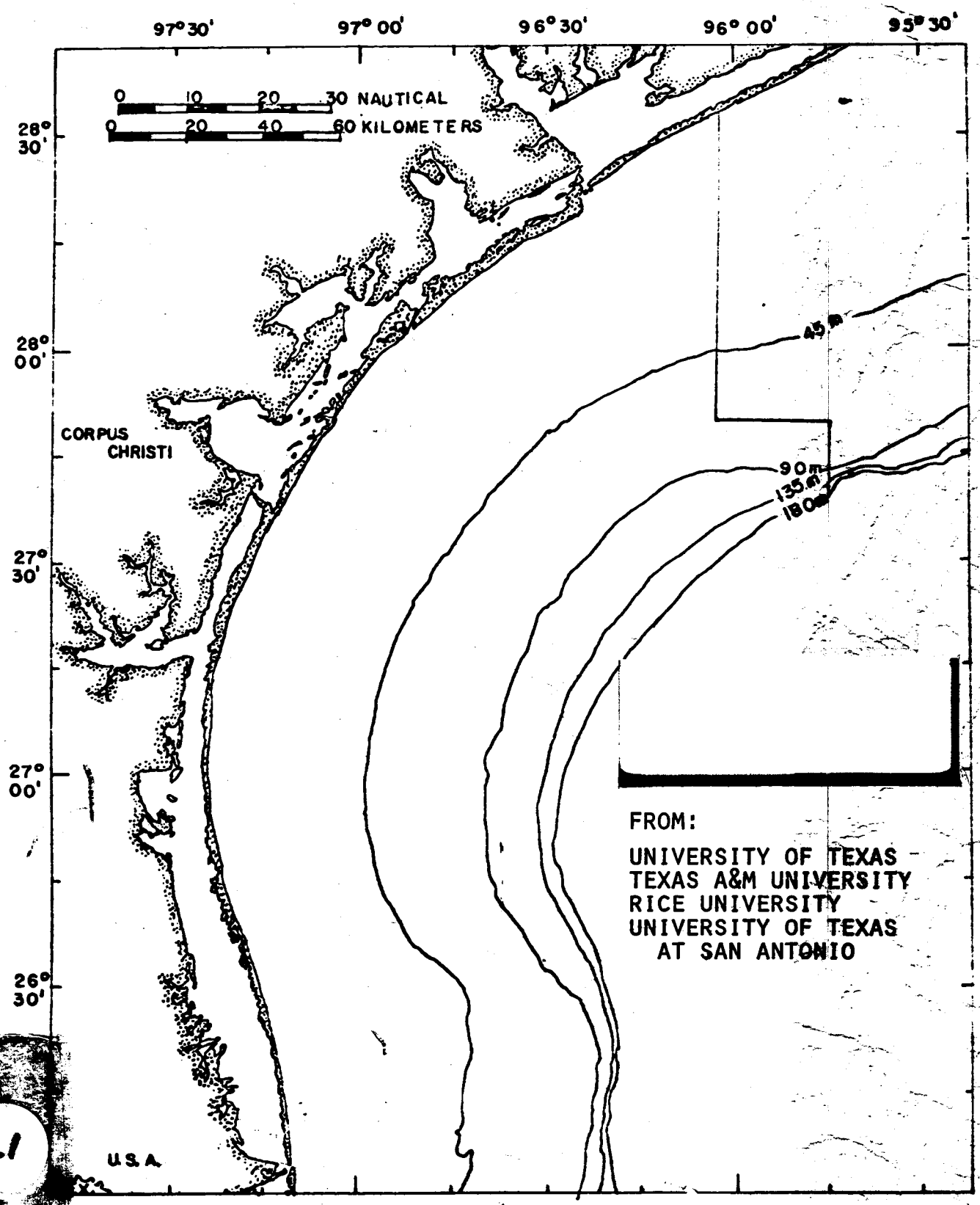
ENVIRONMENTAL STUDIES, SOUTH TEXAS OUTER CONTINENTAL SHELF, BIOLOGY AND CHEMISTRY



FROM:

UNIVERSITY OF TEXAS
TEXAS A&M UNIVERSITY
RICE UNIVERSITY
UNIVERSITY OF TEXAS
AT SAN ANTONIO

C.1

ENVIRONMENTAL STUDIES,

SOUTH TEXAS OUTER CONTINENTAL SHELF,

BIOLOGY AND CHEMISTRY

Submitted to:

The Bureau of Land Management
Washington, D. C.

by

The University of Texas Marine Science Institute
Port Aransas Marine Laboratory
Port Aransas, Texas 78373

Acting for and on behalf of
A Consortium Program
Conducted by:

Rice University
Texas A&M University
The University of Texas

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TABLE 1

PHYLOGENETIC LISTING OF TAXA IDENTIFIED IN SOUTH TEXAS NEUSTON SAMPLES IN 1976

- PHYLUM PROTOZOA
  - ORDER FORAMINIFERA
- PHYLUM CNIDARIA (COELENTERATA)
  - ORDER SIPHONOPHORA
    - *Physalia physalia*
    - *Porpita porpita*
    - *Velella velella*
    - Siphonophore parts
  - Medusae
- PHYLUM CTENOPHORA
- PHYLUM NEMATODA
- PHYLUM ANNELIDA
  - CLASS POLYCHAETA
    - FAMILY ALCIOPIDAE
    - FAMILY TOMOPTERIDAE
    - FAMILY TYPHLOSCOLECIDAE
    - Other
  - Unidentified worms
- PHYLUM MOLLUSCA
  - CLASS BIVALVIA
    - Bivalve meroplankters
  - CLASS CEPHALOPODA
    - ORDER TEUTHOIDEA
      - FAMILY LOLIGINIDAE
        - *Lolliguncula brevis*
    - ORDER OCTOPODA
      - FAMILY ARGONAUTIDAE
        - *Argonauta argo*
  - CLASS GASTROPODA
    - Gastropod meroplankters
    - SUBCLASS PROSOBRANCHIA
      - ORDER MESOGASTROPODA
        - Heteropods
          - FAMILY ATLANTIDAE
          - FAMILY PTEROTRACHEIDAE
        - *Janthina* spp.
    - SUBCLASS OPISTHOBRANCHIATA
      - ORDER GYMNOSOMATA (Naked Pteropods)
      - ORDER NUDIBRANCHIA
        - *Glaucus atlanticus*
      - ORDER THECOSOMATA (Shelled Pteropods)
        - *Cavolinia gibbosa*
        - *Cavolinia inflexa*
        - *Cavolinia longirostris*
        - *Cavolinia uncinata*
        - *Creseis acicula*
        - *Creseis virgula*
        - *Diacria quadridentata*
        - *Hyalocylis striata*
        - *Limacina bulimoides*
        - *Limacina inflata*
        - *Limacina trochiformis*
        - *Peraclis* spp.
        - *Styliola subula*
  - Unidentified Mollusca
- PHYLUM ARTHROPODA
  - CLASS CRUSTACEA
    - SUBCLASS BRANCHIOPODA
      - SUBORDER CLADOCERA
    - SUBCLASS CIRRIPEDIA
      - Barnacle nauplii
      - Barnacle cyprids
    - SUBCLASS COPEPODA
      - ORDER CALANOIDA
        - FAMILY CALANIDAE
          - *Nannocalanus minor*
          - *Undinula vulgaris*
        - FAMILY CANDACIIDAE
          - *Candacia bipinnata*
          - *Candacia curta*
          - *Candacia pachydactyla*
          - *Candacia* spp.
          - *Paracandacia bispinosa*
        - FAMILY CENTROPAGIDAE
          - *Centropages furcatus*
        - FAMILY EUCHAETIDAE
          - *Euchaeta marina*
          - *Euchaeta* spp.
          - *Euchaeta* spp. immature
        - FAMILY EUCALANIDAE
          - *Eucalanus attenuatus*
          - *Eucalanus* spp.
          - *Rhincalanus cornutus*
          - *Rhincalanus* spp.
        - FAMILY METRIDIIDAE
          - *Pleuromamma abdominalis*
          - *Pleuromamma gracilis*
          - *Pleuromamma pisecki*
          - *Pleuromamma* spp.
        - FAMILY PONTELLIDAE
          - *Anomalocera ornata*
          - *Calanopia americana*
          - *Labidocera acutifrons*
          - *Labidocera aestiva*
          - *Labidocera scotti*
          - *Labidocera* spp. immature
          - *Pontella atlantica*
          - *Pontella meadii*
          - *Pontella mimocerami*
          - *Pontella securifer*
          - *Pontella* spp. immature
          - *Pontellina plumata*
          - *Pontellina* spp. immature
          - *Pontellopsis villosa*
          - *Pontellopsis* spp. immature
        - FAMILY TEMORIDAE
          - *Temora stylifera*
          - *Temora turbinata*
        - Other calanoids (unidentified)

TABLE 1 CONT.'D

PHYLUM ARTHROPODA (cont.)
CLASS CRUSTACEA (cont.)
SUBCLASS COPEPODA (cont.)
ORDER CALIGOIDA
ORDER CYCLOPOIDA
Copilia mirabilis
Copilia quadrata
Sapphirina metallina
Sapphirina nigromaculata
Sapphirina stellata
Sapphirina spp.
ORDER HARPACTICOIDA
Copepod nauplii
SUBCLASS OSTRACODA
SUBCLASS MALACOSTRACA
ORDER AMPHIPODA
SUBORDER HYPERIIDEA
FAMILY PHRONOMIDAE
Phronima colletti
ORDER CUMACEA
ORDER DECAPODA
SUBORDER NATANTIA (Shrimps)
SECTION PENAEIDEA
FAMILY SERGESTIDAE
Acetes protozoeas
Lucifer faxoni
Lucifer typus
Lucifer zoea larvae
Sergestid protozea larvae
Sergestid sp. zoea larvae
Sergestid sp. A postlarvae
Sergestid sp. B postlarvae
FAMILY PENAEIDAE
Gennadas sp. zoeas
Penaeid protozoeas
Penaeid zoeas
Penaeus sp. protozoeas
Penaeus sp. zoeas
Sicyonia sp. protozoeas
Sicyonia sp. zoeas
Solenocera protozoeas
Solenocera zoeas
Trachypenaeus sp. zoeas
Xiphopenaeus sp. zoeas
SECTION CARIDEA
FAMILY ALPHEIDAE
Alpheid zoeas
FAMILY CRANGONIDAE
Crangonid zoeas
FAMILY HIPPOLYTIDAE
Hippolytid zoeas
Latreutes fucorum
Latreutes parvulus
Latreutes sp. zoeas
FAMILY OGYRIDIDAE
Ogyrides limicola
Ogyrides sp. zoeas
FAMILY PALAEMONIDAE
Leander tenuicornis
Leander zoeas
Neopontonides beaufortiensis
?*Pontonia* sp.
?Palaemonid postlarvae
FAMILY PASIPHAEIDAE
Leptochela bermudensis
Leptochela zoeas
Leptochela sp. postlarvae
FAMILY PROCESSIDAE
Processid sp.
SECTION STENOPODIDEA
FAMILY STENOPODIDAE
?Stenopodid postlarvae
Stenopodid zoeas
SUBORDER REPTANTIA (Crabs & Lobsters)
SECTION ANOMURA
FAMILY ALBUNEIDAE
Albunea sp. zoeas
FAMILY DIOGENIDAE
Diogenid zoeas
FAMILY HIPPIDAE
Emerita sp. zoeas
FAMILY PAGURIDAE
Pagurid glaucothoe larvae
Pagurid zoea larvae
FAMILY PORCELLANIDAE
Porcellanid zoeas
SECTION BRACHYURA
FAMILY CALAPPIDAE
?Calappid megalops
FAMILY DORIPPIDAE
Dorippid zoeas
FAMILY DROMIIDAE
Dromiid megalops
FAMILY GRAPSIDAE
?*Sesarma* sp. megalops
FAMILY MAJIDAE
Majid zoeas
FAMILY OCYPODIDAE
Ocypodid zoeas
Ocypodid megalops
?*Uca* sp. zoeas
FAMILY PINNOTHERIDAE
Pinnixa cf. *chaetopterana* zoeas
Pinnixa sayana
Pinnixa sp. (cf. *cylindrica*) zoeas
Pinnotheres sp. zoeas
Pinnotherid sp. A zoeas
Pinnotherid sp. B zoeas
Pinnotherid sp. C zoeas

TABLE 1 CONT.'D

PHYLUM ARTHROPODA (cont.)
CLASS CRUSTACEA (cont.)
SUBCLASS MALACOSTRACA (cont.)
ORDER DECAPODA (cont.)
SUBORDER REPTANTIA (Crabs & Lobsters) (cont.)
SECTION BRACHYURA (cont.)
FAMILY PORTUNIDAE
Callinectes similis
Callinectes sp. zoeas
Portunus gibbesii
Portunus sayi
Portunus spinicarpus
Portunus spinimanus
Portunus sp. postlarvae
Portunus sp. zoeas
Portunid megalops
FAMILY RANINIDAE
?Raninid postlarvae
FAMILY XANTHIDAE
Hexapanopeus sp. zoeas
Neopanope texana zoeas
Xanthid zoeas
?Xanthid juveniles
FAMILY UNKNOWN
sp. B megalops
sp. C megalops (possibly Majidae)
sp. D megalops (possibly Callappidae)
sp. E megalops (possibly Majidae)
sp. F megalops (possibly Pinnotheridae)
sp. G megalops
sp. H megalops
sp. I megalops
sp. J megalops
sp. K megalops
sp. X megalops
sp. Y megalops
SECTION MACRURA
FAMILY CALLIANASSIDAE
Callianassa sp. zoeas
Upogebia sp. zoeas
FAMILY PALINURIDAE
Panulirus sp. phyllosoma larvae
ORDER EUPHAUSIACEA
ORDER MYSIDACEA
FAMILY MYSIDAE
Anchialina typica typica
Brasilomysis castroi
Mysidopsis bigelowi
Promysis atlantica
Siriella thompsonii
ORDER STOMATOPODA
Alima larvae
CLASS INSECTA
Halobates micans
Terrestrial insects

PHYLUM ECHINODERMATA
Echinoderm larvae
PHYLUM CHAETOGNATHA
PHYLUM CHORDATA
SUBPHYLUM UROCHORDATA (Tunicates)
CLASS LARVACEA
CLASS THALIACEA
ORDER DOLIOLIDA
ORDER SALPIDA
SUBPHYLUM PISCES (Fishes)
FAMILY ANTENNARIIDAE
Antennarius scaber
Antennarius sp.
Histrio histrio
FAMILY ARIOMMIDAE
Ariomma bondi
FAMILY ATHERINIDAE
Membras martinica
FAMILY BALISTIDAE
Balistes capriscus
Canthidermis maculatus
FAMILY BELONIDAE
Ablennes hians
Strongylura marina
Strongylura notata
Strongylura sp.
Tylosurus crocodilus
FAMILY BLENNIDAE
FAMILY BOTHIDAE
Citharichthys macrops
Etropus crossotus
Etropus sp.
Paralichthys sp.
FAMILY BREGMACEROTIDAE
Bregmaceros atlanticus
FAMILY CARANGIDAE
Caranx hippos
Caranx latus
Caranx sp.
Chloroscombrus chrysurus
Trachinotus carolinus
Trachinotus crocodilus
Trachinotus falcatus
Trachinotus lathami
Trachinotus sp.
Trachurus lathami
FAMILY CENTRISCIDAE
Macrorhamphosus gracilis
FAMILY CLINIDAE
FAMILY CLUPEIDAE
Brevoortia patronus
Brevoortia sp.
Etrumeus teres
Harengula jaguana
Opisthonema oglinum
Sardinella anchovia
Sardinella sp.
FAMILY CONGRIDAE
Ariosoma sp.

TABLE 1 CONT.'D

PHYLUM CHORDATA (cont.)
SUBPHYLUM PISCES (Fishes)(cont.)
FAMILY CORYPHAENIDAE
Coryphaena equisetis
Coryphaena hippurus
Coryphaena sp.
FAMILY CYNOGLOSSIDAE
Symphurus civitatus
Symphurus sp.
FAMILY DIODANTIDAE
Chilomycterus schoepfi
Diodon hystrix
FAMILY ELOPIDAE
Elops saurus
FAMILY ENGRAULIDAE
Anchoa hepsetus
Anchoa mitchilli
Anchoa sp.
Engraulis eurystole
FAMILY EXOCOETIDAE
Cypseluras cyanopterus
Cypseluras exsiliens
Cypselurus furcatus
Cypselurus heterurus
Cypselurus sp.
Exocoetus obtusirostris
Hirundichthys rondeleti
Oxyporhampus micropterus
Paraexocoetus brachypterus
Prognichthys gibbifrons
FAMILY GADIDAE
Urophycis regius
Urophycis sp.
FAMILY GERRIDAE
Eucinostomus sp.
FAMILY GOBIIDAE
Gobionellus boleosoma
Gobionellus sp.
Gobiosoma bosci
Gobiosoma robustum
Gobiosoma sp.
FAMILY HEMIRAMPHIDAE
Euleptorhampus velox
Hemirhamphus brasiliensis
Hyporhampus unifasciatus
FAMILY ISTROPHORIDAE
Istiophorus platypterus
FAMILY LOBOTIDAE
Lobotes surinamensis
FAMILY MICRODESMIDAE
Microdesmus sp.
FAMILY MONACANTHIDAE
Monacanthus hispidus

FAMILY MUGILIDAE
Mugil cephalus
Mugil curema
Mugil sp.
FAMILY MULLIDAE
Mullus auratus
Mullus sp.
FAMILY MURAENIDAE
Gymnothorax nigromarginatus
FAMILY NETTASTOMATIDAE
Hoppunnis sp.
FAMILY NOMEIDAE
Nomeus gronovii
Psenes cyanophrys
FAMILY OPHICHTHIDAE
Myrophis punctatus
FAMILY OPHIDIIDAE
Brotula barbata
Ophidion sp.
FAMILY OSTRACIONTIDAE
Lactophrys sp.
FAMILY POLYNEMIDAE
Polydactylus octonemus
FAMILY POMACENTRIDAE
Pomacentrus fuscus
FAMILY POMADASYIDAE
Conodon nobilis
FAMILY RACHYCENTRIDAE
Rachycentron canadum
FAMILY SCIAENIDAE
Cynoscion sp.
Leiostomus xanthurus
Menticirrhus sp.
Micropogon undulatus
FAMILY SCOMBRIDAE
Auxis sp.
Scomberomorus cavalla
Scomberomorus maculatus
Scomberomorus sp.
FAMILY SCORPAENIDAE
Scorpaena sp.
FAMILY SERRANIDAE
Centropristis sp.
FAMILY STROMATEIDAE
Peprilus burti
Peprilus sp.
FAMILY SYNGNATHIDAE
Hippocampus erectus
Syngnathus louisianae
Syngnathus pelagicus
FAMILY SYNODONTIDAE
Saurida brasiliensis
Saurida sp.
Synodus foetens
Synodus sp.

TABLE 1 CONT.'D

PHYLUM CHORDATA (cont.)
SUBPHYLUM PISCES (cont.)
FAMILY TETRAODONTIDAE
Sphoeroides parvus
Sphoeroides sp.
FAMILY TRICHIURIDAE
Trichiurus lepturus
FAMILY TRIGLIDAE
Prionotus sp.
FAMILY - UNKNOWN
Leptocephalus larvae

TABLE 2

NUMERICAL ABUNDANCE OF SELECTED TAXONOMIC GROUPS
AND DRY WEIGHT OF TAR FROM 1976 NEUSTON SAMPLES

Explanation of Table 2:

Station: D=Day, N=Night

Abundance Values are No./1000 m^3

Tar (Dry Weight) given as g/1000 m^3

TABLE 2 CONT.'D

WINTER 1976: TRANSECT I: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	34746.	55397.	132457.	61569.	24638.	53570.
TOTAL MOLLUSCA	141.	1718.	2479.	3691.	1164.	861.
TOTAL CRUSTACEA	30613.	29294.	107434.	46520.	15456.	30790.
TOTAL DECAPOD LARVAE	241.	4776.	5333.	2421.	544.	4940.
TOTAL COPEPODA	30332.	22235.	62857.	43053.	13359.	25127.
TOTAL ADULT PONTELLID COPEPODS	362.	2659.	19048.	26947.	1165.	1217.
TOTAL IMMATURE PONTELLID COPEPODS	21246.	2212.	25429.	11158.	0.	1575.
TOTAL TUNICATES	0.	47.	5714.	5474.	432.	2214.
TOTAL FISH	0.	141.	1607.	355.	1561.	228.
TOTAL FISH EGGS	462.	116.	11619.	16947.	1476.	644.
TAR (GRAMS PER 1,000 CUBIC METERS)	3.55	4.62	4.95	23.76	2.65	5.09

WINTER 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	7424.	33105.	112609.	191073.	44115.	125168.
TOTAL MOLLUSCA	18.	402.	3099.	2757.	383.	3678.
TOTAL CRUSTACEA	6527.	26607.	77259.	156359.	35794.	99470.
TOTAL DECAPOD LARVAE	61.	2184.	1085.	2954.	255.	24289.
TOTAL COPEPODA	6305.	10624.	62063.	111201.	3364.	61301.
TOTAL ADULT PONTELLID COPEPODS	659.	4368.	17666.	27569.	2719.	6940.
TOTAL IMMATURE PONTELLID COPEPODS	3470.	2496.	39128.	8665.	3478.	2699.
TOTAL TUNICATES	12.	1070.	2944.	6105.	190.	5205.
TOTAL FISH	61.	173.	19.	643.	134.	581.
TOTAL FISH EGGS	482.	357.	26358.	17723.	1581.	0.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.02	0.00	7.35	0.61	40.49	22.59

WINTER 1976: TRANSECT III: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	13103.	131705.	46513.	160942.	12956.	95530.
TOTAL MOLLUSCA	79.	523.	330.	2516.	462.	9926.
TOTAL CRUSTACEA	2201.	80523.	44783.	163869.	6492.	72096.
TOTAL DECAPOD LARVAE	0.	21101.	1072.	23273.	708.	11566.
TOTAL COPEPODA	2182.	22496.	43216.	97179.	5325.	32096.
TOTAL ADULT PONTELLID COPEPODS	1179.	9591.	33814.	27676.	615.	3181.
TOTAL IMMATURE PONTELLID COPEPODS	903.	698.	8495.	27047.	523.	2602.
TOTAL TUNICATES	0.	523.	907.	1087.	892.	1139.
TOTAL FISH	0.	379.	595.	1290.	290.	684.
TOTAL FISH EGGS	10614.	21564.	495.	3459.	277.	482.
TAR (GRAMS PER 1,000 CUBIC METERS)	1.06	0.87	10.06	1.57	5.33	3.64

WINTER 1976: TRANSECT IV: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	40649.	49166.	16312.	222860.	3762.	133472.
TOTAL MOLLUSCA	3.	217.	0.	5671.	147.	715.
TOTAL CRUSTACEA	36644.	37450.	44390.	189975.	1550.	130047.
TOTAL DECAPOD LARVAE	0.	7919.	0.	14177.	84.	102614.
TOTAL COPEPODA	36644.	17356.	44033.	64810.	963.	12156.
TOTAL ADULT PONTELLID COPEPODS	15704.	5096.	5983.	8709.	293.	1073.
TOTAL IMMATURE PONTELLID COPEPODS	20940.	1065.	33159.	2835.	84.	179.
TOTAL TUNICATES	84.	1410.	0.	2430.	0.	894.
TOTAL FISH	0.	1322.	0.	421.	846.	20.
TOTAL FISH EGGS	3546.	1410.	117838.	10127.	461.	0.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.54	1.61	2.02	0.85	10.37	1.09

TABLE 2 CONT.'D

MARCH 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	36603.	235781.	42944.	141565.	22409.	280172.
TOTAL MOLLUSCA	125.	893.	615.	3879.	421.	11907.
TOTAL CRUSTACEA	31444.	163074.	14427.	89643.	5944.	239797.
TOTAL DECAPOD LARVAE	747.	28874.	1362.	23875.	396.	37044.
TOTAL COPEPODA	30008.	149135.	12308.	37064.	4260.	85994.
TOTAL ADULT PONTELLID COPEPODS	1307.	63465.	1641.	6596.	693.	4300.
TOTAL IMMATURE PONTELLID COPEPODS	25637.	50902.	3009.	215.	297.	992.
TOTAL TUNICATES	436.	893.	479.	7111.	7579.	20506.
TOTAL FISH	996.	6567.	141.	1296.	158.	1341.
TOTAL FISH EGGS	5105.	11907.	20171.	8620.	2060.	331.
TAR (GRAMS PER 1,000 CUBIC METERS)	15.60	24.93	26.39	1.94	4.30	11.74

APRIL 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	36877.	390136.	57797.	451363.	1655.	134277.
TOTAL MOLLUSCA	564.	10921.	325.	4923.	200.	15650.
TOTAL CRUSTACEA	32661.	352989.	51695.	424615.	200.	105109.
TOTAL DECAPOD LARVAE	141.	17474.	1096.	35077.	13.	6307.
TOTAL COPEPODA	25163.	272600.	47838.	355077.	109.	87825.
TOTAL ADULT PONTELLID COPEPODS	15013.	140232.	5026.	42462.	18.	2569.
TOTAL IMMATURE PONTELLID COPEPODS	7683.	37133.	40934.	294769.	18.	0.
TOTAL TUNICATES	2396.	9611.	1137.	4923.	127.	2569.
TOTAL FISH	568.	831.	132.	623.	0.	666.
TOTAL FISH EGGS	1633.	6990.	3574.	8000.	1109.	934.
TAR (GRAMS PER 1,000 CUBIC METERS)	4.85	14.74	23.17	401.56	0.00	3.57

