>Cerapus</i> n. sp.	7	0	7	0	5	19	3.80	3.19	2.67	0.00-7.75	6	2.17
<i>Erichthonius brasiliensis</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.11
<i>Grandidierella bonnieroides</i>	0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	39	0.34
<i>Lembos unicornis</i>	5	0	1	0	0	6	1.20	1.94	3.13	0.00-3.60	22	0.69
<i>Microdeutopus myersi</i>	0	3	0	1	0	4	0.80	1.17	1.70	0.00-2.24	32	0.46
<i>Paraphoxus spinosus</i>	2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	51	0.23
<i>Photis pugnator</i>	5	0	0	1	0	6	1.20	1.94	3.13	0.00-3.60	23	0.69
<i>Acuminodeutopus naglei</i>	8	0	0	0	0	8	1.60	3.20	6.40	0.00-5.57	15	0.91
<i>Lembos</i> sp. indet.	0	1	0	2	4	7	1.40	1.50	1.60	0.00-3.25	16	0.80
<i>Amphiodia pulchella</i>	2	0	0	4	1	7	1.40	1.50	1.60	0.00-3.25	17	0.80
<i>Ophiactis savignyi</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.11
<i>Acteocina canaliculata</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	73	0.11
<i>Acteon punctostriatus</i>	0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	52	0.23
<i>Aeolidiidae</i> sp. A	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	74	0.11
<i>Anomia simplex</i>	1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	53	0.23
<i>Brachidontes exustus</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	75	0.11
<i>Caecum pulchellum</i>	50	70	18	80	158	376	75.20	46.50	28.76	17.47-132.93	1	42.97
<i>Chione cancellata</i>	0	0	3	0	1	4	0.80	1.17	1.70	0.00-2.24	33	0.46
<i>Conus jaspideus</i>	0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	40	0.34
<i>Crepidula maculosa</i>	0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	76	0.11
<i>Cyclinella tenuis</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.11
<i>Diplodonta punctata</i>	1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.11
<i>Eulima jamaicensis</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.11
<i>Granulina ovuliformis</i>	1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	54	0.23
<i>Haminoea elegans</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.11
<i>Laevicardium mortoni</i>	0	2	0	0	2	4	0.80	0.98	1.20	0.00-2.01	34	0.46
<i>Marginella apicina</i>	0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	81	0.11



Benthic Organisms Collected During Phase II Quarter 4 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Marginella aureocincta</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.11
<i>Meioceras nitida</i>		4	3	11	10	11	39	7.80	3.54	1.61	3.40-12.19	3	4.46
<i>Mitrella lunata</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	41	0.34
<i>Nassarius vibex</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.11
<i>Nucula proxima</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	42	0.34
<i>Olivella perplexa</i>		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	35	0.46
<i>Parvilucina multilineata</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	55	0.23
<i>Pitar simpsoni</i>		0	0	2	1	0	3	0.60	0.80	1.07	0.00-1.59	43	0.34
<i>Tagelus divisus</i>		4	0	3	0	2	9	1.80	1.60	1.42	0.00-3.78	13	1.03
<i>Tellina versicolor</i>		2	1	1	3	2	9	1.80	0.75	0.31	0.87-2.72	14	1.03
<i>Trachycardium muricatum</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	56	0.23
<i>Astichopus multifidus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.11
<i>Leptosynapta parvipatina</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	85	0.11
Halothuroidea sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	86	0.11

POLYCHAETES

<i>Naineris setosa</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	57	0.23
<i>Aricidea philbinae</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	87	0.11
<i>Aricidea</i> sp. C		2	4	0	0	0	6	1.20	1.60	2.13	0.00-3.18	24	0.69
<i>Paraonides</i> n. sp.		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	58	0.23
<i>Prionospio heterobranchia</i>		1	3	0	0	2	6	1.20	1.17	1.13	0.00-2.64	25	0.69
<i>Pseudopolydora</i> cf. <i>pulchra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	88	0.11
<i>Pseudopolydora</i> sp.		3	0	0	1	0	4	0.80	1.17	1.70	0.00-2.24	36	0.46
<i>Scolelepis squamata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	89	0.11
<i>Scolelepis (Scolelepis) texana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	90	0.11
<i>Spiochaetopterus costarum</i> ocu.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	91	0.11
<i>Caulleriella alata</i>		1	2	1	0	3	7	1.40	1.02	0.74	0.13-2.66	18	0.80
cf. <i>Caulleriella killariensis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	92	0.11
<i>Tharyx annulosus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	59	0.23
<i>Capitella capitata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	93	0.11
<i>Capitellides giardi</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	60	0.23
<i>Mediomastus</i> sp.		4	1	1	1	0	7	1.40	1.36	1.31	0.00-3.08	19	0.80
<i>Notomastus hemipodus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	94	0.11
<i>Axiothella mucosa</i>		4	4	3	1	2	14	2.80	1.17	0.49	1.35-4.24	9	1.60
<i>Praxillella</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	95	0.11
<i>Armandia maculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	96	0.11
<i>Eteone heteropoda</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	97	0.11
<i>Eulalia (Eumida) sanguinea</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	61	0.23
<i>Phyllodoce (N.) fragilis</i>		3	3	0	1	0	7	1.40	1.36	1.31	0.00-3.08	20	0.80
Polynoidae undet. sp. D		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	98	0.11

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 10 (#44)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Gruboulepis cf. sulcatisetis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	99	0.11
<i>Sthenelais boa</i>		1	0	2	0	1	4	0.80	0.75	0.70	0.00-1.72	37	0.46
<i>Podarke obscura</i>		1	0	0	2	0	3	0.60	0.80	1.07	0.00-1.59	44	0.34
<i>Ehlersia sp. B</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	62	0.23
<i>Ehlersia sp. D</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	100	0.11
<i>Exogone arenosa</i>		3	1	2	1	4	11	2.20	1.17	0.62	0.75-3.64	11	1.26
<i>Exogone dispar</i>		7	0	1	2	1	11	2.20	2.48	2.80	0.00-5.28	12	1.26
<i>Odontosyllis sp. A</i>		0	2	0	1	0	3	0.60	0.80	1.07	0.00-1.59	45	0.34
<i>Typosyllis sp. A</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	101	0.11
Syllidae (Eusyllidae) sp. C		0	0	2	2	1	5	1.00	0.89	0.90	0.00-2.11	29	0.57
<i>Ceratonereis irritabilis</i>		0	0	1	0	0	1	0.20	0.40	0.90	0.00-0.69	102	0.11
<i>Nereis (Neanthes) acuminata</i>		3	3	0	0	0	6	1.20	1.47	1.80	0.00-3.02	26	0.69
<i>Glycera abbranchiata</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	63	0.23
<i>Linopherus canariensis</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	64	0.23
<i>Mooreonuphis sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	103	0.11
<i>Lumbrineris latreilli</i>		1	1	0	1	1	4	0.80	0.40	0.20	0.30-1.29	38	0.46
<i>Lumbrineris verrilli</i>		15	9	11	5	4	44	8.80	4.02	1.84	3.81-13.79	2	5.03
<i>Schistomeringos rudolphi</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	104	0.11
<i>Isolda pulchella</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	105	0.11
cf. <i>Amaeana accraensis</i>		0	0	0	1	2	3	0.60	0.80	1.07	0.00-1.59	46	0.34
<i>Streblosoma hartmanae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	106	0.11
<i>Terebellides stroemi</i>		0	1	1	3	0	5	1.00	1.10	1.20	0.00-2.35	30	0.57
<i>Branchiomma nigromaculata</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	65	0.23
<i>Chone sp.</i>		1	0	2	0	2	5	1.00	0.89	0.80	0.00-2.11	31	0.57
<i>Fabricia sabella</i>		4	3	4	0	6	17	3.40	1.96	1.13	0.97-5.83	8	1.94
<i>Sabella variegata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	107	0.11

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		204	143	103	187	238	875	175.00	47.25	12.76
Number of taxa		51	40	43	51	32	217	43.40	7.17	
Shannon-Weaver H' (log 10)		1.37	1.06	1.40	1.14	0.74	1.28	1.14	0.24	
Dominance (1 - Simpson Index)		0.92	0.75	0.94	0.80	0.56	0.81	0.79	0.11	

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 11 (#47). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Haliclona molitba</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.04
<i>Niphates erecta</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	56	0.08
Anthozoa spp.		8	1	0	4	0	13	2.60	3.07	3.63	0.00-6.41	22	0.50
Turbellaria spp.		0	4	2	0	4	10	2.00	1.79	1.60	0.00-4.22	26	0.38
Nemertina spp.		48	4	19	25	2	98	19.60	16.67	14.18	0.00-40.29	6	3.77
Nematoda spp.		38	0	16	43	1	98	19.60	18.05	16.62	0.00-42.00	7	3.77
<i>Phascolion cryptus</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	64	0.04
Copepoda spp.		21	3	47	3	61	135	27.00	23.43	20.33	0.00-56.08	4	5.20
Myodocopa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	65	0.04
Podocopa spp.		22	0	73	1	35	131	26.20	26.86	27.53	0.00-59.54	5	5.04
Paratanaididae sp.		2	0	4	2	3	11	2.20	1.33	0.80	0.55-3.84	24	0.42
Tanaididae spp.		3	0	0	0	1	4	0.80	1.17	1.70	0.00-2.24	43	0.15
<i>Thor floridanus</i>		0	2	12	0	2	16	3.20	4.49	6.30	0.00-6.77	19	0.62
Tunicata spp.		2	0	2	0	0	4	0.80	0.98	1.20	0.00-2.01	44	0.15
<i>Carpias</i> sp. A		5	0	3	2	61	71	14.20	23.46	38.74	0.00-43.31	11	2.73
<i>Paracerceis caudata</i>		5	8	31	9	20	73	14.60	9.65	6.37	2.63-26.57	10	2.81
<i>Erichsonella filiformis isabel.</i>		3	0	4	0	2	9	1.80	1.60	1.42	0.00-3.78	29	0.35
<i>Erichsonella floridana</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	66	0.04
<i>Ampelisca abdita</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	67	0.04
<i>Cymadusa compta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	68	0.04
<i>Dulichella appendiculata</i>		1	0	10	2	25	38	7.60	9.39	11.61	0.00-19.26	14	1.46
<i>Elasmopus laevis</i>		9	0	7	23	41	80	16.00	14.56	13.25	0.00-34.07	8	3.08
<i>Lembos unicornis</i>		3	0	0	0	4	7	1.40	1.74	2.17	0.00-3.56	31	0.27
<i>Lysianassa alba</i>		11	7	24	34	76	152	30.40	24.73	20.11	0.00-61.09	3	5.85
<i>Panopeus</i> cf. <i>occidentalis</i>		2	0	0	0	2	4	0.80	0.98	1.20	0.00-2.01	45	0.15
<i>Amphioplus abdita</i>		1	0	3	1	0	5	1.00	1.10	1.20	0.00-2.35	35	0.19
<i>Ophiactis savignyi</i>		0	1	0	16	0	17	3.40	6.31	11.72	0.00-11.23	18	0.65
<i>Anachis hotessieriana</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.04
<i>Arcopsis adamsi</i>		1	0	12	0	2	15	3.00	4.56	6.93	0.00-8.66	20	0.58
<i>Bulla striata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.04
<i>Caecum pulchellum</i> *		169	237	184	263	158	1011	202.20	40.73	8.20	151.63-252.76	1	38.91
<i>Carditamera floridana</i>		1	0	0	0	0	1	0.20	0.40	0.90	0.00-0.69	71	0.04
<i>Chione cancellata</i>		0	1	0	4	0	5	1.00	1.55	2.40	0.00-2.92	36	0.19
<i>Circulus suppressus</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	57	0.08
<i>Columbella rusticoides</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	72	0.04
<i>Cylindrobulla beauii</i>		3	0	0	10	0	13	2.60	3.88	5.78	0.00-7.41	23	0.50
<i>Ischnochiton papillosus</i>		6	0	1	2	1	10	2.00	2.10	2.20	0.00-4.60	27	0.38

\* Values are as follows: *Caecum pulchellum*, 169, 237, 184, 263, 158, 1011, 202.20, 40.73, 8.20, 151.63-252.76, 1, 38.91

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Marginella apicina</i>		1	0	0	1	1	3	0.60	0.49	0.40	0.00-1.20	51	0.12
<i>Modiolus modiolus squamosus</i>		1	0	3	0	0	4	0.80	1.17	1.70	0.00-2.24	46	0.15
<i>Thala foveata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.04
<i>Turbo castanea</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	74	0.04
<i>Leptosynapta parvipatina</i>		10	2	0	2	0	14	2.80	3.71	4.91	0.00-7.40	21	0.54

POLYCHAETES

<i>Haploscoloplos foliosus</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	58	0.08
<i>Naineris setosa</i>		2	0	16	1	1	20	4.00	6.03	9.10	0.00-11.49	17	0.77
<i>Aricidea sp. C</i>		0	0	0	3	0	3	0.60	1.20	2.40	0.00-2.08	52	0.12
<i>Minuspio cirrifera</i>		3	1	0	1	0	5	1.00	1.10	1.20	0.00-2.35	37	0.19
<i>Prionospio heterobranchia</i>		1	5	0	5	0	11	2.20	2.32	2.44	0.00-5.07	25	0.42
<i>Caulleriella alata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	75	0.04
cf. <i>Caulleriella killariensis</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	53	0.12
cf. <i>Cirratulus sp.</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	76	0.04
<i>Cirriformia filigera</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	77	0.04
<i>Cirriformia sp. B</i>		0	2	0	3	0	5	1.00	1.26	1.60	0.00-2.57	38	0.19
<i>Tharyx annulosus</i>		0	1	0	3	0	4	0.80	1.17	1.70	0.00-2.24	47	0.15
<i>Macrochaeta sp.</i>		0	0	38	4	1	43	8.60	14.77	25.38	0.00-26.94	13	1.66
<i>Mediomastus sp.</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	78	0.04
<i>Scyphoproctus platyproctus</i>		1	0	1	1	0	3	0.60	0.49	0.40	0.00-1.20	54	0.12
<i>Bhawania goodei</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.04
<i>Podarke obesa</i>		3	5	0	7	6	21	4.20	2.48	1.47	1.12-7.28	15	0.81
Hesionidae undet. sp. A		2	0	0	0	3	5	1.00	1.26	1.60	0.00-2.57	39	0.19
<i>Branchiosyllis oculata</i>		2	1	1	0	1	5	1.00	0.63	0.40	0.21-1.78	40	0.19
<i>Brania sp. A</i>		1	0	1	1	2	5	1.00	0.63	0.40	0.21-1.78	41	0.19
<i>Ehlersia sp. D</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	50	0.04
cf. <i>Eusyllis sp. A</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	59	0.08
cf. <i>Eusyllis sp. C</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	81	0.04
<i>Exogone verugera</i>		6	0	2	1	0	9	1.80	2.23	2.76	0.00-4.56	30	0.35
<i>Haplosyllis spongicola</i>		2	0	1	0	1	4	0.80	0.75	0.70	0.00-1.72	48	0.15
<i>Syllides bansei</i>		2	0	1	0	0	3	0.60	0.80	1.07	0.00-1.59	55	0.12
<i>Syllides floridanus</i>		1	0	0	0	5	6	1.20	1.94	3.13	0.00-3.60	34	0.23
<i>Typosyllis alternata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	60	0.08
<i>Typosyllis amularis</i>		40	2	27	0	11	80	16.00	15.32	14.68	0.00-35.02	9	3.08
<i>Typosyllis sp. A</i>		0	0	0	0	10	10	2.00	4.00	8.00	0.00-6.96	28	0.38
<i>Typosyllis sp. F</i>		67	3	29	19	36	154	30.80	21.23	14.63	4.45-57.15	2	5.93
<i>Typosyllis Sp. J</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.04
<i>Typosyllis sp. L</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.04
<i>Typosyllis sp. O</i>		23	12	1	26	0	62	12.40	10.78	9.37	0.00-25.78	12	2.39
<i>Typosyllis sp. Q</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	49	0.15
<i>Ceratonereis irritabilis</i>		0	5	1	13	2	21	4.20	4.71	5.28	0.00-10.04	16	0.81
<i>Linopherus canariensis</i>		0	0	4	1	0	5	1.00	1.55	2.40	0.00-2.92	42	0.19

<i>Marphysa sanguinea</i>	0	5	2	0	0	7	1.40	1.96	2.74	0.00-3.83	32	0.27
<i>Lumbrineris latreilli</i>	0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	84	0.04
<i>Schistomeringos rudolphi</i>	0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	61	0.08

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 11 (#47)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Piromis eruca</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	85	0.04
cf. <i>Amaeana accraensis</i>		0	0	7	0	0	7	1.40	2.80	5.60	0.00-4.87	33	0.27
<i>Terebellides stroemi</i>		1	0	2	0	1	4	0.80	0.75	0.70	0.00-1.72	50	0.15
<i>Fabricia sabella</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	62	0.08
<i>Sabella variegata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	86	0.04

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		541	315	603	544	595	2598	519.60	105.41	21.38
Number of taxa		47	25	45	41	41	199	39.80	7.76	
Shannon-Weaver H' (log 10)		1.14	0.55	1.16	0.96	1.11	1.18	0.99	0.23	
Dominance (1 - Simpson Index)		0.86	0.43	0.87	0.75	0.88	0.83	0.76	0.05	

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 12 (#48). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Turbellaria</i> spp.		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	25	0.43
<i>Nemertina</i> spp.		5	3	1	0	2	11	2.20	1.72	1.35	0.06-4.33	7	2.38
<i>Nematoda</i> spp.		8	1	1	0	0	10	2.00	3.03	4.60	0.00-5.76	8	2.16
<i>Phascolion cryptus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.22
<i>Paratanaidae</i> spp.		3	3	14	1	9	30	6.00	4.82	3.87	0.02-11.97	2	6.49
<i>Tanaidae</i> spp.		1	1	3	5	15	25	5.00	5.22	5.44	0.00-11.47	3	5.41
<i>Pycnogonida</i> spp.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	34	0.22
<i>Tunicata</i> spp.		0	0	1	1	2	4	0.80	0.75	0.70	0.00-1.72	16	0.97
<i>Paracerceis caudata</i>		2	0	0	1	6	9	1.80	2.23	2.76	0.00-4.56	9	1.95
<i>Cymadusa compta</i>		1	2	3	1	10	17	3.40	3.38	3.36	0.00-7.59	4	3.68
<i>Dulichchiella appendiculata</i>		0	0	0	0	4	4	0.80	1.60	3.20	0.00-2.78	17	0.87
<i>Elasmopus laevis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	35	0.22
<i>Lysianassa alba</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	26	0.43
<i>Lembos</i> sp. indet.		1	0	4	0	2	7	1.40	1.50	1.60	0.00-3.25	13	1.52
<i>Neopanope packardii</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	36	0.22
<i>Amphioplus abdita</i>		0	2	0	2	1	5	1.00	0.89	0.80	0.00-2.11	14	1.08
<i>Ophiopsila riisei</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.22
<i>Anachis hotessieriana</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	20	0.65
<i>Bulla striata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.22
<i>Caecum pulchellum</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.22
<i>Chione cancellata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	40	0.22
<i>Circulus suppressus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.22
<i>Corbula contracta</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	42	0.22
<i>Elysia</i> sp. A		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.22
<i>Ischnochiton papillosus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	27	0.43
<i>Lima pellucida</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-9.69	44	0.22
<i>Macoma</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	45	0.22
<i>Marginella apicina</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	28	0.43
<i>Tellina alternata</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.22
<i>Turbonilla</i> sp. D		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	47	0.22
<i>Leptosynapta parvipatina</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.22
POLYCHAETES													
<i>Naineris setosa</i>		0	0	1	3	5	9	1.80	1.94	2.09	0.00-4.20	10	1.95
<i>Scoloplos (Leodamus) rubra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.22
<i>Aricidea philbinae</i>		0	1	1	0	2	4	0.80	0.75	0.70	0.00-1.72	18	0.97
<i>Minuspio cirrifera</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	50	0.22
<i>Prionospio heterobranchia</i>		2	0	0	0	2	4	0.80	0.96	1.20	0.00-2.01	19	0.87
<i>Pseudopolydora</i> sp.		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.22

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 12 (#48)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Caulleriella alata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	52	0.22
<i>Tharyx annulosus</i>		1	5	1	2	0	9	1.80	1.72	1.64	0.00-3.93	11	1.95
<i>Capitella capitata</i>		0	4	3	2	0	9	1.80	1.60	1.42	0.00-3.78	12	1.95
<i>Scyphoproctus platyproctus</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	53	0.22
<i>Gyptis brevipalpa</i>		0	1	1	1	0	3	0.60	0.49	0.40	0.00-1.20	21	0.65
<i>Parahesionia luteola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	54	0.22
<i>Autolytus</i> sp. A		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	29	0.43
<i>Brania</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	55	0.22
<i>Exogone</i> dispar		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	56	0.22
<i>Exogone verugera</i>		4	0	1	2	9	16	3.20	3.19	3.18	0.00-7.15	5	3.46
<i>Odontosyllis</i> sp. A		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	22	0.65
<i>Syllides floridanus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.22
<i>Typosyllis annularis</i>		2	0	1	0	2	5	1.00	0.89	0.80	0.00-2.11	15	1.08
<i>Typosyllis</i> sp. A		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	58	0.22
<i>Typosyllis</i> sp. F		3	1	3	0	5	12	2.40	1.74	1.27	0.24-4.56	6	2.60
<i>Typosyllis</i> sp. Q		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	30	0.43
<i>Nereis (Neanthes) acuminata</i>		0	0	0	0	3	3	0.60	1.20	2.40	0.00-2.08	23	0.65
<i>Platynereis dumerilii</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	31	0.43
<i>Nematonereis unicornis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	59	0.22
<i>Streblosoma hartmanae</i>		0	0	1	0	2	3	0.60	0.80	1.07	0.00-1.59	24	0.65
<i>Branchiomma nigromaculata</i>		0	0	0	0	2	2	0.40	0.80	1.60	0.00-1.39	32	0.43
<i>Sabella variegata</i>		22	5	11	21	155	214	42.80	56.46	74.47	0.00-112.88	1	46.32

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.
Totals		60	35	60	48	259	462	92.40	83.81	76.02
Number of taxa		18	18	25	18	36	115	23.00	7.04	
Shannon-Weaver H' (log 10)		0.99	1.16	1.17	0.95	0.84	1.10	1.02	0.13	
Dominance (1 - Simpson Index)		0.84	0.94	0.91	0.80	0.63	0.77	0.82	0.08	



Benthic Organisms Collected During Phase II Quarter 4 at Station No. 13 (#54). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Turbellaria</i> spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	57	0.06
<i>Nemertina</i> spp.		0	0	6	1	0	7	1.40	2.33	3.89	0.00-4.29	23	0.43
<i>Nematoda</i> spp.		0	6	0	2	4	11	2.40	2.33	2.27	0.00-5.29	16	0.73
<i>Phascolion cryptus</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	58	0.06
<i>Copepoda</i> spp.		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	44	0.12
<i>Hippolyte zostericola</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	59	0.06
<i>Pagurus stimpsoni</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	60	0.06
<i>Carpas</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	61	0.06
<i>Xenanthura brevitelson</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	62	0.06
<i>Erichsonella filiformis isabel.</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	45	0.12
<i>Ampelisca vadorum</i>		0	3	0	0	0	3	0.60	1.20	2.40	0.00-2.08	35	0.18
<i>Cymadusa compta</i>		10	6	13	7	23	59	11.80	6.11	3.17	4.21-19.38	4	3.60
<i>Dulichella appendiculata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	63	0.06
<i>Elasmopus laevis</i>		0	0	7	0	0	7	1.40	2.80	5.60	0.00-4.87	24	0.43
<i>Lysianassa alba</i>		0	0	3	3	7	13	2.60	2.58	2.55	0.00-5.79	14	0.79
<i>Lembos</i> sp. indet.		1	0	0	0	2	3	0.60	0.80	1.07	0.00-1.59	36	0.18
<i>Panopeus</i> sp. indet.		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	64	0.06
<i>Amphiodia pulchella</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	65	0.06
<i>Acteocina canaliculata</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	46	0.12
<i>Amygdalum papyrium</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	66	0.06
<i>Anadara notabilis</i>		0	0	80	0	0	80	16.00	32.00	64.00	0.00-55.72	3	4.88
<i>Bittium varium</i>		1	1	0	0	0	2	0.40	0.49	0.60	0.00-1.00	47	0.12
<i>Brachidontes exustus</i>		3	2	1	2	1	9	1.80	0.75	0.31	0.87-2.72	21	0.55
<i>Bulla striata</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	37	0.18
<i>Caecum pulchellum</i>		113	157	41	171	230	712	142.40	63.01	27.88	64.18-220.62	1	43.39
<i>Carditamera floridana</i>		3	0	2	2	6	13	2.60	1.96	1.48	0.17-5.03	15	0.79
<i>Chione cancellata</i>		5	3	1	1	6	16	3.20	2.04	1.30	0.67-5.73	10	0.98
<i>Conus jaspideus</i>		1	0	0	0	0	1	0.20	0.40	0.90	0.00-0.69	67	0.06
<i>Corbula contracta</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	68	0.06
<i>Crepidula maculosa</i>		5	0	1	3	1	10	2.00	1.79	1.60	0.00-4.22	19	0.61
<i>Cumingia tellinoides</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	69	0.06
<i>Eulima jamaicensis</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	70	0.06
<i>Eulima</i> sp. A		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	71	0.06
<i>Granulina ovuliformis</i>		2	0	0	1	0	3	0.60	0.80	1.07	0.00-1.59	38	0.18
<i>Haminoea antillarum</i>		1	1	1	0	1	4	0.80	0.40	0.20	0.30-1.29	30	0.24
<i>Ischnochiton papillosus</i>		2	8	2	0	2	14	2.80	2.71	2.63	0.00-6.16	12	0.85
<i>Marginella apicina</i>		0	1	2	5	6	14	2.80	2.32	1.91	0.00-5.67	13	0.85
<i>Meioceras nitida</i>		4	5	9	9	11	38	7.60	2.65	0.93	4.31-10.89	5	2.32
<i>Mitrella lunata</i>		1	0	0	4	0	5	1.00	1.55	2.40	0.00-2.92	27	0.30
<i>Modiolus modiolus squamosus</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	48	0.12
<i>Nassarius vibex</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	72	0.06
<i>Rissoina catesbyana</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	49	0.12

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Stnd -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Tellina versicolor</i>		1	1	4	0	1	7	1.40	1.36	1.31	0.00-3.08	25	0.43
Holothuroidea sp. A		0	1	0	4	0	5	1.00	1.55	2.40	0.00-2.92	28	0.30
POLYCHAETES													
<i>Haploscoloplos foliosus</i>		0	1	1	1	1	4	0.80	0.40	0.20	0.30-1.29	31	0.24
<i>Naineris setosa</i>		1	0	3	0	6	10	2.00	2.28	2.60	0.00-4.83	20	0.61
<i>Scoloplos (Leodamus) rubra</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	73	0.06
<i>Aricidea n. sp. A</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	50	0.12
<i>Aricidea sp. C</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	74	0.06
<i>Paraonides n. sp.</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	75	0.06
<i>Minuspio cirrifera</i>		0	0	1	2	0	3	0.60	0.80	1.07	0.00-1.59	39	0.18
<i>Prionospio heterobranchia</i>		0	5	6	3	2	16	3.20	2.14	1.43	0.55-5.85	11	0.98
<i>Polydora ligni</i>		0	4	4	1	2	11	2.20	1.60	1.16	0.21-4.18	18	0.67
<i>Pseudopolydora sp.</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	76	0.06
<i>Spiochaetopterus costarum</i> ocu.		0	0	2	0	1	3	0.60	0.80	1.07	0.00-1.59	40	0.18
<i>Caulleriella alata</i>		3	6	1	0	2	12	2.40	2.06	1.77	0.00-4.95	17	0.73
<i>Cirriformia sp. B</i>		0	0	3	0	0	3	0.60	1.20	2.40	0.00-2.08	41	0.18
<i>Tharyx annulosus</i>		0	1	9	1	6	17	3.40	3.50	3.60	0.00-7.74	9	1.04
cf. <i>Tharyx sp.</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	51	0.12
<i>Capitella capitata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	77	0.06
<i>Capitellides jonesi</i>		2	2	0	0	0	4	0.80	0.98	1.20	0.00-2.01	32	0.24
<i>Asychis elongata</i>		0	2	0	0	0	2	0.40	0.80	1.60	0.00-1.39	52	0.12
<i>Phyllodoce (N.) fragilis</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	78	0.06
<i>Parahesionia luteola</i>		0	0	1	1	0	2	0.40	0.49	0.60	0.00-1.00	53	0.12
<i>Podarke obscura</i>		0	0	6	0	1	7	1.40	2.33	3.89	0.00-4.29	26	0.43
<i>Brania sp. A</i>		1	0	7	0	0	8	1.60	2.73	4.65	0.00-4.98	22	0.49
<i>Exogone dispar</i>		6	5	10	3	8	32	6.40	2.42	0.91	3.40-9.40	6	1.95
<i>Exogone verugera</i>		0	1	1	1	2	5	1.00	0.63	0.40	0.21-1.78	29	0.30
<i>Typosyllis sp. O</i>		17	0	6	1	1	25	5.00	6.36	8.08	0.00-12.89	7	1.52
<i>Platynereis dumerilii</i>		0	1	0	1	2	4	0.80	0.75	0.70	0.00-1.72	33	0.24
<i>Glycera cf. americana</i>		1	1	1	1	0	4	0.80	0.40	0.20	0.30-1.29	34	0.24
<i>Diopatra cuprea</i>		1	0	0	0	1	2	0.40	0.49	0.60	0.00-1.00	54	0.12
<i>Lysidice ninetta</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	79	0.06
<i>Marphysa sanguinea</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	80	0.06
<i>Lumbrineris verrilli</i>		0	0	1	1	1	3	0.60	0.49	0.40	0.00-1.20	42	0.18
<i>Piromis eruca</i>		0	1	6	2	16	25	5.00	5.07	6.88	0.00-12.28	8	1.52
<i>Pectinaria gouldi</i>		0	1	2	0	0	3	0.60	0.80	1.07	0.00-1.59	43	0.18
<i>Melinna maculata</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	55	0.12
<i>Streblosoma hartmanae</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	81	0.06
<i>Branchiomma nigromaculata</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	56	0.12
<i>Fabricia sabella</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	82	0.06
<i>Sabella microphthalma</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	83	0.06
<i>Sabella variegata</i>		54	84	33	89	92	352	70.40	23.09	7.57	41.74-99.06	2	21.45

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 13 (#54)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		244	323	293	327	454	1641	328.20	69.55	14.74
Number of taxa		29	38	49	31	39	186	37.20	7.05	
Shannon-Weaver H' (log 10)		0.84	0.82	1.24	0.72	0.83	1.01	0.89	0.18	
Dominance (1 - Simpson Index)		0.73	0.70	0.89	0.65	0.70	0.76	0.73	0.02	

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 14 (#58). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
<i>Kalliapseudes</i> sp. A		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	9	0.86
<i>Lysianassa alba</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	10	0.86
<i>Paraphoxus spinosus</i>		0	0	0	1	1	2	0.40	0.49	0.60	0.00-1.00	5	1.72
<i>Lembos</i> sp. indet.		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	11	0.86
<i>Megaluropus mysersi</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	12	0.86
<i>Asthenothaenis hemphilli</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	13	0.86
<i>Chione cancellata</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	14	0.86
<i>Galeommatacea</i> sp. B	80	0	0	0	0	0	80	16.00	32.00	64.00	0.00-55.72	1	68.97
Leptonidae sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	15	0.86
<i>Parvilucina multilineata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	16	0.86
<i>Solemya occidentalis</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	17	0.86
<i>Strigilla carnaria</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	6	1.72

POLYCHAETES

<i>Scoloplos (Leodamus) rubra</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	18	0.86
<i>Paraonides</i> n. sp.		0	1	0	4	0	5	1.00	1.55	2.40	0.00-2.92	2	4.31
cf. <i>Apoprionospio dayi</i>		0	0	1	3	0	4	0.80	1.17	1.70	0.00-2.24	4	3.45
<i>Prionospio fallax</i>		1	0	0	1	0	2	0.40	0.49	0.60	0.00-1.00	7	1.72
<i>Prionospio heterobranchia</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	8	1.72
<i>Prionospio</i> cf. <i>steenstrupi</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	19	0.86
<i>Pseudopolydora</i> cf. <i>pulchra</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	20	0.86
<i>pettiboneae</i>		0	3	1	1	0	5	1.00	1.10	1.20	0.00-2.35	3	4.31
<i>Armandia agilis</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	21	0.86
<i>Protodorvillea kefersteini</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	22	0.86

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		83	7	4	18	4	116	23.20	30.34	39.68
Number of taxa		4	5	4	13	4	30	6.00	3.52	
Shannon-Weaver H' (log 10)		0.08	0.64	0.60	1.04	0.60	0.65	0.59	0.30	
Dominance (1 - Simpson Index)		0.07	0.86	1.00	0.94	1.00	0.52	0.77	0.10	

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 15 (#60). Number Identified in Each Dredge Sample, Total Number Collected, Mean Number per Sample, Standard Deviation Among Samples, Coefficient of Dispersion, 95% Confidence Limits of the Mean, Numeric Rank of Organism at the Station, and Percent of Total Organism at the Station Represented by that Organism.

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.-of-Mean	Rank	% - Total
Anthozoa spp.		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	31	0.42
Nemertina spp.		8	2	4	3	0	17	3.40	2.65	2.07	0.11-6.69	2	7.20
Nematoda ssp.		2	7	0	0	0	9	1.80	2.71	4.09	0.00-5.16	5	3.81
Mysida juvenile		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	32	0.42
cf. <i>Bodotria</i> sp. A		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	20	0.85
<i>Oxyurostylis smithi</i>		0	0	3	0	1	4	0.80	1.17	1.70	0.00-2.24	12	1.69
<i>Pagurus macLaughlinae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	33	0.42
<i>Erichsonella filiformis isabel.</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	21	0.85
<i>Ampelisca abdita</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	34	0.42
<i>Ampelisca vadorum</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	35	0.42
<i>Atylus urocarinatus</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	36	0.42
<i>Cymadusa compta</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	37	0.42
<i>Ophiophragmus filigraneus</i>		1	0	1	1	2	5	1.00	0.63	0.40	0.21-1.78	10	2.12
<i>Acteocina canaliculata</i>		2	0	0	0	0	2	0.40	0.80	1.60	0.00-1.39	22	0.85
<i>Amygdalum papyrium</i>		0	1	1	3	0	5	1.00	1.10	1.20	0.00-2.35	11	2.12
<i>Anomalocardia auberiana</i>		0	1	0	1	0	2	0.40	0.49	0.60	0.00-1.00	23	0.85
<i>Caecum pulchellum</i>		24	13	18	14	5	74	14.80	6.24	2.63	7.05-22.54	1	31.36
<i>Lucina pectinata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	38	0.42
<i>Lyonsia hyalina floridana</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	24	0.85
<i>Macoma</i> sp. A		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	39	0.42
<i>Mitrella lunata</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	40	0.42
<i>Nassarius vibex</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	41	0.42
<i>Tagelus divisus</i>		0	2	1	1	0	4	0.80	0.75	0.70	0.00-1.72	13	1.69
<i>Tellina versicolor</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	42	0.42
<i>Turbonilla</i> sp. D		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	43	0.42

#### POLYCHAETES

<i>Haploscoloplos foliosus</i>		1	0	1	0	0	2	0.40	0.49	0.60	0.00-1.00	25	0.85
<i>Aricidea philbinae</i>		0	1	0	0	1	2	0.40	0.49	0.60	0.00-1.00	26	0.85
<i>Paraprionospio pinnata</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	44	0.42
<i>Polydora plena</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	45	0.42
<i>Prionospio heterobranchia</i>		1	1	1	0	0	3	0.60	0.49	0.40	0.00-1.20	17	1.27
<i>Scolelepis (Scolelepis) texana</i>		0	2	2	0	0	4	0.80	0.98	1.20	0.00-2.01	14	1.69
<i>Spio pettiboneae</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	46	0.42
<i>Streblospio benedicti</i>		0	0	0	2	0	2	0.40	0.80	1.60	0.00-1.39	27	0.85
<i>Poecilochaetus johnsoni</i>		0	0	1	0	1	2	0.40	0.49	0.60	0.00-1.00	28	0.85
<i>Spiochaetopterus costarum</i> ocu.		2	0	2	0	0	4	0.80	0.98	1.20	0.00-2.01	15	1.69

Benthic Organisms Collected During Phase II Quarter 4 at Station No. 15 (#60)

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.	95%-C.L.- of-Mean	Rank	% - Total
<i>Caulleriella alata</i>		1	0	2	0	0	3	0.60	0.80	1.07	0.00-1.59	18	1.27
<i>Caulleriella capitata</i>		1	5	1	0	0	7	1.40	1.85	2.46	0.00-3.70	7	2.97
<i>Capitellides jonesi</i>		0	3	1	0	3	7	1.40	1.36	1.31	0.00-3.08	8	2.97
<i>Asychis elongata</i>		0	0	1	0	0	1	0.20	0.40	0.80	0.00-0.69	47	0.42
<i>Eteone heteropoda</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	48	0.42
<i>Phyllodoce (N.) fragilis</i>		1	0	0	0	0	1	0.20	0.40	0.80	0.00-0.69	49	0.42
<i>Podarke obscura</i>		0	2	1	0	0	3	0.60	0.80	1.07	0.00-1.59	19	1.27
<i>Ehlersia sp. A</i>		0	0	0	1	0	1	0.20	0.40	0.80	0.00-0.69	50	0.42
<i>Exogone atlantica</i>		0	1	1	0	0	2	0.40	0.49	0.60	0.00-1.00	29	0.85
<i>Syllides floridanus</i>		0	1	0	0	0	1	0.20	0.40	0.80	0.00-0.69	51	0.42
<i>Glycinde solitaria</i>		1	0	2	1	0	4	0.80	0.75	0.70	0.00-1.72	16	1.69
<i>Mooreonuphis sp.</i>		3	1	2	7	0	13	2.60	2.42	2.25	0.00-5.60	3	5.51
<i>Lumbrineris verrilli</i>		0	0	0	0	1	1	0.20	0.40	0.80	0.00-0.69	52	0.42
<i>Schistomeringos rudolphi</i>		1	4	2	0	0	7	1.40	1.50	1.60	0.00-3.25	9	2.97
<i>Enoplobranchus sanguineus</i>		0	0	2	0	0	2	0.40	0.80	1.60	0.00-1.39	30	0.85
<i>Chone sp.</i>		2	4	2	0	0	8	1.60	1.50	1.40	0.00-3.45	6	3.39
<i>Fabricia sabella</i>		0	0	5	6	0	11	2.20	2.71	3.35	0.00-5.56	4	4.66

Organism	Samples	1	2	3	4	5	Total	Mean	Std -Dev	C.D.
Totals		55	53	68	43	17	236	47.20	17.07	6.17
Number of taxa		19	19	32	14	10	94	18.80	7.41	
Shannon-Weaver H' (log 10)		0.94	1.11	1.30	0.93	0.91	1.32	1.04	0.15	
Dominance (1 - Simpson Index)		0.79	0.91	0.92	0.85	0.90	0.89	0.97	0.01	

## 6. TAXONOMY

[CLASSIFICATIONS HAVE CHANGED SINCE PREPARATION OF THE ORIGINAL MANUSCRIPT. TAXONOMIC LISTING BELOW HAS NOT BEEN CHANGED. SEE APPENDIX 7 FOR AN UPDATED SPECIES LIST.]

Phylum: PORIFERA [Identifications by Mr. Robert Work]

Class: DEMOSPONGEA

Order: Keratosa

Family: Spongiidae

*Spongia tubulifera* Lamarck

*Spongia* sp. indet.

*Ircinia strobilina* (Lamarck, 1816)

*Ircinia felix* (Duchassaing and Mich., 1864)

*Aplysina fistularis* forma *fulva* (Pallas)

*Aplysina cauliformis* (Carter, 1882)

Family: Dysideidae

*Dysidea etheria* (de Laubenfels)

*Dysidea* sp. A

Family: Darwinellidae

*Darwinella* sp.

Order: Haplosclerida

Family: Haliclonaidae

*Haliclona molitba* de Laubenfels

*Haliclona compressa* Duchassaing Michelotti

*Haliclona viridis* (Duchassaing Michelotti)

*Haliclona aquaeductus* Schmidt

*Haliclona doria* de Laubenfels

*Haliclona* sp. A

*Foliolina peltata* Schmidt

*Callyspongia fallax* Duchassaing & Michelotti

*Niphates erecta* Duchassaing & Michelotti

Family: Nepheliospongiidae

*Xestospongia subtriangularis* (Duchassaing)

Order: Poecilosclerida

Family: Tedaniidae

*Tedania ignis* (Duchassaing & Michelotti)

*Lissodendoryx isodictyalis* (Carter)

*Lotrochota birotulata* (Higgin)

Family: Microcionidae

*Microciona* sp. A

Family: Mycalidae

*Mycale angulosa* (Duchassaing & Michelotti)

Order: Halichondriida

Family: Halichondriidae

*Halichondria melanadocia* de Laubenfels

*Halichondria* sp. A

Order: Hadromerida

Family: Spirastrellidae

*Anthosigmella varians* (Duchassaing & Michelotti)

*Spirastrella* sp.

Order: Choristida  
Family: Ancorinidae  
*Myriastru kallifetilla* de Laubenfels  
*Cinachyra* sp. indet.  
Family: Geodiidae  
*Geodia gibberosa* Lamarck  
Family: Craniellidae  
*Cinachyra* sp.  
Family: Chondrillidae  
*Chondrilla nucula* Schmidt  
Demospongiae sp. indet.

Class: CALCAREA Order: Syconose  
Family: Scyphidae  
*Scypha* sp.

Phylum: CORLENERATA (CNIDARIA) [Identifications by Dr. Walter Goldberg]

Class: HYDROZOA  
Hydrozoa spp.