TABLE 2 CONT.'D

SPRING 1976: TRANSECT I: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	983951.	349660.	226025.	469194.	9779.	187980.
TOTAL MOLLUSCA	0.	26074.	8393.	13106.	157.	21374.
TOTAL CRUSTACEA	971034.	318024.	186134.	404532.	4190.	113216.
TOTAL DECAPOD LARVAE	6790.	13037.	2998.	25833.	9[illegible].	24193.
TOTAL COPEPODA	946566.	248183.	138791.	273474.	3686.	53011.
TOTAL ADULT PONTELLID COPEPODS	660032.	2370.	34473.	4369.	431.	1174.
TOTAL IMMATURE PONTELLID COPEPODS	78769.	0.	20362.	3495.	1529.	470.
TOTAL TUNICATES	0.	0.	9293.	8737.	294.	10334.
TOTAL FISH	10.	31.	2.	3802.	32.	2188.
TOTAL FISH EGGS	2716.	4741.	3397.	1747.	4118.	2114.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.00	1.19	1.50	1.66	0.78	1.98

SPRING 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	1031790.	442859.	196648.	632365.	228714.	56291.
TOTAL MOLLUSCA	5260.	21704.	4649.	56280.	1197.	432.
TOTAL CRUSTACEA	1516713.	369287.	175999.	497107.	191656.	44581.
TOTAL DECAPOD LARVAE	17534.	35310.	324.	38621.	171.	6701.
TOTAL COPEPODA	1139725.	246804.	173513.	411034.	188923.	20650.
TOTAL ADULT PONTELLID COPEPODS	220931.	7356.	2595.	10483.	1024.	2188.
TOTAL IMMATURE PONTELLID COPEPODS	412055.	7356.	1730.	7172.	2048.	2325.
TOTAL TUNICATES	8767.	1103.	3676.	16000.	21675.	3556.
TOTAL FISH	3517.	3316.	0.	1165.	189.	338.
TOTAL FISH EGGS	3507.	13977.	432.	1103.	6656.	0.
TAR (GRAMS PER 1,000 CUBIC METERS)	15.01	3.61	40.49	8.87	0.76	33.41

SPRING 1976: TRANSECT III: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	1287320.	899624.	324758.	416225.	20556.	464993.
TOTAL MOLLUSCA	0.	4267.	3249.	5608.	325.	6837.
TOTAL CRUSTACEA	1265613.	844097.	239196.	382457.	11439.	423121.
TOTAL DECAPOD LARVAE	2629.	73244.	5899.	77859.	284.	24309.
TOTAL COPEPODA	1251232.	608711.	212055.	92219.	11086.	23866.
TOTAL ADULT PONTELLID COPEPODS	204225.	124444.	590.	3737.	893.	6837.
TOTAL IMMATURE PONTELLID COPEPODS	1039820.	157867.	0.	623.	447.	760.
TOTAL TUNICATES	0.	0.	66074.	7474.	2518.	0.
TOTAL FISH	1579.	56.	25.	754.	48.	3890.
TOTAL FISH EGGS	12944.	31289.	0.	0.	3817.	1519.
TAR (GRAMS PER 1,000 CUBIC METERS)	11.21	0.00	0.00	0.00	4.11	0.00

SPRING 1976: TRANSECT IV: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	176010.	488947.	23473.	301320.	21563.	265524.
TOTAL MOLLUSCA	533.	33765.	206.	21522.	4135.	2005.
TOTAL CRUSTACEA	166133.	429949.	21746.	251468.	9846.	241963.
TOTAL DECAPOD LARVAE	267.	83339.	346.	16425.	3938.	7352.
TOTAL COPEPODA	63200.	239332.	20645.	134796.	5022.	112961.
TOTAL ADULT PONTELLID COPEPODS	38133.	58978.	4886.	12460.	197.	0.
TOTAL IMMATURE PONTELLID COPEPODS	20267.	51713.	2065.	5097.	1083.	668.
TOTAL TUNICATES	0.	855.	138.	0.	492.	1337.
TOTAL FISH	10.	873.	280.	11.	98.	836.
TOTAL FISH EGGS	4800.	8546.	206.	2832.	886.	2005.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2 CONT.'D

JULY 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	162857.	38846.	14996.	152886.	3979.	18767.
TOTAL MOLLUSCA	516.	495.	110.	4609.	84.	82.
TOTAL CRUSTACEA	155527.	27622.	10444.	129429.	527.	14[illegible].
TOTAL DECAPOD LARVAE	4301.	[illegible]46[illegible].	[illegible]4[illegible].	18435.	21.	3795.
TOTAL COPEPODA	122527.	14523.	9565.	97861.	775.	3842.
TOTAL ADULT PONTELLID COPEPODS	90495.	4135.	352.	54249.	1[illegible].	119.
TOTAL IMMATURE PONTELLID COPEPODS	27871.	4332.	1686.	10992.	304.	79.
TOTAL TUNICATES	0.	0.	1686.	709.	15[illegible].	0.
TOTAL FISH	271.	95.	9.	5017.	10.	[illegible]32.
TOTAL FISH EGGS	1543.	9305.	1371.	3191.	2628.	317.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.00	0.00	2.37	0.00	1.15	1.15

AUGUST 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	230027.	169517.	33521.	104954.	25894.	120794.
TOTAL MOLLUSCA	14574.	11097.	455.	11578.	1471.	5769.
TOTAL CRUSTACEA	212913.	132712.	26009.	83695.	17070.	98073.
TOTAL DECAPOD LARVAE	9822.	41653.	1972.	10758.	223.	20372.
TOTAL COPEPODA	16792.	53615.	6218.	35100.	15643.	34434.
TOTAL ADULT PONTELLID COPEPODS	2651.	21739.	3640.	18051.	936.	2524.
TOTAL IMMATURE PONTELLID COPEPODS	1584.	3040.	1441.	1459.	312.	1262.
TOTAL TUNICATES	317.	2736.	1289.	1276.	2630.	2524.
TOTAL FISH	2.	4423.	156.	741.	134.	5592.
TOTAL FISH EGGS	0.	11249.	3412.	4650.	756.	0.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.84	0.76	0.45	3.46	0.00	5.44

TABLE 2 CONT.'D

FALL 1976 SEASONAL: TRANSECT I: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	56473.	257606.	55268.	291395.	14750.	17622.
TOTAL MOLLUSCA	449.	2263.	367.	1453.	4028.	1089.
TOTAL CRUSTACEA	49588.	226555.	46663.	258291.	8609.	14702.
TOTAL DECAPOD LARVAE	1573.	13398.	3650.	8553.	731.	2932.
TOTAL COPEPODA	35654.	175151.	18803.	149666.	2207.	9969.
TOTAL ADULT CONTELLID COPEPODS	30926.	55596.	7149.	41336.	356.	1592.
TOTAL IMMATURE CONTELLID COPEPODS	2361.	7755.	5779.	3705.	731.	4984.
TOTAL TUNICATES	326.	1939.	1984.	2851.	166.	0.
TOTAL FISH	0.	333.	0.	1745.	2.	18.
TOTAL FISH EGGS	570.	970.	4054.	235.	110.	42.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.00	1.08	0.00	0.00	0.28	14.76

TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	64279.	62672.	15462.	85640.	57052.	12191.
TOTAL MOLLUSCA	187.	2667.	432.	2376.	1010.	1712.
TOTAL CRUSTACEA	91726.	51114.	11400.	69819.	53167.	8523.
TOTAL DECAPOD LARVAE	2239.	4358.	236.	3841.	15241.	1081.
TOTAL COPEPODA	57918.	42311.	10496.	26650.	5372.	4669.
TOTAL ADULT CONTELLID COPEPODS	24443.	2933.	3145.	9205.	1433.	833.
TOTAL IMMATURE CONTELLID COPEPODS	5604.	899.	2634.	7615.	478.	2084.
TOTAL TUNICATES	373.	366.	2084.	645.	318.	186.
TOTAL FISH	192.	200.	130.	1218.	62.	21.
TOTAL FISH EGGS	540.	575.	275.	0.	150.	260.
TAR (GRAMS PER 1,000 CUBIC METERS)	7.47	1.05	4.18	3.05	1.11	4.41

TRANSECT III: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	5321.	63944.	76433.	220839.	4924.	133671.
TOTAL MOLLUSCA	552.	23359.	331.	5350.	42.	11074.
TOTAL CRUSTACEA	4852.	31558.	23943.	190360.	3271.	116600.
TOTAL DECAPOD LARVAE	300.	8622.	3203.	19555.	255.	23968.
TOTAL COPEPODA	3513.	15932.	13241.	34572.	2265.	24102.
TOTAL ADULT CONTELLID COPEPODS	2539.	4444.	2759.	10036.	1161.	7817.
TOTAL IMMATURE CONTELLID COPEPODS	843.	39.	3972.	6379.	184.	6514.
TOTAL TUNICATES	0.	2489.	2097.	1441.	28.	977.
TOTAL FISH	73.	653.	0.	235.	0.	1975.
TOTAL FISH EGGS	804.	2222.	331.	206.	396.	0.
TAR (GRAMS PER 1,000 CUBIC METERS)	3.17	0.00	35.51	0.00	0.00	0.00

TRANSECT IV: STATION:	1D	1N	2D	2N	3D	3N
TOTAL NO. PER 1,000 CUBIC METERS	2460.	177652.	8398.	69544.	5839.	32390.
TOTAL MOLLUSCA	643.	3975.	53.	6188.	39.	559.
TOTAL CRUSTACEA	597.	154441.	5956.	50033.	3987.	25166.
TOTAL DECAPOD LARVAE	377.	22665.	32.	21923.	39.	5191.
TOTAL COPEPODA	399.	122236.	5798.	11845.	3646.	8109.
TOTAL ADULT CONTELLID COPEPODS	111.	17889.	1743.	707.	66.	174.
TOTAL IMMATURE CONTELLID COPEPODS	89.	795.	2640.	707.	407.	2005.
TOTAL TUNICATES	222.	199.	253.	1238.	105.	436.
TOTAL FISH	44.	3733.	299.	1124.	56.	286.
TOTAL FISH EGGS	155.	1193.	253.	0.	656.	262.
TAR (GRAMS PER 1,000 CUBIC METERS)	0.18	0.00	0.00	0.18	0.16	20.99

TABLE 2 CONT.'D

NUMERICAL ABUNDANCE OF SELECTED TAXONOMIC GROUPS
AND DRY WEIGHT OF TAR FROM NEUSTON SAMPLES

November 1976: Transect II: Stations	1D	1N	2D	2N	3D	3N
Total No. Per 1,000 Cubic Meters	114067.	86778.	88042.	75386.	35600.	28347.
Total Mollusca	126.	137.	508.	764.	296.	4676.
Total Crustacea	104221.	75763.	82963.	70721.	31267.	18069.
Total Decapod Larvae	632.	1983.	3725.	4430.	8711.	9719.
Total Copepoda	102197.	54222.	42328.	45365.	14163.	6235.
Total Adult Pontellid Copepods	21123.	6496.	11344.	13212.	3378.	2109.
Total Immature Pontellid Copepods	49455.	1504.	17778.	5957.	415.	183.
Total Tunicates	0.	68.	508.	0.	770.	1009.
Total Fish	715.	485.	0.	236.	126.	553.
Total Fish Eggs	397.	68.	1354.	1222.	59.	0.
Tar (Grams per 1,000 Cubic Meters)	5.94	0.41	0.00	0.49	0.30	0.09

December 1976: Transect II: Stations	1D	1N	2D	2N	3D	3N
Total No. Per 1,000 Cubic Meters	6340.	95038.	121868.	421216.	34767.	59648.
Total Mollusca	33.	327.	410.	3969.	502.	821.
Total Crustacea	5806.	83429.	109131.	387472.	24370.	50549.
Total Decapod Larvae	148.	2776.	7285.	26295.	979.	3751.
Total Copepoda	5460.	59510.	56103.	199938.	13994.	24850.
Total Adult Pontellid Copepods	610.	8408.	27077.	112620.	4012.	3751.
Total Immature Pontellid Copepods	239.	2122.	1128.	0.	98.	0.
Total Tunicates	0.	245.	1231.	6946.	587.	1055.
Total Fish	113.	344.	1349.	2981.	6370.	894.
Total Fish Eggs	0.	0.	308.	1984.	587.	117.
Tar (Grams per 1,000 Cubic Meters)	0.02	0.00	0.00	0.00	208.71	28.09

TABLE 3

1976 NEUSTON SAMPLE ANALYSES LISTING
NUMBERS OF INDIVIDUALS PER 1000 m^3 IN EACH SAMPLE

Explanation of Table 3:

Station: D=Day, N=Night

Concentration Equal to 1 Individual=Conversion factor used to convert number of individuals actually counted in a given aliquot to number of individuals/1000 m^3 water filtered.

WINTER 1976: TRANSECT 2 I: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	105.3	233.0	357.9
SIPHONOPHORES						
PHYSALIA	15.1	8.8	0.0	9.9	2.4	0.0
PORPITA	20.1	23.5	0.0	210.5	155.3	214.6
VELLILA	1598.0	117.6	3.0	1644.7	220.9	147.7
SIPHONOPHORE PARTS			RARE	RARE	RARE	RARE
MEDUSAE	0.0	0.0	0.0	0.0	77.7	0.0
CTENOPHORES						
NEMATODES	40.2	23.5	0.0	0.0	0.0	0.0
POLYCHAETES	0.0	47.1	0.0	0.0	0.0	0.0
ALCIOPIDAE	0.0	0.0	190.5	0.0	0.0	0.0
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER	20.1	0.0	0.0	0.0	0.0	71.6
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	60.3	141.2	190.5	421.1	0.0	0.0
GASTROPOD MEROPLANKTERS	0.4	1176.5	761.9	1475.7	77.7	0.0
GLAUCUS	0.0	0.0	0.0	0.0	7.3	0.0
JANTHINA SHELLS	0.0	0.0	0.0	526.3	7.3	71.6
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	0.0	4.9	2.2
HETEROPODS						
ATLANTIDAE						
PTERTRACHEIDAE	0.0	0.0	0.0	0.0	77.7	0.0
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	310.7	143.2
CAVOLINIA LONGIROSTRIS	0.0	0.0	190.5	0.0	0.0	0.0
CAVOLINIA UNCINATA						
CRESEIS ACICULA						
CRESEIS VIRGULA	0.0	0.0	952.4	105.3	621.4	214.6
DIACRIA QUADRIDENTATA	0.0	0.0	0.0	0.0	77.7	0.0
LIMACINA BULIMOIDES						
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	71.6
LIMACINA TROCHIFORMIS	0.0	0.0	0.0	947.4	0.0	357.9
STYLIOLA SUBULA						
HYALOCYLIS STRIATA	0.0	0.0	0.0	105.3	0.0	0.0
PENAGLIS SPP.						
GYMNOSOMES	0.0	0.0	381.0	105.3	0.0	0.0
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	40.2	94.1	3809.5	1578.9	310.7	3722.6
PHRONIMIDS	0.0	0.0	0.0	315.8	0.0	0.0
PHRONIMA COLLETTI						
BARNACLE NAUPLII	0.0	1023.5	0.0	0.0	0.0	0.0
BARNACLE CYPRIDS	0.0	0.0	1523.8	315.8	233.0	286.4
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS						
CARIDEAN SHRIMP	0.0	0.0	0.0	315.8	0.0	0.0
LUCIFER PAPONI	0.0	94.1	3295.2	105.3	699.0	2147.7
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	0.0	1082.4	0.0	0.0	0.0	572.7
BRACHYURAN MEGALOPS	241.2	2194.1	2095.5	1368.4	77.7	286.4
BRACHYURAN ZOEAS	0.0	0.0	381.0	421.1	155.3	3651.0
PALAEMON LARVAE						
SHRIMP LARVAE	0.0	0.0	1142.9	631.6	310.7	429.5
STOMATOPOD ALIMA LARVAE	0.0	0.0	577.4	0.0	310.7	143.2
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	71.6
LUCIFER						
MYSIDACEA	0.0	470.6	0.0	421.1	0.0	143.2
OSTRACODA	0.0	0.0	381.0	0.0	0.0	214.8
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE	0.0	0.0	0.0	0.0	77.7	0.0
CANDACIA SIPINNATA MALE						
CANDACIA SIPINNATA FEMALE	0.0	0.0	0.0	0.0	0.0	71.6
CANDACIA SPP.	0.0	0.0	190.5	210.5	77.7	0.0
CENTROPAGES FURCATUS MALE	20.1	141.2	0.0	105.3	776.7	143.2
CENTROPAGES FURCATUS FEMALE	20.1	376.5	1333.3	526.3	2465.4	501.1
EUCHAETA MARINA MALE	0.0	0.0	0.0	0.0	0.0	143.2
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	214.8
EUCHAETA SPP.	0.0	0.0	0.0	0.0	0.0	214.8
EUCHAETA SPP. IMMATURE	0.0	23.5	381.0	105.3	0.0	0.0
SCOLECOLAMBRUS MINOR	40.2	0.0	1142.9	736.8	1631.1	3222.7
NEOCALANUS PISECKI FEMALE	0.0	0.0	0.0	0.0	0.0	143.2
NEOCALANUS GRACILIS FEMALE						
N. GRACILIS + PISECKI MALES						
NEOCALANUS ABDOMINALIS IMMATU						
NEOCALANUS SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED	0.0	0.0	0.0	210.5	0.0	0.0
TEMORA STYLIFERA	0.0	0.0	9147.9	736.8	3262.1	572.7
TEMORA TURBINATA	40.2	1611.8	4380.9	2000.0	932.0	501.1
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE						
UNDINULA VULGARIS FEMALE						
LUCALANUS ATTENUATUS MALE	0.0	0.0	0.0	0.0	0.0	71.6
LUCALANUS ATTENUATUS FEMALE						
LUCALANUS SPP. MALE						
LUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	80.4	117.6	6190.5	12421.1	155.3	214.6
ANOMALOCERA ORNATA FEMALE	[illegible]	94.1	6476.2	4105.3	0.0	214.6
ANOMALOCERA ORNATA IMMATURE	[illegible]	1901.9	2542.6	10947.4	0.0	1282.6
CALANOPIA AMERICANA MALE	0.0	147.1	0.0	315.8	0.0	71.6
CALANOPIA AMERICANA FEMALE	3.0	600.0	0.0	3578.9	621.4	501.1
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	65.3	1764.0	1714.3	4105.3	77.7	0.0
LABIDOCERA AESTIVA FEMALE	0.0	141.2	1563.3	1368.4	155.3	71.6
LABIDOCERA SCOTTI MALE						
LABIDOCERA SCOTTI FEMALE	0.0	0.0	190.5	0.0	0.0	0.0
LABIDOCERA IMMATURE	0.0	188.2	0.0	210.5	0.0	1064
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE						
PONTELLA MINGERANI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	482.4	117.6	0.0	0.0	0.0	0.0
PONTELLOPSIS VILLOSA MALE	0.0	0.0	571.4	315.8	77.7	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	571.4	421.1	77.7	0.0
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	105.3	0.0	143.2
PONTELLINA PLUMATA FEMALE	0.0	0.0	0.0	210.5	0.0	0.0
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	6522.0	10788.2	2286.1	210.5	1165.0	6375.8
CYCLOPOIDA	80.4	23.5	571.4	0.0	1705.7	2562.4
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	77.7	429.5
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE	0.0	0.0	0.0	0.0	0.0	357.9
SAPPHIRINA STELLATA	0.0	0.0	0.0	105.3	0.0	0.0
SAPPHIRINA NICROMACULATA						
SAPPHIRINA ACUTELINA						
SAPPHIRINA SPP.						
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	1529.1	2135.3	4169.5	2000.0	1339.6	1174.1
TUNICATES						
DOLIOLIDS	0.0	47.1	1143.0	3052.6	932.0	2004.5
LARVACEANS	0.0	0.0	2285.7	2421.1	0.0	214.6
SALPS						
FISH	7.5	141.2	1657.1	555.3	1566.7	228.2
FISH EGGS	4024.3	117.6	11619.0	15947.4	1475.7	644.3
HALOBATES MICANS	0.0	0.0	0.0	0.0	0.0	214.8
PLANT STEMS					PRESENT	
PLASTIC		PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
SARGASSUM						PRESENT
SARGASSUM FAUNA				PRESENT	PRESENT	
TAR	0.0	4.0	5.0	23.0	0.7	5.1
TERRESTRIAL INSECTS	0.0	23.5	0.0	105.3	0.0	73.8
WOOD						
MISCELLANEOUS DEBRIS						
COPEPOD EXOSKELETONS	ABUNDANT					
SHELL FRAGMENTS						
STRING		PRESENT				
FEATHERS		PRESENT				
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	34740.	55397.	124857.	81569.	24638.	50570.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	20.1	23.5	190.5	105.3	77.7	71.6
ALIQUOT SIZE	1/ 8.	1/ 8.	1/ 64.	1/ 32.	1/ 32.	1/ 32.
NO. OF TAXA IDENTIFIED	23	32	38	48	41	51

WINTER 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	6.1	0.0	155.0	196.9	0.0	385.5
SIPHONOPHORES						
PHYSALIA	0.0	0.0	0.0	0.0	0.0	6.0
PORPITA						
VELELLA	0.0	0.0	0.0	0.0	330.0	27.1
SIPHONOPHORE PARTS		ABUNDANT	RARE	RARE	RARE	RARE
MEDUSAE	6.1	0.0	0.0	0.0	0.0	192.8
CTENOPHORES						
NEMATODES	0.0	44.0	0.0	0.0	0.0	0.0
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	393.8	126.5	0.0
OTHER	0.0	490.5	0.0	0.0	0.0	192.8
UNIDENTIFIED WORM	0.0	44.0	0.0	0.0	0.0	0.0
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	256.5	0.0	196.9	0.0	0.0
GASTROPOD MEROPLANKTERS	12.2	267.4	77.5	196.9	126.5	192.8
GLAUCUS	0.0	0.0	0.0	0.0	0.0	9.0
JANTHINA SHELLS	0.0	0.0	0.0	0.0	63.2	0.0
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	0.0	0.0	3.0
HETEROPODS						
ATLANTIDAE	6.1	176.3	0.0	984.6	0.0	192.8
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA						
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	0.0	0.0	0.0	0.0	192.8
CRESEIS VIRGULA	0.0	0.0	2634.4	904.6	126.5	1156.6
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	0.0	309.9	393.8	0.0	1927.7
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	0.0	77.5	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	63.2	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	158.5	5392.6	77.5	12000.0	63.2	4626.5
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII	0.0	312.0	0.0	0.0	0.0	0.0
BARNACLE CYPRIDS	0.0	0.0	77.5	0.0	1454.5	0.0
DECAPODA						
BRACHYURAN CRABS	0.0	133.7	0.0	0.0	0.0	0.0
PORTUNID CRABS	0.0	0.0	2.4	0.0	126.5	0.0
CARIDEAN SHRIMP	0.0	0.0	0.0	3.1	63.2	0.0
LUCIFER FAXONI	0.0	133.7	13669.2	3544.6	63.2	5204.6
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	0.0	176.3	0.0	787.7	0.0	578.3
BRACHYURAN MEGALOPS	12.2	312.0	542.4	0.0	0.0	1157.5
BRACHYURAN ZOEAS	42.7	356.5	387.4	1378.5	253.0	1156.7
MACRURAN LARVAE						
SHRIMP LARVAE	0.1	1337.0	155.0	787.7	0.0	3662.6
STOMATOPOD ALIMA LARVAE	0.0	178.3	7.3	196.9	0.0	0.0
EUPHAUSIIDS	0.0	0.0	0.0	2560.0	0.0	192.8
CUMACEA						
MYSIDACEA	0.0	1426.2	0.0	1772.3	63.2	2313.3
OSTRACODA	0.0	222.8	77.5	21267.7	0.0	1542.2
CLADOCERA	0.0	0.0	0.0	0.0	63.2	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE	0.0	0.0	0.0	196.9	0.0	0.0
CANDACIA CURTA FEMALE	0.0	0.0	0.0	393.8	0.0	0.0
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	787.7	63.2	0.0
CENTROPAGES FURCATUS MALE	0.0	0.0	0.0	590.8	63.2	1349.4
CENTROPAGES FURCATUS FEMALE	0.0	935.9	309.9	393.8	379.4	2313.3
EUCHAETA MARINA MALE	0.0	0.0	77.5	590.8	63.2	0.0
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	590.8	63.2	192.8
EUCHAETA SPP.	0.0	0.0	0.0	1969.2	0.0	0.0
EUCHAETA SPP. IMMATURE	0.0	89.1	0.0	5316.9	63.2	578.3
NANNOCALANUS MINOR	0.0	0.0	77.5	16344.6	4047.4	19655.4
PLEUROMAMMA PISECKI FEMALE	0.0	0.0	0.0	590.8	63.2	385.5
PLEUROMAMMA GRACILIS FEMALE	0.0	0.0	0.0	196.9	0.0	0.0
P. GRACILIS + PISECKI MALES	0.0	0.0	0.0	393.8	0.0	0.0
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE	0.0	0.0	0.0	0.0	63.2	0.0
RHINCALANUS CORNUTUS	0.0	0.0	0.0	196.9	63.2	0.0
RHINCALANUS UNIDENTIFIED	0.0	0.0	0.0	5316.9	0.0	0.0
TEMORA STYLIFERA	13.3	401.1	464.9	2756.9	4679.8	3469.9
TEMORA TURBINATA	54.9	491.4	0.0	4923.1	126.5	578.3
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE	0.0	0.0	0.0	787.7	0.0	0.0
UNDINULA VULGARIS MALE	0.0	0.0	0.0	196.9	0.0	0.0
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE	0.0	0.0	0.0	984.6	0.0	192.8
EUCALANUS ATTENUATUS FEMALE	0.0	0.0	77.5	0.0	0.0	0.0
EUCALANUS SPP. MALE	0.0	0.0	0.0	393.8	0.0	0.0
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	225.0	133.7	1115.4	3150.8	1204.0	192.8
ANOMALOCERA ORNATA FEMALE	175.0	89.1	2711.9	1378.5	509.7	385.5
ANOMALOCERA ORNATA IMMATURE	2311.0	4159.3	3757.7	5710.8	3098.8	2698.8
CALANOPIA AMERICANA MALE	0.0	757.1	77.5	1161.5	63.2	192.8
CALANOPIA AMERICANA FEMALE	0.0	1114.2	77.5	2560.0	0.0	2698.8
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	163.7	1114.2	309.9	14769.2	120.5	1927.7
LABIDOCERA AESTIVA FEMALE	146.3	1156.3	464.9	4135.4	253.0	1349.4
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	0.0	120.5	0.0
LABIDOCERA SCOTTI FEMALE	0.0	0.0	0.0	0.0	252.0	192.8
LABIDOCERA IMMATURE	20.5	256.5	542.4	2953.8	187.7	0.0
PONTELLA MEADII MALE	0.0	0.0	0.0	196.9	63.2	0.0
PONTELLA MEADII FEMALE	0.0	0.0	0.0	196.9	0.0	0.0
PONTELLA MIMOCERAMI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	122.0	0.0	309.9	0.0	189.7	0.0
PONTELLOPSIS VILLOSA MALE	0.1	0.0	1084.7	0.0	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	1394.7	0.0	0.0	0.0
PONTELLOPSIS IMMATURE	0.0	0.0	697.5	0.0	0.0	0.0
PONTELLINA PLUMATA MALE	0.0	0.0	309.9	0.0	0.0	0.0
PONTELLINA PLUMATA FEMALE	0.0	0.0	77.5	0.0	0.0	0.0
PONTELLINA IMMATURE	6.1	0.0	0.0	0.0	0.0	0.0
IMMATURE & UNIDENTIFIED CALANOID	2066.1	7109.2	2169.5	2750.2	1050.9	2166.7
CYCLOPOIDA	91.5	133.7	1859.0	2756.9	1611.9	578.3
COPILIA MIRABILIS MALE	0.0	0.0	77.5	196.9	0.0	0.0
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	196.9	63.2	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE	0.0	0.0	77.5	0.0	0.0	0.0
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA	0.0	0.0	0.0	393.8	0.0	0.0
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	120.5	0.0
HARPACTICOIDA	0.1	0.0	77.5	0.0	0.0	0.0
CALICOIDA						
COPEPOD NAUPLIUS	0.1	0.0	0.0	0.0	0.0	0.0
ECHINODERM LARVAE						
CHAETOGNATHS	248.5	1476.3	774.8	6695.1	5502.0	1544.9
TUNICATES						
DOLIOLIDS	0.1	535.9	2324.5	904.8	189.7	4619.3
LARVACEANS	0.1	133.7	619.9	5120.0	0.0	385.5
SALPS						
FISH	61.0	172.7	19.4	343.1	134.4	581.3
FISH EGGS	481.7	256.5	2325.3	17722.1	1581.0	0.0
HALOBATES MICANS	0.0	0.0	0.0	0.0	0.0	192.8
PLANT STEMS						
PLASTIC			PRESENT	PRESENT		
SARGASSUM					PRESENT	PRESENT
SARGASSUM FAUNA						
TAR	0.0	0.0	7.3	0.0	40.5	22.0
TERRESTRIAL INSECTS	0.1	44.6	0.0	0.0	71.1	5.0
WOOD	PRESENT					PRESENT
MISCELLANEOUS DEBRIS				PRESENT		
COPEPOD EXOSKELETONS		ABUNDANT				
SHELL FRAGMENTS						
STRING	PRESENT		PRESENT			
FEATHERS					PRESENT	
SEA BEANS (PLANT SEEDS)						PRESENT
TOTAL NO. PER 1,000 CUBIC METERS	7424.	33109.	112609.	191073.	44119.	125168.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	0.1	44.6	77.5	196.9	63.2	192.8
ALIQUOT SIZE	1/ 2.	1/ 16.	1/ 32.	1/ 64.	1/ 16.	1/ 64.
NO. OF TAXA IDENTIFIED	26	37	44	59	46	47