Class: ANTHOZOA  
Anthozoa spp.

Subclass: Hexacorallia

Order: Actiniaria  
Family: Actiniidae  
Actiniidae sp. A  
Actiniidae sp. B  
Actiniidae sp. C  
*Actinia* sp. A

Order: Scleractinia  
Family: Poritidae  
*Porites furcata* Lamarck  
*Porites porites* (Pallas)  
Family: Siderastreidae  
*Siderastrea radians* (Pallas)

Subclass: Octocorallia

Order: Gorgonacea  
Family: Gorgoniidae  
*Leptogorgia setacea* (Pallas)

Order: Telestacea  
Family: Telestidae  
*Telesto riisei*

Phylum: PLATYHELMINTHES

Class: TURBELLARIA  
Turbellaria spp.



Phylum: NEMERTINEA (NEMERTEA, RHYNCOCOELA)  
Nemertinea spp.  
Nemertina sp.

Phylum: NEMATODA  
Nematoda spp.

Phylum: ECTOPROCTA  
Ectoprocta spp.

Phylum: ANNELIDA (Identifications to family level by Mr. Steven Carney - to species by others]

Class: POLYCHAETA

Order: Orbiniida

Family: Orbiniidae 66570  
*Haplogoloplos foliosus* Hartman  
*Haplogoloplos* sp. indet.  
*Naineris laevigata* (Grube)  
*Naineris setosa* (Verrill)  
*Naineris* sp.  
*Scoloplos* (*Scoloplos*) (Muller)  
*Scoloplos* (*Scoloplos*) *capensis* (Day)  
*Scoloplos* (*Leodamas*) *rubra* (Webster)

Family: Paraonidae 66659  
*Aricidea fragilis* Webster  
*Aricidea philbinae* Brown  
*Aricidea* sp.  
*Cirrophorus furcatus* (Hartman)

Order: Cossurida

Family: Cossuridae  
*Cossura* sp.

Order: Spionida

Suborder: Spioniformia

Family: Spionidae  
*Laonice cirrata* (Sars)  
*Malacoceros* sp.  
*Minuspio cirrifera* (Wiren)  
*Minuspio cirrobranchiata* (Day)  
*Paraprionospio pinnata* (Ehlers)  
*Polydora ligni* Webster  
*Polydora socialis* (Schmarda)  
*Polydora* sp. indet.  
*Prionospio cristata* Foster  
*Prionospio fallax* Soderstrom  
*Prionospio heterobranchia* Moore  
*Prionospio* sp.  
*Pseudopolydora pulchra* Carazzi  
*Pseudopolydora* sp.  
*Scolelepis squamata* (Muller)  
*Scolelepis* (*Scolelepis*) *texana* Foster

*Spio pettiboneae* Foster  
*Streblospio benedicti* Webster  
 Family: Magelonidae  
*Magelona pettiboneae* Jones  
*Magelona* sp. A  
*Magelona* sp. B  
 Family: Poecilochaetidae  
*Poecilochaetus johnsoni* Pettibone  
 Suborder: Chaetopteriformia  
 Family: Chaetopteridae  
*Chaetopterus variopedatus* (Renier)  
*Spiochaetopterus costarum oculus* Webster  
 Suborder: Cirratuliformia  
 Family: Cirratulidae  
*Caulleriella alata* (Southern)  
*Caulleriella killariensis* (Southern)  
*Chaetozone setosa* Malmgren  
*Cirratulus* sp.  
*Cirriformia filigera* (della Chianje)  
*Cirriformia* sp. A  
*Cirriformia* sp. B  
*Tharyx annulosus* Hartman  
*Tharyx* sp.  
 Undetermined sp. A  
 Undetermined sp. B  
 Undetermined sp. C  
 Family: Acrocirridae  
*Macrochaeta* sp.  
 Order: Capitellida  
 Family: Capitellidae  
*Capitella capitata* (Fabricius)  
*Capitellides giardi* Mesnil  
*Capitellides jonesi* Hartman  
*Dasybranchus lunulatus* Ehlers  
*Eunotomastus* sp.  
*Leiochrides pallidior* (Chamberlin)  
*Mediomastus ambiseta* (Hartman)  
*Neonotomastus glabrus* Fauchald  
*Notomastus hemipodus* Hartman  
*Notomastus latericeus* Sars  
*Paraleiocapitella mossambica* Thomassin  
*Pseudocapitella* sp.  
*Pseudoleiocapitella* sp.  
*Pulliella* sp.  
*Scyphoproctus platyproctus* Jones  
 Family: Maldanidae  
*Axiothella mucosa* (Andrews)  
*Axiothella* sp.  
*Branchioasychis americana* Hartman  
*Euclymene coronata* Verrill  
*Praxillella* sp.  
 Order: Opheliida  
 Family: Opheliidae  
*Armandia maculata* (Webster)

Family: Scalibregmatidae  
     *Sclerocheilus* sp.  
 Order: Phyllodocida  
 Suborder: Phyllodociformia  
     Family: Phyllodocidae  
         *Eteone heteropoda* Hartman  
         *Eulalia (Eumida) sanguinea* Oersted  
 CHECK      *Phyllodoce (Anaitides) arenae* Webster  
             *Phyllodoce (Nereiphylla) fragilis* Webster  
 Suborder: Aphroditiformia  
     Family: Polynoidae  
         *Harmothoe aculeata* Andrews  
         *Lepidonotus variabilis* Webster  
         Undetermined sp. A  
         Undetermined sp. B  
         Undetermined sp. C  
         Undetermined sp. D  
         Undetermined sp. E  
     Family: Polyodontidae  
         *Panthalis pustulata* Treadwell  
     Family: Eulepethidae  
         *Grubeulepis sulcatisetis* (Jones)  
     Family: Sigalionidae  
         *Ehlersileanira* sp. indet.  
         *Pholoe minuta* (Fabricius)  
         *Sthenelais boa* (Johnston)  
     Family: Chrysopetalidae  
         *Bhawania goodei* Webster  
         *Palaenotus debilis* (Grube)  
 Suborder: Nereidiformia  
     Family: Hesionidae  
         *Gyptis brevivalpa* (Hartman-Schroder)  
         *Microphthalmus* sp.  
         *Parahesione luteola* (Webster)  
         *Podarke obscura* Verrill  
     Family: Pilargidae  
         *Ancistrostylis* sp. indet.  
     Family: Syllidae  
         *Autolytus* sp. A  
         *Autolytus* sp. B  
         *Branchiosyllis oculata* Ehlers  
         *Brania* sp. A  
         *Brania* sp. B  
         *Brania* sp. indet.  
         *Brania* spp.  
         *Campesyllis minor* Chamberlin  
         *Ehlersia* sp. A  
         *Ehlersia* sp. B  
         *Eudontosyllis aciculata* Knox  
         *Eusyllis* sp.  
         *Exogone arenosa* Perkins  
         *Exocone atlantica* Perkins  
         *Exogone dispar* (Webster)  
         *Exogone verugera* (Claparede)

*Haplosyllis indica* Grube  
*Odontosyllis* sp.  
*Parasphaerosyllis indica* Monro  
*Plakosyllis quadrioculata* Perkins  
Procereae sp.  
*Sphaerosyllis labrinthophila* Gardiner Wilson  
*Sphaerosyllis longicauda* Webster & Benedict  
*Sphaerosyllis magnidentata* Perkins  
*Sphaerosyllis piriferopsis* Perkins  
*Sphaerosyllis riseri* Perkins  
*Sphaerosyllis taylori* Perkins  
*Sphaerosyllis* sp. A  
*Sphaerosyllis* sp. B  
*Sphaerosyllis* sp. indet.  
*Sphaerosyllis* n. sp. A  
*Sphaerosyllis* spp.  
*Sphaerosyllis* sp.  
*Streptosyllis* sp.  
*Syllides* sp.  
*Typosyllis alternata* Moore  
*Typosyllis* sp. A  
*Typosyllis* sp. B  
*Typosyllis* sp. C  
*Typosyllis* sp. D  
*Typosyllis* sp. E  
*Typosyllis* sp. F  
*Typosyllis* sp. G  
*Typosyllis* sp. H  
*Typosyllis* sp. I  
*Typosyllis* sp. J  
*Typosyllis* sp. K  
*Typosyllis* sp. L  
*Typosyllis* sp. M  
*Typosyllis* sp. N  
*Typosyllis* sp. O  
Undetermined sp. A (Exogoninae)  
Undetermined sp. B (Exogoninae)  
Undetermined sp. A (Eusyllinae)  
Undetermined sp. B (Eusyllinae)  
Undetermined sp. C (Eusyllinae)  
Undetermined sp. D (Eusyllinae)  
Undetermined sp. (Syllinae)

Family: Nereidae

*Ceratocephals* sp.  
*Ceratonereis irritabilis* (Webster)  
*Ceratonereis mirabilis* Kinberg  
*Nereis (Neanthes) succinea* Frey & Leuckart  
*Nereis (Nereis) falsa* Quatrefages  
*Nereis (Nereis)* sp.  
*Platynereis dumerilii* (Audouin Milne-Edwards)

Suborder: Glyceriformia

Family: Glyceridae

*Glycera abbranchiata* Treadwell  
*Glycera tessellata* (Grube)

*Glycera* sp.  
 Family: Goniadidae  
*Glycinde solitaria* Webster  
 Suborder: Not recognized  
 Family: Nephtyidae  
*Nephtys (Aglaothamum)* sp.  
 Order: Amphionomida  
 Family: Amphionomidae  
*Chloea viridis* Schmarda  
*Pseudeurythoe ambigua* (Monro)  
 Order: Eunicidae  
 Family: Onuphidae Kinberg, 1865  
*Diopatra cuprea* Bosc  
*Onuphis (Nothria)* sp. Audouin and Milne-Edwards, 1833  
 Family: Eunicidae Berthold, 1827  
*Eunice afra* Peters, 1854  
*Eunice kinbergi* Webster  
*Eunice vittatopsis* Fauchald  
*Lycidice ninetta* Audouin & Milne-Edwards  
*Marphysa sanguinea* (Montagu)  
*Nematonereis unicornis* (Grube)  
 Family: Lumbrineridae Schmarda, 1861  
*Lumbrinerides aberrans* (Day)  
*Lumbrineris albidentata* Ehlers  
*Lumbrineris ernesti* Perkins  
*Lumbrineris impatiens* (Claparede)  
*Lumbrineris januarii* (Grube)  
*Lumbrineris latreilli* Audouin and Milne-Edwards, 1834  
*Lumbrineris tenuis* Verrill  
*Lumbrineris verrilli* Perkins  
 Family: Arabellidae  
*Arabella mutans* (Chamberlin)  
*Drilonereis longa* Webster  
 Family: Dorvilleidae Chamberlin, 1919  
*Dorvillea rubra* (Grube, 1856)  
*Schistomeringos pectinata* (Perkins)  
*Schistomeringos rudolphi* (Delle Chiaje, 1828)  
 Order: Oweniida  
 Family: Oweniidae Rioja, 1917  
*Galathowenia africana* Kirkegaard, 1959  
*Oweni fusiformis* delle Chiaje, 1841  
 Order: Flabelligerida  
 Family: Flabelligeridae Saint-Joseph, 1894  
*Pherusa ehlersi* (Day)  
*Piromis eruca* (Claparede)  
 Order: Terebellida CHECK  
 Family: Sabellariidae Johnston, 1865  
*Sabellaria vulgaris* Verrill  
 Family: Pectinariidae Quatrefages, 1866  
*Pectinaria gouldi* Verrill  
 Family: Ampharetidae Malmgren, 1866  
*Amphicteis gunneri* (Sars, 1835)  
*Isolda pulchella* Muller  
*Melinna maculata* Webster

Family: Terebellidae Malmgren, 1867  
*Loimia medusa* (Savigny, 1818)  
*Pista cristata* (O. F. Mueller, 1776)  
*Polycirrus carolinensis* Day  
*Polycirrus eximius* (Leidy)  
*Scionides reticulata* Ehler  
*Streblosoma hartmanae* Kritzler  
*Terebella rubra* (Verrill)  
*Thelepus setosus* (Quatrefages)  
Undetermined sp. indet.

Family: Trichobranchidae  
*Terebellides stroemi* Sars  
*Trichobranchus gracialis* Malmgren

Order: Sabellida  
Family: Sabellidae  
*Branchiomma nigromaculata* (Baird)  
*Chone americana* Day  
*Chone* sp.  
*Fabricia sabella* (Ehrenberg)  
*Megalomma* n. sp. Perkins (unpubl.)  
*Pseudobranchiomma emersoni* Jones  
*Pseudopotamilla* sp.  
*Sabella microphthalma* Verrill  
*Sabella variegata* Croyer  
*Sabellastarte* sp.  
Sabellidae sp. A  
Sabellidae sp. B  
Sabellidae sp. C

Family: Serpulidae  
*Hydroides crucigera* Morch  
*Hydroides dianthus* (Verrill)  
*Hydroides* sp. indet.  
*Membranopsis inconspicus* Bush  
*Pomatostegus stellatus* (Abildgaard)  
*Serpula* sp. indet.  
*Subprotula* sp. indet.

Family: Spirorbidae  
*Spirorbis* sp. indet.

Class: OLIGOCHAETA  
Oligochaeta spp.

Phylum: SIPUNCULA [Identifications by Dr. P. A. McLaughlin]  
Sipuncula sp. A  
Sipuncula sp. B  
Sipuncula sp. C  
Sipuncula sp. D  
Sipuncula sp. E  
Sipuncula spp.  
*Phascolion caupo* Hendrix  
*Phascolion cryptus* Hendrix  
*Phascolion* sp. indet.

Phylum: ARTHROPODA [Except as noted below, identifications by Dr. P. A. McLaughlin]

Superclass: CRUSTACEA

Class: OSTRACODA

Subclass: Ostracoda

Ostracoda spp.

Subclass: Podocopa

Podocopa spp.

Subclass: Myodocopa

Myodocopa spp.

Class: COPEPODA

Harpachoida spp.

Calanoida spp. C

opepoda spp.

Class: BRANCHIURA

Family: Argulidae

*Argulus* sp. A

Class: CIRRIPEDIA

Order: Thoracica

Suborder: Balanomorpha

Family: Balanidae

*Balanus eburneus* Gould

*Balanus improvisus* Darwin

*Balanus trigonus* Darwin

*Balanus venustus* Darwin

Class: MALACOSTRACA

Subclass: Phyllocarida

Order: Leptostraca

Suborder: Nebaliacea

Family: Nebaliidae

*Paranebalia longipes* (Willemoes-Suhm)

Order: Stomatopoda

*Meiosquilla schmitti* (Lemos de Castro)

Subclass: Eumalacostraea

Superorder: Peracarida

Order: Mysidacea

Suborder: Mysida

Family: Mysidae

*Amathimysis cherados* Brattegard

*Heteromysis formosus* Smith

*Heteromysis nouveli* Brattegard

*Heteromysis* sp. indet.

*Mysidopsis bigelowi* Tattersall

*Mysidopsis furca* Bowman

*Mysidopsis* sp. indet.

Mysidae larva

Mysida juvenile

Mysida sp. indet.

Order: Cumacea

Cumacea sp. A

Cumacea sp. B  
 Cumacea sp. C  
 Cumacea sp. D  
 Cumacea sp. E  
 Cumacea sp. F  
 Cumacea sp. G  
 Cumacea sp. H  
 Cumacea sp. I  
 Cumacea sp. J  
 Cumacea sp. K  
 Cumacea sp. L  
 Cumacea sp. M  
 Cumacea sp. N  
 Cumacea sp. O  
 Cumacea sp. indet.  
 Family: Bodotriidae  
   *Bodotria* sp. A  
   *Bodotria* sp. B  
   *Iphione* sp. A  
   *Gigacuma* sp. A  
   *Cyclaspis varians* Calmann  
   *Cyclaspis* sp. indet.  
   *Mancocuma* sp. A  
   *Vaunthompsonia minor* Zimmer  
   *Vaunthompsonia floridana* Basescu  
 Family: Nannastracidae  
   *Almyracuma* sp. A  
   *Cumella agglutinata* Basescu CHECK  
   *Cumella caribbeana* Basescu  
   *Cumella coralicola* Basescu  
   *Cumella tripunctata*  
   *Nannastracidae* sp. 1  
   *Nannastracidae* sp. 2  
 Family: Diastylidae  
   *Oxyurostylis smithii* Smith  
   *Oxyurostylis* sp. A  
 Order: Tanaidacea  
 Suborder: Monokonophora  
   Monokonophora spp.  
   Family: Apseudidae  
     *Apseudes* sp. A.  
     Apseudidae sp. A  
     Apseudidae sp. B  
     Apseudidae sp. C  
   Family: Kalliapseudidae  
     *Kalliapseudes* n. sp. A  
 Suborder: Dikonophora  
   Family: Tanaidae  
     *Tanais* sp. A  
     *Zeuxo* sp. A  
     Tanaidae sp. A  
     Tanaidae sp. C  
   Family: Neotanaidae  
     Neotanaidae sp. A



Neotanaidae sp. B  
 Neotanaidae sp. C  
 Neotanaidae sp.  
 Family: Paratanaidae  
   Paratanaidae spp.  
   Paratanaidae sp. A  
   Paratanaidae sp. B  
   Paratanaidae sp. C  
   Paratanaidae sp. D  
   *Leptocheila savignyi* (Kroyer)  
   Dikonophora sp. indet.  
 Order: Isopoda [Identifications by Ms Sara Ann F. Treat]  
   Isopoda sp. indet.  
 Suborder: Asellota  
 Superfamily: Paraselloidea  
   Family: Jaeropsidae  
     *Jaeropsis rathbunae*  
   Family: Janiridea  
     *Carpias minutus*  
     *Carpias stylodactylus* (Noblis)  
     *Carpias* sp. A  
     *Carpias* sp. B  
   Family: Munnidae  
     Munnidae genus A sp. 1  
     Munnidae sp. indet.  
   Family: Antiasidae  
     *Antias milleri*  
 Suborder: Plabellifera  
 Superfamily: none  
   Family: Sphaeromidae  
     *Cymodoce faxoni* Richardson  
     *Paracerceis caudata* (Say)  
   Family: Cirolanidae  
     *Alcirona krebsii*  
     *Cirolana parva* Hansen  
     *Cirolana sphaeroformis*  
     Cirolanidae sp. indet.  
   Family: Excorollanidae  
     *Excorollana* sp. A  
   Family: Limnoriidae  
     *Limnoria platycaudata* Menzies  
     *Limnoria simulata* Menzies  
   Family: Serolidae  
     *Serolis morayi* Menzies & Frankenberg  
     Flabellifera sp. indet.  
 Suborder: Anthuridea  
 Superfamily: none  
   Family: Anthuridae  
     *Acanthura magnifica* Menzies & Frankenberg  
     *Mesanthura decorata* Menzies & Glynn  
     *Panathura formosa* Menzies & Frankenberg  
     Anthuridae sp. indet.  
   Family: Paranthuridae Menzies & Glynn, 1968  
     *Paranthura* sp. A Bate & Westwood, 1868

Parathuridae sp. indet. Menzies & Glynn, 1968

Suborder: Valvifera

Superfamily: none

Family: Idoteidae Samouelle, 1819

*Edotea montosa* (Stimpson)

*Erichsonella filiformis isabelensis* Menzies

*Erichsonella floridana* Richardson, 1901

*Erichsonella* sp. indet. Benedict in Richardson, 1901

Suborder: Oniscoidea

Oniscoidea sp. indet.

Order: Amphipoda

Amphipoda juvenile

Suborder: Gammaridea

Family: Ampeliscidae

*Ampelisca abdita* Mills

*Ampelisca agassizzi* (Judd)

*Ampelisca holmesi*

*Ampelisca schellenbergi* Shoemaker

*Ampelisca vadorum* Mills

*Ampelisca verilli* Mills

Family: Amphiloichidae

*Amphiloichus casahoya* McKinney

*Amphiloichus neopolitanus* Della Valle

Family: Amphithoidae

*Ampithoe longimana* Smith

*Ampithoe ramondi*

*Ampithoe* sp.

*Cymadusa compta* (Smith)

*Cymadusa filosa* Savigny

Family: Anamixidae

*Anamixis hanseni* Stebbing

Family: Aoridae

*Grandidierella bonnieroides* Stephenson

*Lembos brunneomaculatus* Myers

*Lembos dentischium* Myers

*Lembos kunkelae* Myers

*Lembos rectangulatus* Myers

*Lembos setosus* Myers

*Lembos smithi* (Holmes)

*Lembos spinicarpus* (Pearse)

*Lembos tigrinus* Myers

*Lembos unicornis* Bynum & Fox

*Lembos unifasciatus* Myers

*Lembos* sp. indet.