WINTER 1976: TRANSECT III: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	0.0	192.8
SIPHONOPHORES						
PHYSALIA						
PORPITA	0.0	0.0	0.0	0.0	164.6	192.8
VELELLA	90.9	2.7	164.9	344.9	198.1	114.5
SIPHONOPHORE PARTS	RARE	RARE	COMMON	RARE	ABUNDANT	COMMON
MEDUSAE	0.0	246.8	82.5	0.0	30.8	192.8
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER	0.0	174.4	0.0	0.0	0.0	192.8
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	0.0	0.0	314.5	0.0	285.5
GASTROPOD MEROPLANKTERS	59.0	248.8	164.9	0.0	164.6	1160.2
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	2.5	0.0	0.0
HETEROPODS						
ATLANTIDAE	0.0	174.4	0.0	0.0	0.0	385.5
PTEROTRACHEIDAE	0.0	0.0	82.5	0.0	61.5	0.0
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	0.0	771.1
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	0.0	0.0	0.0	0.0	96.4
CRESEIS VIRGULA	19.7	0.0	82.5	314.5	153.8	2313.3
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	97.4
LIMACINA TROCHIFORMIS	0.0	0.0	0.0	1887.0	61.5	4626.5
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	0.0	0.0	192.8
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	0.0	21564.0	82.5	30820.6	30.8	18602.4
PHRONIMIDS						
PHRONIMA COLLETTI	0.0	0.0	0.0	314.5	0.0	0.0
BARNACLE NAUPLII						
BARNACLE CYPRIDS	19.7	0.0	82.5	0.0	400.0	0.0
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	182.6	164.9	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	1220.7	0.0	5031.9	0.0	96.4
LUCIFER FAXONI	0.0	2441.4	164.9	4717.4	30.8	6457.6
LUCIFER TYPUS						
LARVAE	0.0	0.0	0.0	0.0	0.0	963.9
ANOMURAN CRAB LARVAE	0.0	2267.0	0.0	0.0	0.0	1445.8
BRACHYURAN MEGALOPS	0.0	5221.6	577.3	19134.3	30.8	1927.7
BRACHYURAN ZOEAE	0.0	13956.4	247.4	629.0	369.2	4915.7
MACRURAN LARVAE	0.0	1046.3	0.0	0.0	0.0	0.0
SHRIMP LARVAE	0.0	1569.5	247.4	3459.5	307.7	2313.3
STOMATOPOD ALIMA LARVAE	0.0	0.0	0.0	351.4	0.0	289.2
EUPHAUSIIDS	0.0	0.0	0.0	314.5	0.0	0.0
CUMACEA						
MYSIDACEA	0.0	523.2	0.0	1327.0	0.0	674.7
OSTRACODA	0.0	1395.1	0.0	0.0	0.0	2313.3
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.						
CENTROPAGES FURCATUS MALE	0.0	1220.7	0.0	0.0	30.8	771.1
CENTROPAGES FURCATUS FEMALE	0.0	3487.7	82.5	943.5	984.0	867.5
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	164.9	0.0	0.0	385.5
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	871.9	0.0	314.5	0.0	867.5
NANNOCALANUS MINOR	0.0	0.0	247.4	28364.7	0.0	12626.5
PLEUROMAMMA PISECKI FEMALE	0.0	0.0	0.0	0.0	0.0	96.4
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU	0.0	0.0	0.0	314.5	0.0	0.0
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS	0.0	0.0	0.0	1256.0	0.0	1734.9
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	19.7	2440.8	82.5	4402.9	1440.2	2409.6
TEMORA TURBINATA	0.0	0.0	0.0	0.0	30.8	867.5
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE						
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	294.0	6103.5	1916.5	9749.4	9[illegible].5	96.4
ANOMALOCERA ORNATA FEMALE	196.0	1267.0	1497.9	6289.9	567.7	0.0
ANOMALOCERA ORNATA IMMATURE	983.1	[illegible]	6494.0	26752.2	523.1	2409.6
CALANOPIA AMERICANA MALE	0.0	174.4	0.0	314.5	0.0	481.9
CALANOPIA AMERICANA FEMALE	0.0	0.0	0.0	314.5	0.0	1445.8
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	0.0	0[illegible]7.5	0.0	6916.9	61.5	674.7
LABIDOCERA AESTIVA FEMALE	0.0	0.0	0.0	2830.5	0.0	96.4
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	0.0	0.0	192.8
LABIDOCERA SCOTTI FEMALE	0.0	174.4	0.0	943.5	0.0	192.8
LABIDOCERA IMMATURE						
PONTELLA MEADII MALE	393.1	0.0	0.0	0.0	0.0	0.0
PONTELLA MEADII FEMALE	294.8	0.0	0.0	314.5	0.0	0.0
PONTELLA MIMOCERAPI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE	0.0	0.0	0.0	0.0	12[illegible].1	0.0
PONTELLA IMMATURE	0.0	174.4	0.0	314.5	0.0	192.8
PONTELLOPSIS VILLOSA MALE	0.0	174.4	0.0	0.0	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE						
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE	0.0	0.0	0.0	0.0	0.0	0.0
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	0.0	[illegible]29.2	247.4	5975.4	768.2	2469.9
CYCLOPOIDA	19.7	0.0	82.5	629.0	923.1	1927.7
COPILIA MIRABILIS MALE	0.0	0.0	0.0	0.0	0.0	96.4
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	314.5	0.0	96.4
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA	0.0	0.0	0.0	0.0	0.0	96.4
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	240.8	0.0	0.0	0.0	0.0
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	117.9	1716[illegible].5	989.7	7550.4	409[illegible]	9427.7
TUNICATES						
DOLIOLIDS	0.0	0.0	742.[illegible]	1572.5	65[illegible]	1[illegible]
LARVACEANS	0.0	0.0	164.9	314.5	0.0	0.0
SALPS	0.0	12[illegible]	0.0	0.0	0.0	0.0
FISH	0.0	376.7	595.4	1289.9	296.2	683.7
FISH EGGS	1014.2	31[illegible]4.0	494.0	3459.5	270.9	[illegible]1.9
HALOBATES MICANS	0.0	2.7	62.5	0.0	30.8	289.2
PLANT STEMS					PRESENT	
PLASTIC				PRESENT	PRESENT	
SARGASSUM		PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
SARGASSUM FAUNA						PRESENT
TAR	1.7	0.9	10.1	1.0	[illegible]	0.0
TERRESTRIAL INSECTS	0.0	0.0	62.5	0.0	0.0	0.0
WOOD						
MISCELLANEOUS DEBRIS						
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS					PRESENT	PRESENT
STRING						
FEATHERS					PRESENT	
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	1[illegible]105.	1[illegible]1705.	4651[illegible]	160942.	12950.	95920.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	19.7	174.4	62.5	314.5	[illegible]	96.4
ALIQUOT SIZE	1/ 8.	1/ 64.	1/ 32.	1/128.	1/ 16.	1/ 32.
NO. OF TAXA IDENTIFIED	14	36	28	40	31	55

WINTER 1976: TRANSECT IV: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	202.5	251.3	0.0
SIPHONOPHORES						
PHYSALIA	0.0	0.0	2.8	0.0	2.0	0.0
PORPITA	0.0	0.0	356.5	0.0	251.3	0.0
VELELLA	2.0	0.0	5.0	0.0	44.5	2.8
SIPHONOPHORE PARTS	RARE	ABUNDANT	COMMON	RARE	RARE	RARE
MEDUSAE						
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER	0.0	542.4	0.0	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	108.5	0.0	1215.2	41.9	0.0
GASTROPOD MEROPLANKTERS	0.0	0.0	0.0	202.5	0.0	357.5
GLAUCUS						
JANTHINA SHELLS	2.0	0.0	0.0	0.0	55.0	0.0
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	0.0	7.9	0.0
HETEROPODS						
ATLANTIDAE	0.0	0.0	0.0	607.6	0.0	0.0
PTEROTRACHEIDAE	0.0	0.0	0.0	0.0	41.9	0.0
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	202.5	0.0	0.0
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRISEIS ACICULA	0.0	0.0	0.0	202.5	0.0	0.0
CRISEIS VIRGULA	0.0	0.0	0.0	202.5	0.0	0.0
DIACRIA QUADRIDENTATA	0.0	0.0	0.0	0.0	0.0	178.8
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	108.5	0.0	2835.4	0.0	0.0
STYLIOLA SUBULA						
HYALOCYLIS STRIATA	0.0	0.0	0.0	202.5	0.0	0.0
PELAGIA SPP.						
GYMNOSOMES						
OTHER	0.0	0.0	0.0	0.0	0.0	178.8
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	0.0	8569.5	178.3	82632.9	209.4	5720.7
PARONIDAE						
THRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS	0.0	0.0	178.3	0.0	167.5	0.0
DECAPODA						
BRACHYURAN CRABS	0.0	0.0	0.0	0.0	0.0	178.8
PORTUNID CRABS	0.0	0.0	0.0	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	1084.7	0.0	2025.2	0.0	357.5
LUCIFER FAXONI	0.0	1190.2	0.0	2025.0	0.0	0435.8
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	0.0	108.5	0.0	0.0	0.0	0.0
BRACHYURAN MEGALOPS	0.0	1087.0	0.0	7090.2	83.8	9173.1
BRACHYURAN ZOEAS	0.0	1301.7	0.0	3443.0	0.0	9296.1
MACRURAN LARVAE						
SHRIMP LARVAE	0.0	3471.2	0.0	3038.0	0.0	2145.3
STOMATOPOD ALIMA LARVAE	0.0	216.9	0.0	202.5	41.9	1432.4
LUCIFERIDS						
CUMACEA						
MYSIDACEA	0.0	433.9	0.0	1215.2	0.0	1072.6
OSTRACODA	0.0	650.8	0.0	22386.1	0.0	178.8
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE	0.0	0.0	0.0	405.1	0.0	0.0
CANDACIA CURTA FEMALE	0.0	0.0	178.3	0.0	0.0	0.0
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA SPINNATA MALE						
CANDACIA SPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	1215.2	0.0	0.0
CENTROPAGES FURCATUS MALE	0.0	1084.7	0.0	1822.8	0.0	0.0
CENTROPAGES FURCATUS FEMALE	84.4	4084.4	0.0	3443.0	83.8	0.0
EUCHAETA MARINA MALE	0.0	0.0	0.0	202.5	0.0	0.0
EUCHAETA MARINA FEMALE	0.0	0.0	178.3	0.0	0.0	1068.9
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	325.4	0.0	3443.0	0.0	536.3
GANNUCALANUS MINOR	0.0	108.5	0.0	14754.3	1047.4	1251.4
MEGAROMMA PISECKI FEMALE						
MEGAROMMA GRACILIS FEMALE						
M. GRACILIS + PISECKI MALES						
MEGAROMMA ABDOMINALIS IMMATU						
MEGAROMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED	0.0	0.0	0.0	4455.7	0.0	357.5
TEMORA STYLIFERA	0.0	433.9	0.0	6075.9	0.0	1251.4
TEMORA TURBINATA	0.0	325.4	0.0	202.5	0.0	178.8
PARACANDACIA BISPINOSA MALE	0.0	0.0	0.0	607.6	41.9	0.0
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE						
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	472[illegible].2	1.44.1	5704.7	2430.4	41.9	0.0
ANOMALOCERA ORNATA FEMALE	5741.4	570.3	5743.7	2025.5	0.0	0.0
ANOMALOCERA ORNATA IMMATURE	1621[illegible].4	142.4	329[illegible].5	2052.9	41.9	0.0
CALANOPIA AMERICANA MALE	0.0	542.4	0.0	0.0	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	433.9	0.0	2227.3	0.0	715.1
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	0.0	07.5	0.0	607.6	0.0	0.0
LABIDOCERA AESTIVA FEMALE	0.0	108.5	0.0	810.1	41.9	0.0
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	202.5	0.0	17[illegible]
LABIDOCERA SCOTTI FEMALE	0.0	108.5	0.0	0.0	83.8	17[illegible].5
LABIDOCERA IMMATURE	0.0	0.0	0.0	0.0	0.0	17[illegible].0
PONTELLA MEADII MALE	3377.3	0.0	178.3	0.0	0.0	0.0
PONTELLA MEADII FEMALE	1657.5	216.9	0.0	0.0	0.0	0.0
PONTELLA MINLCERANI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE	0.0	0.0	0.0	0.0	41.9	0.0
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE	0.0	0.0	0.0	405.1	0.0	0.0
PONTELLA IMMATURE	10469.7	542.4	178.3	202.5	41.9	0.0
PONTELLOPSIS VILLOSA MALE	0.0	0.0	356.5	0.0	41.9	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	0.0	0.0	41.9	0.0
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	168.9	4.36.5	356.5	1522.4	167.5	4[illegible].5
CYCLOPOIDA	0.0	0.0	178.3	1012.7	83.8	1430.2
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE						
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA	0.0	0.0	0.0	202.5	0.0	0.0
SAPPHIRINA NICROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.						
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	16[illegible].9	[illegible]	534.5	1974.7	2[illegible]	[illegible]
TUNICATES						
DOLIOLIDS	0.0	1-10.2	0.0	2015.2	0.0	[illegible]
LARVACEANS	0.0	0.0	0.0	405.1	0.0	0.0
SALPS	84.4	0.0	0.0	0.0	0.0	0.0
FISH	0.0	1.22.0	0.0	420.9	345.5	19.0
FISH EGGS	3546.2	141[illegible].2	117[illegible].4	101[illegible].0	4[illegible].7	[illegible]
HALODATIS MICANS						
PLANT STEMS						
PLASTIC						
SARGASSUM	PRESENT		PRESENT		PRESENT	PRESENT
SARGASSUM FAUNA					PRESENT	PRESENT
TAR	0.0	1.0	2.0	0.9	10.4	1.9
TERRESTRIAL INSECTS						
WOOD						PRESENT
MISCELLANEOUS DEBRIS					PRESENT	
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	40449.	[illegible]	16[illegible]78.	22280[illegible].	3762.	15[illegible]72.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	84.4	168.5	178.3	202.5	41.9	178.5
ALIQUOT SIZE	1/ 32.	1/ 32.	1/ 64.	1/ 64.	1/ 16.	1/ 64.
NO. OF TAXA IDENTIFIED	14	36	18	47	30	30

PONTELLIDS						
ANOMALOCERA ORNATA MALE	4728.2	1.44.1	5704.7	2430.4	41.9	0.0
ANOMALOCERA ORNATA FEMALE	5741.4	570.3	5743.7	2025.0	0.0	0.0
ANOMALOCERA ORNATA IMMATURE	10210.4	142.4	32960.5	2032.9	41.9	0.0
CALANOPIA AMERICANA MALE	0.0	542.4	0.0	0.0	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	433.9	0.0	2227.3	0.0	715.1
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	0.0	87.5	0.0	607.0	0.0	0.0
LABIDOCERA AESTIVA FEMALE	0.0	101.5	0.0	810.1	41.9	0.0
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	202.5	0.0	172.0
LABIDOCERA SCOTTI FEMALE	0.0	106.5	0.0	0.0	83.8	172.0
LABIDOCERA IMMATURE	0.0	0.0	0.0	0.0	0.0	172.0
PONTELLA MEADII MALE	3377.3	0.0	178.3	0.0	0.0	0.0
PONTELLA MEADII FEMALE	1607.5	116.9	0.0	0.0	0.0	0.0
PONTELLA MINLCERAMI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE	0.0	0.0	0.0	0.0	41.9	0.0
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE	0.0	0.0	0.0	405.1	0.0	0.0
PONTELLA IMMATURE	10469.7	542.4	178.3	202.5	41.9	0.0
PONTELLOPSIS VILLOSA MALE	0.0	0.0	356.5	0.0	41.9	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	0.0	0.0	41.9	0.0
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	169.9	6230.5	356.5	15312.4	167.5	4130.5
CYCLOPOIDA	0.0	0.0	178.3	1012.7	83.8	1430.2
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE						
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA	0.0	0.0	0.0	202.5	0.0	0.0
SAPPHIRINA MICROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.						
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIOS						
ECHINODERM LARVAE						
CHAETOGNATHS	169.9	2133.9	534.8	1974.7	209.4	6793.3
TUNICATES						
DOLIOLIDS	0.0	1410.1	0.0	2025.3	0.0	893.9
LARVACEANS	0.0	0.0	0.0	405.1	0.0	0.0
SALPS	84.4	0.0	0.0	0.0	0.0	0.0
FISH	0.0	1.22.0	0.0	420.9	845.5	19.0
FISH EGGS	3540.2	1415.2	117825.4	10120.0	400.7	0.0
HALOCATIS MICANS						
PLANT STEMS						
PLASTIC						
SARGASSUM	PRESENT		PRESENT		PRESENT	PRESENT
SARGASSUM FAUNA					PRESENT	PRESENT
TAR	0.0	1.0	2.0	0.9	10.4	1.9
TERRESTRIAL INSECTS						
WOOD						PRESENT
MISCELLANEOUS DEBRIS					PRESENT	
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	40449.	45166.	163128.	222800.	3767.	138472.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	84.4	106.5	178.3	202.5	41.9	172.0
TOWNET SIZE	1/ 32.	1/ 32.	1/ 64.	1/ 64.	1/ 16.	1/ 64.
NO. OF TAXA IDENTIFIED	14	36	18	47	30	30

CH 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
INIFERA	0.0	0.0	0.0	215.5	544.6	661.5
NCOPHORES						
YSALIA	0.0	0.0	0.0	0.0	3.1	0.0
PTIA	0.0	0.0	0.0	1292.9	0.0	0.0
LLA	0.0	0.0	0.0	0.7	5.4	5.2
PHLNOPHORE PARTS	RARE		RARE	RARE	COMMON	COMMON
SAE	0.0	297.7	0.0	215.5	49.5	0.0
SPHERES						
TOCES						
NALTES						
CIOPIDAE						
TOPTERIDAE						
PHLOSCULLCIDAE	0.0	0.0	0.0	0.0	0.0	330.7
TER	0.0	297.7	0.0	215.5	0.0	0.0
NTIFIED WORM						
OSCA						
VALVE MEROPLANKTERS	0.0	595.3	66.4	2154.9	0.0	1653.7
STEPOD MEROPLANKTERS	0.0	297.7	66.4	431.0	198.1	0.0
MOUS						
TMINA SHELLS						
TMINA BUBBLE RAFTS						
TEROPODS						
ATLANTIDAE	0.0	0.0	0.0	215.5	0.0	330.7
PTEROTRACHEIDAE	0.0	0.0	265.1	0.0	99.1	0.0
TEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	99.1	0.0
CAVOLINIA LONGIROSTRIS	0.0	0.0	0.0	0.0	0.0	330.7
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	0.0	0.0	0.0	198.1	0.0
CRESEIS VIRGULA	62.3	0.0	136.8	215.5	1634.7	661.5
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	62.3	0.0	66.4	862.0	1632.6	7607.2
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
MERACLIS SPP.	0.0	0.0	66.4	0.0	0.0	0.0
MNOSOMES	0.0	0.0	0.0	0.0	148.6	992.2
TER						
TACEA	0.0	0.0	0.0	0.0	49.5	0.0
PHIPODA						
HYMERIDAE	0.0	893.0	265.1	14437.7	49.5	72718.3
PHRONIMIDS						
PHRONIMA COLLETTI						
NACLE NAUPLII	0.0	0.0	0.0	215.5	0.0	0.0
NACLE CYPRIDS	0.0	0.0	0.0	0.0	0.0	0.0
CAPODA	0.0	4.7	0.0	0.0	0.0	0.0
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	0.0	0.0	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	893.0	0.0	862.0	198.1	1323.0
LUCIFER FAXONI	62.3	1190.7	0.0	2154.9	247.7	1323.2
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	0.0	3572.1	0.0	0.0	0.0	0.0
BRACHYURAN MEGALOPS	124.5	14883.7	273.5	6464.6	99.1	19514.1
BRACHYURAN ZOEAS	560.3	8037.2	1094.0	10101.6	0.0	10584.0
MACRURAN LARVAE						
SHRIMP LARVAE	62.3	7738.4	0.0	6249.2	297.2	6945.7
TOMATOPOD ALIMA LARVAE	124.5	1488.4	136.8	3447.0	0.0	5.2
PHAUSIIDS	0.0	0.0	0.0	215.5	148.6	7931.0
MALLA	0.0	0.0	0.0	0.0	0.0	330.7
YSIACEA	0.0	0.0	0.0	1292.9	0.0	2640.0
STRACODA	0.0	0.0	0.0	1077.4	0.0	11576.2
ADICEA	498.1	595.3	273.5	0.0	0.0	0.0
OPEPODA						
CALANOIDS						
CANDACIA CURTA MALE	0.0	0.0	0.0	215.5	49.5	0.0
CANDACIA CURTA FEMALE	0.0	0.0	0.0	215.5	49.5	330.7
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	215.5	0.0	330.7
CENTROPAGES FURCATUS MALE	62.3	893.0	66.4	431.0	0.0	1984.5
CENTROPAGES FURCATUS FEMALE	0.0	2083.7	1435.9	1077.4	0.0	3307.5
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	66.4	0.0	0.0	661.5
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	265.1	1077.4	0.0	1653.7
NANNOCALANUS MINOR	0.0	0.0	1075.0	9481.5	49.5	5.896.0
PLEUROMAMMA PISECKI FEMALE	0.0	0.0	0.0	0.0	0.0	1984.5
PLEUROMAMMA GRACILIS FEMALE	0.0	0.0	0.0	0.0	0.0	330.7
P. GRACILIS + PISECKI MALES	0.0	0.0	0.0	0.0	0.0	330.7
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE	0.0	0.0	0.0	0.0	0.0	330.7
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED	0.0	297.7	0.0	431.0	0.0	0.0
TEMORA STYLIFERA	373.5	1784.6	3006.5	6464.6	1535.6	6615.0
TEMORA TURBINATA	124.5	5930.2	273.5	215.5	0.0	330.7
PARACANDACIA DISPINOSA MALE						
PARACANDACIA DISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	66.4	431.0	0.0	0.0
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE	0.0	0.0	0.0	431.0	0.0	0.0
EUCALANUS ATTENUATUS FEMALE	0.0	0.0	0.0	862.0	0.0	0.0
EUCALANUS SPP. MALE	0.0	0.0	0.0	215.5	0.0	0.0
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	624.6	9623.3	205.1	0.0	0.0	0.0
ANOMALOCERA ORNATA FEMALE	273.5	7144.2	0.0	0.0	0.0	0.0
ANOMALOCERA ORNATA IMMATURE	24404.7	41370.7	3441.5	0.0	49.5	0.0
CALANOPIA AMERICANA MALE	0.0	0.0	0.0	215.5	0.0	330.7
CALANOPIA AMERICANA FEMALE	0.0	0.0	0.0	3663.3	0.0	1323.0
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	62.3	[illegible]	615.4	7370.4	0.0	330.7
LABIDOCERA AESTIVA FEMALE	62.3	10120.9	820.5	431.0	0.0	0.0
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	0.0	54.1	661.5
LABIDOCERA SCOTTI FEMALE	0.0	0.0	0.0	0.0	495.4	0.0
LABIDOCERA IMMATURE	[illegible]	1032.0	2060.7	215.5	145.0	661.5
PONTELLA MEADII MALE	124.5	0.0	0.0	0.0	0.0	0.0
PONTELLA MEADII FEMALE						
PONTELLA MINOCKAMI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	622.6	593.0	0.0	0.0	49.5	330.7
PONTELLOPSIS VILLOSA MALE	0.0	0.0	0.0	0.0	49.5	330.7
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	0.0	0.0	49.5	330.7
PONTELLOPSIS IMMATURE	0.0	0.0	0.0	0.0	49.5	0.0
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	215.5	0.0	992.2
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	2333.5	15770.7	1435.9	4740.7	693.5	5952.0
CYCLOPOIDA	0.0	0.0	62.4	3232.3	693.5	330.7
COPILIA MIRABILIS MALE	0.0	0.0	0.0	0.0	0.0	330.7
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	49.5	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	215.5	145.6	661.5
HARPACTICOIDA						
CALIGOIDA	0.0	297.7	0.0	0.0	0.0	0.0
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	498.1	3151.2	7111.1	2090.9	1782.3	4299.7
TUNICATES	0.0	0.0	0.0	215.5	0.0	0.0
DOLIOLIDS	0.0	0.0	410.3	5016.2	1267.5	1323.0
LARVACEANS	435.8	593.0	65.4	1077.4	743.0	992.2
SALPS	0.0	0.0	0.0	0.0	5543.0	16191.2
FISH	998.1	1567.4	141.0	1246.3	154.0	1341.1
FISH EGGS	5105.1	11907.0	20170.9	6619.5	2080.5	3.0.7
HALOSATES MICANS	0.0	0.0	0.0	0.0	0.0	992.2
PLANT STEMS						
PLASTIC	PRESENT	PRESENT		PRESENT	PRESENT	
SARGASSUM			PRESENT		PRESENT	PRESENT
SARGASSUM FAUNA				PRESENT	PRESENT	PRESENT
TAR	15.6	2[illegible].9	20.4	1.9	9.3	11.7
TERRESTRIAL INSECTS	0.0	0.0	0.0	0.0	0.1	2.6
WOOD					PRESENT	PRESENT
MISCELLANEOUS DEBRIS						
COPEPOD EXOSKELETONS		ABUNDANT	COMMON	RARE		
SHELL FRAGMENTS						
STRING						
FEATHERS					PRESENT	
SEA BEANS (PLANT SEEDS)	PRESENT	PRESENT				
TOTAL NO. PER 1000 CUBIC METERS	5[illegible]03.	255781.	42944.	141535.	22409.	28617[illegible].
CONCENTRATION EQUAL TO 1 INDIVIDUAL	62.3	297.7	68.4	215.5	49.5	330.7
ALIQUOT SIZE	1/ 16.	1/ 64.	1/ 16.	1/ 64.	1/ 16.	1/128.
NO. OF TAXA IDENTIFIED	26	32	34	51	42	55