*Microdeutopus myersi* Bynum & Fox

*Microdeutopus anomalus* (Rathke)

Family: Atylidae

*Atylus urocarinatus* McKinney

Family: Bateidae

*Carinobatea carinata* Shoemaker

*Carinobatea cuspidata* Shoemaker

*Batea catharinensis* Muller

Family: Colomastigidae

*Colomastix janiceae* Heard & Perlmutter

Family: Corophiidae  
     *Cerapus* n. sp.  
     *Chevalia aviculae* Walker  
     *Chevalia* n. sp.  
     *Corophium acherusicum* Costa  
     *Corophium tuburcluatum* Shoemaker  
 Family: Gammaridae Latreille, 1802  
     *Ceradocus sheardi* Shoemaker  
     *Ceradocus shoemakeri* Fox  
     *Ceradomaera* n. sp.  
     *Dulichella appendiculata* (Say)  
     *Elasmospus* n. sp.  
     *Elasmospus laevis* (Smith)  
     *Elasmospus mayo* Barnard  
     *Elasmospus rapax* Costa  
     *Maera* n. sp.  
     *Melita elongata* Sheridan, 1979  
     *Melita nitida* Smith  
     *Tabatzius muelleri* (Ortiz)  
 Family: Hadzidae  
     *Protohadzia schoenerae* (Fox)  
 Family: Ischyroceridae  
     *Erichthonius brasiliensis* (Dana)  
     *Erichthonius rubricornis* (Stimpson)  
     *Photis pugnator* Shoemaker  
     *Photis* sp.  
 Family: Leucothoidae  
     *Leucothoides pottsi* Shoemaker  
     *Leucothoe spinicarpa* Abildgaard  
 Family: Liljeborgiidae  
     *Listriella barnardi* Wigley  
 Family: Lysianassidae  
     *Lysianasia alba* (Holmes)  
 Family: Ochlesidae  
     *Ochlesidae* n. g., n. sp.  
 Family: Oediceratidae  
     *Monoculodes nyei* Shoemaker  
 Family: Philantidae  
     *Heterophilias seclusus* Shoemaker  
 Family: Phoxocephalidae  
     *Paraphoxus floridanus* Shoemaker  
     *Paraphoxus spinosus* Holmes  
 Family: Sebiidae  
     *Seba tropica* McKenney  
 Family: Stenothoidae  
     *Parametopella inguilinus* Watling  
     *Stenothoe gallensis*  
     *Stenothoe* sp.  
 Family: Tironidae  
     *Tiron tronakis*  
 Family: Synopidae  
     *Synopia caraibica* Bovallius  
 Suborder: Caprellidae  
     *Deutella mayeri* Stebbing

*Leuconacia incerta* Mayer  
*Acuminodeutopus naglei* Bousfield  
*Eudevenopus bonduranus* Thomas & Barnard  
*Eusirus crassi* Stebbing  
*Orchestia grillus* Bose  
*Podogerus brasiliensis* (Dana)  
*Synchelidium americanus* Bousfield  
*Tethygenia longleyi* (Shoemaker)  
*Foxiphalus* sp.  
*Metopa* sp. indet.  
*Neomegamorphus* n. sp.  
*Rhepoxynius* sp. indet.  
*Caprella equilibra* Say  
*Caprella peutaotis*  
*Hemiproto wigleyi* McCain  
*Metaprotella hummelincki* McCain  
*Paracaprella pusilla* Mayer  
*Pseudaginella antiquae* Barnard  
*Megaluropus myersi* McKineey

Superorder: Eucarida

Order: Decapoda

Decapod larva

Decapod zoea

Suborder: Dendrobranchiata

Superfamily: Penaeoidea

Family: Penaeidae

*Metapenaeopsis goodei*

*Penaeus duorarum duorarum* Burkenroad

*Penaeus brasiliensis*

*Sicyonia laevigata* Stimpson

Penaeidae post larva

Suborder: Pleocyemata

Infraorder: Caridea

Caridea post larva

Caridea sp. indet.

Superfamily: Palaemonoidea

Family: Palaemonidae

*Leander tenuicornis* (Say)

*Potonia* post larva

*Periclimenes americanus* (Kingsley)

*Periclimenes iridescens* Lebour

*Periclimenes longicaudatus* (Stimpson)

Palaemonidae sp. indet.

Superfamily: Alpheidea

Family: Alpheidae

*Alpheus armillatus* Milne-Edwards

*Alpheus floridanus* Kingsley

*Alpheus heterochaelis* Say

*Alpheus normanni* Kingsley

*Alpheus* sp. A

*Alpheus* sp. B

*Alpheus* sp. indet.

*Synalpheus agelas*

*Synalpheus apioceros* Coutiere

*Synalpheus hemphilli* Coutiere  
*Synalpheus minus* Say  
*Alpheides* sp. indet.  
 Family: Crangonidae  
*Automate rectifrons*  
 Family: Hippolytidae  
*Hippolyte pleuracanthus* (Stimpson)  
*Hippolyte zostericola* (Smith)  
*Hippolyte* juvenile  
*Hippolyte* sp. indet.  
*Latreutes fucorum* (Fabricius)  
*Thor dobkini* Chace  
*Thor floridanus* Kingsley  
*Thor manningi* Chace  
*Thor* sp. indet.  
*Tozeuma carolinense* Kingsley  
 Hippolytidae post larva  
 Family: Processidae  
*Ambidexter symmetricus* Manning and Chase  
*Processa bermudensis* Rankin  
*Proccssa hemphilli*  
*Processa* sp. indet.  
 Infraorder: Palinura  
 Superfamily: Palinuroidea  
 Family: Palinuridae  
*Panulirus argus* (Latreille)  
 Infraorder: Anomura  
 Superfamily: Coenobitoidea  
 Family: Diogenidae  
*Paguristes invisissacculus* McLaughlin & Provenzano  
*Paguristes tortugae* Schmitt  
*Paguristes* juvenile  
 Superfamily: Paguroidea  
 Family: Paguridae  
*Pagurus maclaughlinae* Garcia-Gomez  
*Pagurus stimpsoni* Milne-Edwards & Bouvier  
*Pagurus* sp. indet.  
 Paguridae megalopa  
 Superfamily: Galattheoidea  
 Family: Porcellanidae  
*Petrolisthes armatus* (Gibbes)  
*Petrolisthes* sp. indet.  
*Polyonyx gibbesi* Haig  
 Suborder: Pleocyemata  
 Infraorder: Brachyura [Identifications by Mr. Rafael Lemaitre]  
 Superfamily: Majoidea  
 Family: Majidae  
*Collodes* sp. indet.  
*Epialtus dilatatus elongata* Rathbun  
*Epialtus* sp. indet.  
*Libinia dubia* Milne-Edwards  
*Libinia erinacea* (Milne-Edwards)  
*Macrocoeloma trispinosum* (Latreille)  
*Microphrys bicornutus* (Latreille)

*Microphrys interruptus* Rathbun  
*Microphrys* juvenile  
*Microphrys* sp. indet.  
*Mithrax* (*Mithraculus*) *forcerps* (Milne-Edwards)  
*Mithrax* sp. indet.  
*Pelia mutica* (Gibbes)  
*Pitho lherminieri* (Schramm)  
*Pitho aculeata* (Gibbes)  
*Pitho anisodon*  
*Pitho* sp. indet.  
*Podochela riisei* Stimpson  
 Superfamily: Parthenopoidea  
     Family: Parthenopidae  
         *Parthenope granulata* (Kingsley)  
 Superfamily: Portunoidea  
     Family: Portunidae  
         *Callinectes ornatus* Ordway  
         *Callinectes sapidus* Rathbun  
         *Callinectes* spp. (juveniles)  
         *Portunus depressifrons* Stimpson  
         *Portunus gibbesi* (Stimpson)  
         *Portunus ordwayi* (Stimpson)  
         *Portunus spinimanus* Latreille  
         *Portunus* sp. A  
         *Portunus* sp. indet.  
         Portunidae sp. indet.  
 Superfamily: Xanthoidea  
     Family: Xanthidae  
         *Haxapanopeus caribbaeus* (Stimpson)  
         *Hexapanopeus* sp. A  
         *Menippe mercenaria* (Say)  
         Micropanope juvenile  
         Micropanope sp. indet.  
         *Neopanope packardii* (Kingsley)  
         *Panopeus bermudensis* Benedict & athbun  
         *Panopeus occidentalis* Saussure  
         *Panopeus* sp. indet.  
         *Pilumnus lacteus* Stimpson  
         *Pilumnus* sp. indet.  
         *Rhithropanopeus harrisi* (Gould)  
         Xanthidae juvenile  
         Xanthidae sp. indet.  
     Family: Goneplacidae  
         *Eucrotopsis crassimanus* (Dana)  
 Superfamily: Pinnotheroidea  
     Family: *Pinnotheridae floridana* Rathbun  
         *Pinnixa* sp.  
         *Pinnixa* sp. A  
         *Pinnixa* sp. B  
         *Pinnotheridae megalopa*  
 Superclass: PYCNOGONIDA  
     Pycnogonida spp.  
 Superclass: INSECTA  
     Insecta larva

Phylum: MOLLUSCA [Identifications by Mr. George Darcy]

Class: GASTROPODA

Subclass: Prosobranchia

Order: Archaeogastropoda

Family: Fissurellidae

*Diodora cayenensis* (Lamarck)

*Diodor listeri*

*Scissurella cingulata*

Family: Acmaeidae

*Acmaea pustulata* (Helbling)

Family: Trochidae

*Calliostoma adela* Schwengel

*Tegula fasciata* (Born)

Family: Turbinidae

*Turbo castanea* Gmelin

*Astraea phoebia* Roding

*Astraea tecta americana* (Gmelin)

*Parviturbo rehderi*

Family: Phasianellidae

*Tricolia affinis* (C. B. Adams)

*Tricolia bella*

Family: Neritidae

*Smaragdia viridis* (Linnaeus)

Order: Mesogastropoda

Family: Rissoinidae

*Rissoina cancellata* Philippi, 1847

*Rissoina catesbyana* Orbigny, 1842

*Zebina browniana* (d'Orbigny, 1842)

*Amphithalamus valle* Aguayo and Jaume, 1947

Family: Rissoellidae Gray, 1850

*Rissoella caribaea* Rehder, 1943

Family: Tornidae

*Cochliolepis parasitica* Stimpson, 1858

Family: Caecidae Gray, 1815 71372

*Caecum pulchellum* Stimpson, 1851

*Caecum floridanum* Stimpson, 1851

*Caecum hedalum* Olsson and Harbison, 1953

*Caecum imbricatum* Carpenter, 1858

*Caecum plicatum* Carpenter, 1858

*Caecum antillarum* Carpenter, 1858

*Meioceras nitida* (Stimpson)

Family: Turritellidae Clarke, 1851

*Vermicularia spirata* (Philippi, 1836)

*Vermicularia knorrii* (Deshayes, 1843)

Family: Modulidae

*Modulus modulus* (Linnaeus, 1758)

Family: Cerithiidae

*Cerithium litteratum* (Born, 1778)

*Cerithium eburneum* Bruguiere, 1792

*Cerithium muscarum* Say, 1822

*Bittium varium* (Pfeiffer, 1840)

*Cerithiopsis greenii* (C. B. Adams, 1839)

*Alba incerta* (Orbigny)  
*Seila adamsi* (H. C. Lea)  
 Family: Triphoridae  
*Triphora nigrotincta* (C. B. Adams)  
 Family: Eulimidae  
*Strombiformis hemphilli* (Dall)  
*Eulima jamaicensis* C. B. Adams  
*Eulima* sp. A  
*Eulima* sp. B  
*Eulima* sp. C  
 Family: Crepidulidae  
*Crepidula maculosa* Conrad  
*Crepidula aculeata* (Gmelin)  
*Crepidula plana* Say  
 Family: Strombidae  
*Strombus raninus* (Gmelin)  
 Family: Eratoidae  
*Erato maugeriae* Gray  
*Trivia quadripunctata* (Gray)  
 Family: Naticidae  
*Natica canrena* (Linnaeus)  
*Haliotinella patinaria* (Guppy)  
 Order: Neogastropoda  
 Family: Muricidae  
*Murex recurvirostris rubidus* F. C. Baker  
*Favartia cellulosa* (Conrad)  
*Eupleura sulcidentata* Dall  
*Urosalpinx perrugata* (Conrad)  
 Family: Columbelloidea  
*Columbella mercatoria* (Linnaeus)  
*Columbella rusticoidea* Heilprin  
*Mitrella argus* Orbigny  
*Mitrella lunata* (Say)  
*Anachis avara* (Say)  
*Anachis obesa* (C. B. Adams)  
*Anachis hotessieniana* (Orbigny)  
 Family: Buccinidae  
*Bailya intricata* (Dall)  
*Cantharus multangulus* (Philippi)  
*Pisania tinctoria* (Conrad)  
 Family: Gastropteridae  
*Gastropteron* sp. A  
*Gastropteron* sp. B  
*Gastropteron* sp.  
 Family: Nassariidae  
*Nassarius vibex* (Say)  
*Nassarius albus* (Say)  
 Family: Fasciolaridae  
*Fasciolaria tulipa* (Linnaeus)  
 Family: Olividae Latreille, 1825  
*Olivella floralia* (Duclos, 1853)  
*Olivella pusilla* (Marrat, 1871)  
*Olivella perplexa* Olsson, 1956  
 Family: Mitridae Swainson, 1931



*Vexillum albocinctum* (C. B. Adams, 1845)  
*Vexillum hanleyi* (Dohrn, 1862)  
*Vexillum gemmatum* (G. B. Sowerby II, 1874)  
*Thais foveata* (Sowerby)

Family: Marginellidae 74378  
*Marginella apicina* Menke  
*Marginella eburneola* Conrad  
*Marginella lavalleana* Orbigny  
*Marginella aureocincta* Stearns  
*Granulina ovuliformis* (Orbigny)  
*Hyalina avena*  
*Hyalina veliei* (Pilsbry)  
*Persicula catenata* (Montagu)

Family: Conidae  
*Conus jaspideus* Gmelin

Family: Turridae  
*Crassispira leucocyma* Dall  
*Kurziella* sp.  
*Mangelia* sp.

Subclass: Opisthobranchia

Family: Pyramidellidae  
*Pyramidella crenulata* (Holmes)  
*Odostomia* sp. A  
*Odostomia* sp. B  
*Odostomia* sp. C  
*Odostomia* sp. D  
*Odostomia* sp. E  
*Odostomia* sp. F  
*Turbonilla* sp. A  
*Turbonilla* sp. B  
*Turbonilla* sp. C  
*Turbonilla* sp. D  
*Turbonilla* sp. E  
*Turbonilla* sp. F  
*Turbonilla* sp. G

Order: Cephalaspidea

Cephalaspidae sp. A

Family: Acteonidae  
*Acteon punctostriatus* (C. B. Adams)

Family: Acteocinidae  
*Acteocina canaliculata* (Say)

Family: Retusidae  
*Volvulella persimilis* (Morch)

Family: Bullidae  
*Bulla striata* Bruguiere

Family: Haminoeidae  
*Haminoea antillarum* (Orbigny)  
*Haminoea elegans* (Gray)  
*Haminoea succinea* (Conrad)

Family: Volvatellidae  
*Cylindrobulla beauui* P. Fischer

Family: Plakobranchidae

*Elysia* sp. A

*Elysia* sp. B

Family: Aplysiidae

*Bursatella leachii pleii* Rang

Aplysiidae sp. A

Family: Dotodae

*Doto* sp. A

Suborder: Aeolidiidae

Aeolidiidae sp. A

Class: SCAPSOPODA

Family: Dentaliidae

*Dentalium antillarum* Orbigny

Class: POLYPLACOPHORA

Family: Ischnochitonidae

*Ischnochiton papillosus* (C. B. Adams)

Family: Chaetopleuridae

*Chaetopleura apiculata* (Say)

Family: Acanthochitonidae

*Acanthochitona pygmaea* (Pilsbry)

*Acanthochitona spiculosa*

*Cryptoconchus floridanus* (Dall)

Class: BIVALVIA

Bivalve sp. A

Order: Nuculoida

Family: Nuculidae

*Nucula proxima* Say

Family: Solemyidae

*Solemya occidentalis*

Family: Arcidae

*Arca zebra* (Swainson)

*Arca imbricata* Bruguiere

*Barbatia cancellaria* (Lamarck)

*Barbatia candida*

*Anadara notabilis* (Roding)

*Arcopsis adamsi* (Dall)

Family: Limopsidae

*Limopsis* sp.

Family: Glycymerididae

*Glycymeris pectinata* (Gmelin)

Order: Mytiloida

Family: Mytilidae

*Brachidontes exustus* (Linnaeus)

*Musculus lateralis* (Say)

*Modiolus modiolus squamosus* Beaufourthuy

*Modiolus americanus* (Leach)

*Amygdalum papyrium* (Conrad)

Order: Pteroida

Family: Pteriidae

*Pinctada imbricata* Roding

Family: Pectinidae

*Argopecten irradians concentricus* (Say)  
 Family: Anomiidae  
*Anomia simplex* Orbigny  
 Family: Limidae  
*Lima lima* (Linnaeus)  
*Lima pellucida* C. B. Adams  
 Family: Ostreidae  
*Lopha frons* (Linnaeus)  
*Ostrea equestris* Say  
 Order: Veneroida  
 Family: Lucinidae  
*Linga pensylvanica* (Linnaeus)  
*Linga amiantus* (Dall)  
*Lucina nassula*  
*Lucina pectinata*  
*Parvilucina multilineata* (Tuomey & Bolmes)  
*Parvilucina blanda* Mall & Simpson  
*Codakia obicularis* (Linnaeus)  
*Codakia orbiculata* (Montagu)  
*Pseudomiltha floridana* (Conrad)  
 Family: Ungulinidae  
*Diplodonta punctata* (Say)  
*Diplodonta* sp.  
 Superfamily: Galeommatacea  
 Galeommatacea sp. A  
 Galeommatacea sp. B  
 Galeommatacea sp. C  
 Family: Leptonidae  
 Leptonidae sp. A  
 Family: Carditidae  
*Carditamera floridana* (Conrad)  
*Pleuromeris tridentata* (Say)  
 Family: Cardiidae  
*Trachycardium egmontianum* (Shuttleworth)  
*Trachycardium muricatum* (Linnaeus)  
*Laevicardium laevigatum* (Linnaeus)  
*Laevicardium mortoni* (Conrad)  
*Americardia media* (Linnaeus)  
 Family: Chamidae  
*Chama congregata* Conrad  
 Family: Mactridae  
*Mactra fragilis* Gmelin  
*Mulinia lateralis* (Say)  
 Family: Tellinidae  
*Tellina martinicensis* Orbigny  
*Tellina mera*  
*Tellina similis* Sowerby  
*Tellina alternata* Say  
*Tellina versicolor* DeKay  
*Strigilla carnaria* (Linnaeus)  
*Macoma constricta* (Bruguiere)  
*Macoma tenta* (Say)  
*Macoma brevifrons* (Say)  
*Macoma* sp. A

*Macoma* sp. B  
 Family: Semelidae  
     *Cumingia tellinoides vanhyningi* Rehder  
     *Alba aequalis* (Say)  
 Family: Solecurtidae  
     *Tagelus divisus* (Spengler)  
 Family: Dreissenidae  
     *Mytilopsis leucophaeta* (Conrad)  
 Family: Veneridae  
     *Chione cancellata* (Linnaeus)  
     *Alvania auberiana*  
     *Anomalocardia amber*  
     *Anomalocardia auberiana* (Orbigny)  
     *Gemma gemma* (Totten)  
     *Gouldia cerina* (C. B. Adams)  
     *Parastarte triquetra*  
     *Parastarte* sp. A  
     *Pitar simpsoni* (Dall)  
     *Cyclinella tenuis* (Recluz)  
     *Periglypta listeri* (Gray)  
 Family: Petricolidae  
     *Petricola lapicida* (Gmelin)  
     *Rupellaria typica* (Jonas)  
 Family: Cooperellidae  
     *Cooperella atlantica* Rehder  
 Order: Myoida  
     Family: Corbulidae  
         *Corbula contracta*  
         *Corbula* sp. A  
     Family: Hiatellidae  
         *Hiatella arctica* (Linnaeus)  
 Order: Pholadomyoida  
     Family: Lyonsiidae  
         *Lyonsia hyalina floridana* Conrad  
         *Lyonsia beana* (Orbigny)  
     Family: Thraciidae  
         *Asthenothaerus hemphilli* Dall  
     Family: Cuspidariidae  
         *Cardiomya gemma* Verrill & Bush  
         *Bivalvia* sp. A

Phylum: ECHINODERNATA [Identifications by Mr. George Darcy]

Class: HOLOTHUROIDEA

    Holothuroidea sp. A

    Holothuroidea sp. C

Order: Aspidochirota

    Family: Stichopodidae

*Astichopus multifidus* (Sluiter)

    Family: Holothuriidae

*Holothuria floridana* Pourtales

*Holothuria surinamensis* Ludwig

*Holothuria* sp. indet.

Order: Apoda  
 Family: Synaptidae  
*Leptosynapta parvipatina* Clark  
 Family: Chirodotidae  
*Chiridota rotifera* (Pourtales)  
*Chiridota* sp. A  
*Chiridota* sp. B  
 Chirodotidae juvenile (sp. indet.)

Class: ECHINOIDEA  
 Order: Camarodonta  
 Family: Toxopneustidae  
*Lytechinus variegatus* Leske

Order: Spatangoida  
 Family: Schizasteridae  
*Moira atropus* Lamarck

Class: ASTEROIDEA  
 Order: Spinulosa  
 Family: Echinasteridae  
*Echinaster sentus* Say

Order: Phanerozonia  
 Family: Astropectinidae  
*Astropecten duplicatus* Gray

Class: OPHIUROIDEA  
 Ophiuroidea juvenile

Order: Ophiurida  
 Family: Ophiotrichidae  
*Ophiothrix oerstedii*  
 Family: Amphiuroidae  
*Amphiura stimpsoni* Lutken  
*Amphiura palmeri* Lyman  
*Ophiophragmus pulcher* H. L. Clark  
*Ophiophragmus filigraneus*  
*Ophiostigma isacanthum* (Say)  
*Amphipholis januarii* Ljungman  
*Micropholis gracillima* (Stimpson)  
*Axiognathus squamatus* (Della Chiaje)  
*Amphioplus abdita* Verrill  
*Amphioplus thrombodes*  
*Ophionephthys limicola* Lutken  
*Ophiocnida scabriuscula* (Lutken)  
*Amphiodia pulchella* (Lyman)  
 Family: Ophiodermatidae  
*Ophioderma brevispinum* Lutken  
*Ophioderma* sp. A  
*Ophioderma* sp. B  
 Family: Ophiochitonidae  
*Ophionereis reticulata* (Say)  
 Family: Ophiolepididae  
*Ophiolepis paucispina* (Say)  
 Family: Ophiactidae  
*Ophiactis savignyi* (Muller & Troschel)  
 Family: Ophiocomidae  
*Ophiopsila riisei* Lutken  
 Ophiocomidae juvenile (type C)

Ophiocomidae juvenile (indet.)

Phylum: CHAETOGNATHA

Chaetognatha spp.

Phylum: CHORDATA [Identifications by Mr. George Darcy]

Subphylum: CEPHALOCHORDATA

Cephalochordata

Subphylum: UROCHORDATA

Tunicata sp.

Class: ASCIDIACEA

Ascidiacea spp.

Subphylum: PISCES

Class: OSTEICHTHYES

Order: Batrachoidiformes

Family: Batrachoididae

*Opsanus beta* (Goode & Bean)

Order: Cyprinodontiformes

Family: Cyprinodontidae

*Lucania parva* (Baird)

Order: Gasterosteiformes

Family: Syngnathidae

*Hippocampus erectus* Perry

*Hippocampus zosterae* Jordan & Gilbert

*Micrognathus criniger* (Bean & Dresel)

*Syngnathus floridae* (Jordan & Gilbert)

*Syngnathus pelagicus* Linnaeus

Order: Anguilliformes

Family: Ophichthidae

*Myrophis punctatus* Lutken

Order: Perciformes

Family: Lutjanidae

*Lutjanus synagris* (Linnaeus)

Family: Gerreidae

*Gerres* sp. (Walbaum)

Family: Haemulidae

*Orthopristis chrysoptera* (Linnaeus)

*Haemulon sciurus* (Shaw)

*Haemulon flavolineatum* (Desmarest)

Family: Sparidae

*Lagodon rhomboides* (Linnaeus)

Family: Labridae

*Lachnolaimus maximus* (Walbaum)

*Doratonotus megalepis* Gunther

Family: Scaridae

*Nicholsina usta* (Valenciennes)

*Sparisoma chrysopterus* (Bloch & Schneider)

Family: Clinidae

*Paraclinus fasciatus* (Steindachner)

*Paraclinus marmoratus* (Steindachner)

*Paraclinus nigripinnis* (Steindachner)

Family: Callionymidae

*Callionymus pauciradiatus* Gill  
Family: Gobiidae  
*Gobiosoma robustum* Ginsburg  
*Lophogobius cyprinoides* (Pallas)  
Family: Scorpaenidae  
*Scorpaena brasiliensis* Cuvier  
Order: Pleuronectiformes  
Family: Achiridae  
*Achirus lineatus* (Linnaeus, 1758)  
Order: Tetraodontiformes  
Family: Balistidae  
*Monacanthus hispidus* (Linnaeus, 1766)  
  
Family: Monacanthidae  
*Monacanthus setifer* Bennett, 1831  
*Monacanthus ciliatus* (Mitchill, 1818)  
Family: Ostraciidae  
*Lactophrys quadricornis* (Linnaeus, 1758)  
  
Family: Diodontidae  
*Chilomycterus schoepfii* (Walbaum, 1792)





7. REVISED TAXONOMIC APPENDIX

[SPECIES NAMES AND TAXONOMIC SERIALS NUMBERS AS LISTED IN THE INTEGRATED TAXONOMIC INFORMATION SYSTEM (ITIS) WEBSITE <<http://www.itis.usda.gov/index.html>> IN 2003.]

Scientific Name	ITIS Taxonomic Serial Number (TSN)	Common Name
<i>Aalaenotus debilis</i>	NOT FOUND	
<i>Abra aequalis</i> (Say, 1822)	81302	Atlantic abra
<i>Acanthochiton</i> Herrmannsen, 1846 (currently <i>Acanthochitona</i> Gray, 1821)	79035	chitons
<i>Acanthochitona</i> Gray, 1821 (see <i>Acanthochiton</i> Herrmannsen, 1846)	79033	chitons
<i>Acanthochitona pygmaea</i> (Pilsbry, 1893)	79039	striate glass-hair chiton
<i>Acanthochitona spiculosa</i> Reeve, 1847	79041	chiton
<i>Acanthophora</i> J. V. F. Lamouroux sp.	183216	red algae
<i>Acanthophora spicifera</i> (Vahl) Borgesen	183220	red algae
<i>Acanthostracion quadricornis</i> (Linnaeus, 1758)	173245	scrawled cowfish
<i>Acetabularia crenulata</i>	9235	green algae
<i>Achirus lineatus</i> (Linnaeus, 1758)	172986	lined sole
Aclididae G. O. Sars, 1878	72396	gastropods
<i>Acmaea pustulata</i> Helbling, 1779	69676	gastropod
Acrocirridae Banse, 1969	67188	polychaetes
<i>Acteocina canaliculata</i> (Say, 1826)	76117	channeled barrel-bubble
<i>Acteocina</i> Gray, 1847 sp.	76107	bubbles
<i>Acteon punctostriatus</i> [currently <i>Rictaxis punctostriatus</i> (C. B. Adams, 1840)]	76084	pitted baby-bubble
Actididae sp. A	NOT FOUND	
<i>Actinia</i> Linnaeus, 1758 sp.	52588	anemones
Actiniidae Rafinesque, 1815	52541	anemones
<i>Acuminodeutopus naglei</i>	93493	amphipod
<i>Adaman notabilis</i>	NOT FOUND	
Aeolidiidae Orbigny, 1834	78726	nudibranchs
<i>Aglaophamus</i> Kinberg, 1866 sp.	66047	polychaetes
<i>Alaba incerta</i> (d'Orbigny, 1842)	71969	varicose cerith
<i>Alcirona krebsii</i> Hansen, 1890	92520	isopod
<i>Almyracuma</i> sp.	90978	cumaceans
<i>Alpheides</i> sp.	NOT FOUND	
<i>Alpheus armillatus</i> H. Milne-Edwards, 1837	96611	banded snapping shrimp
<i>Alpheus floridanus</i> Kingsley, 1878	96607	sand snapping shrimp
<i>Alpheus heterochaelis</i> Say, 1818	96602	bigclaw snapping shrimp
<i>Alpheus normanni</i> Kingsley, 1878	96606	green snapping shrimp
<i>Alvania ameriana</i>	NOT FOUND	
<i>Alvania auberiana</i> (d'Orbigny, 1842)	70826	West Indian alvania
<i>Amaeana accraensis</i>	68027	polychaete
<i>Amathimysis cherados</i>	90338	crustacean
<i>Ambidexter symmetricus</i> Manning and Chace, 1971	96963	night shrimp
<i>Ambidexter symmetricus</i> Manning and Chace, 1971	96963	night shrimp

<i>Amblyosyllis formosa</i>	65777	polychaete
<i>Americardia media</i> (Linnaeus, 1758)	80920	atlantic strawberry cockle
<i>Ampelisca abdita</i> Mills, 1964	93329	amphipod
<i>Ampelisca holmesi</i>	93345	amphipod
<i>Ampelisca honesi</i>	NOT FOUND	
<i>Ampelisca neapolitanus</i>	93338	amphipod
<i>Ampelisca schellenbergi</i> Shoemaker, 1933	93346	amphipod
<i>Ampelisca vadorum</i> Mills, 1963	93330	amphipod
<i>Ampelisca verrilli</i> Mills, 1967	93331	amphipod
Ampharetidae Malmgren, 1866	67718	polychaetes
<i>Amphicteis gunneri</i> (Sars, 1835)	67747	polychaetes
<i>Amphilocheus casahoya</i> McInney, 1978	93388	amphipod
<i>Amphilocheus</i> Della Valle, 1893 sp.	93385	amphipods
<i>Amphilocheus neapolitanus</i> Della Valle, 1893	93386	amphipod
Amphinomidae Savigny in Lamarck, 1818	65164	polychaetes
<i>Amphiodia pulchella</i> (Lyman, 1869)	157655	basket stars
<i>Amphioplus abdita</i> Verrill, 1871	157709	basket star
<i>Amphioplus thrombodes</i> H. L. Clark, 1918	157712	basket star
<i>Amphipholis januarii</i> Ljungman, 1886	157680	basket star
<i>Amphipholis squamata</i> (Delle Chiaje, 1829) [see <i>Axiognathus squamatus</i> (Delle Chiaje, 1829)]	157676	basket star
<i>Amphiroa fragilissima</i> (Linnaeus) Lamouroux	12511	red algae
<i>Amphiroa</i> J. V. F. Lamouroux, 1812 sp.	12495	red algae
<i>Amphiroa rigida</i>	12500	red algae
<i>Amphithalamus vallei</i> Aguayo and Jaume, 1947	73203	gastropod
<i>Amphiura palmeri</i> Lyman, 1882	157732	basket stars
<i>Amphiura stimpsoni</i> Lutken, 1859	157729	basket stars
<i>Ampithoe longimana</i> Smith, 1873	93423	amphipod
<i>Ampithoe ramondi</i> Audouin, 1826	202810	amphipod
<i>Amygdalum papyrium</i> (Conrad, 1846)	79529	Atlantic papermussel
<i>Anachis avara</i> (Say, 1822)	73617	greedy dovesnail
<i>Anachis hotessieriana</i> (d'Orbigny, 1842)	73630	gastropod
<i>Anachis obesa</i> C. B. Adams, 1845	73622	fat dovesnail unspecified
<i>Anadara notabilis</i> (Roding, 1798)	79353	eared ark
<i>Anadyomene stellata</i> (Wulfen) C. Agardh	6879	green algae
<i>Anamixis hanseni</i> Stebbing, 1897	93436	amphipod
<i>Anarchopterus criniger</i> (Bean and Dresel, 1884) (see <i>Micrognathus criniger</i> )	166653	fringed pipefish
<i>Ancistrosyllis jonesi</i>	65544	polychaete
<i>Ancistrosyllis</i> McIntosh, 1879 sp.	65541	polychaetes
<i>Anodontia</i> Link, 1807	80432	lucines
<i>Anomalocardia amber</i>	NOT FOUND	
<i>Anomalocardia auberiana</i> (d'Orbigny, 1842)	81603	pointed venus
<i>Anomia simplex</i> d'Orbigny, 1842	79798	common jingle
<i>Anotomastus gordiodes</i>	67472	polychaetes
<i>Anthosigmella varians</i> (Duchassaing & Michelotti)	48466	sponge
<i>Anthozoa</i> Ehrenberg, 1834 sp.	51938	sea anemones
Anthuridae Leach, 1814	92144	isopods
<i>Antias milleri</i>	NOT FOUND	
<i>Apanthura magnifica</i> Menzies and Frankenberg, 1966	92198	isopod
<i>Apanthura</i> Stebbing, 1900A	92157	isopods
Aplysiidae Rafinesque, 1815	78022	gastropods

<i>Aplysina cauliformis</i> (Carter, 1882)	47609	sponge
<i>Aplysina fistularis fulva</i>	47606	sponge
<i>Apoprionospio dayi</i>	67024	polychaete
<i>Apseudes</i> Leach, 1813 sp.	91164	tanaidaceans
Apseudidae Leach, 1814	91163	tanaidaceans
<i>Arabella maculosa</i>	NOT FOUND	
<i>Arabella mutans</i> (Chamberlin)	66444	polychaete
<i>Arabella multidentata</i> (Ehlers, 1887)	204480	polychaete
Arabellidae Hartman, 1944	66422	polychaetes
<i>Arca zebra</i> (Swainson, 1833)	79368	turkey wing
<i>Arcopsis adamsi</i> (Dall, 1886)	79384	Adams ark unspecified
<i>Arenicola cristata</i> Stimpson	67508	polychaete
Arenicolidae Johnston, 1835	67500	polychaetes
<i>Argopecten irradians</i> (Lamarck, 1819)	79737	bay scallop
<i>Argopecten irradians concentricus</i> (Say, 1822)	79740	bay scallop
<i>Argulus</i> Mueller, 1785 sp.	89407	crustaceans
<i>Aricidea fragilis</i> Webster, 1879	66678	polychaete
<i>Aricidea philbinae</i>	66683	polychaete
<i>Aricidea</i> sp.	66666	polychaetes
<i>Aricidea taylori</i>	66684	polychaete
<i>Aricidea</i> Webster, 1879	66666	polychaetes
<i>Armandia agilis</i>	67346	polychaete
<i>Armandia maculata</i>	67347	polychaete
Ascidacea sp.	158854	sessile tunicates
<i>Asclerocheilus</i> Ashworth, 1901 sp.	67317	polychaetes
<i>Asthenothaerus</i> Carpenter, 1864 sp.	81959	thraciid
<i>Asthenothaerus hemphilli</i> Dall, 1886	81960	hemphill thracid
<i>Astichopus multifidus</i> (Sluter, 1910)	158358	fissured sea cucumber
<i>Astraea phoebia</i> Roding, 1798	70098	gastropod
<i>Astraea tecta</i> (Lightfoot, 1786)	70107	gastropod
<i>Astraea tecta americana</i> (Gmelin, 1791)	70109	gastropod
<i>Astropecten duplicatus</i> Gray	156903	two-spined star fish
<i>Asychis elongata</i>	67519	polychaete
<i>Asychis</i> Kinberg, 1867 sp.	67516	polychaetes
<i>Atylus urocarinatus</i> Mckinney, 1980	93525	amphipod
<i>Autolytus</i> Grube, 1850 sp.	65588	polychaetes
<i>Automate rectifrons</i> Chace, 1972	96681	snapping shrimp
<i>Avrainvillea</i> J. Decaisne, 1842 sp.	6945	green algae
<i>Axiognathus squamatus</i> (Delle Chiaje, 1829) [currently	157678	basket star
<i>Amphipholis squamata</i> (Delle Chiaje, 1829)]		
<i>Axiothella mucosa</i> (Andrews)	67566	polychaete
<i>Axiothella</i> Verrill, 1900 sp.	67561	polychaetes
<i>Bailya intricata</i> (Dall, 1884)	73834	intricate phos
<i>Balanus eburneus</i>	89621	barnacle
<i>Balanus improvisus</i>	89622	barnacle
<i>Balanus trigonus</i>	89628	barnacle
<i>Balanus venustus</i>	89630	barnacle
<i>Barautolla</i> sp.	NOT FOUND	
<i>Barbatia cancellaria</i> (Lamarck, 1819)	79380	red-brown ark
<i>Barbatia candida</i> (Helbling, 1779)	79378	white-beard ark
<i>Batea catharinensis</i> Mueller, 1865	93528	amphipod
<i>Batophora oerstedii</i> J. G. Agardh, 1854	9240	green algae
<i>Bemlos brunneomaculatus</i> (Meyer, 1977) (see <i>Lembos</i>	202868	amphipod
<i>brunneomaculatus</i> Myers, 1977)		

<i>Bemlos kunkelae</i> (see <i>Lembos kunkelae</i> Myers, 1977)	202877	amphipod
<i>Bemlos setosus</i> (see <i>Lembos setosus</i> Myers, 1978)	202892	amphipod
<i>Berthelinia caribbea</i> Edmunds, 1963	78002	Caribbean bivalved snail
<i>Bhawania goodei</i>	65158	polychaete
<i>Bittium varium</i> (Pfeiffer, 1840)	72020	grass cerith
<i>Bodotria</i> Goodsir, 1843 sp.	91045	cumaceans
<i>Brachidontes exustus</i> (Linnaeus, 1758)	79519	scorched mussel
<i>Brachyura</i> Latreille, 1803	98276	crustaceans
<i>Branchioasychis americana</i>	67634	polychaete
<i>Branchiomma nigromaculata</i> (Baird, 1865)	68213	polychaete
<i>Branchiosyllis oculata</i>	65848	polychaete
<i>Brania</i> Quatrefages, 1866 sp.	65759	polychaetes
<i>Bulla striata</i> Bruguiere, 1792	76237	striate bubble
<i>Bursatella leachii leachi</i> Blainville, 1817	78053	ragged seahare
<i>Cabira incerta</i>	65565	polychaetes
<i>Caecum antillarum</i> Carpenter, 1858	71441	Antillean caecum
<i>Caecum floridanum</i> Stimpson, 1851	71432	Florida caecum
<i>Caecum heladum</i> Olsson and Harbison, 1953	71454	fine-line caecum
<i>Caecum imbricatum</i> Carpenter, 1858	71387	imbricate caecum
<i>Caecum plicatum</i> Carpenter, 1858	71509	plicate caecum
<i>Caecum pulchellum</i> Stimpson, 1851	71380	beautiful caecum
<i>Calanoida</i> Sars, 1903 sp.	85258	copepods
<i>Callinectes ornatus</i> Ordway, 1863	98699	shelligs
<i>Callinectes sapidus</i> Rathbun, 1896	98696	blue crab
<i>Callionymus pauciradiatus</i> Gill [currently <i>Diplogrammus pauciradiatus</i> (Gill, 1865)]	171738	spotted dragonet
<i>Calliostoma adela</i> Schwengel, 1951	69821	Keys topsnail
<i>Callyspongia fallax</i> Duchassaing & Michelotti	47859	sponge
<i>Campesyllis minor</i>	65833	polychaete
<i>Campylaspis</i>	90933	cumaceans
<i>Cantharus multangulus</i> (Philippi, 1848)	73827	ribbed cantharus
<i>Capitella capitata</i> (Fabricius, 1780)	67415	polychaete
Capitellidae Grube, 1862	67413	polychaetes
<i>Capitellides giardi</i>	67452	polychaete
<i>Capitellides jonesi</i>	67450	polychaete
<i>Caprella equilibra</i> Say, 1918	95410	skeleton shrimp
<i>Caprella peutatis</i>	NOT FOUND	skeleton shrimp
<i>Caprella peutautis</i>	NOT FOUND	skeleton shrimp
Caprellidae Leach, 1814	95375	skeleton shrimp
<i>Cardiomya gemma</i> A. E. Verrill and Bush, 1898	82020	precious cardiomya
<i>Carditamera floridana</i> Conrad, 1838	80781	broad-ribbed carditid
Caridea Dana, 1852	96106	shrimps
<i>Carinobatea carinata</i>	93531	amphipod
<i>Carinobatea cuspidata</i> Shoemaker, 1926	206423	amphipod
<i>Carpas minutus</i> (Richardson, 1902)	92841	isopod
<i>Carpas styloactylus</i> (Nobili, 1906A)	543530	isopod
<i>Caulerpa cupressoides</i> (West) C. Agardh	6983	algae
<i>Caulerpa fastigiata</i> Mont.	6985	algae
<i>Caulerpa vickersiae</i>	6981	algae
<i>Caulleriella alata</i>	67128	polychaete
<i>Caulleriella capitata</i>	NOT FOUND	
<i>Caulleriella killariensis</i> (Southern)	67131	polychaete
<i>Cephalaspidea</i> P. Fischer, 1883 sp.	76047	opisthobranchs