APRIL 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	40.6	0.0	0.0	73.6
SIPHONOPHORES						
PHYSALIA						
PORPITA						
VELELLA	0.0	3.4	0.0	0.0	0.0	4.6
SIPHONOPHORE PARTS	RARE		COMMON	RARE	RARE	RARE
MEDUSAE	145.4	673.7	203.0	0.0	0.0	233.6
CTENOPHORES	74.9	0.0	0.0	0.0	0.0	0.0
NEMATODES						
POLYCHAETES						
ALCIOPIDAE	0.0	0.0	40.6	0.0	0.0	0.0
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	436.9	40.6	0.0	0.0	0.0
OTHER	0.0	436.9	81.2	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE PEDIVELIGERS	0.0	4605.5	40.6	0.0	0.0	3503.6
GASTROPOD MEROPLANKTONS	0.0	2184.3	40.6	0.0	18.2	[illegible]
GLAUCUS	0.0	0.0	40.6	0.0	0.0	0.0
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	0.0	40.6	1230.2	0.0	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	36.4	233.6
CAVOLINIA LONGIROSTRIS	0.0	0.0	0.0	0.0	0.0	233.6
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	0.0	0.0	0.0	127.3	0.0
CRESEIS VIRGULA	563.9	2621.2	162.4	0.0	18.2	934.5
DIACRIA QUADRIDENTATA	0.0	0.0	0.0	0.0	0.0	700.7
LIMACINA BULIMOIDES						
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	700.7
LIMACINA TROCHIFORMIS	0.0	1310.6	0.0	3692.3	0.0	6540.1
STYLIOLA SUBULA	0.0	0.0	0.0	0.0	0.0	233.6
HYALOCYLIS STRIATA						
PENTAGONIA SPP.						
GYMNOSOMES	0.0	0.0	0.0	0.0	0.0	1635.0
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	281.9	20648.5	731.0	11076.9	18.2	5605.8
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII	0.0	1747.4	0.0	0.0	36.4	0.0
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	0.0	0.0	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	436.9	0.0	0.0	0.0	467.2
LUCIFER FAXONI	0.0	1242.3	690.4	20307.7	0.0	[illegible]
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	0.0	4805.5	40.6	0.0	0.0	0.0
BRACHYURAN MEGALOPS	70.5	2184.3	0.0	0.0	0.0	2100.5
BRACHYURAN ZOEAS	70.5	1200.3	893.4	20307.7	18.2	2102.2
MACRURAN LARVAE						
SHRIMP LARVAE	0.0	2184.3	162.4	6769.2	0.0	1635.0
STOMATOPOD ALIMA LARVAE	0.0	873.7	0.0	0.0	18.2	0.0
EUPHAUSIIDS	0.0	0.0	40.6	615.4	0.0	233.6
CUMACEA						
MYSIDACEA	0.0	0.0	0.0	615.4	0.0	0.0
OSTRACODA	0.0	0.0	446.7	1230.8	0.0	1167.9
CLADOCERA	5674.9	27959.0	892.8	615.4	0.0	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA DIPINNATA MALE						
CANDACIA DIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	1.1.0	615.4	0.0	[illegible]
CENTROPAGES FURCATUS MALE	0.0	0.0	0.0	615.4	0.0	[illegible]
CENTROPAGES FURCATUS FEMALE	0.0	7420.6	324.9	3692.3	0.0	[illegible]
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	233.6
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	81.2	615.4	0.0	4671.5
NEOCALANUS MINOR	0.0	873.7	121.8	1230.8	0.0	47152.5
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
ANTI CALANUS CLEMATUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	352.4	3317.4	284.3	2461.5	18.2	10045.8
TEMORA TURBINATA	70.5	2752.2	324.9	1846.2	0.0	467.2
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE						
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE	0.0	0.0	0.0	0.0	0.0	233.6
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE	5991.2	62471.0	7314.7	4923.1	0.0	0.0
ANOMALOCERA ORNATA FEMALE	6[illegible]5.1	74[illegible]0.6	5[illegible]6.5	615.4	0.0	0.0
ANOMALOCERA ORNATA IMMATURE	2819.4	27[illegible]5.3	81.2	615.4	0.0	0.0
CALANOPIA AMERICANA MALE	0.0	0.0	40.6	4923.1	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	0.0	81.2	7384.6	0.0	21[illegible]
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	352.4	[illegible]75.0	2500.7	16015.4	0.0	0.0
LABIDOCERA AESTIVA FEMALE	1621.1	18785.0	566.5	8000.0	0.0	0.0
LABIDOCERA SCOTTI MALE						
LABIDOCERA SCOTTI FEMALE						
LABIDOCERA IMMATURE	70.6	[illegible]	40527.9	29538.4	0.0	0.0
PONTELLA MEADII MALE	352.4	0.0	40.6	0.0	0.0	0.0
PONTELLA MEADII FEMALE	141.0	[illegible]	[illegible]	0.0	0.0	0.0
PONTELLA PINOCERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	1[illegible].2	0.0
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	4153.6	1747.[illegible]	324.9	615.4	1[illegible].2	0.0
PONTELLOPSIS VILLOSA MALE	0.0	4[illegible]6.9	0.0	0.0	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE						
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	1822.0	19221.0	527.9	615[illegible].3	0.0	12140.0
CYCLOPOIDA	211.5	873.7	81.2	615.4	56.4	1868.0
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	0.0	233.6
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.						
HARPACTICOIDA						
CALIGOIDA	0.0	0.0	0.0	0.0	1[illegible].2	0.0
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	42[illegible].9	65[illegible]2.9	467.5	8000.0	1[illegible].2	3642.3
TUNICATES						
DOLIOLIDS	211.5	2184.3	324.9	2461.5	127.3	1135.0
LARVACEANS	21[illegible].0	7[illegible]26.6	812.2	2461.5	0.0	934.3
SALPS						
FISH	568.3	[illegible]0.5	132.0	622.6	0.0	656.1
FISH EGGS	1622.6	6909.0	3875.6	8000.0	1109.1	934.3
HALOBATES MICANS	70.5	0.0	0.0	0.0	0.0	237.2
PLANT STEMS	PRESENT					
PLASTIC			PRESENT	PRESENT		
SARGASSUM			PRESENT	PRESENT		PRESENT
SARGASSUM FAUNA			PRESENT	PRESENT		PRESENT
TAR	4.0	14.7	2[illegible].2	461.6	0.0	3.0
TERRESTRIAL INSECTS	141.0	440.3	40.6	0.0	0.0	0.0
WOOD			PRESENT	PRESENT		
MISCELLANEOUS DEBRIS		PRESENT				
COPEPOD EXOSKELETONS					RARE	
SMELL FRAGMENTS						
STRING						
FEATHERS				PRESENT		
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	36377.	390130.	57797.	451065.	1655.	134277.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	70.5	43[illegible].9	40.6	615.4	15.2	233.6
ALIQUOT SIZE	1/ 16.	1/128.	1/ 16.	1/256.	1/ 4.	1/128.
NO. OF TAXA IDENTIFIED	27	39	43	34	17	41

SPRING 1976: TRANSECT 1: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	0.0	1084.4
SIPHONOPHORES						
PHYSALIA						
PORPITA	0.0	0.0	0.0	0.0	2.5	0.7
VELELLA						
SIPHONOPHORE PARTS			RARE	RARE	RARE	ABUNDANT
MEDUSAE						
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSOLECIDAE	1555.1	0.0	0.0	0.0	0.0	0.0
OTHER	0.0	0.0	0.0	0.0	0.0	234.9
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	0.0	0.0	0.0	19.6	469.7
GASTROPOD MEROPLANKTERS	0.0	0.0	0.0	0.0	0.0	704.1
GLAUCUS						
JANTHINA SHELLS						
JANTHINA SCUM RAFTS	0.0	0.0	0.0	0.0	0.0	1.0
HETEROPODS						
ATLANTIDAE	0.0	0.0	299.8	873.7	5.3	3283.1
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	873.7	0.0	1409.2
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA	0.0	0.0	299.8	0.0	0.0	0.0
CUVIERIA ACICULA	0.0	2168.5	0.0	873.7	0.0	0.0
CRESEIS VIRGULA	0.0	790.1	7793.9	9610.9	0.0	8220.2
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	469.7
LIMACINA TROCHIFORMIS	0.0	395.1	0.0	873.7	78.4	4697.2
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	0.0	0.0	2113.6
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	4074.3	56098.6	1796.6	37570.0	19.6	17379.6
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS	0.0	0.0	0.0	0.0	0.0	5.5
PETROLIS CRABS						
CARIDEAN SHRIMP	0.0	0.0	0.0	0.0	235.3	234.9
LUCIFER FAXONI	[illegible]	0.0	[illegible]	[illegible]	0.0	[illegible]
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE						
BRACHYURAN MEGALOPS	0.0	4145.7	0.0	11355.4	78.4	10911.9
BRACHYURAN ZOEAE	1551.1	1691.4	2396.1	6110.0	19.6	5401.8
MACRURAN LARVAE						
SHRIMP LARVAE	[illegible]	0.0	599.5	11355.4	0.0	1878.9
STOMATOPOD ALIMA LARVAE	0.0	0.0	599.5	373.7	156.9	2356.0
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	469.7
CUMACEA						
MYSIDACEA	0.0	0.0	0.0	0.0	0.0	469.7
OSTRACODA	0.0	0.0	0.0	34948.8	0.0	234.9
CLADOCERA	0.0	0.0	299.8	0.0	0.0	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.						
CENTROPAGES FURCATUS MALE	[illegible]	[illegible]	1159.1	10000.7	0.0	[illegible]
CENTROPAGES FURCATUS FEMALE	169062.1	113382.7	15567.8	64655.3	58.8	3992.7
EUCHAETA MARINA MALE	0.0	0.0	0.0	373.7	0.0	0.0
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	0.0	0.0	0.0	234.9
NANNOCALANUS MINOR	0.0	0.0	0.0	373.7	0.0	6241.3
PLEUROMAMMA PISLOKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISLOKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	4074.3	4740.7	12669.9	117952.2	1451.0	35099.1
TEMORA TURBINATA	0.0	395.1	0.0	0.0	19.6	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	395.1	299.8	873.7	39.2	469.7
UNDINULA VULGARIS FEMALE						
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE						
CALANOPIA AMERICANA FEMALE						
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE	0.0	0.0	0.0	0.0	0.0	234.9
LABIDOCERA AESTIVA MALE	194765.4	197[illegible]	2598.1	873.7	0.0	0.0
LABIDOCERA AESTIVA FEMALE	531373.9	0.0	2098.4	873.7	0.0	234.9
LABIDOCERA SCOTTI MALE	0.0	0.0	0.0	0.0	0.0	234.9
LABIDOCERA SCOTTI FEMALE	0.0	0.0	299.3	0.0	19.6	234.9
LABIDOCERA IMMATURE	[illegible]	0.0	[illegible]	0.0	[illegible]	234.9
PONTELLA MEADII MALE	21050.4	395.1	20663.8	873.7	0.0	0.0
PONTELLA MEADII FEMALE	[illegible]	[illegible]	[illegible]	1747.4	0.0	0.0
PONTELLA MINOCERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	[illegible]	0.0
PONTELLA SECURIFER FEMALE	0.0	0.0	0.0	0.0	117.6	0.0
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	10185.7	0.0	22482.4	3494.9	566.6	234.9
PONTELLOPSIS VILLOSA MALE	0.0	0.0	0.0	0.0	7[illegible].4	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	0.0	0.0	5[illegible].6	234.9
PONTELLOPSIS IMMATURE	0.0	0.0	0.0	0.0	[illegible]	0.0
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CYCLOPOIDA	679.6	0.0	0.0	0.0	58.8	939.4
COPILIA MIRABILIS MALE	0.0	0.0	0.0	0.0	0.0	234.9
COPILIA MIRABILIS FEMALE						
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NICROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	58.8	1409.2
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
MINOCERM LARVAE	679.0	0.0	0.0	0.0	0.0	0.0
ASTRONATHS	[illegible]	0.0	1[illegible]5.5	3570.0	74[illegible].1	1[illegible]19.5
MICATES						
DOLIOLIDS	0.0	0.0	599.5	873.7	0.0	3757.6
LARVACEANS	0.0	0.0	0.0	0.0	19.6	0.0
SALPS	0.0	0.0	[illegible]	7863.5	[illegible]	[illegible]
SH	15.9	30.9	2.3	3901.7	21.9	2866.1
SHELLCS	271[illegible].2	4740.7	3597.2	1747.4	4117.6	211[illegible].6
LOBATES MICANS	0.0	790.1	0.0	0.0	235.3	1411.0
ANT STERS						
ASTIC	PRESENT	PRESENT		PRESENT		
RGASSUM	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
RGASSUM FAUNA	PRESENT				PRESENT	PRESENT
N	0.0	1.2	1.5	1.7	0.0	[illegible]
RRESTRIAL INSECTS						
OD						
SCELLANEOUS DEBRIS		PRESENT		PRESENT		
PEPOD EXOSKELETONS	RARE	ABUNDANT		RARE		
LLL FRAGMENTS				PRESENT		PRESENT
RING						
ATHERS						
A[illegible]ANS (PLANT SEEDS)						
TAL NO. PER 1,000 CUBIC METERS	963951.	345[illegible].	226025.	469194.	977[illegible].	167960.
NCENTRATION EQUAL TO 1 INDIVIDUAL	679.6	295.1	299.3	873.7	19.6	234.9
IGHT SIZE	1/256.	1/128.	1/128.	1/256.	1/[illegible].	1/128.
O. OF TAXA IDENTIFIED	20	17	27	30	31	47

SPRING 1976: TRANSECT 11: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	735.6	0.0	0.0	0.0	0.0
SIPHONOPHORES						
PHYSALIA						
PORPITA						
VELELLA						
SIPHONOPHORE PARTS			ABUNDANT	ABUNDANT	RARE	COMMON
MEDUSAE	0.0	0.0	324.3	0.0	0.0	0.0
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE	0.0	0.0	0.0	0.0	0.0	136.8
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	0.0	170.7	0.0
OTHER						
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS						
GASTROPOD MEROPLANKTERS	0.0	5[illegible]5.1	10[illegible].1	[illegible]51.7	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	0.0	[illegible].7	0.0
HETEROPODS						
ATLANTIDAE	0.0	0.0	0.0	11[illegible]5.4	0.0	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA	0.0	0.0	0.0	0.0	0.0	21.4
CAVOLINIA INFLEXA	0.0	0.0	756.8	0.0	170.7	0.0
CAVOLINIA LONGIROSTRIS	1755.4	367.8	0.0	2758.6	0.0	0.0
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	735.6	874.3	1103.4	0.0	0.0
CRESEIS VIRGULA	1755.4	13977.0	3351.4	22620.7	341.3	136.8
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	1755.4	367.8	108.1	17655.2	682.7	273.5
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	367.8	0.0	19462.8	0.0	0.0
OTHER	0.0	[illegible]	0.0	4.3	0.0	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	212104.3	51494.2	432.4	15448.3	512.0	5059.8
PARONIMIDS						
PARONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODS						
BRACHYURAN CRABS	0.0	0.0	0.0	4.3	0.0	0.0
PORTUNID CRABS						
CARIDEAN SHRIMP	0.0	735.6	0.0	0.0	0.0	136.8
LUCIFER FAXONI	147267.0	[illegible]	10[illegible]	10551.7	[illegible]	2671.[illegible]
LUCIFER TYPUS	0.0	0.0	0.0	0.0	0.0	547.0
LARVAE						
ANOMURAN CRAB LARVAE	0.0	367.8	0.0	551.7	0.0	0.0
BRACHYURAN MEGALOPS	0.0	[illegible]	0.0	[illegible]	170.7	5[illegible]
BRACHYURAN ZOEAS	0.0	15446.3	324.3	5510.7	0.0	410.3
MACRURAN LARVAE	0.0	367.8	0.0	0.0	0.0	0.0
SHRIMP LARVAE	[illegible]	[illegible]	0.0	[illegible]	0.0	[illegible]
STOMATOPOD ALIMA LARVAE	3.4	[illegible]	0.0	2758.6	0.0	697[illegible]
EUPHAUSIIDS	0.0	0.0	108.1	0.0	0.0	0.0
COMACEA						
MYSIDACEA	0.0	0.0	0.0	4413.6	0.0	21[illegible]
OSTRACODA	0.0	367.8	0.0	7724.1	0.0	0.0
CLADOCERA	0.0	0.0	0.0	551.7	0.0	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.						
CENTROPAGES FURCATUS MALE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CENTROPAGES FURCATUS FEMALE	212104.3	67310.3	9772[illegible].7	131662.1	3072.0	1094.0
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	0.0	551.7	0.0	136.8
NANNOCALANUS MINOR	[illegible]	[illegible]	[illegible]	[illegible]	0.0	[illegible]
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS	0.0	0.0	0.0	551.7	0.0	0.0
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEMORA TURBINATA						
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	5260.3	0.0	0.0	551.7	0.0	410.3
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	0.0	0.0	136.8
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANUPIA AMERICANA MALE						
CALANUPIA AMERICANA FEMALE	0.0	0.0	0.0	551.7	0.0	0.0
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	0.0	0.0	273.5
LABIDOCERA ACUTIFRONS FEMALE	0.0	0.0	0.0	0.0	0.0	273.5
LABIDOCERA AESTIVA MALE	2605.0	4140.0	164.1	1102.4	0.0	0.0
LABIDOCERA AESTIVA FEMALE	21041.1	367.0	750.8	2206.9	0.0	0.0
LABIDOCERA SCOTTI MALE	3506.0	367.0	0.0	1655.2	341.3	273.5
LABIDOCERA SCOTTI FEMALE	5260.5	735.0	324.3	551.7	512.0	410.3
LABIDOCERA IMMATURE	7013.7	0.0	216.2	1655.2	1194.7	1914.0
PONTELLA MEADII MALE	120986.3	735.0	1189.2	1655.2	0.0	0.0
PONTELLA MEADII FEMALE	4[illegible]	735.0	2[illegible]	2[illegible]	0.0	0.0
PONTELLA MIRACERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	170.7	273.5
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	405041.0	7350.3	1512.5	5517.2	853.3	410.3
PONTELLOPSIS VILLOSA MALE	0.0	0.0	0.0	551.7	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	367.5	0.0	0.0	0.0	136.8
PONTELLOPSIS IMMATURE						
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	0.0	0.0	547.0
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	29408.2	107402.3	20756.4	50279.9	2048.6	683.8
YCLOPOIDA	0.0	367.5	540.5	1103.4	102.4.0	410.3
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	170.7	273.5
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA SETALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	1655.2	512.0	1367.5
ARPACTICOIDA						
ALICOIDA						
OPEPOD NAUPLIUS						
INODERM LARVAE						
ETOGNATHS	14027.4	37735.6	11459.5	63137.9	7168.0	6427.5
ICATES						
OLIOLUS	0.0	0.0	216.2	1655.2	0.0	136.8
ARVACEANS	0.0	0.0	1405.4	1655.2	0.0	0.0
ALPS	2707.1	1103.4	2054.1	1[illegible]	21074.7	2418.5
H	2517.1	2310.1	0.0	1155.3	189.0	337.0
H EGGS	3506.0	13477.0	432.4	1103.4	6656.0	0.0
OBATES MICANS	0.0	0.0	108.1	551.7	0.0	273.5
NT ITEMS		PRESENT				
STIC	PRESENT					PRESENT
GASSUM	PRESENT		PRESENT	PRESENT	PRESENT	PRESENT
GASSUM FAUNA	PRESENT		PRESENT	PRESENT	PRESENT	PRESENT
	15.0	3.0	40.5	0.7	0.0	38.4
RESTRIAL INSECTS						
)	PRESENT		PRESENT			
CELLANEOUS DEBRIS	PRESENT				PRESENT	PRESENT
PEPOD EXOSKELETONS		COMMON				
L FRAGMENTS						
ING						
THERS			PRESENT			
BEANS (PLANT SEEDS)						
L NO. PER 1,000 CUBIC METERS	15[illegible]1740.	442059.	1[illegible]6641.	652365.	278714.	56191.
ENTRATION EQUAL TO 1 INDIVIDUAL	1753.4	367.8	108.1	551.7	170.7	136.8
MPLE SIZE	1/512.	1/128.	1/ 32.	1/128.	1/ 64.	1/ 32.
OF TAXA IDENTIFIED	24	36	30	47	25	39

SPRING 1976: TRANSECT III: STATIONS:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	527.9	759.6
SIPHONOPHORES	0.0	0.0	0.0	0.2.9	0.0	0.0
PHYSALIA						
PORPITA						
VELELLA						
SIPHONOPHORE PARTS		RARE	RARE		COMMON	RARE
MEDUSAE	0.0	711.1	0.0	0.0	0.0	759.6
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER						
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTONS	0.0	0.0	0.0	622.9	0.0	0.0
GASTROPOD MEROPLANKTONS	0.0	1422.2	0.0	0.0	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	711.1	589.9	0.0	0.0	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	40.6	0.0
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	0.0	0.0	622.9	0.0	0.0
CRESEIS VIRGULA	0.0	711.1	2654.4	3114.4	81.2	759.6
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	1422.2	0.0	622.9	162.4	6077.1
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES						
OTHER	0.0	0.0	0.0	622.9	40.6	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	0.0	37688.9	3244.2	17034.7	406.1	34629.7.6
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS	0.0	0.2	0.0	1250.6	0.0	0.0
PASTONID CRABS	0.0	0.0	0.0	2.4	0.0	759.6
CARIDEAN SHRIMP	0.0	0.0	0.0	10555.5	0.0	759.6
LUCIFER FAXONI	[illegible]	11144.4	1710[illegible]	1[illegible]	0.0	12913.9
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	719.1	11377.6	0.0	622.9	0.0	0.0
BRACHYURAN MEGALOPS	0.0	2844.4	0.0	4[illegible]9.7	162.4	10[illegible]5.0
BRACHYURAN ZOEAS	719.1	5686.7	4129.6	622.9	121.8	13673.6
PAGURAN LARVAE	0.0	711.1	0.0	0.0	0.0	0.0
SHRIMP LARVAE	719.1	2844.4	1769.6	2678.4	0.0	0.0
STOMATOPOD ALIMA LARVAE	4314.6	5686.9	559.1	2498.8	40.6	3036.6
EUPHAUSIIDS	0.0	0.0	0.0	0.0	40.6	1519.3
COPACEA						
MYSIDACEA	0.0	2133.3	0.0	1868.6	0.0	759.6
OSTRACODA	0.0	4977.8	294.9	17440.4	0.0	3796.2
CLADOCERA	0.0	0.0	0.0	0.0	81.2	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA SIPINNATA MALE						
CANDACIA SIPINNATA FEMALE						
CANDACIA SPP.	0.0	2133.3	0.0	0.0	0.0	0.0
CENTROPAGES FURCATUS MALE	0.0	9955.6	1[illegible]75.6	11211.7	324.6	1519.3
CENTROPAGES FURCATUS FEMALE	0.0	46933.3	39815.7	24292.0	3857.9	6077.1
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE						
RANDICELAMUS MIRCK	0.0	2133.3	0.0	1245.7	0.0	759.6
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS	0.0	0.0	0.0	622.9	0.0	0.0
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	5053.7	100977.8	134195.5	3114.4	2274.1	5517.5
TEMORA TURBINATA	719.1	9955.6	0.0	0.0	0.0	0.0
PARACANDACIA DISPINOSA MALE						
PARACANDACIA DISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	0.0	2491.5	0.0	0.0
UNDINULA VULGARIS FEMALE	0.0	0.0	294.9	0.0	0.0	759.6
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	2115.0	0.0	0.0	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	24155.0	0.0	0.0	0.0	0.0
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	6414.1	1033.5	0.0	0.0	0.0	0.0
LABIDOCERA AESTIVA FEMALE	4629.9	5985.0	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	377.0	1700.0	0.0	0.0	40.0	0.0
LABIDOCERA SCOTTI FEMALE	2157.3	5680.0	0.0	0.0	0.0	0.0
LABIDOCERA IMMATURE	*******	157.00	0.0	622.9	40.0	0.0
PONTELLA MEADII MALE	6471.9	0.0	0.0	1245.7	0.0	0.0
PONTELLA MEADII FEMALE	2670.4	0.0	0.0	0.0	0.0	0.0
PONTELLA MINUCERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	40.0	0.0
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	631.6	0.0	0.0	0.0	200.0	759.6
PONTELLOPSIS VILLOSA MALE	3540.0	2120.0	0.0	1245.7	440.7	1277.9
PONTELLOPSIS VILLOSA FEMALE	3695.5	1422.2	569.9	622.9	365.5	4557.9
PONTELLOPSIS IMMATURE	719.1	0.0	0.0	0.0	200.0	0.0
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	622.9	0.0	0.0
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	1438.2	15146.0	17100.0	35012.1	1009.1	4557.9
CYCLOPOIDA	0.0	2844.4	0.0	622.9	1900.5	2276.9
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	622.9	40.0	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NICROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	1179.7	622.9	121.8	0.0
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	7191.0	1848.9	10221.2	13571.8	1380.7	2810.0
TUNICATES						
DOLIOLIDS						
LARVACEANS						
SALPS	0.0	0.0	10064.4	7474.6	2917.0	0.0
FISH	1573.7	58.3	25.3	754.3	40.0	3190.2
FISH EGGS	12943.6	21681.9	0.0	0.0	2817.0	1519.3
HALOBATES MICANS	0.0	711.1	0.0	3737.2	0.0	0.0
PLANT STEMS				PRESENT		
PLASTIC		PRESENT				
SARGASSUM	PRESENT	PRESENT			PRESENT	PRESENT
SARGASSUM FAUNA	PRESENT				PRESENT	
TAR	1.2	0.0	0.0	0.0	0.0	0.0
TERRESTRIAL INSECTS	0.0	2.0	0.0	0.0	0.0	0.0
WOOD						
MISCELLANEOUS DEBRIS		PRESENT	PRESENT			
COPEPOD EXOSKELETONS		COMMON				
SHELL FRAGMENTS						PRESENT
STRING		PRESENT				
FEATHERS	PRESENT					
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1000 CUBIC METERS	1287220.	855124.	1247500.	410225.	10550.	404993.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	719.1	711.1	294.9	622.9	40.0	759.0
ALIQUOT SIZE	1/256.	1/256.	1/128.	1/256.	1/ 16.	1/256.
NO. OF TAXA IDENTIFIED	22	38	20	37	30	28

SPRING 1976: TRANSECT IV: STATIONS:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	412.9	0.0	96.5	0.0
SIPHONOPHORES						
PHYSALIA						
PORPITA	0.0	0.0	0.0	0.0	96.5	0.0
VELELLA						
SIPHONOPHORE PARTS		COMMON		RARE	RARE	RARE
MEDUSAE						
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	566.4	0.0	0.0
OTHER	2400.0	0.0	0.0	566.4	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	0.0	0.0	566.4	0.0	0.0
GASTROPOD MEROPLANKTERS	266.7	2108.0	0.0	2831.9	393.0	0.0
GLAUCUS						
JANTHINA SHELLS	0.0	0.0	0.0	0.0	196.9	0.0
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	1262.1	0.0	0.0	96.5	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	96.5	0.0
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CLEODORA ACICULA	0.0	854.1	0.0	0.0	0.0	0.0
CRESEIS VIRGULA	266.7	427.4	137.6	3398.2	393.0	0.0
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TRUNCATULA	0.0	11111.9	0.0	10194.7	2855.4	2005.2
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PELAGIOPSIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	4531.0	96.5	0.0
OTHER	0.0	1.7	0.0	0.0	0.0	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	533.3	72227.3	137.6	62690.3	196.9	83550.9
PHRONIMIDS						
PHRONIMA GUELLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS	0.0	427.4	0.0	0.0	0.0	0.0
PORTUNID CRABS	0.0	0.7	0.0	0.0	0.0	0.0
CARIDEAN SHRIMP	266.7	854.8	0.0	0.0	0.0	7352.5
LUCIFER FAXONI	16159.9	5975.0	344.1	1699.1	2950.5	15273.4
LUCIFER TYPUS	0.0	0.0	0.0	0.0	0.0	2005.2
LARVAE						
ANOMURAN CRAB LARVAE	0.0	2564.3	0.0	1132.7	0.0	658.4
BRACHYURAN MEGALOPS	0.0	2564.3	2.2	2831.9	393.0	401.4
BRACHYURAN ZOEAE	0.0	60687.0	275.3	11493.0	0.0	2673.0
MACRURAN LARVAE						
SHRIMP LARVAE	266.7	17122.5	68.8	566.4	0.0	0.0
STOMATOPOD ALIMA LARVAE	0.0	4701.2	206.5	1132.7	393.0	6015.7
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	2005.2
CUMACEA						
MYSIDACEA	0.0	427.4	0.0	566.4	0.0	668.4
OSTRACODA	266.7	19659.4	68.8	14159.3	0.0	6684.1
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE	0.0	0.0	0.0	0.0	0.0	668.4
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA SPINNATA MALE						
CANDACIA SPINNATA FEMALE						
CANDACIA SPP.	0.0	427.4	0.0	0.0	0.0	0.0
CENTROPAGES FURCATUS MALE	0.0	2564.3	1995.7	24920.3	491.3	4110.4
CENTROPAGES FURCATUS FEMALE	266.7	11139.2	2477.4	26619.5	393.0	10694.5
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	2005.2
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	0.0	0.0	0.0	1336.8
SCAPHOCALANUS MINOR	0.0	0.0	0.0	0.0	0.0	668.1
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
ISCHNOCALANUS STYLIFERA	4533.3	7137.3	6808.6	39079.0	1376.5	70660.6
ISCHNOCALANUS TURBINATA	0.0	427.4	0.0	0.0	0.0	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
CANDINELA VULCARIS MALE	0.0	0.0	0.0	0.0	0.0	2673.0
CANDINELA VULCARIS FEMALE	0.0	0.0	0.0	0.0	0.0	3342.0
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	427.4	0.0	0.0	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	8547.6	68.8	1132.7	0.0	0.0
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	[illegible]	[illegible]	0.0	1132.7	0.0	0.0
LABIDOCERA AESTIVA FEMALE	1333.3	4273.8	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	[illegible]	[illegible]	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI FEMALE	[illegible]	[illegible]	0.0	566.4	0.0	0.0
LABIDOCERA IMMATURE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0
PONTELLA MEADII MALE	0.0	0.0	68.8	0.0	98.5	0.0
PONTELLA MEADII FEMALE	0.0	0.0	[illegible]	0.0	0.0	0.0
PONTELLA MIMOCERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	98.5	0.0
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	266.7	0.0	1307.5	0.0	984.0	668.4
PONTELLOPSIS VILLOSA MALE	[illegible]	[illegible]	[illegible]	[illegible]	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	427.4	344.1	4531.0	0.0	0.0
PONTELLOPSIS IMMATURE	[illegible]	0.0	[illegible]	[illegible]	0.0	0.0
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	0.0	42310.5	137.6	[illegible]	[illegible]	[illegible]
CYCLOPOIDA	0.0	0.0	206.5	566.4	1280.0	668.4
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	98.5	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NICROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	68.8	566.4	0.0	0.0
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	1333.3	14958.3	344.1	23787.6	[illegible]	15373.4
TUNICATES						
DOLIOLIDS						
LARVACEANS	0.0	0.0	0.0	0.0	98.5	0.0
SALPS	0.0	[illegible]	[illegible]	0.0	[illegible]	[illegible]
FISH	10.4	873.1	279.6	11.1	98.5	835.5
FISH EGGS	[illegible]	[illegible]	206.5	[illegible]	[illegible]	[illegible]
HALOBATES MICANS	[illegible]	0.0	137.6	566.4	787.7	0.0
PLANT STEMS						
PLASTIC	PRESENT					
SARGASSUM	PRESENT					PRESENT
SARGASSUM FAUNA						
TAR						
TERRESTRIAL INSECTS						
WOOD						
MISCELLANEOUS DEBRIS			PRESENT			
COPEPOD EXOSKELETONS			ABUNDANT			
SHELL FRAGMENTS				PRESENT		
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	176010.	488947.	23473.	301320.	[illegible]	265524.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	266.7	427.4	68.8	566.4	98.5	668.4
ALIQUOT SIZE	1/128.	1/256.	1/32.	1/256.	1/32.	1/256.
NO. OF TAXA IDENTIFIED	21	38	29	34	30	29

JULY 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA						
SIPHONOPHORES						
PHYSALIA						
PORPITA	0.0	0.0	0.0	0.0	0.0	0.0
VELELLA						
SIPHONOPHORE PARTS	RARE	RARE	RARE	COMMON	COMMON	COMMON
MEDUSAE	0.0	0.0	0.0	0.0	0.0	79.2
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	354.6	0.0	0.0
OTHER	1032.3	49.2	0.0	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS						
GASTROPOD MEROPLANKTERS	172.0	246.2	0.0	0.0	0.0	39.6
GLAUCUS						
JANTHINA SHELLS	0.0	0.0	0.0	0.0	0.0	0.0
JANTHINA BUBBLE RAFTS	0.0	0.0	0.0	0.0	0.0	0.0
HETEROPODS						
ATLANTIDAE	172.0	0.0	70.3	709.1	10.5	0.0
PTEROTRACHEIDAE	0.0	0.0	0.0	0.0	10.5	0.0
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	709.1	20.9	39.6
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	147.7	0.0	354.6	0.0	0.0
CRESEIS VIRGULA	172.0	49.2	35.2	709.1	31.4	0.0
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	49.2	0.0	1772.9	10.5	0.0
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	354.6	0.0	0.0
OTHER	0.0	0.1	0.0	0.0	0.0	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	0.0	2018.5	0.0	7091.4	20.9	277.2
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS	0.0	0.1	0.0	0.0	10.5	0.0
PORTUNID CRABS	0.0	0.0	0.0	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	49.2	0.0	709.1	0.0	0.0
LUCIFER FERAGUI	2709.9	2112.5	35.2	4964.0	0.0	158.4
LUCIFER TYPUS	0.0	0.0	0.0	1063.7	0.0	39.6
LARVAE						
ANOMURAN CRAB LARVAL	172.0	295.4	0.0	0.0	0.0	0.0
BRACHYURAN MEGALOPS	0.0	2095.4	105.5	17764.5	10.5	7[illegible]
BRACHYURAN ZOEAS	172.0	3547.7	738.5	2127.4	0.0	1108.9
MACRURAN LARVAE						
SHRIMP LARVAE	3260.8	1229.2	0.0	3545.7	10.5	79.2
STOMATOPOD ALIMA LARVAE	0.0	196.9	0.0	354.6	0.0	557.9
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	158.4
CUMACEA						
MYSIDACEA	0.0	0.0	0.0	0.0	0.0	[illegible]
OSTRACODA	0.0	49.2	0.0	0.0	0.0	79.2
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.						
CENTROPAGES FURCATUS MALE	344.1	1526.9	35.2	709.1	0.0	0.0
CENTROPAGES FURCATUS FEMALE	344.1	1526.2	1265.9	1063.7	0.0	0.0
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE						
RHINCALANUS NASUTUS	0.0	49.2	0.0	2482.0	0.0	2370.3
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
ARIOCALANUS TENUIUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	1204.3	1772.3	4219.8	13262.5	73.3	277.2
TEMORA LONGIMANA						
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE	0.0	0.0	0.0	0.0	0.0	39.6
UNDINULA VULGARIS MALE						
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	0.0	83.8	118.8
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE						
CALANOPIA AMERICANA FEMALE	0.0	246.2	0.0	0.0	0.0	0.0
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	0.0	0.0	39.6
LABIDOCERA ACUTIFRONS FEMALE	0.0	0.0	0.0	0.0	0.0	39.6
LABIDOCERA AESTIVA MALE	197[illegible]4.9	1[illegible]8.0	70.3	17[illegible]6.6	0.0	0.0
LABIDOCERA AESTIVA FEMALE	1125[illegible].8	196.9	0.0	1772.9	0.0	0.0
LABIDOCERA SCOTTI MALE	2[illegible]9[illegible].0	246.2	2[illegible]	2[illegible]2[illegible].2	0.0	0.0
LABIDOCERA SCOTTI FEMALE	3208[illegible].0	7018.5	185.5	1[illegible]79[illegible].2	0.0	0.0
LABIDOCERA IMMATURE	24[illegible].1	4[illegible]6.2	964.0	7[illegible]2[illegible].0	10.5	0.0
PONTELLA MEADII MALE	0.0	98.5	0.0	0.0	0.0	0.0
PONTELLA MEADII FEMALE	344.1	0.0	0.0	0.0	0.0	0.0
PONTELLA MIMOCESAMI	0.0	0.0	39.2	0.0	0.0	0.0
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	10.5	0.0
PONTELLA SECURIFER FEMALE	0.0	0.0	0.0	0.0	0.0	39.6
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	3096.8	246.2	422.0	354.6	261.5	79.2
PONTELLOPSIS VILLOSA MALE	1549.4	49.2	35.2	0.0	0.0	0.0
PONTELLOPSIS VILLOSA FEMALE	172.6	0.0	70.3	709.1	0.0	0.0
PONTELLOPSIS IMMATURE	516.1	0.0	281.3	709.1	31.4	0.0
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	1924.7	1[illegible]70.6	457.1	177[illegible]	24[illegible]	11[illegible]
CYCLOPOIDA	344.1	0.0	1547.3	0.0	31.4	79.2
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE						
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGRIMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	10.5	39.6
HARPACTICOIDA	0.0	0.0	0.0	354.6	20.9	0.0
CALICOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	[illegible]40.9	1[illegible]0.0	12[illegible].3	7[illegible]0.6	272.3	3[illegible]7.9
TUNICATES						
DOLIOLIDS	0.0	0.0	0.0	354.6	10.5	0.0
LARVACEANS	0.0	0.0	1652.7	354.6	136.1	0.0
SALPS	0.0	0.0	35.2	0.0	10.5	0.0
FISH	276.9	95.4	[illegible].8	5010.6	10.5	[illegible]1.7
FISH EGGS	1548.4	[illegible]04.6	1371.4	3191.1	262[illegible].3	316.6
HALOBATES MICANS	516.1	0.0	35.2	709.1	0.0	39.6
PLANT STEMS						
PLASTIC						
SARGASSUM	PRESENT		PRESENT	PRESENT		PRESENT
SARGASSUM FAUNA			PRESENT	PRESENT		PRESENT
TAR	0.0	0.0	[illegible]	0.0	[illegible]	1.2
TERRESTRIAL INSECTS	0.0	0.0	4.4	2.3	0.0	2.5
WOOD						
MISCELLANEOUS DEBRIS						
COPEPOD EXOSKELETONS	RARE	COMMON				
SHELL FRAGMENTS						
STRING						PRESENT
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	[illegible]62357.	32840.	14998.	152886.	3979.	16767.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	172.0	49.2	35.2	354.6	10.5	39.6
ALIQUOT SIZE	1/ 64.	1/ 16.	1/ 16.	1/128.	1/ 4.	1/ 16.
NO. OF TAXA IDENTIFIED	29	34	28	38	26	32

SPEEDREAD 3 WITH EYE THREAD 3 PATENT PENDING

AUGUST 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	304.0	0.0	0.0	401.1	901.4
SIPHONOPHORES						
PHYSALIA	2.5	2.4	0.0	5.7	0.0	0.0
PORPITA						
VELELLA						
SIPHONOPHORE PARTS		ABUNDANT	ABUNDANT	ABUNDANT	ABUNDANT	ABUNDANT
MEDUSAE	0.0	152.0	0.0	91.2	44.6	2.8
CTENOPHORES						
NEMATODES	0.0	0.0	0.0	0.0	0.0	180.3
POLYCHAETES						
ALCIOPIDAE	0.0	0.0	0.0	91.2	0.0	0.0
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER	1217.0	0.0	0.0	0.0	356.5	360.0
UNIDENTIFIED WORM	0.0	0.0	0.0	0.0	178.3	0.0
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	152.0	0.0	182.4	0.0	0.0
GASTEROPOD MEROPLANKTERS	7851.5	1970.4	0.0	182.4	0.0	180.3
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	912.1	0.0	273.5	44.6	0.0
PTEROTRACHEIDAE	0.0	0.0	0.0	0.0	0.0	0.0
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	91.2	222.8	150.3
CAVOLINIA LONGIRUSTRIS	0.0	0.0	0.0	0.0	0.0	180.3
CAVOLINIA UNCINATA						
CRESEIS ACICULA	11405.9	1064.1	151.7	1367.5	267.4	540.9
CRESEIS VIRGULA	316.8	0.0	303.3	273.5	356.5	1102.8
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	6592.9	0.0	9208.0	490.3	2704.2
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PELAGIOPSIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	0.0	0.0	180.3
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	0.0	31163.9	151.7	26256.4	89.1	30647.9
PHRONIMIDS						
PERONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS	2.5	304.0	0.0	0.0	0.0	0.0
PORTUNID CRABS	0.0	0.0	75.8	0.0	0.0	0.0
CARIDEAN SHRIMP	0.0	152.0	75.8	0.0	0.0	1602.6
LUCIFER FAXONI	[illegible]	4100.0	1701.0	1039.2	757.7	4220.0
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE						
BRACHYURAN MEGALOPS	3103.3	15154.4	151.7	1002.0	0.0	15120.6
BRACHYURAN ZOEAS	4435.0	16114.0	1819.5	7304.0	178.3	41406.5
MACRURAN LARVAE	0.0	608.1	0.0	91.2	0.0	0.0
SHRIMP LARVAE	[illegible]	5770.7	0.0	3279.2	44.6	2884.8
STOMATOPOD ALIMA LARVAE	0.0	152.0	151.7	0.0	0.0	180.3
EUPHAUSIIDS						
CUMACEA						
MYSIDACEA	0.0	304.0	0.0	364.7	0.0	901.4
OSTRACODA	0.0	0.0	151.7	729.3	0.0	5408.4
CLADOCERA	633.7	608.1	151.7	91.2	356.5	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA SIPINNATA MALE						
CANDACIA SIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	0.0	0.0	360.6
CENTROPAGES FURCATUS MALE	316.8	1672.0	75.8	820.5	89.1	1[illegible]
CENTROPAGES FURCATUS FEMALE	6336.0	6840.9	303.3	3373.2	757.7	1442.5
LUCICEATA MARINA MALE						
LUCICEATA MARINA FEMALE						
LUCICEATA SPP.	0.0	0.0	75.8	0.0	0.0	0.0
LUCICEATA SPP. IMMATURE						
NANNOCALANUS MINOR	0.0	0.0	0.0	1[illegible]	13[illegible].7	540.[illegible]
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	1267.3	1,10[illegible]	75[illegible]	528.2	320[illegible].9	2[illegible]
TEMORA TURBINATA	0.0	0.0	0.0	364.7	178.3	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	0.0	91.2	0.0	3425.4
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	0.0	89.1	8293.0
LUCALANUS ATTENUATUS MALE						
LUCALANUS ATTENUATUS FEMALE						
LUCALANUS SPP. MALE						
LUCALANUS SPP. FEMALE						

PONTELLIDS						
ANOMALOCERA ERNATA MALE						
ANOMALOCERA ERNATA FEMALE						
ANOMALOCERA ERNATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	1760.3	0.0	1529.1	89.1	360.3
CALANOPIA AMERICANA FEMALE	0.0	4712.6	0.0	10575.5	449.7	360.6
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	0.0	0.0	0.0
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE						
LABIDOCERA AESTIVA FEMALE	316.8	0.0	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	0.0	304.6	0.0	273.5	44.6	0.0
LABIDOCERA SCOTTI FEMALE	0.0	456.1	0.0	273.5	0.0	0.0
LABIDOCERA IMMATURE	0.0	152.0	227.5	364.7	44.6	180.3
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE						
PONTELLA MINOLLERAMI	316.8	456.1	151.7	91.2	0.0	0.0
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	1267.3	456.1	758.3	273.5	178.3	0.0
PONTELLOPSIS VILLOSA MALE	1901.0	1216.1	2957.2	1549.9	222.6	1081.7
PONTELLOPSIS VILLOSA FEMALE	316.8	4560.0	530.5	1458.7	133.7	540.0
PONTELLOPSIS IMMATURE	316.8	2432.0	455.0	728.5	89.1	1081.7
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	4118.6	15154.4	455.0	9481.5	7128.3	11358.0
CYCLOPOIDA	316.8	152.0	151.7	273.5	2317.5	721.1
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	356.5	721.1
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGRUMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	182.3	178.3	180.3
HARPACTICOIDA	0.0	0.0	0.0	182.3	0.0	0.0
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	0.0	4864.0	1440.8	2552.7	2716.7	6309.9
TUNICATES						
DOLIOLIDS	316.8	304.0	0.0	273.5	89.1	901.4
LARVACEANS	0.0	2432.3	75.8	911.7	757.7	1081.7
SALPS	0.0	0.0	1213.3	911.7	1782.7	540.0
FISH	2.5	4422.3	1516.4	740.7	133.7	5591.5
FISH EGGS	0.0	11149.4	3412.3	4649.6	757.7	0.0
HALOBATES MICANS	0.0	1976.2	758.3	273.5	44.6	1081.7
PLANT STEMS		PRESENT		PRESENT		
PLASTIC			PRESENT			
SARGASSUM	PRESENT		PRESENT	PRESENT		PRESENT
SARGASSUM FAUNA						
TAR	0.0	0.0	0.0	0.0	0.0	0.0
TERRESTRIAL INSECTS	0.0	0.0	0.0	0.0	89.1	0.0
WOOD		PRESENT	PRESENT	PRESENT		
MISCELLANEOUS DEBRIS				PRESENT		
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	250027.	169517.	33521.	164954.	25894.	120744.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	316.8	152.0	75.8	91.2	44.6	180.3
ALIQUOT SIZE	1/128.	1/ 64.	1/ 32.	1/ 32.	1/ 16.	1/ 64.
NO. OF TAXA IDENTIFIED	23	41	30	48	43	45

FALL 1976 SEASONAL: TRANSECT I: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	0.0	83.8
SIPHONOPHORES	81.4	323.2	172.5	0.0	0.0	41.9
PHYSALIA	0.0	0.0	0.0	0.0	1.7	2.6
PORPITA	0.0	0.0	0.0	0.0	0.0	41.9
VELELLA						
SIPHONOPHORE PARTS				COMMON		
MEDUSAE	895.7	323.2	0.0	0.0	0.0	0.0
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE						
OTHER						
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS						
GASTEROPOD MEROPLANKTERS	0.0	969.7	0.0	3420.9	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	0.0	0.0	285.1	55.2	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	81.4	0.0	0.0	0.0	0.0	125.7
CAVOLINIA LONGIROSTRIS	0.0	0.0	172.5	285.1	0.0	0.0
CAVOLINIA UNCINATA						
CRESEIS ACICULA	325.7	323.2	172.5	570.2	110.3	0.0
CRESEIS VIRGULA	0.0	0.0	0.0	0.0	3255.2	83.8
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	969.7	0.0	9977.7	110.3	753.9
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PSEUDOCLIS SPP.						
GYMNOSOMES	81.4	0.0	0.0	0.0	496.6	125.7
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	2761.3	27474.7	21677.1	45374.1	55.2	83.8
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS						
CARIDEAN SHRIMP						
LUCIFER FAXONI	9463.6	2909.1	2932.6	8559.3	6013.8	460.7
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE	81.4	0.0	0.0	570.2	0.0	0.0
BRACHYURAN MEGALOPS	0.0	15191.9	259.8	1721.6	275.9	125.7
BRACHYURAN ZOEAS	1384.2	1939.4	3191.4	2850.8	0.0	2555.0
MACRURAN LARVAE	407.1	2262.6	0.0	3420.9	55.2	251.3
SHRIMP LARVAE	0.0	0.0	0.0	0.0	1.7	0.0
STOMATOPOD ALIMA LARVAE	0.0	0.0	0.0	0.0	0.0	83.8
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	837.7
CUMACEA						
MYSIDACEA						
OSTRACODA	0.0	646.5	0.0	2280.6	0.0	335.1
CLADOCERA	0.0	0.0	0.0	855.2	0.0	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE	0.0	0.0	172.5	0.0	0.0	0.0
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	285.1	0.0	67.0
CENTROPAGES FURCATUS MALE	244.3	13575.9	86.3	2565.7	0.0	0.0
CENTROPAGES FURCATUS FEMALE	4351.1	26161.9	2242.8	15109.1	55.2	251.3
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	41.9
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE	0.0	0.0	0.0	0.0	0.0	41.9
NANNOCALANUS MINOR	0.0	0.0	86.3	285.1	0.0	1382.2
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	1058.5	969.7	1638.5	3345.3	110.3	293.2
TEMORA TURBINATA	3265.8	12282.3	172.5	13396.7	55.2	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE	0.0	0.0	0.0	0.0	0.0	41.9
UNDINULA VULGARIS MALE	0.0	0.0	0.0	0.0	0.0	41.9
UNDINULA VULGARIS FEMALE	0.0	0.0	172.5	0.0	55.2	628.3
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