Cephalochordata	159679	lancelets
<i>Ceradocus sheardi</i> Shoemaker	NOT FOUND	
<i>Ceradocus shoemakeri</i>	NOT FOUND	
<i>Ceradomaera</i> sp.	NOT FOUND	
<i>Cerapus</i> Say, 1817 sp.	93585	amphipods
<i>Ceratocephale</i> Malmgren, 1867	65955	polychaetes
<i>Ceratonereis irritabilis</i> (Webster)	65874	polychaetes
<i>Ceratonereis mirabilis</i>	65876	polychaetes
<i>Cerithiopsis greenii</i> (C. B. Adams, 1839)	72032	gastropod
<i>Cerithium eburneum</i> Bruguiere, 1792	72126	ivory cerith
<i>Cerithium litteratum</i> (Born, 1778)	72122	stocky cerith
<i>Cerithium muscarum</i> Say, 1822	72152	flyspeck cerith
Chaeropteridae	NOT FOUND	
Chaetognatha	158650	arrow worms
<i>Chaetopleura apiculata</i> (Say, 1834)	78958	eastern beaded chiton
Chaetopteridae Audouin and Milne-Edwards, 1833	67095	polychaetes
<i>Chaetopterus variopedatus</i> (Renier, 1804)	67097	polychaete
<i>Chaetozone setosa</i> Malmgren, 1867	67157	polychaete
<i>Chama congregata</i> Conrad, 1833	81652	corrugate jewelbox
<i>Chevalia aviculae</i> Walker, 1904	93645	amphipod
<i>Chevalia</i> Walker, 1904 sp.	93644	amphipods
<i>Chilomycterus schoepfii</i> (Walbaum, 1792)	615846	burrfish
<i>Chione cancellata</i> (Linnaeus, 1767)	81523	cross-barred venus
<i>Chiridota rotifera</i> (Pourtales, 1851)	158474	worm cucumber
Chironomidae	127917	midges
<i>Chloeia viridis</i>	65167	polychaete
<i>Chondrilla nucula</i> Schmidt	48721	sponge
<i>Chone americana</i>	68084	polychaete
<i>Chone</i> Kroeyer, 1856	68077	polychaetes
Chrysopetalidae Ehlers, 1864	65148	polychaete
<i>Chrysopetalum occidentale</i>	65162	polychaete
<i>Cinachyra</i> sp.	48606	sponges
<i>Circulus suppressus</i> (Dall, 1889)	71178	suppressed vitrinella
<i>Cirolana parva</i> Hansen, 1890	92234	isopod
<i>Cirolana sphaeroformis</i>	NOT FOUND	isopod
Cirolanidae Dana, 1852	92225	isopod
Cirratulidae Ryckholdt, 1851	67116	polychaetes
<i>Cirratulus</i> Lamarck, 1818 sp.	67117	polychaete
<i>Cirriformia filigera</i> (Delle Chiaje)	67175	polychaete
<i>Cirriformia</i> Hartman, 1936 sp.	67172	polychaetes
<i>Cirrophorus</i> Ehlers, 1908 sp.	66708	polychaetes
<i>Cirrophorus furcatus</i>	66714	polychaete
<i>Cladophoropsis macromeres</i>	9256	algae
<i>Cladophoropsis membranacea</i> (C. Aghardh) Borgesen	9254	algae
<i>Cochliolepis parasitica</i> Stimpson, 1858	71167	parasitic scalesnail
<i>Codakia orbiculata</i> (Montagu, 1808)	80475	dwarf tiger lucine
<i>Collodes</i> Stimpson, 1860 sp.	98457	spider crabs
<i>Colomastix janiceae</i> Heard & Perlmutter	NOT FOUND	
<i>Columbella mercatoria</i> (Linnaeus, 1758)	73710	West Indian dovesnail
<i>Columbella rusticoides</i> Heilprin, 1886	73709	rusty dovesnail
<i>Conus jaspideus</i> Gmelin, 1791	75291	jasper cone
<i>Cooperella atlantica</i> Rehder, 1943	81646	Atlantic cooperclam
Copepoda Milne-Edwards, 1840	85257	copepods
<i>Corbula contracta</i> Say, 1822	81712	contracted corbula

<i>Corbula</i> sp.	81711	bivalves
<i>Corophium acherusicum</i> Costa, 1857	93590	amphipod
<i>Corophium tuberculatum</i> Shoemaker, 1934	93596	amphipod
<i>Coryphopterus glaucofraenum</i> Gill, 1863	171754	bridled goby
<i>Cossura</i> Webster and Benedict, 1887	67206	polychaetes
<i>Couridia dobrogavia</i>	NOT FOUND	
<i>Crassispira leucocyma</i> Dall, 1883	74859	gastropod
<i>Crepidula aculeata</i> (Gmelin, 1791)	72628	spiny slippersnail
<i>Crepidula maculosa caudata</i>	NOT FOUND	ERROR DELETE
<i>Crepidula maculosa</i> Conrad, 1846	72632	spotted slippersnail
<i>Crepidula plana</i> Say, 1822	72627	eastern white slippersnail
<i>Cryptoconchus floridanus</i> (Dall, 1889)	79054	white-barred chiton
<i>Ctenophora</i> Hatschek, 1888 sp.	53856	comb jellies
<i>Cumacea</i> Krøyer, 1846 sp.	90745	cumaceans
<i>Cumella agglutinata</i> Bacescu	NOT FOUND	
<i>Cumella caribbeana</i> Bacescu	NOT FOUND	
<i>Cumella coralicola</i> Bacescu	NOT FOUND	
<i>Cumella tripunctata</i> Bacescu, 1971	206298	cumacean
<i>Cumingia tellinoides</i> (Conrad, 1831)	81317	tellin semele
<i>Cumingia tellinoides vanhyning</i> Rehder	NOT FOUND	
<i>Cyclaspis</i> Sars, 1865 sp.	91031	cumaceans
<i>Cyclaspis varians</i>	91033	cumacean
<i>Cyclinella tenuis</i> (Recluz, 1852)	81494	thin cyclinella
<i>Cyclostremiscus beauii</i> (P. Fischer, 1857)	71115	gastropod
<i>Cylindrobulla beauii</i> P. Fischer, 1857	76312	gastropod
<i>Cymadusa compta</i> Smith, 1873	93430	amphipod
<i>Cymadusa filosa</i> Savigny, 1816	206395	amphipod
<i>Cymodoce faxoni</i>	92353	isopod
<i>Darwinella</i> sp.	47676	sponges
<i>Dasybranchetus fauveli</i>	NOT FOUND	
<i>Dasybranchus lunulatus</i> Ehlers	67457	polychaete
<i>Dasycladus vermicularis</i>	NOT FOUND	
<i>Demonax microphthalmus</i> (see <i>Sabella microphthalma</i> Verrill)	68223	polychaete
<i>Demospongiae</i> sp.	47528	sponges
<i>Dentalium antillarum</i> d'Orbigny, 1842	82129	tusk shell
<i>Deutella mayeri</i> Stebbing, 1895	206608	skeleton shrimp
<i>Dictyosphaeria cavernosa</i> (Forssk.) Boerg.	9275	algae
<i>Dictyota cervicornis</i> Kuetzing	11169	brown algae
<i>Dictyota indica</i> Sonder and Kuetzing	11178	brown algae
<i>Dictyota</i> sp.	11162	brown algae
<i>Dictyota volubilis</i>	NOT FOUND	brown algae
<i>Digenea simplex</i> (Wulfen) C. Agardh	183225	red algae
<i>Dikonophora</i> sp.	91380	tanaidaceans
<i>Diodora cayenensis</i> (Lamarck, 1822)	69550	Cayenne keyhole limpet
<i>Diodora listeri</i> (d'Orbigny, 1842)	69553	gastropod
<i>Diopatra cuprea</i> (Bosc)	66180	polychaete
<i>Diplodonta punctata</i> (Say, 1822)	80578	Atlantic diplodon
<i>Diplogrammus pauciradiatus</i> (Gill, 1865) (see <i>Callionymus pauciradiatus</i> Gill)	171737	spotted dragonet
<i>Doratonotus megalepis</i> Günther, 1862	170500	dwarf wrasse
Dorididae Rafinesque, 1815	78206	nudibranchs

<i>Dorvillea rubra</i> (Grube, 1856)	66489	polychaete
Dorvilleidae Chamberlin, 1919	66478	polychaete
<i>Doto</i> Oken, 1815 sp.	78532	polychaete
<i>Drilonereis</i> Claparede, 1870	66423	polychaetes
<i>Drilonereis longa</i> Webster	66426	polychaete
<i>Dulichella appendiculata</i> Say, 1818	93848	amphipod
<i>Dysidea etheria</i>	47630	sponge
<i>Dysidea</i> sp.	47627	sponges
<i>Echinaster sentus</i> (Say)	157187	spiny sea star
<i>Edotia montosa</i> (Stimpson, 1853)	544179	isopod
<i>Ehlersia</i> Quatrefages, 1865 sp.	65836	polychaetes
<i>Ehlersileanira</i> Pettibone, 1970 sp.	65125	polychaetes
<i>Elasmopus</i> Costa, 1853 sp.	93760	amphipods
<i>Elasmopus laevis</i> S. I. Smith, 1873	93761	amphipod
<i>Elasmopus rapax</i> Costa, 1853	93763	amphipod
<i>Elasmospus mayo</i> Barnard	NOT FOUND	
<i>Elysia</i> Risso, 1818 sp.	77938	opisthobranchs
<i>Enoplobranchus sanguineus</i> (Verrill)	68018	polychaete
<i>Eobrolgus spinosus</i> Holmes, 1905 (see <i>Paraphoxus spinosus</i> )	94755	amphipod
Ephinoe sp.	NOT FOUND	
<i>Epialtus dilatatus</i> A. Milne-Edwards, 1878	98443	winged mime crab
<i>Epialtus dilatatus elongata</i>	98445	winged mime crab
<i>Epialtus</i> Edwards, 1834	98441	spider crabs
<i>Erato maugeriae</i> Gray, 1823	73173	green erato
<i>Erichsonella</i> Benedict in Richardson, 1901	92617	isopods
<i>Erichsonella filiformis</i> (Say, 1818)	92619	isopod
<i>Erichsonella filiformis isabelensis</i> Menzies (may be	NOT FOUND	
<i>Erichsonella isabelensis</i> Menzies, 1951B, 544278)		
<i>Erichsonella floridana</i> Richardson, 1901	92622	isopod
<i>Erichthonius brasiliensis</i>	NOT FOUND	
<i>Erichthonius rubricornis</i>	NOT FOUND	
<i>Ervila concentrica</i>	NOT FOUND	
<i>Erythroproctus platyproctus</i>	NOT FOUND	
<i>Eteone heteropoda</i> Hartman	65266	polychaete
<i>Euclymene coronata</i>	NOT FOUND	
<i>Eucratopsis crassimanus</i> (Dana, 1852)	98961	heavyhand rubble crab
<i>Eudevenopus honduranus</i> Thomas and Barnard, 1983	94764	amphipod
<i>Eudontosyllis aciculata</i> Knox	NOT FOUND	
<i>Eulalia macroceros</i> Grube	65288	polychaete
<i>Eulalia sanguinea</i> Oersted, 1843	65285	polychaete
<i>Eulima jamaicensis</i>	NOT FOUND	
<i>Eulima</i> sp.	NOT FOUND	
<i>Eunice afra</i> Peters, 1854	66282	polychaete
<i>Eunice antennata</i> (Savigny, 1820)	66270	polychaete
<i>Eunice cariboea</i> (Grube, 1856)	66279	polychaete
<i>Eunice filamentosa</i> Grube, 1856	66272	polychaete
<i>Eunice kinbergi</i>	66280	polychaete
<i>Eunice vittatopsis</i>	NOT FOUND	
<i>Eunice websteri</i> Fauchald	66278	polychaete
Eunicidae Berthold, 1827	66260	polychaetes
<i>Eunotomastus</i> McIntosh, 1885	67481	polychaetes
<i>Euphrosine triloba</i>	65214	polychaete
<i>Eupleura sulcidentata</i> Dall, 1890	73301	sharp-rib drill

<i>Eurythoe complanata</i> (Pallas, 1766)	65196	polychaete
<i>Eusirus crassi</i>	NOT FOUND	
<i>Eusyllis</i> Malmgren, 1867 sp.	65711	polychaetes
<i>Excorollana</i> sp.	NOT FOUND	
<i>Exogone arenosa</i>	65732	polychaete
<i>Exogone atlantica</i>	65733	polychaete
<i>Exogone dispar</i> (Webster)	65722	polychaete
<i>Exogone verugera</i> (Claparede, 1868)	65727	polychaete
<i>Fabricia sabella</i> (Ehrenberg)	68159	polychaete
<i>Farfantepenaeus brasiliensis</i> (Latreille, 1817) (see <i>Penaeus brasiliensis</i> Latreille, 1817)	551571	spotted pink shrimp
<i>Farfantepenaeus duorarum</i> (Burkenroad, 1939) (see <i>Penaeus duorarum duorarum</i> Burkenroad, 1939)	551574	pink shrimp
<i>Fasciolaria tulipa</i> (Linnaeus, 1758)	74182	true tulip
<i>Favartia cellulosa</i> (Conrad, 1846)	73392	pitted murex
<i>Finella dubia</i> (d'Orbigny, 1842)	72169	gastropod
<i>Flabellifera</i> Sars, 1882	92224	isopods
Flabelligeridae Saint-Joseph, 1894	67224	polychaetes
Flaverigeridae	NOT FOUND	
<i>Foliolina peltata</i>	47818	sponge
<i>Foxiphalus</i> J. L. Barnard, 1979 sp.	94758	amphipods
<i>Galathowenia africana</i> Kirkegaard, 1959	67661	polychaete
<i>Galeommatacea</i> sp.	NOT FOUND	
<i>Gastropteron</i> Kosse, 1813	76216	seaslug
Gastrosaccinae	NOT FOUND	
<i>Gemma gemma</i> (Totten, 1834)	81511	amethyst gemclam
<i>Geodia gibberosa</i>	48613	sponge
<i>Gerres cinereus</i> (Walbaum in Artedi, 1792)	169032	yellowfin mojarra
<i>Gigacuma</i> Kurian, 1951 sp.	573779	cumaceans
<i>Glycera abbranchiata</i> Treadwell, 1901	555696	polychaete
<i>Glycera albidentata</i>	NOT FOUND	
<i>Glycera americana</i> Leidy	66106	polychaete
<i>Glycera dibranchiata</i> Ehlers	66107	polychaete
<i>Glycera</i> Savigny, 1818 sp.	66102	polychaetes
<i>Glycera tesselata</i> Grube, 1863	66105	polychaete
Glyceridae Grube, 1850	66101	polychaetes
<i>Glycinde nordmanni</i>	66134	polychaete
<i>Glycinde solitaria</i>	66132	polychaete
<i>Glycymeris pectinata</i> (Gmelin, 1791)	79428	comb bittersweet
<i>Gobiosoma robustum</i> Ginsburg, 1933	171791	code goby
<i>Goniada brunnea</i> Treadwell, 1906	66141	polychaete
<i>Goniada maculata</i>	66140	polychaete
Goniadidae Kinberg, 1866	66126	polychaetes
Gornadidae	NOT FOUND	
<i>Gouldia cerina</i> (C. B. Adams, 1845)	81570	waxy gouldclam
<i>Gracilaria</i> (Linnaeus) Greville	11984	red algae
<i>Grandidierella bonnieroides</i> Stephensen, 1947	93642	amphipod
<i>Granulina ovuliformis</i> (d'Orbigny, 1841)	74381	teardrop marginella
<i>Grubeulepis sulcatisetis</i>	65065	polychaete
<i>Gyptis brevipalpa</i> (currently <i>Podarkeopsis brevipalpa</i> )	65533	polychaete
<i>Gyptis</i> sp.	NOT VALID	
<i>Haemulon flavolineatum</i> (Desmarest, 1823)	169065	French grunt
<i>Haemulon sciurus</i> (Shaw, 1803)	169069	bluestriped grunt
<i>Halacarida</i> sp.	82771	mites



<i>Halichondria melanadocia</i>	48400	sponge
<i>Halichondria</i> sp.	48394	sponge
<i>Haliclona aqueductus</i>	47775	sponge
<i>Haliclona compressa</i>	47782	sponge
<i>Haliclona doria</i>	NOT FOUND	
<i>Haliclona molitba</i>	47784	sponge
<i>Haliclona</i> sp.	47771	sponges
<i>Haliclona viridis</i>	47778	sponge
<i>Halimeda discoidea</i> Decaisne	6923	green algae
<i>Halimeda incrassata</i> (Ellis) Lamour.	6924	green algae
<i>Halimeda lacrimosa</i>	NOT FOUND	
<i>Halimeda monile</i>	NOT FOUND	
<i>Halimeda opuntia</i> (Linnaeus) Lamouroux	6295	green algae
<i>Haliotinella patinaria</i> (Guppy, 1876)	72993	finger nail moonsnail
<i>Halodule beaudettei</i> (den Hartog) den Hartog (see <i>Halodule wrightii</i> Aschers)	39077	shoalweed
<i>Halodule wrightii</i> Aschers [currently <i>Halodule beaudettei</i> (den Hartog) den Hartog]	39077	shoalweed
<i>Halophila baillonis</i> Aschers. ex Dickie	38962	Florida Keys seagrass
Halothuroidea sp.	NOT FOUND	
<i>Haminoea antillarum</i> (d'Orbigny, 1841)	76266	Antilles glassy-bubble
<i>Haminoea elegans</i> (J. E. Gray, 1825)	76261	elegant glassy-bubble
<i>Haminoea succinea</i> (Conrad, 1846)	76260	amber glassy-bubble
<i>Haploscoloplos foliosus</i> Hartman	66577	polychaete
<i>Haplosyllis spongicola</i> (Grube, 1855)	65782	polychaete
<i>Harmothoe aculeata</i> Andrews, 1891	64523	polychaete
<i>Harpachoida</i> sp.	NOT FOUND	
<i>Haustellum rubidum</i> (F. C. Baker, 1897) (see <i>Murex recurvirostris rubidus</i> F. C. Baker, 1897)	567657	rose murex
<i>Haustorius</i> P. L. St. Muller, 1775	94018	amphipod
<i>Hemiproto wigleyi</i>	95473	skeleton shrimp
<i>Hesione picta</i>	65524	polychaete
Hesionidae Grube, 1850	65467	polychaetes
<i>Hesionusa elongata</i>	NOT FOUND	
<i>Heteromysis formosa</i> Smith	89977	crustacean
<i>Heteromysis nouveli</i>	90002	crustacean
<i>Heteromysis</i> Smith, 1873	89975	crustacean
<i>Heterophlias seclusus</i>	94632	amphipod
<i>Hexapanopeus caribbaeus</i> (Stimpson, 1871)	98766	mud crab
<i>Hexapanopeus</i> Rathbun, 1898 sp.	98763	mud crabs
<i>Hiatella arctica</i> (Linnaeus, 1767)	81765	Arctic hiatella
<i>Hippocampus erectus</i> Perry, 1810	166488	lined seahorse
<i>Hippocampus zosterae</i> Jordan and Gilbert, 1882	166493	dwarf seahorse
<i>Hippolyte</i> Leach, 1814 sp.	96747	shrimp
<i>Hippolyte pleuracantha</i> (Stimpson, 1871)	96750	false zostera shrimp
<i>Hippolyte zostericola</i> (Smith, 1873)	96751	zostera shrimp
Hippolytidae Dana, 1852	96746	crabs
Histriobdellidae Vaillant, 1890	66558	polychaetes
<i>Holothuria floridana</i> Pourtales, 1851	158323	florida sea cucumber
<i>Holothuria</i> Linnaeus, 1758 sp.	158310	sea cucumber
<i>Holothuria surinamensis</i> Ludwig, 1875	158316	surinam sea cucumber
Holothuriidae Ludwig, 1894	158309	sea cucumbers
<i>Hyalina avena</i> (Kiener, 1834) [currently <i>Volvarina avena</i> (Kiener, 1834)]	74433	orange-band marginella

<i>Hyalina veliei</i> (Pilsbry, 1896) [currently <i>Volvarina veliei</i> (Pilsbry, 1896)]	74454	gastropod
<i>Hyboscolex longiseta</i> Schmarda, 1861	67326	polychaete
<i>Hydroides crucigera</i> (Moersch, 1863)	68286	polychaete
<i>Hydroides dianthus</i> (Verrill)	68282	polychaete
<i>Hydroides dirampha</i> (Moersch, 1863)	68290	polychaete
<i>Hydroides giaracensis</i>	NOT FOUND	
<i>Hydroides</i> Gunnerus, 1768 sp.	68281	polychaetes
<i>Hydroides parvus</i>	68292	polychaete
<i>Hydrozoa</i> Owen, 1843	48739	hydroids
<i>Hypnea cervicornis</i> J. Agardh	11949	red algae
<i>Inermonephtys inermis</i>	66063	polychaete
<i>Iotrochota birotulata</i> (Higgin)	NOT FOUND	
<i>Iphione</i> Kinberg, 1855 sp.	64813	polychaete
<i>Ircinia felix</i> (Duchassaing and Mich., 1864)	47598	sponge
<i>Ircinia strobilina</i> (Lamarck, 1816)	47600	sponge
<i>Ischnochiton papillosus</i> (C. B. Adams, 1845)	78860	chiton
<i>Isolda pulchella</i>	67813	polychaete
<i>Jaeropsis rathbunae</i>	92954	isopod
<i>Kalliapseudes</i> Stebbing, 1910 sp.	91298	tanaidaceans
<i>Kefersteinia cirrata</i>	65489	polychaete
<i>Kurtziella</i> Dall, 1918 sp.	74803	mangelias
<i>Lachnolaimus maximus</i> (Walbaum, 1792)	170566	hogfish
<i>Laeonereis culveri</i> (Webster, 1879)	65965	polychaete
<i>Laevicardium laevigatum</i> (Linnaeus, 1758)	80892	eggcockle
<i>Laevicardium mortoni</i> (Conrad, 1830)	80891	yellow eggcockle
<i>Lagodon rhomboides</i> (Linnaeus, 1766)	169187	pinfish
<i>Lainicides</i> sp.	NOT FOUND	
<i>Lanice</i> Malmgren, 1866 sp.	68036	polychaete
<i>Lanicides</i> sp.	NOT FOUND	
<i>Laonice cirrata</i> (Sars, 1850)	66785	polychaete
<i>Latreutes fucorum</i> (Fabricius, 1798)	96870	slender sargassum shrimp
<i>Laurencia poitei</i> (Lamouroux) Howe	13555	red algae
<i>Leander tenuicornis</i> (Say, 1818)	96215	brown grass shrimp
<i>Leiochrides pallidior</i>	67465	polychaete
<i>Leiochrus alutaceus</i>	67484	polychaete
<i>Lembos brunneomaculatus</i> Myers, 1977 [currently <i>Bemlos brunneomaculatus</i> (Meyer, 1977)]	93461	amphipod
<i>Lembos dentischium</i>	NOT FOUND	
<i>Lembos kunkelae</i> Myers, 1977 (currently <i>Bemlos kunkelae</i> )	93470	amphipod
<i>Lembos retangulatus</i> Myers, 1977	93473	amphipod
<i>Lembos setosus</i> Myers, 1978 (currently <i>Bemlos setosus</i> )	93475	amphipod
<i>Lembos smithi</i> (Holmes)	93458	amphipod
<i>Lembos spinicarpus</i> Pearse, 1912	93467	amphipod
<i>Lembos tigrinus</i> Myers, 1979	93471	amphipod
<i>Lembos unicornis</i> Bynum and Fox, 1977	93460	amphipod
<i>Lembos unifasciatus</i> Myers, 1977	93464	amphipod
<i>Lenicides</i> sp.	NOT FOUND	
<i>Leocrates chinensis</i> Kinberg, 1866	65536	polychaete
<i>Lepidonotus sublevis</i> Verrill, 1873	64610	polychaete
<i>Lepidonotus variabilis</i> Webster, 1879	64611	polychaete