FALL 1976 SEASONAL: TRANSECT I: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS						
ANOMALOCERA DENATA MALE						
ANOMALOCERA DENATA FEMALE						
ANOMALOCERA DENATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	4325.3	0.0	7092.2	0.0	41.9
CALANOPIA AMERICANA FEMALE	0.0	10020.2	0.0	21035.8	0.0	0.0
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	285.1	0.0	0.0
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	1547.1	1292.9	0.0	0.0	0.0	0.0
LABIDOCERA AESTIVA FEMALE	977.1	646.3	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	11236.6	5494.9	690.0	285.1	55.2	41.9
LABIDOCERA SCOTTI FEMALE	1709.9	4303.0	517.5	1140.3	0.0	41.9
LABIDOCERA IMMATURE	1465.6	345.7	86.3	285.1	110.3	6449.2
PONTELLA MEADII MALE	0.0	360.7	0.0	0.0	0.0	0.0
PONTELLA MEADII FEMALE	0.0	969.7	86.3	0.0	0.0	0.0
PONTELLA MINOCCHAMI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE	0.0	323.2	0.0	0.0	55.2	0.0
PONTELLA ATLANTICA MALE						
PONTELLA SP. NOV MALE						
PONTELLA SP. NOV FEMALE						
PONTELLA IMMATURE	0.0	0.0	0.0	570.2	55.2	0.0
PONTELLOPSIS VILLOSA MALE	3466.1	1323.3	276.1	2280.6	220.7	251.3
PONTELLOPSIS VILLOSA FEMALE	1791.3	14222.2	3105.1	8247.3	55.2	147.5
PONTELLOPSIS IMMATURE	895.7	6787.9	5006.5	2850.8	165.5	125.7
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	0.0	0.0	963.4
PONTELLINA PLUMATA FEMALE	0.0	0.0	0.0	0.0	0.0	83.8
PONTELLINA IMMATURE	0.0	0.0	86.3	0.0	0.0	209.4
IMMATURE & UNIDENTIFIED CALANOID	688.5	58828.3	8003.5	45547.9	220.7	293.2
CYCLOPOIDA	244.3	0.0	690.0	370.2	937.9	167.5
CORILIA MIRABILIS MALE	0.0	323.2	0.0	0.0	0.0	0.0
CORILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	0.0	41.9
CORILIA QUADRATA MALE						
CORILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA	0.0	0.0	0.0	1995.5	0.0	0.0
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	546.5	0.0	0.0	55.2	41.9
HARPACTICOIDA	0.0	0.0	0.0	0.0	0.0	41.9
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE	0.0	323.2	0.0	285.1	0.0	0.0
CHAETOGNATHS	1872.5	24242.4	1911.3	12326.5	331.0	377.0
TUNICATES						
OCTOLICIS	91.4	969.7	0.0	1710.6	0.0	0.0
LARVACEANS	182.9	959.7	1121.3	1140.3	0.0	0.0
SALPS	91.4	0.0	862.5	0.0	165.5	0.0
FISH	0.0	373.3	0.0	1766.1	1.7	15.3
FISH EGGS	470.0	969.7	4057.5	285.1	110.3	41.9
HALOBATES MICANS	0.0	0.0	0.0	0.0	0.0	209.4
PLANT STEMS						
PLASTIC						PRESENT
SARGASSUM					PRESENT	PRESENT
SARGASSUM FAUNA					PRESENT	PRESENT
TAR	0.0	1.1	0.0	0.0	0.3	15.3
TERRESTRIAL INSECTS	651.4	323.2	258.8	570.2	1503.4	1014.4
WOOD						
MISCELLANEOUS DEBRIS						
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	66473.	257626.	55288.	291395.	14750.	17632.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	91.4	323.2	86.3	285.1	55.2	41.9
ALIQUOT SIZE	1/ 32.	1/128.	1/ 32.	1/128.	1/ 32.	1/ 32.
NO. OF TAXA	30	38	29	40	30	45

FALL 1976 SEASONAL: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	177.8	0.0	148.5	159.2	558.1
SIPHONOPHORES	166.6	0.0	0.0	297.0	0.0	74.4
PHYSALIA	0.0	0.0	0.0	0.0	0.0	0.0
PORPITA						
VELLELA						
SIPHONOPHORE PARTS		COMMON	ABUNDANT		RARE	
MEDUSAE	0.0	0.0	39.3	0.0	0.0	0.0
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	117.9	0.0	0.0	0.0
OTHER	0.0	177.8	78.6	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	88.9	0.0	0.0	0.0	0.0
GASTEROPOD MEROPLANKTERS	166.6	2222.2	0.0	445.5	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	177.8	78.6	0.0	1114.4	186.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	148.5	159.2	37.2
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESSIS ACICULA	0.0	88.9	0.0	0.0	0.0	223.3
CRESEIS VIRGULA	0.0	0.0	0.0	0.0	477.5	0.0
CREOSIA QUADRIDENTATA						
LIMACINA BULIMOIDES	0.0	0.0	0.0	0.0	0.0	37.2
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	37.2
LIMACINA TROCHIFORMIS	0.0	0.0	275.2	297.0	159.2	1079.1
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PARACLIS SPP.						
GYMNOSOMES	0.0	88.9	78.6	1484.9	0.0	111.6
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	3731.8	3911.1	196.6	38152.4	636.8	334.9
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII	0.0	88.9	0.0	0.0	0.0	0.0
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	0.0	0.0	12.3	0.0	0.0
CARIDEAN SHRIMP	166.6	0.0	0.0	0.0	0.0	0.0
LUCIFER FOXONI	7450.1	177.8	471.7	1930.4	23771.1	1562.8
LUCIFER TYPUS	0.0	0.0	0.0	0.0	318.4	37.2
LARVAE	0.0	0.0	0.0	2375.9	0.0	0.0
ANOMURAN CRAB LARVAE						
BRACHYURAN MEGALOPS	0.0	2176.1	157.2	769.0	1490.5	448.8
BRACHYURAN ZOEAS	166.6	888.9	78.6	297.0	159.2	148.8
MACRURAN LARVAE						
SHRIMP LARVAE	2050.3	1333.3	0.0	0.0	1277.4	483.7
STOMATOPOD ALIMA LARVAE	0.0	88.9	0.0	0.0	943.3	0.0
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	37.2
CUMACEA	0.0	0.0	0.0	0.0	0.0	148.8
MYSIDACEA	0.0	0.0	0.0	148.5	0.0	148.8
OSTRACODA	0.0	0.0	0.0	1386.9	0.0	820.9
CLADOCERA	0.0	177.8	0.0	0.0	0.0	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	0.0	159.2	0.0
CENTROPAGES FURCATUS MALE	1113.6	3288.9	39.3	148.5	159.2	0.0
CENTROPAGES FURCATUS FEMALE	7050.4	10444.4	177.2	445.5	955.2	149.9
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE						
NANNOCALANUS MINOR	0.0	0.0	0.0	594.0	0.0	223.3
PLEUROMAMMA BISCKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + BISCKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	746.4	177.8	196.6	1336.4	159.2	0.0
TEMORA TURBINATA	373.2	1422.2	0.0	297.0	0.0	74.4
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE	0.0	0.0	0.0	0.0	0.0	37.2
UNDINULA VULGARIS MALE	166.6	0.0	39.3	0.0	0.0	0.0
UNDINULA VULGARIS FEMALE	0.0	0.0	78.6	0.0	0.0	37.2
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

FALL 1976 SEASONAL: TRANSECT II: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS	0.0	0.0	39.3	0.0	0.0	37.2
ANOMALOCERA DENATA MALE						
ANOMALOCERA DENATA FEMALE						
ANOMALOCERA DENATA IMMATURE						
CALANOIDA AMERICANA MALE	0.0	0.0	39.3	891.0	0.0	0.0
CALANOIDA AMERICANA FEMALE	164.4	522.0	39.3	2227.4	159.2	37.2
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	39.3	0.0	0.0	74.4
LABIDOCERA ACUTIFRONS FEMALE	0.0	0.0	0.0	0.0	159.2	37.2
LABIDOCERA AESTIVA MALE	7595.2	177.6	79.3	148.5	0.0	0.0
LABIDOCERA AESTIVA FEMALE	5037.6	177.6	79.3	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	1492.7	0.0	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI FEMALE	532.9	0.0	0.0	0.0	0.0	0.0
LABIDOCERA IMMATURE	746.4	355.2	1493.9	1187.9	159.2	1637.2
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE	0.0	88.9	0.0	0.0	0.0	0.0
PONTELLA MINOCCIANI	186.6	88.9	511.1	148.5	0.0	0.0
PONTELLA SECURIFER MALE	186.6	0.0	0.0	148.5	0.0	0.0
PONTELLA SECURIFER FEMALE	0.0	0.0	39.3	0.0	0.0	0.0
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. MALE						
PONTELLA SP. FEMALE						
PONTELLA IMMATURE	1865.9	86.9	393.1	297.0	0.0	37.2
PONTELLOPSIS VILLOSA MALE	11005.7	522.0	1924.3	2821.3	636.8	297.7
PONTELLOPSIS VILLOSA FEMALE	1865.9	1165.6	393.1	2821.3	159.2	409.3
PONTELLOPSIS IMMATURE	4291.5	474.0	744.5	1930.4	318.4	409.3
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	0.0	318.4	0.0
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	26495.6	22377.8	2594.6	8612.5	316.4	446.5
CYCLOPOIDA	559.8	88.9	1611.8	297.0	1273.6	297.7
COPILIA MIRABILIS MALE	0.0	0.0	0.0	148.5	0.0	74.4
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	148.5	636.8	186.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE	0.0	0.0	0.0	0.0	0.0	37.2
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA	0.0	88.9	0.0	0.0	0.0	37.2
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	0.0	111.6
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE	0.0	0.0	0.0	0.0	159.2	0.0
CHAETOGNATHS	11005.7	7111.1	1022.1	11730.9	477.6	595.3
TUNICATES						
COLONIES	373.2	355.6	75.6	297.0	0.0	111.6
LARVACEANS	0.0	0.0	39.3	0.0	0.0	0.0
SALPS	0.0	0.0	1966.5	1.6.5	318.4	74.4
FISH	192.4	200.0	130.2	1218.1	62.2	20.0
FISH EGGS	550.8	377.5	275.2	0.0	159.2	240.5
HALOBATES MICANS	0.0	0.0	550.4	148.5	0.0	74.4
PLANT STEMS						
PLASTIC			PRESENT			
SARGASSUM	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
SARGASSUM FAUNA		PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
TAR	7.7	1.0	4.2	3.1	1.1	4.4
TERRESTRIAL INSECTS	5.8	91.7	366.1	457.1	320.9	148.8
WOOD	PRESENT	PRESENT			PRESENT	
MISCELLANEOUS DEBRIS					PRESENT	PRESENT
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	58239.	62672.	16462.	36640.	57052.	12191.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	186.6	88.9	39.3	148.5	159.2	37.2
ALIQUOT SIZE	1/ 64.	1/ 32.	1/ 16.	1/ 64.	1/ 64.	1/ 16.
NO. OF TAXA	31	38	40	39	33	47

FALL 1976 SEASONAL: TRANSECT III: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	42.5	325.7
SIPHONOPHORES	0.0	0.0	110.3	0.0	14.2	0.0
PHYSALIA	0.0	0.0	0.0	0.0	0.0	7.0
PORPITA						
VELLELA						
SIPHONOPHORE PARTS	PART	PART		PART		COMMON
MEDUSAE	0.0	0.0	0.0	205.8	0.0	0.0
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	205.8	0.0	0.0
OTHER	0.0	177.3	0.0	617.4	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTONS	77.5	522.2	110.3	411.6	0.0	0.0
GASTROPOD MEROPLANKTONS	77.5	2448.4	0.0	617.4	14.2	2031.3
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	48.4	622.2	110.3	823.2	0.0	651.4
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA						
CAVOLINIA LONGIROSTRIS	0.0	44.3	0.0	0.0	0.0	1302.8
CAVOLINIA UNCINATA						
CRESEIS ACICULA	348.7	17066.7	0.0	617.4	0.0	0.0
CRESEIS VIRGULA	0.0	266.7	0.0	0.0	0.0	0.0
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	0.0	110.3	1440.5	14.2	4155.3
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PEDACLIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	1234.7	0.0	0.0
OTHER	0.0	0.0	0.0	205.8	14.2	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	170.7	6058.9	331.0	115035.3	437.2	56064.1
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.7	0.0	0.0	205.8	0.0	0.0
CARIDEAN SHRIMP	155.0	266.7	110.3	1028.9	14.2	977.1
LUCIFER FAXONI	280.6	1964.7	704.1	4938.5	14.2	651.4
LUCIFER TYPUS						
LARVAE	0.0	325.3	0.0	0.0	0.0	977.1
ANOMURAN CRAB LARVAE	0.7	177.3	0.0	0.0	0.0	0.0
BRACHYURAN MEGALOPS	29.1	800.0	2431.0	13785.3	155.5	19867.7
BRACHYURAN ZOEAS	87.2	1066.7	0.0	1440.5	70.8	4559.8
MACRURAN LARVAE						
SHRIMP LARVAE	174.3	3245.9	772.4	5350.5	25.3	1549.8
STOMATOPOD ALIMA LARVAE	0.0	0.0	0.0	205.8	0.0	0.0
EUPHAUSIIDS						
CUMACEA	0.7	58.5	0.0	0.0	0.0	0.0
MYSIDACEA	0.7	800.0	0.0	1852.1	0.0	2605.6
OSTRACODS	0.0	0.0	0.0	12956.6	85.0	4234.1
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE	0.0	0.0	0.0	0.0	14.2	325.7
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.						
CENTROPAGES FURCATUS MALE	10.5	1511.1	0.0	1646.3	0.0	0.0
CENTROPAGES FURCATUS FEMALE	105.5	3411.1	331.0	4527.2	0.0	325.7
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE						
NANNOCALANUS MINOR	0.0	0.0	0.0	0.0	0.0	2605.6
PLEUROMAMMA ETSCHRICHTI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS	0.0	0.0	0.0	205.8	0.0	0.0
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	227.8	355.6	3200.0	411.6	623.0	1302.8
TEMORA TURBINATA	19.4	2044.4	720.7	823.2	0.0	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	0.0	205.8	0.0	325.7
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	205.8	29.3	977.1
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

FALL 1976 SEASONAL: TRANSECT III: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS	9.7	0.0	0.0	0.0	0.0	0.0
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	88.9	0.0	411.6	28.3	651.4
CALANOPIA AMERICANA FEMALE	19.4	177.8	0.0	2881.0	28.3	1302.8
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	0.0	0.0	651.4
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	29.1	177.8	0.0	0.0	0.0	0.0
LABIDOCERA AESTIVA FEMALE	56.9	44.9	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI MALE	799.2	2044.4	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI FEMALE	194.0	1777.4	110.3	0.0	0.0	0.0
LABIDOCERA IMMATURE	116.2	88.9	882.8	411.6	14.2	4234.1
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE						
PONTELLA VINCENTANI	397.1	0.0	110.3	0.0	70.8	651.4
PONTELLA SECURIFER MALE	9.7	0.0	0.0	0.0	0.0	0.0
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE	9.7	0.0	110.3	0.0	0.0	0.0
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. WEM MALE						
PONTELLA SP. WEM FEMALE						
PONTELLA IMMATURE	416.5	0.0	882.8	411.6	70.8	0.0
PONTELLOPSIS VILLOSA MALE	707.0	88.9	1396.2	3432.4	778.8	1302.8
PONTELLOPSIS VILLOSA FEMALE	280.9	0.0	441.4	3292.6	284.9	3257.0
PONTELLOPSIS IMMATURE	309.9	0.0	2206.9	5556.3	99.1	2279.9
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	116.2	3366.7	2096.6	3848.9	42.5	2931.3
CYCLOPOIDA	48.4	0.0	331.0	1028.9	198.2	977.1
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	331.0	0.0	14.2	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	0.0	0.0	205.8	0.0	0.0
HARPACTICOIDA						
CALIGOIDA						
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	426.1	3111.1	4634.3	16109.3	566.4	4550.8
TUNICATES						
DOLIOLIDS	0.0	1422.2	0.0	617.4	0.0	325.7
LARVACEANS	0.0	88.9	0.0	0.0	14.2	651.4
SALPS	0.0	977.3	2206.5	823.2	14.2	0.0
FISH	29.0	652.8	0.0	234.7	0.0	1974.6
FISH EGGS	603.9	2222.2	331.0	205.8	396.3	0.0
MALCEATES MICANS	309.9	0.0	441.4	1234.7	169.9	1302.8
PLANT STEMS						
PLASTIC			PRESENT			
SARGASSUM	PRESENT		PRESENT			
SARGASSUM FAUNA	PRESENT		PRESENT			
TAR	9.2	0.0	36.9	0.0	0.0	0.0
TERRESTRIAL INSECTS	2603.9	177.8	2589.7	2974.6	392.9	1849.9
WOOD						
MISCELLANEOUS DEBRIS				PRESENT		
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	9821.	33944.	34483.	220838.	4924.	138671.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	9.7	88.9	110.3	205.8	14.2	325.7
ALIQUOT SIZE	1/ 4.	1/ 32.	1/ 32.	1/ 64.	1/ 8.	1/128.
NO. OF TAXA	40	39	28	45	32	38

FALL 1976 SEASONAL: TRANSECT IV: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	78.7	0.0
SIPHONOPHORES	22.2	199.3	0.0	353.4	0.0	174.4
PHYSALIA	0.0	0.0	0.0	0.0	0.0	0.0
PORPITA	0.0	0.0	0.0	0.0	39.3	0.0
VELLELA						
SIPHONOPHORE PARTS			ABUNDANT		ABUNDANT	
MEDUSAE						
CTENOPHORES						
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	176.8	0.0	174.4
OTHER	22.2	347.5	31.7	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS						
GASTEROPOD MEROPLANKTERS	44.3	2983.9	0.0	1060.8	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA EUPELE RAFTS						
METAPODS						
ATLANTIDAE	88.6	0.0	0.0	0.0	0.0	0.0
STEFOTEROCHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	31.7	0.0	0.0	0.0
CAVOLINIA LONGIROSTRIS	0.0	0.0	0.0	176.8	0.0	174.4
CAVOLINIA UNCINATA						
CRESEIS ACICULA	22.2	0.0	31.7	530.4	0.0	0.0
CRESEIS VIRGULA	66.5	397.5	0.0	0.0	39.3	87.2
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	398.9	993.8	0.0	2298.3	0.0	174.4
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PTEROTRACHEA SPP.						
GYMNOSOMES	22.2	0.0	0.0	2121.6	0.0	523.2
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	133.0	1590.1	63.4	7779.0	26.2	1046.7
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	0.0	0.0	0.0	13.1	0.0
CARIDEAN SHRIMP	0.0	199.6	0.0	530.4	0.0	0.0
LUCIFER FAXONI	88.6	2387.9	0.0	7268.5	235.1	5135.7
LUCIFER TYPUS						
LARVAE	0.0	9546.5	0.0	175.8	13.1	0.0
ANOMURAN CRAB LARVAE	0.0	397.5	0.0	0.0	0.0	0.0
BRACHYURAN MEGALOPS	265.9	1000.0	0.0	15027.6	13.1	4185.3
BRACHYURAN ZOEAS	44.3	12720.5	31.7	3535.9	13.1	1307.9
MACRURAN LARVAE						
SHRIMP LARVAE	66.5	0.0	0.0	3182.3	0.0	697.5
STOMATOPOD ALIMA LARVAE	0.0	596.3	63.4	176.8	0.0	132.6
EUPHAUSIIDS						
CUMACEA	0.0	0.0	0.0	0.0	0.0	871.9
MYSIDACEA	0.0	2981.4	0.0	353.6	0.0	348.8
OSTRACODA	0.0	1390.1	0.0	176.8	0.0	261.6
CLADOCERA	0.0	0.0	0.0	0.0	26.2	0.0
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	31.7	0.0	91.8	0.0
CENTROPAGES FURCATUS MALE	22.2	4059.9	0.0	0.0	0.0	0.0
CENTROPAGES FURCATUS FEMALE	66.5	15303.1	0.0	176.8	13.1	784.7
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE						
EUCHAETA SPP.						
EUCHAETA SPP. IMMATURE						
NANNOCALANUS MINOR	0.0	0.0	0.0	353.6	13.1	871.9
PLEUROMAMMA PISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + PISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	22.2	1391.3	190.1	2475.1	577.0	2179.8
TEMORA TURBINATA	22.2	198.8	0.0	0.0	0.0	0.0
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	22.2	2385.1	0.0	1237.6	26.2	174.4
UNDINULA VULGARIS FEMALE	0.0	9739.1	31.7	3535.9	26.2	436.0
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

FALL 1976 SEASONAL: TRANSECT IV: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS						
ANOMALOCERA ORNATA MALE						
ANOMALOCERA ORNATA FEMALE						
ANOMALOCERA ORNATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	1798.8	0.0	0.0	0.0	0.0
CALANOPIA AMERICANA FEMALE	0.0	15900.6	0.0	0.0	0.0	87.2
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	31.7	176.8	0.0	87.2
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE						
LABIDOCERA AESTIVA FEMALE						
LABIDOCERA SCOTTI MALE	22.2	198.8	0.0	0.0	0.0	0.0
LABIDOCERA SCOTTI FEMALE						
LABIDOCERA IMMATURE	66.5	198.8	1267.3	707.2	354.1	2005.4
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE						
PONTELLA MINOCERAMI	22.2	0.0	221.8	0.0	13.1	0.0
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	13.1	0.0
PONTELLA SECURIFER FEMALE	44.3	0.0	0.0	0.0	0.0	0.0
PONTELLA ATLANTICA MALE	0.0	0.0	0.0	0.0	13.1	0.0
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. MAR MALE	0.0	0.0	31.7	0.0	0.0	0.0
PONTELLA SP. MAR FEMALE						
PONTELLA IMMATURE	0.0	0.0	1077.2	0.0	52.5	0.0
PONTELLOPSIS VILLOSA MALE	22.2	0.0	950.5	353.6	13.1	0.0
PONTELLOPSIS VILLOSA FEMALE	0.0	0.0	506.9	176.8	13.1	0.0
PONTELLOPSIS IMMATURE	22.2	594.3	95.0	0.0	0.0	0.0
PONTELLINA PLUMATA MALE						
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	0.0	69157.7	443.6	2121.5	419.7	1230.7
CYCLOPOIDA	44.3	0.0	918.8	353.6	1836.1	174.4
COPILIA MIRABILIS MALE						
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	170.5	0.0
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA						
SAPPHIRINA SPP.	0.0	198.8	0.0	176.8	0.0	87.2
HARPACTICOIDA						
CALIGOIDA						
CORREOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	22.2	13315.5	982.2	5834.3	550.8	2790.2
TUNICATES						
DOLIOLIDS	0.0	0.0	63.4	0.0	52.5	174.4
LARVACEANS						
SALPS	221.6	198.8	190.1	1237.6	52.5	261.6
FISH	44.3	7732.6	239.0	1124.3	55.7	285.1
FISH EGGS	155.1	1192.5	253.5	0.0	555.7	251.6
HALOBATES MICANS	221.6	0.0	544.6	4596.7	327.9	1141.7
PLANT STEMS						
PLASTIC						
SARGASSUM			PRESENT		PRESENT	PRESENT
SARGASSUM FAUNA					PRESENT	
TAR	0.2	0.0	0.0	0.2	0.2	21.0
TERRESTRIAL INSECTS	110.8	0.0	2.0	0.0	0.0	0.0
WOOD			PRESENT			
MISCELLANEOUS DEBRIS			PRESENT			
CORROD EYESKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA GRASS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	2460.	177652.	8388.	69544.	5839.	32390.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	22.2	198.8	31.7	176.8	13.1	87.2
ALIQUOT SIZE	1/ 8.	1/ 64.	1/ 16.	1/ 64.	1/ 4.	1/ 32.
NO. OF TAXA	31	32	28	33	33	32