<i>Leptochela savignyi</i>	NOT FOUND	
<i>Leptogorgia setacea</i> (Pallas, 1766)	52239	gorgonian?
Leptonathidae	NOT FOUND	
Leptonidae Gray, 1847	80633	bivalves
<i>Leptonotus sublevis</i>	NOT FOUND	
<i>Leptosynapta parvipatina</i> Clark, 1924	158441	sea cucumber
<i>Leucothoe spinicarpa</i> Abildgaard, 1789	94199	amphipod
<i>Leucothoides pottsii</i>	94204	amphipod
<i>Libinia dubia</i> H. Milne-Edwards, 1834	98454	longnose spider crab
<i>Libinia erinacea</i> A. Milne-Edwards, 1879	98456	seagrass spider crab
<i>Lima lima</i> (Linnaeus, 1758)	79820	spiny fileclam
<i>Lima pellucida</i> C. B. Adams, 1846	79815	antillean fileclam
<i>Limnoria platycaudata</i>	92431	isopod
<i>Limnoria simulata</i> Menzies, 1957	92435	isopod
<i>Limopsis</i> Sasso, 1827	79400	limops
<i>Linga amiantus</i> (Dall, 1886)	80443	miniature lucine
<i>Linga pensylvanica</i> (Linnaeus, 1758)	80450	pennsylvania lucine
<i>Linopherus ambigua</i> (see <i>Pseudeurythoe ambigua</i> )	65177	polychaete
<i>Linopherus canariensis</i>	65180	polychaete
<i>Lioberus castaneus</i> (Say, 1822)	79543	chestnut mussel
<i>Lissodendoryx isodictyalis</i>	48076	sponge
<i>Listriella barnardi</i> Wigley	94213	amphipod
<i>Loandalia</i> Monro, 1936 sp.	65574	polychaetes
<i>Loimia medusa</i> (Savigny, 1818)	68015	polychaete
<i>Lopha frons</i> (Linnaeus, 1758)	79890	bivalve
<i>Lophogobius cyprinoides</i> (Pallas, 1770)	171896	crested goby
<i>Lucania parva</i> (Baird and Girard, 1855)	165679	rainwater killifish
<i>Lucina nassula</i> (Conrad, 1846)	80415	woven lucine
<i>Lucina pectinata</i> (Gmelin, 1791)	80411	thick lucine
Lumbrineridae Schmarda, 1861	66335	polychaetes
<i>Lumbrineris aberrans</i>	66373	polychaete
<i>Lumbrineris albidentata</i> hlers	66363	polychaete
<i>Lumbrineris cruzensis</i> Hartman	66358	polychaete
<i>Lumbrineris ernesti</i>	66365	polychaete
<i>Lumbrineris impatiens</i>	66354	polychaete
<i>Lumbrineris januarii</i> (Grube)	66369	polychaete
<i>Lumbrineris latreilli</i> Audouin and Milne-Edwards, 1834	66341	polychaete
<i>Lumbrineris tenuis</i> Verrill	66351	polychaete
<i>Lumbrineris verrilli</i> Perkins	66366	polychaete
<i>Lutjanus synagris</i> (Linnaeus, 1758)	168860	Lane snapper
<i>Lyonsia beana</i> (d'Orbigny, 1842)	81929	clam
<i>Lyonsia hyalina</i> Conrad, 1831	81927	glassy lyonsia
<i>Lyonsia hyalina floridana</i> Conrad, 1849	81927	glassy lyonsia
<i>Lysianassa alba</i>	94339	amphipod
<i>Lysidice ninetta</i> Audouin and Milne-Edwards, 1833	66320	polychaete
<i>Lysilla</i> Malmgren, 1866	68002	polychaetes
<i>Lytechinus variegatus</i> (Leske, 1778)	157921	green sea urchin
<i>Macoma brevifrons</i> (Say, 1834)	81060	short macoma
<i>Macoma constricta</i> (Bruguiere, 1792)	81056	constricted macoma
<i>Macoma</i> Leach, 1819 sp.	81033	macomas
<i>Macoma tenta</i> (Say, 1834)	81055	elongate macoma
<i>Macrochaeta</i> Grube, 1850	67194	polychaete
<i>Macrocoeloma trispinosum</i> (Latreille, 1825)	98498	spongy decorator crab
<i>Mactra fragilis</i> Gmelin, 1791	80968	fragile surfclam

<i>Maera</i> Leach, 1814 sp.	93794	amphipods
<i>Magelona</i> Mueller, 1858	67043	polychaetes
<i>Magelona pettiboneae</i>	67049	polychaete
<i>Magelonidae</i> Cunningham and Ramage, 1888	67042	polychaete
<i>Malacoceros glutaeus</i> (currently <i>Rhynchospio glutaea</i> )	66909	polychaete
<i>Malacoceros</i> Quatrefages, 1843 sp.	66920	polychaetes
<i>Maldanidae</i> Malmgren, 1867	67515	polychaetes
<i>Mancocuma</i> Zimmer, 1943	91028	cumaceans
<i>Mangelia</i> Risso, 1826 sp.	74559	gastropods
<i>Marginella apicina</i> Menke, 1828	74399	common Atlantic marginella
<i>Marginella aureocincta</i> Stearns, 1872	74387	marginella
<i>Marginella eburneola</i> Conrad, 1834	74398	marginella
<i>Marginella lavalleana</i> D'Orbigny, 1841	74390	snowflake marginella
<i>Marginella macgintyi</i>	NOT FOUND	
<i>Marphysa sanguinea</i> (Montagu, 1815)	66301	polychaete
<i>Mastobranthus</i> Eisig, 1887 sp.	67460	polychaetes
<i>Mauerella limicola</i>	NOT FOUND	
<i>Mediomastus ambiseta</i> (Hartman)	67439	polychaete
<i>Mediomastus</i> Hartman, 1944	67438	polychaete
<i>Megalomma</i> Johansson, 1926	68113	polychaetes
<i>Megalonidae</i>	NOT FOUND	
<i>Megaluropus mysersi</i>	93805	amphipod
<i>Megaluropus mysersi</i>	93805	amphipod
<i>Meioceras nitida</i> (Stimpson)	NOT FOUND	
<i>Meiosquilla schmitti</i>	99165	mantis shrimp
<i>Melinna maculata</i> Webster	67766	polychaete
<i>Melita elongata</i> Sheridan, 1979	93820	amphipod
<i>Melita nitida</i> Smith	93812	amphipod
<i>Membranopsis inconspicua</i>	NOT FOUND	
<i>Membranopsis</i> sp.	NOT FOUND	
<i>Menippe mercenaria</i> (Say, 1818)	98811	Florida stone crab
<i>Mesanthura decorata</i>	92175	isopod
<i>Metapenaeopsis goodei</i> (Smith, 1885)	95668	Caribbean velvet shrimp
<i>Metaprotella hummelincki</i> McCain	NOT FOUND	
<i>Metopa</i> Boeck, 1871 sp.	94958	amphipods
<i>Microcion</i> sp.	47994	sponges
<i>Microdeutopus anomalus</i> Rathke, 1843	93478	amphipod
<i>Microdeutopus myersi</i> Bynum and Fox, 1977	93480	amphipod
<i>Micrognathus criniger</i> [currently <i>Anarchopterus criniger</i> (Bean and Dresel, 1884)]	166654	fringed pipefish
<i>Micronereis</i> Claparede, 1863 sp.	65961	polychaetes
<i>Micropanope</i> Stimpson, 1870 sp.	98797	mud crabs
<i>Micropholis gracillima</i> (Stimpson, 1852)	157757	basket star
<i>Microphrys bicornuta</i> (Latreille, 1825)	98542	speck-claw decorator crab
<i>Microphrys interruptus</i>	NOT FOUND	
<i>Microphrys</i> Milne-Edwards, 1851	98541	spider crabs
<i>Microphrys tricornutus</i>	NOT FOUND	
<i>Microphthalmus</i> Mecznirow, 1865 sp.	65476	polychaete
<i>Microproto wigleyi</i>	NOT FOUND	
<i>Migochaeta</i> sp.	NOT FOUND	
<i>Minuspio cirrifera</i>	67027	polychaete

<i>Minuspio cirrobranchiata</i>	67032	polychaete
<i>Mithrax forceps</i> A. Milne-Edwards, 1875	98611	red-ridged clinging crab
<i>Mithrax</i> Latreille, 1817 sp.	98519	crabs
<i>Mitrella argus</i> d'Orbigny, 1842	73564	argus dovesnail
<i>Mitrella lunata</i> (Say, 1826)	73552	lunar dovesnail
<i>Modiolus americanus</i> (Leach, 1815)	79506	American horsemussel
<i>Modiolus modiolus squamosus</i> Beupersuy, 1967	79502	northern horsemussel
<i>Modulus modulus</i> (Linnaeus, 1758)	71909	buttonsnail
<i>Moira atropus</i> Lamarck	158086	heart urchins
<i>Monacanthus ciliatus</i> (Mitchill, 1818)	173179	fringed filefish
<i>Monacanthus hispidus</i> (Linnaeus, 1766) [currently <i>Stephanolepis hispidus</i> (Linnaeus, 1766)]	173182	planehead filefish
<i>Monacanthus setifer</i> Bennett, 1831	173184	pygmy filefish
<i>Monoculodes nyei</i> Shoemaker, 1933	94543	amphipod
<i>Monokonophora</i> sp.	91062	tanaidaceans
<i>Mooreonuphis</i> Fauchald, 1982 sp.	66254	polychaetes
<i>Mulinia lateralis</i> (Say, 1822)	80959	dwarf surfclam
Munnidae G. O. Sars, 1899	92956	isopods
<i>Murex recurvirostris rubidus</i> F. C. Baker, 1897 [currently <i>Haustellum rubidum</i> (F. C. Baker, 1897)]	73359	rose murex
<i>Musculus lateralis</i> (Say, 1822)	79487	lateral mussel
<i>Mycale angulosa</i>	48219	sponge
Mycnoganida sp.	NOT FOUND	
<i>Mydocopa</i> Sars, 1866 sp.	609934	ostracods
<i>Myriastra kallifetilla</i>	48593	sponge
<i>Myrophis punctatus</i> Luetken, 1852	161453	speckled worm eel
<i>Mysida</i> Haworth, 1825 sp.	89855	crustaceans
<i>Mysida manca</i>	NOT FOUND	
<i>Mysidopsis bigelowi</i> Tattersall	90139	crustacean
<i>Mysidopsis furca</i>	90143	crustacean
<i>Mysidopsis</i> sp.	90138	crustaceans
<i>Mytilopsis leucophaeata</i> (Conrad, 1831)	81335	dark falsemussel
<i>Naineris</i> Blainville, 1828 sp.	66583	polychaetes
<i>Naineris laevigata</i> (Grube, 1855)	66586	polychaete
<i>Naineris setosa</i>	66593	polychaete
Nannastacidae Bate, 1866	90963	cumaceans
<i>Nassarius albus</i> (Say, 1826)	74116	white nassa
<i>Nassarius vibex</i> (Say, 1822)	74107	bruised nassa
<i>Natica canrena</i> (Linnaeus, 1758) [currently <i>Naticarius canrena</i> (Linnaeus, 1758)]	72889	colorful moonshell
<i>Naticarius canrena</i> (Linnaeus, 1758) [see <i>Natica canrena</i> (Linnaeus, 1758)]	72890	colorful moonshell
<i>Neanthes succinea</i> Frey and Leuckart, 1847	65918	polychaete
Necmegamorphus n. sp.	NOT FOUND	
Nematoda	59490	nematods
<i>Nematonereis unicornis</i> Schmarda, 1861	66329	polychaete
<i>Nemertina</i> sp.	NOT FOUND	
Nemertinea sp.	NOT FOUND	
<i>Neomeris setosa</i>	NOT FOUND	
<i>Neonotomastus glabrus</i> Fauchald	NOT FOUND	
<i>Neopanope packardii</i> (Kingsley, 1871)	98774	Florida grassflat crab
Neotanoidae Lang, 1956	91634	tanaidaceans
<i>Nephtys</i> (Aglaophamus) sp.	66047	polychaetes

<i>Nephtys</i> Cuvier, 1817	66011	polychaetes
Nereidae	NOT FOUND	
<i>Nereimyra</i> Blainville, 1828 sp.	65481	polychaetes
<i>Nereiphylla fragilis</i> (see <i>Phyllodoce fragilis</i> Webster)	65336	polychaete
<i>Nereis acuminata</i>	65926	polychaete
<i>Nereis falsa</i>	65922	polychaete
<i>Nereis</i> Linnaeus, 1758 sp.	65902	polychaetes
<i>Nereis succinea</i> (Frey and Leuchart, 1847) (currently	65917	polychaete
<i>Neanthes succinea</i> Frey and Leuckart, 1847)		
<i>Nicholsina usta</i> (Valenciennes in Cuvier and Valenciennes, 1840)	170860	emerald parrotfish
<i>Niphates erecta</i>	48021	sponge
<i>Notomastus hemipodus</i>	67431	polychaete
<i>Notomastus latericeus</i> Sars, 1850	67429	polychaete
<i>Nucula proxima</i> Say, 1822	79132	Atlantic nutclam
Ochlesidae Stebbing, 1910	94488	amphipods
<i>Odontosyllis</i> Claparede, 1863	65785	polychaete
<i>Odostomia</i> Fleming, 1813 sp.	75447	gastropods
<i>Oligochaeta</i> sp.	68422	angleworms
<i>Olivella floralia</i> (Duclos, 1853)	74239	rice olive
<i>Olivella perplexa</i> Olsson, 1956	74260	olive
<i>Olivella pusilla</i> (Marrat, 1871)	74263	tiny dwarf olive
Oniscoidea sp.	NOT FOUND	
Onuphidae Kinberg, 1865	66157	polychaetes
<i>Onuphis</i> Audouin and Milne-Edwards, 1833	66158	polychaetes
Opheliidae Malmgren, 1867	67342	polychaetes
<i>Ophiactis pulchella</i>	NOT FOUND	
<i>Ophiactis savignyi</i> (Mueller and Troschel, 1842)	157628	savigny's brittle star
<i>Ophiocnida scabriuscula</i> (Lutken, 1859)	157759	lobate brittle star
<i>Ophiocoma pumila</i> Lutken, 1859	157484	banded ophiocoma
<i>Ophioderma brevispinum</i> (Say, 1925)	157520	basket star
<i>Ophioderma</i> Mueller and Troschel, 1840	157503	basket stars
<i>Ophiolepis paucispina</i> (Say, 1825)	157451	basket star
<i>Ophionephtys limicola</i> Luetken, 1869	157768	basket star
<i>Ophionereis reticulata</i> (Say, 1825)	157770	reticulated brittle star
<i>Ophiophragmus filigraneus</i> (Lyman, 1875)	157698	basket star
<i>Ophiophragmus pulcher</i> H. L. Clark, 1918	157695	basket star
<i>Ophiopsila riisei</i> Luetken, 1859	157492	basket star
<i>Ophiostigma isacanthum</i> (Say, 1825)	157765	basket star
<i>Ophiothrix oerstedii</i> Lutken, 1856	157809	oersted's brittle star
Ophiuroidea Gray, 1840	157325	basket stars
<i>Opisthodonta</i> Langerhans, 1879 sp.	65829	polychaetes
<i>Opisthosyllis</i> Langerhans, 1879 sp.	65840	polychaetes
<i>Opsanus beta</i> (Goode and Bean, 1879)	164424	Gulf toadfish
Orbiniidae Hartman, 1942	66570	polychaetes
<i>Orchestia grillus</i> Latrielle In Bose, 1802	95037	amphipod
<i>Orthopristis chrysoptera</i> (Linnaeus, 1766)	169077	pigfish
<i>Ostrea equestris</i> (Say, 1834)	79897	crested oyster
<i>Owenia fusiformis</i> delle Chiaje, 1841	67647	polychaete
Oweniidae Rioja, 1917	67644	polychaetes
<i>Oxyurostylis smithi</i>	90923	cumacea
<i>Oxyurostylis</i> sp.	90922	cumacea
<i>Paguristes</i> Dana, 1851 sp.	98154	hermit crabs

<i>Paguristes invisacculus</i> McLaughlin and Provenzano, 1974	98182	left-handed hermit crabs
<i>Paguristes tortugae</i> Schmitt, 1933	98166	bandeye hermit crab
<i>Pagurus</i> Fabricius, 1775 sp.	97775	right-handed hermit crabs
<i>Pagurus maclaughlinae</i> Garcia-Gomez, 1982	97828	right-handed hermit crab
<i>Pagurus stimpsoni</i> A. Milne-Edwards and Bouvier, 1893	97823	hermit crabs
Palaemonidae Rafinesque, 1815	96213	crabs
<i>Palaenotus debilis</i>	NOT FOUND	
<i>Palliapseudes</i> sp.	NOT FOUND	
<i>Panathura formosa</i>	92170	isopod
<i>Panopeus bermudensis</i> Benedict and Rathbun, 1891	98783	strongtooth mud crab
<i>Panopeus</i> Milne-Edwards, 1834 sp.	98777	mud crab
<i>Panopeus occidentalis</i> Saussure, 1857	98780	furrowed mud crab
<i>Panthalis pustulata</i>	NOT FOUND	
<i>Panthenope granulata</i>	NOT FOUND	
<i>Panulirus argus</i> (Latreille, 1804)	97648	Caribbean spiny lobster
<i>Paracaprella pusilla</i>	95435	
<i>Paracerceis caudata</i> (Say, 1818)	546029	isopod
<i>Paraclinus fasciatus</i> (Steindachner, 1876)	171430	banded blenny
<i>Paraclinus marmoratus</i> (Steindachner, 1876)	171433	marbled blenny
<i>Paraclinus nigripinnis</i> (Steindachner, 1867)	171434	blackfin blenny
<i>Parahesione luteola</i> (Webster)	65493	polychaete
<i>Parahesione obscura</i>	NOT FOUND	polychaete
<i>Paraleiocapitella mossambica</i>	NOT FOUND	
<i>Parametopella inquilinus</i> Watling	NOT FOUND	
<i>Paramides</i> sp.	NOT FOUND	
<i>Paranaitis capensis</i>	NOT FOUND	
<i>Paranebalia longipes</i>	89800	crustacean
Paranoidae	NOT FOUND	
<i>Paranoides</i> sp.	NOT FOUND	
Paranonidae	NOT FOUND	
<i>Paranthura</i> Bate & Westwood, 1868	92219	isopods
<i>Paranthuridae</i> Menzies & Glynn, 1968	92208	isopods
Paraonidae Cerruti, 1909	66659	polychaetes
<i>Paraonides</i> Cerruti, 1909 sp.	66703	polychaetes
<i>Paraonis fulgens</i> (Levinsen)	66697	polychaete
<i>Paraphoxus floridanus</i> Shoemaker	NOT FOUND	amphipod
<i>Paraphoxus spinosus</i> (currently <i>Eobrolgus spinosus</i> Holmes, 1905)	94756	amphipod
<i>Parapionosyllis longicirrata</i> (Webst. and Bene.)	65824	polychaete
<i>Paraprionospio pinnata</i> (Ehlers)	66937	polychaete
Parapseudidae Gutu, 1981	91331	tanaidacean
<i>Parasphaerosyllis indica</i> Monro, 1937	65801	polychaete
<i>Parastarte</i> Conrad, 1862 sp.	81616	clams
<i>Parastarte triquetra</i> (Conrad, 1846)	81617	brown gemclam
Paratanaidae Lang, 1949	91553	tanaidaceans
<i>Parvilucina blanda</i> (Bland and Simpson, 1901)	80391	three-ridge lucine
<i>Parvilucina multilineata</i> (Tuomey and Holmes, 1857)	80388	many-line lucine
<i>Parviturbo rehderi</i> Pilsbry and McGinty, 1945	70277	gastropod
<i>Pectinaria gouldi</i> Verrill	67709	polychaete
Pectinariidae Quatrefages, 1866	67692	polychaetes

<i>Pelia mutica</i> (Gibbes, 1850)	98469	cryptic teardrop crab
Penaeidae Rafinesque-Schmaltz, 1815	95602	penaeid shrimps
<i>Penaeus brasiliensis</i> Latreille, 1817 [currently <i>Farfantepenaeus brasiliensis</i> (Latreille, 1817)]	95612	spotted pink shrimp
<i>Penaeus duorarum duorarum</i> Burkenroad, 1939 [currently <i>Farfantepenaeus duorarum</i> (Burkenroad, 1939)]	95609	pink shrimp
<i>Penicillus capitatus</i> J. B. De Lamarck, 1813	6950	green algae
<i>Penicillus lamourouxiii</i>	NOT FOUND	
<i>Penicillus pyriformis</i>	6952	green algae
<i>Periclimenes americanus</i> (Kingsley, 1878)	96415	American grass shrimp
<i>Periclimenes iridescens</i> Lebour, 1949	96416	grass shrimp
<i>Periclimenes longicaudatus</i> (Stimpson, 1860)	96417	longtail grass shrimp
<i>Periglypta listeri</i> (J. E. Gray, 1838)	81573	princess venus
<i>Persicula catenata</i> (Montagu, 1803)	74412	princess marginella
<i>Petrolisthes armatus</i> (Gibbes, 1850)	98062	green porcelain crab
<i>Petrolisthes</i> Stimpson, 1858 sp.	98059	porcelain crabs
Pettiboneia Campoy and St. Martin, 1980	66536	polychaetes
<i>Phascolion caupo</i>	NOT FOUND	
<i>Phascolion cryptus</i>	154741	peanut worms
<i>Pherusa ehlersi</i>	67248	polychaete
<i>Pherusa eruca</i>	67252	polychaete
<i>Pherusa inflata</i> Treadwell	67246	polychaete
<i>Pholoe minuta</i> (Fabricius)	65074	polychaete
<i>Photis pugnator</i> Shoemaker, 1945	94077	amphipod
<i>Phyllodoce arenae</i> Webster	65366	polychaete
<i>Phyllodoce fragilis</i> Webster (currently <i>Nereiphylla fragilis</i> )	65337	polychaete
Phyllodocidae Oersted, 1843	65228	polychaete
Pilargidae Saint-Joseph, 1899	65540	polychaetes
<i>Pilargis</i> Saint-Joseph, 1899 sp.	65558	polychaetes
<i>Pilumnus lacteus</i> Stimpson, 1871	98823	velvet hairy crab
<i>Pilumnus</i> Leach, 1815 sp.	98814	hairy crab
<i>Pinctada imbricata</i> Roding, 1798	79593	Atlantic pearl-oyster
<i>Pinnixa floridana</i> Rathbun, 1918	99007	pea crab
<i>Pinnixa</i> White, 1846 sp.	98993	pea crabs
<i>Pionosyllis gesae</i>	65623	polychaete
<i>Pionosyllis</i> Malmgren, 1867 sp.	65616	polychaetes
<i>Pionosyllis quadrioculata</i>	NOT FOUND	
<i>Pionosyllis uraga</i>	65620	polychaete
<i>Piromis eruca</i>	67267	polychaete
<i>Pisania tinctoria</i> (Conrad, 1846) (currently <i>Pollia tinctoria</i> Conrad, 1846)	73844	tinted cantharus
<i>Pista cristata</i> (O. F. Mueller, 1776)	67941	polychaete
<i>Pista palmata</i> (Verrill)	67947	polychaete
<i>Pitar simpsoni</i> (Dall, 1895)	81503	chalky pitar
<i>Pitho aculeata</i> (Gibbes, 1850)	98548	massive urn crab
<i>Pitho anisodon</i> (Von Martens, 1872)	98549	oval urn crab
<i>Pitho</i> Bell, 1836 sp.	98546	urn crabs
<i>Pitho lherminieri</i> (Schramm, 1867)	98547	broadback urn crab
<i>Plakosyllis quadrioculata</i>	65846	polychaete
<i>Platynereis dumerilii</i> Audouin and Milne-Edwards, 1833	65950	polychaete
<i>Pleuromeris tridentata</i> (Say, 1826)	80774	three-tooth carditid



<i>Podarke obesa</i>	NOT FOUND	
<i>Podarke obscura</i>	65517	polychaete
<i>Podarkeopsis brevipalpa</i> (see <i>Gyptis brevipalpa</i> )	65532	polychaete
<i>Podocerus brasiliensis</i> Dana, 1853	94853	amphipod
<i>Podochela riisei</i> Stimpson, 1860	98489	longfinger neck crab
<i>Podocopa</i> Müller, 1894 sp.	84409	ostracods
Poecilochaetidae Hannerz, 1956	67080	polychaetes
<i>Poecilochaetus johnsoni</i> Pettibone	67082	polychaete
<i>Pollia tincta</i> Conrad, 1846 [see <i>Pisania tincta</i> (Conrad, 1846)]	568115	tinted cantharus
<i>Polycirrus carolinensis</i>	67970	polychaete
<i>Polycirrus eximius</i> (Leidy)	67963	polychaete
<i>Polycirrus</i> Grube, 1850 sp.	67959	polychaetes
<i>Polydontes</i> sp.	NOT FOUND	
<i>Polydora</i> Bosc, 1802 sp.	66789	polychaetes
<i>Polydora ligni</i> Webster	66801	polychaete
<i>Polydora plena</i> [currently <i>Polydora socialis</i> (Schmarda)]	66792	polychaete
<i>Polydora socialis</i> (Schmarda) (see <i>Polydora plena</i> )	66791	polychaete
Polynoidae Malmgren, 1867	64397	polychaetes
<i>Polyonyx gibbesi</i> Haig, 1956	98083	eastern tube crab
<i>Pomatostegus stellatus</i> (Abildgaard)	NOT FOUND	
<i>Pontonia</i> Latreille, 1829 sp.	96427	shrimp
Porcellanidae Haworth, 1825 sp.	98058	porcelain crabs
<i>Porites furcata</i> Lamarck, 1816	53187	hard coral
<i>Porites porites</i> (Pallas, 1766)	53180	finger coral
Portunidae Rafinesque, 1815	98689	swimming crabs
<i>Portunus depressifrons</i> (Stimpson, 1859)	98727	flatface swimming crab
<i>Portunus gibbesii</i> (Stimpson, 1859)	98718	iridescent swimming crab
<i>Portunus ordwayi</i> (Stimpson, 1860)	98725	redhair swimming crab
<i>Portunus spinimanus</i> Latreille, 1819	98721	blotched swimming crab
<i>Portunus</i> Weber, 1795 sp.	98717	swimming crabs
<i>Praxillella</i> Verrill, 1881 sp.	67568	polychaetes
<i>Prionospio cristata</i> Foster	66849	polychaete
<i>Prionospio fallax</i> Soderstrom	66850	polychaete
<i>Prionospio heterobranchia</i> Moore	66843	polychaete
<i>Prionospio</i> Malmgren, 1867	66838	polychaete
<i>Prionospio steenstrupi</i> Malmgren, 1867	66845	polychaete
Procereae sp.	NOT FOUND	
<i>Processa bermudensis</i> (Rankin, 1900)	96944	Bermuda night shrimp
<i>Processa hemphilli</i> Manning and Chace, 1971	96943	night shrimp
<i>Processa</i> Leach, 1815 sp.	96942	night shrimps
<i>Protodorvillea kefersteini</i> (Mcintosh, 1869)	66496	polychaete
<i>Protohadzia schoenerae</i> Stock, 1980	95076	amphipod
<i>Pseudaginella antiquae</i> Barnard	NOT FOUND	
<i>Pseudeurythoe ambigua</i> (currently <i>Linopherus ambigua</i> )	65178	polychaete
<i>Pseudobranchiomma emersoni</i>	68227	polychaete
<i>Pseudocapitella</i> Fauvel, 1913 sp.	67491	polychaetes
<i>Pseudoleiocapitella</i> Harmelin, 1964 sp.	67487	polychaetes
<i>Pseudomiltha floridana</i> (Conrad, 1833)	80492	florida lucine
<i>Pseudopolydora</i> Czerniavsky, 1881	66926	polychaete

<i>Pseudopolydora pulchra</i>	66931	polychaete
<i>Pseudopotamilla</i> sp.	NOT FOUND	
<i>Pseudosyllides curacaoensis</i>	NOT FOUND	
<i>Pseudovermilia</i> sp. Bush 1907	68332	polychaete
<i>Pseudovermilia occidentalis</i> McIntosh, 1885	68333	polychaete
<i>Pulliella</i> Fauvel, 1929 sp.	204559	polychaetes
Pycnogonida	83545	sea spiders
Pycnogonidae	83661	sea spiders
<i>Pyramidella crenulata</i> (Holmes, 1860)	75950	gastropod
<i>Questa caudicirra</i>	68374	polychaete
<i>Retercmysis formosus</i>	NOT FOUND	
<i>Rhepoxynius</i> J. L. Barnard, 1979 sp.	94727	amphipod
<i>Rhipocephalus phoenix</i> (J. Ellis and D. Solander) Kuetzing	6954	algae
<i>Rhithropanopeus harrisi</i> (Gould, 1841)	98790	Harris mud crab
<i>Rhynchospio glutaea</i> (see <i>Malacoceros glutaeus</i> )	66908	polychaete
<i>Rictaxis punctostriatus</i> (C. B. Adams, 1840) (see <i>Acteon punctostriatus</i> )	76083	pitted baby-bubble
<i>Rissoella caribaea</i> Rehder, 1943	71230	Caribbean risso
<i>Rissoina cancellata</i> Philippi, 1847	70908	gastropod
<i>Rissoina catesbyana</i> Orbigny, 1842	70904	gastropod
<i>Rupellaria typica</i> (Jonas, 1844)	81636	atlantic rupellar
<i>Sabella microphthalmalma</i> Verrill (currently <i>Demonax microphthalmus</i> )	68223	polychaete
<i>Sabella variegata</i>	68146	polychaete
Sabelladidae	NOT FOUND	
<i>Sabellaria vulgaris</i> Verrill	67671	polychaete
Sabellariidae Johnston, 1865	67665	polychaetes
<i>Sabellastarte</i> Savigny, 1818 sp.	68195	polychaetes
Sabellidae Malmgren, 1867	68076	polychaetes
<i>Salmacina</i> Claparede, 1870 sp.	68329	polychaetes
Scalibregmatidae Malmgren, 1867	67311	polychaetes
<i>Schistomeringos pectinata</i>	66522	polychaete
<i>Schistomeringos rudolphi</i> (Delle Chiaje, 1828)	66523	polychaete
<i>Scionides reticulata</i>	68052	polychaete
<i>Scissurella cingulata</i> O. G. Costa, 1861	69482	belt scissurelle
<i>Sclerocheilus</i> Grube, 1863 sp.	67329	polychaetes
<i>Scolecopsis squamata</i> (O. F. Mueller, 1806)	66943	polychaete
<i>Scolecopsis texana</i>	66949	polychaete
<i>Scoloplos armiger</i> (Muller)	66595	polychaete
<i>Scoloplos capensis</i> (Day)	66604	polychaete
<i>Scoloplos rubra</i> (Webster)	66603	polychaete
<i>Scorpaena brasiliensis</i> Cuvier, 1829	166816	barbfish
<i>Scyphoproctus platyproctus</i>	67477	polychaete
<i>Seba tropica</i> McKenney	NOT FOUND	
<i>Seila adamsi</i> (H. C. Lea, 1845)	72111	gastropod
<i>Serolis mgrayi</i> Menzies and Frankenberg, 1966	92420	isopod
<i>Serpula</i> Linnaeus, 1767 sp.	68243	polychaetes
Serpulidae Johnston, 1865	68232	polychaetes
<i>Sicyonia laevigata</i> Stimpson, 1871	96033	coral shrimp
<i>Siderastrea radians</i> (Pallas, 1766)	53091	lesser starlet coral
Sigalionidae Malmgren, 1867	65072	polychaetes
<i>Siphonoecetes</i> Kroyer, 1845	93625	amphipods
<i>Sipuncula</i> sp.	154520	peanut worms

<i>Sipunculida</i>	154521	worms
<i>Smaragdia viridis</i> (Linnaeus, 1758)	70181	emerald nerite
<i>Solemya occidentalis</i> Deshayes, 1857	79319	West Indian awningclam
<i>Sparisoma chrysopterum</i> (Bloch and Schneider, 1801)	170864	redtail parrotfish
<i>Sphaerosyllis</i> Claparede, 1863 sp.	65735	polychaetes
<i>Sphaerosyllis</i> Claparede, 1863 spp.	65735	polychaetes
<i>Sphaerosyllis pettiboneae</i>	NOT FOUND	polychaete
<i>Spio pettiboneae</i> Foster, 1971	66870	polychaete
<i>Spiochaetopterus ambigua</i>	NOT FOUND	
<i>Spiochaetopterus costarum oculus</i> Webster	67108	polychaete
Spionidae Grube, 1850	66781	polychaetes
<i>Spirastrella</i> sp.	48451	sponges
<i>Spirorbis</i> Daudin, 1800 sp.	68248	polychaetes
<i>Spirorbis knightjonesi</i> Desilva, 1965	68265	polychaete
<i>Spirorbis steueri</i> Sterzinger, 1909	555697	polychaete
<i>Spongia turbulifera</i>	47544	sponge
<i>Squamatus platyproctus</i>	NOT FOUND	
<i>Stenoplax limaciformis</i>	78922	chiton
<i>Stenothoe</i> Dana, 1852 sp.	94934	amphipods
<i>Stenothoe gallensis</i> Walker, 1904	94935	amphipod
<i>Stephanolepis hispidus</i> (Linnaeus, 1766) [see <i>Monacanthus hispidus</i> (Linnaeus, 1766)]	173183	planehead filefish
<i>Sthenelais boa</i> (Johnston)	65084	polychaete
<i>Sthenelais limicola</i> Ehlers	65086	polychaete
<i>Streblosoma hartmanae</i>	68033	polychaete
<i>Streblospio benedicti</i> Webster, 1879	66939	polychaete
<i>Streptosyllis</i> Webster and Benedict, 1884	65817	polychaetes
<i>Strigilla carnaria</i> (Linnaeus, 1758)	81217	large strigilla
<i>Strombiformis hemphilli</i> (Dall, 1884)	72492	gastropod
<i>Strombus raninus</i> Gmelin, 1791	72561	hawkwing conch
<i>Subprotula</i> sp.	NOT FOUND	
Syllidae (Eusyllinae)	NOT FOUND	
Syllidae (Exogoninae)	NOT FOUND	
Syllidae Grube, 1850	65587	polychaetes
<i>Syllides bansei</i>	65814	polychaete
<i>Syllides floridanus</i>	65815	polychaete
<i>Syllides</i> Oersted, 1845	65803	polychaetes
<i>Syllis gracilis</i> Grube	65631	polychaete
<i>Synalpheus agelas</i> Pequegnat and Heard, 1979	96710	snapping shrimp
<i>Synalpheus apioceros</i> Coutiere, 1909	96702	snapping shrimp
<i>Synalpheus hemphilli</i> Coutiere, 1909	96708	snapping shrimp
<i>Synalpheus minus</i> (Say, 1818)	96700	minor snapping shrimp
<i>Synchelidium americanum</i> Bousfield, 1973	94567	amphipod
<i>Syngnathus floridae</i> (Jordan and Gilbert, 1882)	166446	dusky pipefish
<i>Syngnathus pelagicus</i> Linnaeus, 1758	166454	Sargassum pipefish
<i>Synopia caraibica</i>	NOT FOUND	
<i>Syringodium filiforme</i> Kuetz.	39083	manateegrass
<i>Tabatzius muelleri</i> (Ortiz)	NOT FOUND	
<i>Tagelus divisus</i> (Spengler, 1794)	81274	purplish tagelus
Tanaidae Dana, 1849	91381	tanaidaceans
<i>Tanais</i> Latreille, 1831	91382	tanaidaceans
<i>Taphromysis bowmani</i>	90277	crustacean
<i>Tedania ignis</i> (Duchassaing & Michelotti)	48112	sponge

<i>Tegula fasciata</i> (Born, 1778)	69952	silky tegula
<i>Tellina alternata</i> Say, 1822	81101	alternate tellin
<i>Tellina martinicensis</i> d'Orbigny, 1842	81136	Martinique tellin
<i>Tellina mera</i> Say, 1834	81137	pure tellin
<i>Tellina similis</i> J. Sowerby, 1806	81202	candystick tellin
<i>Tellina versicolor</i> DeKay, 1843	81100	many-colored tellin
<i>Terebella pterochaeta</i>	68023	polychaete
<i>Terebella rubra</i>	68022	polychaete
Terebellidae Malmgren, 1867	67899	polychaetes
<i>Terebellides stroemi</i> Sars, 1835	68069	polychaete
<i>Tethygenia longleyi</i>	NOT FOUND	
<i>Thala foveata</i> (Sowerby, 1874)	75441	beaded thala
<i>Thalassia testudinum</i> Banks & Soland. ex Koenig	505463	turtlegrass
<i>Tharyx annulosus</i> Hartman	67148	polychaete
<i>Tharyx</i> Webster and Benedict, 1887	67141	polychaetes
<i>Thelepus setosus</i> (Quatrefages, 1865)	67983	polychaete
<i>Thor dobkini</i> Chace, 1972	96921	squat grass shrimp
<i>Thor floridanus</i> Kingsley, 1878	96918	bryozoan shrimp
<i>Thor</i> Kingsley, 1878 sp.	96917	shrimps
<i>Thor manningi</i> Chace, 1972	96919	Manning grass shrimp
<i>Tiron tropakis</i> J. L. Barnard, 1972	95023	amphipod
<i>Tozeuma carolinense</i> Kingsley, 1878	96912	arrow shrimp
<i>Trachycardium egmontianum</i>	80908	Florida pricklycockle
<i>Trachycardium muricatum</i> (Linnaeus, 1758)	80907	yellow pricklycockle
Trichobranchidae Malmgren, 1866	68067	polychaetes
<i>Trichobranchus glacialis</i> Malmgren	68074	polychaete
<i>Tricolia affinis</i> (C. B. Adams, 1850)	70134	checkered pheasant
<i>Tricolia bella</i> (M. Smith, 1937)	70141	shouldered pheasant
Tridichobranchidae	NOT FOUND	
<i>Triphora nigrocincta</i> (C. B. Adams, 1839)	72193	black-line triphora
<i>Trivia quadripunctata</i> (Gray, 1827)	73188	four-spot trivia
<i>Tunicata</i>	203347	tunicates
<i>Turbellaria</i>	53964	planarians
<i>Turbo castanea</i> Gmelin, 1791	70088	chestnut turban
<i>Turbonilla</i> Risso, 1826	75676	gastropods
<i>Typosyllis alternata</i>	65667	polychaete
<i>Typosyllis annularis</i>	NOT FOUND	
<i>Typosyllis</i> Langerhans, 1879 sp.	65666	polychaetes
<i>Udotea</i> J. V. F. Lamouroux, 1812	6933	green algae
<i>Urosalpinx perrugata</i> (Conrad, 1846)	73267	Gulf oyster drill
<i>Vaunthompsonia minor</i>	91044	cumacean
<i>Vermicularia knorrii</i> (Deshayes, 1843)	71303	Florida wormsnailed
<i>Vermicularia spirata</i> (Philippi, 1836)	71302	West Indian wormsnailed
<i>Vermilopsis</i> sp.	NOT FOUND	
<i>Vexillum albocinctum</i> (C. B. Adams, 1845)	74493	gastropod
<i>Vexillum gemmatum</i> (G. B. Sowerby II, 1874)	74492	gem miter
<i>Vexillum hanleyi</i> (Dohrn, 1862)	205095	gastropod
<i>Volvarina avena</i> (Kiener, 1834) [see <i>Hyalina avena</i> (Kiener, 1834)]	74432	orange-band marginella
<i>Volvarina veliei</i> (Pilsbry, 1896) [see <i>Hyalina veliei</i> (Pilsbry, 1896)]	74453	marginella
<i>Volvulella persimilis</i> (Morch, 1875)	76294	southern spindle-bubble
Xanthidae Macleay, 1838	98748	mud crabs

<i>Xenanthura brevitelson</i> Barnard, 1925A	92162	isopod
<i>Xestospongia subtriangularis</i>	47836	sponge
<i>Zebina browniana</i> (d'Orbigny, 1842)	70977	smooth risso
<i>Zeuxo</i> Templeton, 1840 sp.	91515	tanaidaceans