NOVEMBER 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA	0.0	0.0	0.0	0.0	118.5	0.0
SIPHONOPHORES	0.0	0.0	169.3	152.7	59.3	183.4
PHYSALIA						
FORBITA						
VELELLA						
SIPHONOPHORE PARTS		RARE				
MEDUSAE	126.5	0.0	0.0	0.0	0.0	0.0
CTENOPHORES	23.7	0.0	0.0	0.0	0.0	0.0
NEMATODES						
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE						
TYPHLOSCOLECIDAE	0.0	0.0	0.0	0.0	59.3	91.7
OTHER	126.5	68.4	0.0	0.0	0.0	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	68.4	0.0	229.1	0.0	0.0
GASTEROPOD MEROPLANKTERS	0.0	0.0	507.9	152.7	59.3	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	126.5	68.4	0.0	152.7	0.0	0.0
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA	0.0	0.0	0.0	0.0	59.3	0.0
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CLEODORA ACICULA	0.0	0.0	0.0	0.0	59.3	0.0
CLEODORA VIRGULA						
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES	0.0	0.0	0.0	0.0	59.3	0.0
LIMACINA INFLATA						
LIMACINA TROCHIFORMIS	0.0	0.0	0.0	229.1	59.3	733.5
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	0.0	0.0	0.0	0.0	0.0	3942.7
OTHER						
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	253.0	14017.1	4571.4	3436.8	5451.8	1100.3
PHRONIMIDS						
PHRONIMA COLLETTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS						
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	2.1	0.0	152.7	0.0	0.0
CARIDEAN SHRIMP	0.0	0.0	169.3	534.6	0.0	0.0
LUCIFER FAXONI	1133.3	3623.9	30137.6	1451.1	1777.8	550.1
LUCIFER TYPUS	0.0	0.0	0.0	0.0	888.9	0.0
LARVAE						
ANOMURAN CRAB LARVAE						
BRACHYURAN MEGALOPS	0.0	683.8	2539.7	2520.3	7229.5	8902.3
BRACHYURAN ZOEAS	253.0	547.0	507.9	1374.7	355.6	183.4
MACRURAN LARVAE						
SHRIMP LARVAE	379.4	752.1	677.2	534.6	1125.9	733.5
STOMATOPOD ALIMA LARVAE	0.0	136.8	0.0	76.4	214.8	189.1
EUPHAUSIIDS	0.0	0.0	0.0	0.0	296.3	91.7
CUMACEA	0.0	0.0	0.0	0.0	59.3	0.0
MYSIDACEA	0.0	0.0	1185.2	11379.5	414.8	91.7
OSTRACODA	0.0	1777.8	846.6	3895.0	177.8	91.7
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE	0.0	0.0	0.0	0.0	237.0	0.0
CANDACIA CURTA FEMALE	0.0	0.0	0.0	0.0	177.8	0.0
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	0.0	533.3	0.0
CENTROPAGES FURCATUS MALE	1391.3	7384.6	3047.6	3589.5	0.0	183.4
CENTROPAGES FURCATUS FEMALE	5565.2	15316.2	4571.4	8935.6	177.8	183.4
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	91.7
EUCHAETA SPP.	0.0	0.0	0.0	0.0	59.3	0.0
EUCHAETA SPP. IMMATURE	0.0	0.0	338.6	152.7	0.0	0.0
NANNOCALANUS MINOR	0.0	0.0	0.0	0.0	2666.7	1467.0
PLEUROMAMMA BISSECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + BISSECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS						
RHINCALANUS UNIDENTIFIED						
TEMORA STYLIFERA	0.0	410.3	1015.9	687.4	118.5	0.0
TEMORA TURBINATA	15548.6	9162.4	1354.5	2367.5	1540.7	183.4
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	0.0	0.0	296.3	0.0
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	0.0	59.3	91.7
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE	0.0	0.0	0.0	0.0	0.0	91.7
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

NOVEMBER 1976: TRANSECT II: STATION: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS						
ANOMALOCERA DENATA MALE	7209.5	547.0	4232.8	587.4	0.0	0.0
ANOMALOCERA DENATA FEMALE	6324.1	410.3	1862.4	381.9	0.0	0.0
ANOMALOCERA DENATA IMMATURE	24790.5	379.6	15407.4	5727.9	0.0	0.0
CALANOPIA AMERICANA MALE	0.0	615.4	0.0	1680.2	533.3	91.7
CALANOPIA AMERICANA FEMALE	0.0	3350.4	1354.5	9164.7	529.6	1008.6
LABIDOCERA ACUTIFRONS MALE	0.0	0.0	0.0	0.0	59.3	0.0
LABIDOCERA ACUTIFRONS FEMALE	0.0	0.0	0.0	0.0	118.5	0.0
LABIDOCERA AESTIVA MALE	126.5	752.1	0.0	0.0	0.0	0.0
LABIDOCERA AESTIVA FEMALE						
LABIDOCERA SCOTTI MALE	126.5	68.4	0.0	76.4	0.0	0.0
LABIDOCERA SCOTTI FEMALE						
LABIDOCERA IMMATURE	1011.9	479.6	169.3	0.0	237.0	91.7
PONTELLA MEADII MALE	4173.9	0.0	169.3	0.0	0.0	0.0
PONTELLA MEADII FEMALE	1011.9	0.0	0.0	0.0	0.0	0.0
PONTELLA MINUCERAMI						
PONTELLA SECURIFER MALE	0.0	0.0	0.0	0.0	0.0	91.7
PONTELLA SECURIFER FEMALE	0.0	0.0	0.0	0.0	59.3	0.0
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "AM" MALE						
PONTELLA SP. "AM" FEMALE						
PONTELLA IMMATURE	22640.3	0.0	507.9	0.0	59.3	0.0
PONTELLOPSIS VILLOSA MALE	1517.8	478.6	2370.4	763.7	0.0	183.4
PONTELLOPSIS VILLOSA FEMALE	632.4	273.5	1354.5	458.2	118.5	550.1
PONTELLOPSIS IMMATURE	1011.9	547.0	1693.1	229.1	118.5	91.7
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	0.0	1659.3	183.4
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	4806.3	13539.5	2370.4	10386.5	3259.3	366.8
CYCLOPOIDA	2909.1	341.9	338.5	0.0	1007.4	733.5
COPILIA MIRABILIS MALE	0.0	0.0	0.0	76.4	0.0	183.4
COPILIA MIRABILIS FEMALE	0.0	0.0	169.3	0.0	118.5	91.7
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE	0.0	0.0	0.0	0.0	0.0	91.7
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA	0.0	0.0	0.0	0.0	0.0	91.7
SAPPHIRINA METALLINA	0.0	0.0	0.0	0.0	59.3	0.0
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	59.3	91.7
HARPACTICOIDA						
CALIGOIDA	0.0	68.4	0.0	0.0	0.0	0.0
COPEPOD NAUPLIUS						
ECHINODERM LARVAE						
CHAETOGNATHS	8367.9	10188.0	2539.7	2291.2	1777.8	3759.3
TUNICATES						
DOLIOLIDS	0.0	68.4	507.9	0.0	770.4	1008.6
LARVACEANS						
SALPS						
FISH	715.4	485.0	0.0	236.3	125.9	553.0
FISH EGGS	379.4	68.4	1354.5	1222.0	59.3	0.0
HALOBATES MICANS	0.0	0.0	0.0	0.0	59.3	0.0
PLANT STEMS						
PLASTIC	PRESENT	PRESENT				PRESENT
SARGASSUM						
SARGASSUM FAUNA						
TAR	5.0	0.4	0.0	0.5	0.3	0.1
TERRESTRIAL INSECTS	0.0	0.0	0.0	0.0	118.5	5.7
WOOD				PRESENT		
MISCELLANEOUS DEBRIS	PRESENT					PRESENT
COPEPOD EXOSKELETONS						
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	114067.	96778.	86042.	75336.	35600.	28347.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	126.5	68.4	169.3	76.4	59.3	91.7
ALIQUOT SIZE	1/ 32.	1/ 32.	1/ 64.	1/ 32.	1/ 16.	1/ 32.
NO. OF TAXA	28	34	31	34	49	38

DECEMBER 1976: TRANSECT II: STATION:	1D	1N	2D	2N	3D	3N
FORAMINIFERA						
SIPHONOPHORES	0.0	0.0	0.0	0.0	0.0	117.2
PHYSALIA	0.0	0.0	3.2	3.9	3.1	0.0
PORPITA						
VELLELA						
SIPHONOPHORE PARTS	ABUNDANT	RARE	COMMON	COMMON	RARE	
MEDUSAE	8.2	0.0	0.0	0.0	0.0	0.0
CTENOPHORES	16.5	0.0	0.0	0.0	0.0	0.0
NEMATODES	0.0	163.3	0.0	0.0	97.9	117.2
POLYCHAETES						
ALCIOPIDAE						
TOMOPTERIDAE	0.0	0.0	0.0	0.0	0.0	117.2
TYPHLOSCOLECIDAE	0.0	0.0	0.0	0.0	0.0	117.2
OTHER	0.0	81.6	512.8	0.0	195.7	0.0
UNIDENTIFIED WORM						
MOLLUSCA						
BIVALVE MEROPLANKTERS	0.0	0.0	0.0	496.1	0.0	0.0
GASTROPOD MEROPLANKTERS	0.0	0.0	205.1	496.1	0.0	0.0
GLAUCUS						
JANTHINA SHELLS						
JANTHINA BUBBLE RAFTS						
HETEROPODS						
ATLANTIDAE	0.0	81.6	0.0	0.0	0.0	117.2
PTEROTRACHEIDAE						
PTEROPODS						
CAVOLINIA GIBBOSA						
CAVOLINIA INFLEXA						
CAVOLINIA LONGIROSTRIS						
CAVOLINIA UNCINATA						
CRESEIS ACICULA	0.0	81.6	0.0	496.1	0.0	0.0
CRESEIS VIRGULA	0.0	0.0	0.0	0.0	97.9	0.0
DIACRIA QUADRIDENTATA						
LIMACINA BULIMOIDES						
LIMACINA INFLATA	0.0	0.0	0.0	0.0	0.0	117.2
LIMACINA TROCHIFORMIS	24.7	81.6	102.6	1488.4	0.0	0.0
STYLIOLA SUBULA						
HYALOCYLIS STRIATA						
PERACLIS SPP.						
GYMNOSOMES	8.2	81.6	102.6	992.2	391.4	586.1
OTHER	0.0	0.0	0.0	0.0	12.2	0.0
CRUSTACEA						
AMPHIPODA						
HYPERIIDAE	41.2	1142.9	1538.5	3969.0	97.9	586.1
PRONIMIDS						
PRONIMA COLLOTTI						
BARNACLE NAUPLII						
BARNACLE CYPRIDS	0.0	0.0	0.0	0.0	4693.0	458.9
DECAPODA						
BRACHYURAN CRABS						
PORTUNID CRABS	0.0	0.0	0.0	0.0	100.9	0.0
CARIDEAN SHRIMP	0.0	0.0	0.0	496.1	97.9	0.0
LUCIFER FAXONI	57.7	244.9	40820.5	2976.7	3229.4	937.7
LUCIFER TYPUS						
LARVAE						
ANOMURAN CRAB LARVAE						
BRACHYURAN MEGALOPS	0.0	163.3	1435.9	11907.0	195.7	1289.4
BRACHYURAN ZOEAS	132.0	2285.7	3384.6	5953.5	293.6	234.4
MACRURAN LARVAE	8.2	0.0	0.0	0.0	0.0	0.0
SHRIMP LARVAE	8.2	326.5	2554.1	8434.1	489.3	2227.1
STOMATOPOD ALIMA LARVAE	0.0	1224.5	208.3	0.0	0.0	146.5
EUPHAUSIIDS	0.0	0.0	0.0	0.0	0.0	820.5
CUMACEA						
MYSIDACEA	0.0	326.5	102.6	1984.5	0.0	586.1
OSTRACODA	99.0	18204.1	2974.4	151813.9	978.6	18402.9
CLADOCERA						
COPEPODA						
CALANOIDS						
CANDACIA CURTA MALE						
CANDACIA CURTA FEMALE						
CANDACIA PACHYDACTYLA MALE						
CANDACIA PACHYDACTYLA FEMALE						
CANDACIA BIPINNATA MALE						
CANDACIA BIPINNATA FEMALE						
CANDACIA SPP.	0.0	0.0	0.0	0.0	0.0	234.4
CENTROPAGES FURCATUS MALE	1517.5	18530.6	1641.0	7441.9	0.0	0.0
CENTROPAGES FURCATUS FEMALE	1748.5	21632.6	4615.4	12899.2	195.7	117.2
EUCHAETA MARINA MALE						
EUCHAETA MARINA FEMALE	0.0	0.0	0.0	0.0	0.0	117.2
EUCHAETA SPP.	0.0	0.0	205.1	0.0	0.0	468.9
EUCHAETA SPP. IMMATURE	0.0	81.6	307.7	1488.4	293.6	1239.4
NANNOCALANUS MINOR	0.0	0.0	0.0	2976.7	0.0	4683.6
PLEUROMAMMA BISECKI FEMALE						
PLEUROMAMMA GRACILIS FEMALE						
P. GRACILIS + BISECKI MALES						
PLEUROMAMMA ABDOMINALIS IMMATU						
PLEUROMAMMA SPP. IMMATURE						
RHINCALANUS CORNUTUS	0.0	0.0	0.0	0.0	0.0	820.5
RHINCALANUS UNIDENTIFIED	0.0	0.0	102.5	0.0	0.0	0.0
TEMORA STYLIFERA	41.2	1469.4	2051.3	7441.9	978.6	1172.2
TEMORA TURBINATA	395.5	4898.0	14153.8	39689.9	5382.3	5626.4
PARACANDACIA BISPINOSA MALE						
PARACANDACIA BISPINOSA FEMALE						
UNDINULA VULGARIS MALE	0.0	0.0	0.0	496.1	0.0	0.0
UNDINULA VULGARIS FEMALE	0.0	0.0	0.0	0.0	0.0	117.2
EUCALANUS ATTENUATUS MALE						
EUCALANUS ATTENUATUS FEMALE						
EUCALANUS SPP. MALE						
EUCALANUS SPP. FEMALE						

DECEMBER 1976: TRANSECT II: STATION: (cont.)	1D	1N	2D	2N	3D	3N
PONTELLIDS	0.0	0.0	0.0	0.0	0.0	117.2
ANOMALOCERA DENATA MALE	0.0	0.0	1129.2	0.0	0.0	0.0
ANOMALOCERA DENATA FEMALE	0.0	0.0	717.9	0.0	0.0	0.0
ANOMALOCERA DENATA IMMATURE						
CALANOPIA AMERICANA MALE	0.0	3428.6	4000.0	38697.7	195.7	1406.6
CALANOPIA AMERICANA FEMALE	8.2	3265.3	5948.7	62511.6	195.7	1523.8
LABIDOCERA ACUTIFRONS MALE						
LABIDOCERA ACUTIFRONS FEMALE						
LABIDOCERA AESTIVA MALE	123.7	898.0	8615.4	9426.4	293.6	234.4
LABIDOCERA AESTIVA FEMALE	296.9	571.4	1641.0	1488.4	195.7	0.0
LABIDOCERA SCOTTI MALE						
LABIDOCERA SCOTTI FEMALE	0.0	0.0	102.6	0.0	0.0	0.0
LABIDOCERA IMMATURE	41.2	1551.0	0.0	0.0	0.0	0.0
PONTELLA MEADII MALE						
PONTELLA MEADII FEMALE	8.2	0.0	0.0	0.0	0.0	0.0
PONTELLA MINOCEFAMI						
PONTELLA SECURIFER MALE						
PONTELLA SECURIFER FEMALE						
PONTELLA ATLANTICA MALE						
PONTELLA ATLANTICA FEMALE						
PONTELLA SP. "A" MALE						
PONTELLA SP. "A" FEMALE						
PONTELLA IMMATURE	8.2	0.0	0.0	0.0	0.0	0.0
PONTELLOPSIS VILLOSA MALE	90.7	163.3	3569.7	496.1	2348.6	234.4
PONTELLOPSIS VILLOSA FEMALE	82.5	81.6	1333.3	0.0	782.9	0.0
PONTELLOPSIS IMMATURE	189.7	571.4	1128.2	0.0	97.9	0.0
PONTELLINA PLUMATA MALE	0.0	0.0	0.0	0.0	0.0	234.4
PONTELLINA PLUMATA FEMALE						
PONTELLINA IMMATURE						
IMMATURE & UNIDENTIFIED CALANOID	709.3	2204.1	3076.9	13395.3	1565.7	4923.1
CYCLOPOIDA	148.5	163.3	1743.6	1498.4	1174.3	1289.4
COPILIA MIRABILIS MALE	0.0	0.0	0.0	0.0	97.9	0.0
COPILIA MIRABILIS FEMALE	0.0	0.0	0.0	0.0	97.9	117.2
COPILIA QUADRATA MALE						
COPILIA QUADRATA FEMALE						
SAPPHIRINA STELLATA						
SAPPHIRINA NIGROMACULATA						
SAPPHIRINA METALLINA	0.0	0.0	0.0	0.0	0.0	117.2
SAPPHIRINA SPP.	0.0	0.0	0.0	0.0	97.9	0.0
HARPACTICOIDA	24.7	0.0	0.0	0.0	0.0	0.0
CALIGOIDA	24.7	0.0	0.0	0.0	0.0	0.0
COPEPOD NAUPLIUS						
ECHINODERM LARVAE	0.0	0.0	0.0	0.0	97.9	0.0
CHAETOGNATHS	362.9	10449.0	8923.1	17860.5	1957.2	5743.6
TUNICATES						
DOLIOLIDS	0.0	0.0	820.5	5457.4	195.7	703.3
LARVACEANS	0.0	244.9	307.7	1486.4	391.4	351.6
SALPS	0.0	0.0	102.6	0.0	0.0	0.0
FISH	113.4	344.4	1349.4	2980.6	6370.0	893.8
FISH EGGS	0.0	0.0	307.7	1984.5	587.2	117.2
HALOBATES MICANS						
PLANT STEMS	PRESENT	PRESENT		PRESENT		
PLASTIC					PRESENT	PRESENT
SARGASSUM					PRESENT	PRESENT
SARGASSUM FAUNA					PRESENT	
TAR	0.0	0.0	0.0	0.0	208.7	28.1
TERRESTRIAL INSECTS						
WOOD		PRESENT	PRESENT			
MISCELLANEOUS DEBRIS		PRESENT				
COPEPOD EXOSKELETONS						COMMON
SHELL FRAGMENTS						
STRING						
FEATHERS						
SEA BEANS (PLANT SEEDS)						
TOTAL NO. PER 1,000 CUBIC METERS	6340.	95038.	121868.	421216.	34767.	59648.
CONCENTRATION EQUAL TO 1 INDIVIDUAL	8.2	81.6	102.6	496.1	97.9	117.2
ALIQUOT SIZE	1/ 4.	1/ 32.	1/ 32.	1/128.	1/ 32.	1/ 32.
NO. OF TAXA	30	33	39	34	38	42

TABLE 4

IDENTIFICATION AND CALCULATED NUMBERS OF ICHTHYOPLANKTON OBTAINED FROM SAMPLE ALIQUOT BY DATE, STATION, TRANSECT AND TIME OF DAY[1]

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
WINTER:			
1/I/D	301	Mugilidae-*Mugil cephalus*	5[a]
		Unknowns	5
1/I/N	65	Bothidae	88
2/I/D	13,054	Antennariidae-*Histrio histrio*	3[a]
		Bothidae	6
		Clupeidae	24
		Clupeidae-*Brevoortia patronus*	18
		Exocoetidae	6
		Gadidae-*Urophycis* sp.	24
		Gadidae-*Urophycis regius*	33[a]
		Mugilidae-*Mugil cephalus*	208[a]
		Ophichthidae-*Myrophis punctatus*	42[a]
		Serranidae	18
		Synodontidae-*Synodus* sp.	18
		Triglidae-*Prionotus* sp.	6
		Unknowns	476
2/I/N	20,447	Bothidae	382
		Clupeidae	39
		Clupeidae-*Brevoortia patronus*	13
		Clupeidae-*Etrumeus teres*	7
		Engraulidae-*Anchoa mitchilli*	13
		Exocoetidae-*Hirundichthys rondeleti*	3[a]
		Gadidae-*Urophycis regius*	3[a]
		Gobiidae	26
		Mugilidae-*Mugil cephalus*	3[a]
		Ophichthidae-*Myrophis punctatus*	3[a]
		Stromateidae-*Peprilus burti*	13
		Unknowns	7
3/I/D	750	Centriscidae-*Macrorhamphosus gracilis*	5
		Exocoetidae	5
		Mugilidae-*Mugil cephalus*	288[a]
		Mullidae-*Mullus auratus*	716[a]
		Polynemidae-*Polydactylus octonemus*	5[a]
3/I/N	407	Antennariidae	2[a]
		Engraulidae-*Engraulis eurystole*	4
		Exocoetidae-*Hirundichthys rondeleti*	2[a]
		Mugilidae-*Mugil cephalus*	4[a]
		Mugilidae-*Mugil curema*	2[a]
		Sciaenidae	9
		Sciaenidae-*Menticirrhus* sp.	121
		Unknowns	9

[1]This table replaces previous miscalculated fish egg and larva data presented in the 1976 Quarterly Reports in similar tables.

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
1/II/D	244	Clupeidae	9[a]
		Clupeidae-*Brevoortia* sp.	6[a]
		Clupeidae-*Brevoortia patronus*	6[a]
		Stromateidae-*Peprilus* sp.	6
		Unknowns	18
1/II/N	156	Bothidae	17
		Clupeidae	3[a]
		Clupeidae-*Brevoortia patronus*	22[a]
		Clupeidae-*Etrumeus teres*	14[a]
		Elopidae-*Elops saurus*	3[a]
		Gobiidae-*Gobionellus boleosoma*	6
		Mugilidae-*Mugil cephalus*	28[a]
		Sciaenidae	11
		Unknowns	39
2/II/D	26,731	Mugilidae-*Mugil cephalus*	7[a]
		Mullidae	2[a]
		Ophichthidae-*Myrophis punctatus*	24[a]
		Sciaenidae	5
2/II/N	7,225	Bothidae	18
		Clupeidae	148
		Clupeidae-*Brevoortia patronus*	3[a]
		Clupeidae-*Etrumeus teres*	55
		Engraulidae-*Anchoa mitchilli*	6
		Gadidae-*Urophycis regius*	3[a]
		Mugilidae-*Mugil cephalus*	46[a]
		Sciaenidae	145
		Sciaenidae-*Leiostomus xanthurus*	43
		Unknowns Leptocephalus larvae	6
		Unknowns	18
3/II/D	443	Exocoetidae-*Hirundichthys rondeleti*	8
		Muglildae-*Mugil curema*	8
		Mullidae	24[a]
		Tetraodontidae-*Sphoeroides* sp.	8[a]
		Unknowns	79
3/II/N	560	Bothidae	24
		Clupeidae	60
		Clupeidae-*Brevoortia patronus*	42
		Clupeidae-*Etrumeus teres*	217
		Engraulidae	6
		Engraulidae-*Anchoa hepsetus*	18
		Engraulidae-*Engraulis eurystole*	6
		Mugilidae	12
		Ophichthidae-*Myrophis punctatus*	3[a]
		Sciaenidae	60
		Sciaenidae-*Leiostomus xanthurus*	18
		Synodontidae	30
		Triglidae	12

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Triglidae-Prionotus sp.	6
		Unknowns	81[a]
1/III/D	10,958	NONE	
1/III/N	34,191	Bothidae	142
		Bothidae-Etropus crossotus	3[a]
		Clupeidae	8[a]
		Clupeidae-Brevoortia sp.	25[a]
		Clupeidae-Etrumeus teres	92[a]
		Clupeidae-Sardinella anchovia	5
		Engraulidae-Anchoa hepsetus	3[a]
		Engraulidae-Engraulis eurystole	5
		Gobiidae	22
		Gobiidae-Gobionellus boleosoma	16
		Gobiidae-Gobiosoma sp.	5
		Mugilidae-Mugil cephalus	3[a]
		Ophidiidae	16
		Serranidae	5
		Stromateidae	5
		Triglidae-Prionotus sp.	5
		Unknowns	87
2/III/D	588	Exocoetidae	5
		Gadidae-Urophycis sp.	8[a]
		Mugilidae-Mugil cephalus	29[a]
		Mullidae-Mullus sp.	364[a]
2/III/N	821	Bothidae	531
		Clupeidae-Brevoortia sp.	15
		Clupeidae-Etrumeus teres	5
		Cynoglossidae-Symphurus sp.	10
		Gadidae-Urophycis sp.	2[a]
		Gobiidae	10
		Mugilidae-Mugil cephalus	10[a]
		Ophichthidae-Myrophis punctatus	20[a]
		Ophidiidae	5
		Stromateidae-Peprilus burti	34
		Synodontidae	7[a]
		Triglidae	5
3/III/D	235	Diodontidae-Chilomycterus schoepfi	4
		Exocoetidae	2[a]
		Mugilidae-Mugil cephalus	83[a]
		Mugilidae-Mugil curema	4[a]
		Mullidae-Mullus sp.	42
		Polynemidae-Polydactylus octonemus	19
		Tetraodontidae-Sphoeroides parvus	4
		Unknowns	35
3/III/N	428	Bothidae	18
		Clupeidae-Brevoortia sp.	6

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Clupeidae-*Etrumeus teres*	24
		Gobiidae	6
		Mugilidae-*Mugil curema*	3[a]
		Ophichthidae-*Myrophis punctatus*	3[a]
		Sciaenidae	138
		Synodontidae	6
		Synodontidae-*Synodus foetens*	3[a]
		Unknowns	24
1/IV/D	4,861	NONE	
1/IV/N	1,790	Bothidae	149
		Bothidae -*Citharichthys macrops*	7
		Clupeidae	20
		Clupeidae-*Brevoortia* sp.	14
		Clupeidae-*Etrumeus teres*	81
		Gerreidae-*Eucinostomus* sp.	95
		Gobiidae	142
		Gobiidae-*Gobionellus boleosoma*	651
		Gobiidae-*Gobiosoma* sp.	47
		Mugilidae-*Mugil cephalus*	20[a]
		Ophidiidae-*Brotula barbata*	34
		Sciaenidae	34
		Sciaenidae-*Cynoscion* sp.	14
		Sciaenidae-*Leiostomus xanthurus*	20
		Sciaenidae-*Micropogon undulatus*	14
		Synodontidae	7
		Unknowns	14
2/IV/D	112,184	Mullidae-*Mullus* sp.	39
2/IV/N	5,589	Blennidae	6
		Bothidae	3[a]
		Bothidae-*Etropus* sp.	259
		Clupeidae	6
		Clupeidae-*Etrumeus teres*	158
		Cynoglossidae-*Symphurus civitatus*	19
		Engraulidae-*Engraulis eurystole*	6
		Mugilidae-*Mugil cephalus*	9[a]
		Sciaenidae	13
		Sciaenidae-*Cynoscion* sp.	6
		Sciaenidae-*Leiostomus xanthurus*	13
		Sciaenidae-*Menticirrhus* sp.	6
		Sciaenidae-*Micropogon undulatus*	6
		Syngnathidae-*Syngnathus louisianae*	3[a]
		Triglidae-*Prionotus* sp.	6
		Unknowns	57
3/IV/D	366	Antennaridae-*Histrio histrio*	5[a]
		Blennidae	5
		Centriscidae-*Macrorhamphosus gracilis*	13[a]

TABLE 4' CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Congridae-Ariosoma sp.	3[a]
		Exocoetidae	3[a]
		Hemiramphidae	5
		Mugilidae-Mugil cephalus	214[a]
		Mullidae-Mullus sp.	536[a]
		Ophichthidae-Myrophis punctatus	16[a]
		Polynemidae-Polydactylus octonemus	8[a]
		Tetraodontidae-Sphoeroides sp.	5
3/IV/N	45	Bothidae	11
		Congridae-Ariosoma sp.	3[a]
		Mugilidae-Mugil cephalus	3[a]
		Ophichthidae-Myrophis punctatus	6[a]
		Polynemidae-Polydactylus octonemus	3[a]
		Scombridae	14[a]
		Unknowns	22
MARCH:			
1/II/D	4,319	Clupeidae	167[a]
		Clupeidae-Brevoortia sp.	288
		Clupeidae-Etrumeus teres	8
		Clupeidae-Opisthonema oglinum	148
		Engraulidae	8
		Gadidae-Urophycis sp.	8
		Sciaenidae	93
		Sciaenidae-Leiostomus xanthurus	8
		Sciaenidae-Menticirrhus sp.	8
		Sciaenidae-Micropogon undulatus	23
		Unknowns	218
1/II/N	4,800	Bothidae-Etropus crossotus	19
		Bothidae-Paralichthys sp.	9
		Clupeidae	93
		Engraulidae	102
		Engraulidae-Anchoa hepsetus	9
		Engraulidae-Engraulis eurystole	19
		Exocoetidae-Hirundichthys rondeleti	5[a]
		Gobiidae	102
		Mugilidae-Mugil cephalus	14[a]
		Ophidiidae	112
		Sciaenidae	605
		Sciaenidae-Leiostomus xanthurus	37
		Sciaenidae-Micropogon undulatus	1516
		Synodontidae	28
		Unknowns	409
2/II/D	20,914	Gobiidae	8
		Exocoetidae-Hirundichthys rondeleti	4[a]
		Mugilidae-Mugil curema	8
		Sciaenidae-Leiostomus xanthurus	8

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Tetraodontidae-Sphoeroides sp.	8
		Triglidae-Prionotus sp.	8
2/II/N	8,694	Bothidae	74
		Bregmacerotidae-Bregmaceros atlanticus	269
		Clupeidae-Brevoortia sp.	40
		Clupeidae-Etrumeus teres	124[a]
		Clupeidae-Opisthonema oglinum	81
		Engraulidae	13
		Engraulidae-Anchoa hepsetus	7
		Engraulidae-Engraulis eurystole	20
		Gobiidae-Gobionellus boleosoma	54
		Sciaenidae	74
		Sciaenidae-Leiostomus xanthurus	20
		Sciaenidae-Micropogon undulatus	13
		Stromateidae-Peprilus sp.	7
		Synodontidae	13
		Triglidae-Prionotus sp.	13
		Unknowns	61
3/II/D	1,808	Antennariidae-Histrio histrio	3[a]
		Engraulidae-Anchoa hepsetus	19
		Engraulidae-Anchoa sp.	6
		Exocoetidae-Hirundichthys rondeleti	6
		Mugilidae	34[a]
		Mugilidae-Mugil cephalus	93
		Mugilidae-Mugil curema	161[a]
		Sciaenidae	6
		Syngnathidae-Syngnathus louisianae	3[a]
		Tetraodontidae-Sphoeroides sp.	12
		Unknowns	3[a]
3/II/N	646	Bothidae	5
		Bregmacerotidae-Bregmaceros atlanticus	77
		Carangidae-Trachuras lathami	15
		Clupeidae-Brevoortia sp.	21
		Clupeidae-Etrumeus teres	5
		Cynoglossidae-Symphurus sp.	5
		Engraulidae-Anchoa hepsetus	31
		Engraulidae-Engraulis eurystole	5
		Exocoetidae	10
		Exocoetidae-Exocoetus obtusirostris	3[a]
		Exocoetidae-Hirundichthys rondeleti	5[a]
		Mugilidae-Mugil sp.	57
		Mugilidae-Mugil cephalus	5
		Mugilidae-Mugil curema	8[a]
		Polynemidae-Polydactylus octonemus	5
		Sciaenidae	46
		Synodontidae	36
		Triglidae-Prionotus sp.	10
		Unknowns	15

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
APRIL:			
1/II/D	2,493	Clupeidae	8
		Clupeidae-*Brevoortia* sp.	12[a]
		Engraulidae-*Engraulis eurystole*	8
		Sciaenidae	326
		Unknowns	88
1/II/N	7,966	Clupeidae	48
		Engraulidae	68
		Engraulidae-*Anchoa* sp.	7
		Engraulidae-*Engraulis eurystole*	212[a]
		Mugilidae-*Mugil cephalus*	7
		Sciaenidae	375
		Sciaenidae-*Cynoscion* sp.	55
		Sciaenidae-*Menticirrhus* sp.	27
		Synodontidae	48
		Tetradodontidae-*Sphoeroides* sp.	7
		Triglidae-*Prionotus* sp.	14
		Unknowns	61
2/II/D	3,041	Exocoetidae	15
		Polynemidae-*Polydactylus octonemus*	2[a]
		Sciaenidae	5
		Serranidae-*Centropristis* sp.	5
		Tetraodontidae-*Sphoeroides* sp.	38[a]
		Unknowns	20
2/II/N	10,457	Exocoetidae-*Hirundichthys rondeleti*	5[a]
		Mugilidae-*Mugil cephalus*	2[a]
		Sciaenidae	10
		Sciaenidae-*Cynoscion* sp.	5
		Serranidae	5
		Synodontidae	5
		Tetraodontidae-*Sphoeroides* sp.	5
		Triglidae- *Prionotus* sp.	53
		Unknowns	19
3/II/D	1,018	NONE	
3/II/N	905	Antennariidae-*Histrio histrio*	4[a]
		Bothidae	4
		Exocoetidae	15
		Exocoetidae-*Hirundichthys rondeleti*	2[a]
		Exocoetidae-*Parexocoetus brachypterus*	2[a]
		Gobiidae	2[a]
		Mugilidae	7
		Mugilidae-*Mugil cephalus*	7[a]
		Mugilidae-*Mugil curema*	7[a]
		Polynemidae-*Polydactylus octonemus*	179[a]
		Sciaenidae	4
		Synodontidae	71[a]
		Synodontidae-*Synodus* sp.	4

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Tetraodontidae-Sphoeroides sp.	29
		Triglidae-Prionotus sp.	4
SPRING:			
1/I/D	3,961	Carangidae-Caranx hippos	8[a]
		Carangidae-Trachinotus carolinus	6
		Exocoetidae	16
		Exocoetidae-Hirundichthys rondeleti	9[a]
		Monacanthidae-Monacanthus hispidus	5[a]
		Mullidae-Mullus auratus	6
		Tetraodontidae-Sphoeroides sp.	6
1/I/N	3,725	Blennidae	13
		Bothidae	19
		Carangidae-Caranx sp.	6
		Carangidae-Trachurus lathami	19
		Clupeidae	13
		Exocoetidae	13
		Exocoetidae-Hirundichthys rondeleti	3[a]
		Gerridae-Eucinostomus sp.	25
		Gobiidae	6
		Mugilidae-Mugil cephalus	3[a]
		Mugilidae-Mugil curema	15[a]
		Sciaenidae-Menticirrhus sp.	38
		Scombridae-Scomberomorus cavalla	6
2/I/D	1,898	Clupeidae-Harengula jaguana	4
		Monacanthidae-Monacanthus hispidus	2[a]
		Mugilidae-Mugil sp.	4
		Mugilidae-Mugil curema	4
		Mullidae-Mullus auratus	32
		Stromateidae	14
		Triglidae-Prionotus sp.	4
2/I/N	887	Belonidae-Strongylura sp.	6
		Bothidae	20
		Carangidae-Caranx sp.	14
		Carangidae-Trachurus lathami	20
		Clupeidae	34
		Clupeidae-Harengula jaguana	28
		Clupeidae-Opisthonema oglinum	48
		Engraulidae	68
		Engraulidae-Anchoa hepsetus	137
		Engraulidae-Engraulis eurystole	214
		Exocoetidae	6
		Exocoetidae-Parexocoetus brachypterus	6
		Gobiidae-Gobionellus boleosoma	34
		Mugilidae-Mugil cephalus	6
		Sciaenidae	48

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Sciaenidae-Cynoscion sp.	6
		Scombridae-Scomberomorus cavalla	48
		Serranidae	103
		Stromateidae-Peprilus sp.	14
		Synodontidae	123
		Triglidae-Prionotus sp.	6
		Unknowns-Leptocephalus larvae	7[a]
		Unknowns	48
3/I/D	3,640	Antennariidae-Histrio histrio	5[a]
		Balistidae-Balistes capriscus	2[a]
		Carangidae-Caranx latus	2[a]
		Hemiramphidae-Hemiramphus brasiliensis	2[a]
		Exocoetidae	5
		Exocoetidae-Oxyporhampus micropterus	5
3/I/N	1,264	Antennariidae-Histrio histrio	2[a]
		Bregmacerotidae-Bregmaceros atlanticus	49
		Bothidae	14
		Carangidae-Caranx sp.	28[a]
		Carangidae-Caranx latus	5[a]
		Carangidae-Trachurus lathami	26
		Clupeidae	8
		Clupeidae-Opisthonema oglinum	4
		Coryphaenidae	10
		Coryphaenidae-Coryphaena hippurus	6[a]
		Cynoglossidae-Symphurus civitatus	8[a]
		Diodontidae-Diodon hystrix	2[a]
		Engraulidae	514
		Engraulidae-Anchoa hepsetus	197
		Engraulidae-Engraulis eurystole	433
		Exocoetidae	9[a]
		Exocoetidae-Exocoetus obtusirostris	2[a]
		Exocoetidae-Hirundichthys rondeleti	30[a]
		Gerreidae-Eucinostomus sp.	8
		Gobiidae	67
		Gobiidae-Gobionellus boleosoma	18
		Gobiidae-Gobiosoma robustum	8
		Mugilidae-Mugil curema	4
		Scombridae	22
		Scombridae-Scomberomorus cavalla	4
		Serranidae	67
		Stromateidae-Peprilus sp.	4
		Synodontidae	4
		Synodontidae-Saurida brasiliensis	7[a]
		Unknowns-Leptocephalus larvae	16[a]
		Unknowns	286

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
1/II/D	1,775	Bothidae	20
		Carangidae-*Caranx* sp.	14
		Carangidae-*Trachinotus carolinus*	28
		Carangidae-*Trachurus lathami*	76
		Clupeidae	468
		Clupeidae-*Opisthonema oglinum*	715
		Engraulidae-*Engraulis eurystole*	14
		Exocoetidae	928
		Exocoetidae-*Hirundichthys rondeleti*	743
		Exocoetidae-*Parexocoetus brachypterus*	865
		Gerreidae-*Eucinostomus* sp.	54
		Gobiidae	6
		Monacanthidae-*Monacanthus hispidus*	3[a]
		Mugilidae	136
		Mugilidae-*Mugil cephalus*	54
		Mugilidae-*Mugil curema*	90
		Mullidae-*Mullus auratus*	2964
		Muraenidae-*Gymnothorax nigromarginatus*	3[a]
		Scombridae	20
		Syngnathidae-*Syngnathus louisianae*	10[a]
		Tetraodontidae-*Sphoeroides* sp.	13[a]
		Unknowns	6
1/II/N	8,921	Bothidae	12
		Carangidae-*Caranx* sp.	6
		Clupeidae	47
		Clupeidae-*Opisthonema oglinum*	112
		Engraulidae	65
		Engraulidae-*Anchoa hepsetus*	75
		Engraulidae-*Engraulis eurystole*	221
		Exocoetidae	87
		Exocoetidae-*Hirundichthys rondeleti*	3[a]
		Gerreidae-*Eucinostomus* sp.	240
		Gobiidae	34
		Gobiidae-*Gobionellus boleosoma*	41
		Gobiidae-*Gobiosoma* sp.	6
		Mugilidae-*Mugil curema*	3[a]
		Sciaenidae	99
		Scombridae-*Scomberomorus* sp.	6
		Serranidae	6
		Synodontidae	69
		Unknowns	12
2/II/D	858	Carangidae-*Trachurus lathami*	15
		Exocoetidae-*Hirundichthys rondeleti*	6
		Exocoetidae	6
		Mugilidae-*Mugil curema*	58
		Scombridae-*Scomberomorus* sp.	6
		Unknowns	15

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
2/II/N	717	Bregmacerotidae-*Bregmaceros atlanticus*	8
		Carangidae-*Trachurus lathami*	142
		Clinidae	26
		Clupeidae	34
		Clupeidae-*Harengula jaguana*	175
		Engraulidae	183
		Engraulidae-*Anchoa hepsetus*	45
		Engraulidae-*Engraulis eurystole*	341
		Exocoetidae	114
		Exocoetidae-*Hirundichthys rondeleti*	38[a]
		Gerreidae-*Eucinostomus* sp.	18
		Gobiidae	34
		Gobiidae-*Gobiosoma bosci*	8
		Mugilidae-*Mugil* sp.	45
		Mugilidae-*Mugil curema*	118[a]
		Mullidae-*Mullus auratus*	83[a]
		Muraenidae-*Gymnothorax nigromarginatus*	40[a]
		Nomeidae-*Psenes cyanophrys*	8
		Sciaenidae	8
		Scombridae	53
		Scombridae-*Scomberomorus cavalla*	18
		Serranidae	8
		Synodontidae	18
		Tetraodontidae-*Sphoeroides* sp.	18
		Tetraodontidae-*Sphoeroides parvus*	61
		Unknowns	213[a]
3/II/D	4,503	Balistidae	6
		Carangidae-*Caranx latus*	13[a]
		Clupeidae	6
		Exocoetidae	165
		Exocoetidae-*Parexocoetus brachypterus*	3[a]
		Exocoetidae-*Hirundichthys rondeleti*	116
		Hemiramphidae-*Hemiramphus brasiliensis*	3[a]
		Hemiramphidae-*Hyporhampus unifasciatus*	33
		Mullidae-*Mullus auratus*	142
		Synodontidae	8[a]
		Unknowns	16
3/II/N	19	Antennariidae-*Histrio histrio*	13[b]
		Balistidae-*Balistes capriscus*	21[b]
		Bothidae	8[b]
		Carangidae-*Caranx latus*	60[b]
		Carangidae-*Trachurus lathami*	28[b]
		Coryphaenidae-*Coryphaena* sp.	17[b]
		Exocoetidae	19[b]
		Exocoetidae-*Cypselurus furcatus*	17[b]
		Exocoetidae-*Exocoetus obtusirostris*	9[b]
		Exocoetidae-*Hirundichthys rondeleti*	26[b]

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Gerreidae-*Eucinostomus* sp.	220[b]
		Gobiidae	19[b]
		Istiophoridae-*Istiophorus platypterus*	4[b]
		Nomeidae-*Psenes cyanophrys*	13[b]
		Scombridae	8[b]
		Syngnathidae-*Syngnathus louisianae*	4[b]
		Syngnathidae-*Syngnathus pelagicus*	4[b]
		Synodontidae	19[b]
		Synodontidae-*Saurida* sp.	17[b]
		Unknowns	81[b]
1/III/D	13,058	Blennidae	6
		Clupeidae	12
		Clupeidae-*Harengula jaguana*	19[a]
		Engraulidae	11[a]
		Engraulidae-*Anchoa hepsetus*	823[a]
		Exocoetidae	105[a]
		Exocoetidae-*Hirundichthys rondeleti*	31[a]
		Gerreidae-*Eucinostomus* sp.	6
		Hemiramphidae-*Hyporhamphus unifasciatus*	3[a]
		Mullidae-*Mullus auratus*	3[a]
		Synodontidae	3[a]
		Tetraodontidae-*Sphoeroides parvus*	3[a]
		Unknowns	3[a]
1/III/N	30,202	Blennidae	6
		Clupeidae	44
		Clupeidae-*Harengula jaguana*	59[a]
		Exocoetidae-*Hirundichthys rondeleti*	16
		Gerreidae-*Eucinostomus* sp.	193[a]
		Ostraciidae-*Lactophrys* sp.	3[a]
		Polynemidae-*Polydactylus octonemus*	3[a]
		Scombridae	6
		Serranidae	16
		Unknowns	34
2/III/D	43	Ariommidae-*Ariomma bondi*	2[a]
		Carangidae-*Trachinotus carolinus*	7[a]
		Exocoetidae-*Parexocoetus brachypterus*	4
		Exocoetidae-*Hirundichthys rondeleti*	7[a]
		Mugilidae-*Mugil curema*	2[a]
		Mullidae-*Mullus auratus*	7[a]
		Nettastomatidae-*Hoplunnis* sp.	2[a]
		Syngnathidae-*Hippocampus erectus*	2[a]
		Tetraodontidae-*Sphoeroides* sp.	14[a]
		Unknowns	18
2/III/N	87	Bothidae	10
		Bothidae-*Etropus* sp.	34
		Carangidae-*Caranx latus*	5[a]

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Carangidae-Trachinotus carolinus	4
		Clupeidae	14
		Clupeidae-Harengula jaguana	574
		Coryphaenidae-Coryphaena sp.	4
		Coryphaenidae-Coryphaena equisetis	2[a]
		Coryphaenidae-Coryphaena hippurus	2[a]
		Engraulidae-Anchoa hepsetus	10
		Exocoetidae	7[a]
		Exocoetidae-Hirundichthys rondeleti	26[a]
		Exocoetidae-Parexocoetus brachypterus	2[a]
		Exocoetidae-Prognichthys gibbifrons	2[a]
		Gerreidae-Eucinostomus sp.	195
		Gobiidae	34
		Gobiidae-Gobionellus boleosoma	4
		Gobiidae-Gobiosoma robustum	10
		Mugilidae-Mugil curema	54[a]
		Mullidae-Mullus auratus	5[a]
		Ophidiidae	10
		Scombridae	10
		Scombridae-Scomberomorus cavalla	4
		Synodontidae	20
		Synodontidae-Synodus foetens	2[a]
		Tetraodontidae-Sphoeroides sp.	10
		Unknowns	4
3/III/D	3,685	Antennariidae-Antennarius scaber	5[a]
		Balistidae-Balistes capriscus	5[a]
		Clupeidae-Harengula jaguana	11
		Mullidae-Mullus auratus	53
		Unknowns	7
3/III/N	3,153	Carangidae-Caranx sp.	6[a]
		Carangidae-Trachinotus carolinus	6
		Clupeidae	200[a]
		Clupeidae-Harengula jaguana	57[a]
		Clupeidae-Opisthonema oglinum	2243
		Engraulidae	6
		Engraulidae-Anchoa hepsetus	48
		Exocoetidae	42[a]
		Exocoetidae-Hirundichthys rondeleti	66[a]
		Exocoetidae-Parexocoetus brachypterus	9[a]
		Gerreidae-Eucinostomus sp.	383
		Mugilidae-Mugil curema	15[a]
		Mullidae-Mullus auratus	6[a]
		Muraenidae-Gymnothorax nigromarginatus	6[a]
		Scombridae	6
		Scombridae-Scomberomorus cavalla	6
		Unknowns	161

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
1/IV/D	20,711	Carangidae-*Trachinotus carolinus*	2[a]
		Carangidae-*Trachurus lathami*	21
		Clupeidae	21
		Exocoetidae	271
		Gerreidae-*Eucinostomus* sp.	4
		Mullidae	63
		Tetraodontidae-*Sphoeroides* sp.	17[a]
1/IV/N	11,580	Belonidae-*Tylosurus crocodilus*	2[c]
		Bothidae	20[c]
		Bothidae-*Etropus* sp.	2[c]
		Carangidae-*Trachurus lathami*	7[c]
		Clupeidae	27[c]
		Clupeidae-*Harengula jaguana*	30[c]
		Engraulidae	24[c]
		Engraulidae-*Anchoa hepsetus*	18[c]
		Gerreidae-*Eucinostomus* sp.	27[c]
		Myctophidae	3[c]
		Sciaenidae-*Menticirrhus* sp.	17[c]
		Scombridae-*Scomberomorus* sp.	17[c]
		Scombridae-*Scomberomorus cavalla*	17[c]
		Scombridae-*Scomberomorus maculatus*	17[c]
		Unknowns	67[c]
2/IV/D	271	Exocoetidae	133
		Exocoetidae-*Hirundichthys rondeleti*	2[a]
		Mullidae	92
		Mullidae-*Mullus auratus*	185[a]
		Unknowns	5
2/IV/N	2,319	Clupeidae	4
		Clupeidae-*Harengula jaguana*	103
		Engraulidae	36
		Engraulidae-*Anchoa hepsetus*	13
		Exocoetidae	4
		Gerreidae-*Eucinostomus* sp.	22
		Mugilidae-*Mugil curema*	2[a]
		Mullidae-*Mullus auratus*	7[a]
		Muraenidae-*Gymnothorax nigromarginatus*	2[a]
3/IV/D	1,805	Engraulidae	38
		Exocoetidae	72
		Exocoetidae-*Hirundichthys rondeleti*	13
		Mullidae-*Mullus auratus*	117
		Tetraodontidae-*Sphoeroides* sp.	6
3/IV/N	1,048	Carangidae-*Caranx latus*	3[a]
		Clupeidae	226
		Clupeidae-*Harengula jaguana*	895
		Coryphaenidae-*Coryphaena equisetis*	5[a]
		Engraulidae-*Anchoa hepsetus*	10
		Exocoetidae	10

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Exocoetidae-Hirundichthys rondeleti	13[a]
		Exocoetidae-Oxyporhamphus micropterus	3[a]
		Gerreidae-Eucinostomus sp.	26
		Mullidae-Mullus auratus	144[a]
		Scombridae	6
		Unknowns	26
JULY:			
1/II/D	644	Antennariidae-Histrio histrio	3[a]
		Balistidae-Balistes capriscus	3[a]
		Bothidae-Etropus sp.	6
		Carangidae-Trachinotus carolinus	10
		Clupeidae	10
		Clupeidae-Harengula jaguana	89[a]
		Gerreidae-Eucinostomus sp.	22[a]
		Mullidae-Mullus auratus	27
		Pomacentridae-Pomacentrus fuscus	3[a]
		Tetraodontidae-Sphoeroides sp.	24[a]
1/II/N	9,374	Bothidae-Etropus sp.	7
		Carangidae-Trachurus lathami	27
		Clupeidae-Harengula jaguana	28[a]
		Engraulidae-Engraulis eurystole	12[a]
		Gerreidae-Eucinostomus sp.	3[a]
		Unknowns	27
2/II/D	1,145	Antennariidae-Antennarius sp.	5
		Antennariidae-Histrio histrio	2[a]
		Carangidae-Trachinotus carolinus	5
		Carangidae-Trachinotus lathami	5
		Exocoetidae-Hirundichthys rondeleti	7[a]
		Mullidae-Mullus auratus	5
		Syngnathidae-Hippocampus erectus	2[a]
		Unknowns	34
2/II/N	3,495	Bothidae	6
		Clupeidae	1621
		Clupeidae-Harengula jaguana	2826
		Cynoglossidae-Symphurus civitatus	6
		Engraulidae	16
		Engraulidae-Engraulis eurystole	28
		Exocoetidae	28[a]
		Exocoetidae-Hirundichthys rondeleti	19[a]
		Exocoetidae-Parexocoetus brachypterus	8[a]
		Gerreidae-Eucinostomus sp.	191
		Muraenidae-Gymnothorax nigromarginatus	3[a]
		Synodontidae	61
		Unknowns	51
3/II/D	6,312	UNKNOWNS	8

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
3/II/N	591	Clupeidae	21
		Exocoetidae	7[a]
		Exocoetidae-*Hirundichthys rondeleti*	7[a]
		Gerreidae-*Eucinostomus* sp.	32
		Unknowns	2
AUGUST:			
1/II/D	130	Carangidae-*Trachinotus* sp.	2[a]
		Carangidae-*Trachurus lathami*	10
		Clupeidae-*Harengula jaguana*	24
		Engraulidae-*Anchoa hepsetus*	4
		Exocoetidae	4
		Hemiramphidae-*Hyporhamphus unifasciatus*	4
		Unknowns	4
1/II/N	11,392	Belonidae-*Ablennes hians*	2[a]
		Bothidae	128
		Carangidae-*Trachurus lathami*	320
		Clupeidae-*Harengula jaguana*	128
		Engraulidae	320
		Exocoetidae	2[a]
		Exocoetidae-*Parexocoetus brachypterus*	9[a]
		Ophidiidae	128
		Sciaenidae-*Cynoscion* sp.	2880
		Sciaenidae-*Menticirrhus* sp.	448
2/II/D	4,030	Carangidae-*Caranx* sp.	2[a]
		Carangidae-*Trachinotus carolinus*	4
		Clupeidae	4
		Clupeidae-*Harengula jaguana*	79
		Hemiramphidae	4
		Istiophoridae-*Istiophorus platypterus*	4
		Monacanthidae-*Monacanthus hispidus*	2[a]
2/II/N	5,196	Balistidae-*Canthidermis maculatus*	3[a]
		Clupeidae	6
		Clupeidae-*Harengula jaguana*	250
		Engraulidae	490
		Engraulidae-*Anchoa hepsetus*	12
		Exocoetidae-*Hirundichthys rondeleti*	3[a]
		Exocoetidae-*Parexocoetus brachypterus*	6[a]
		Gerreidae-*Eucinostomus* sp.	6
		Microdesmidae-*Microdesmus* sp.	24
		Sciaenidae	18
		Sciaenidae-*Menticirrhus* sp.	6
		Trichiuridae-*Trichiurus lepturus*	6
		Unknowns	24

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
3/II/D	1,159	Carangidae-*Trachurus lathami*	7
		Engraulidae-*Anchoa hepsetus*	7
		Engraulidae-*Engraulis eurystole*	7
		Gerreidae-*Eucinostomus* sp.	7
		Unknowns	39
3/II/N	477	Bothidae	6
		Carangidae-*Trachurus lathami*	6
		Clupeidae	458
		Clupeidae-*Harengula jaguana*	1728
		Clupeidae-*Opisthonema oglinum*	6
		Engraulidae	279
		Engraulidae-*Anchoa hepsetus*	105
		Engraulidae-*Engraulis eurystole*	140
		Exocoetidae	41
		Gerreidae-*Eucinostomus* sp.	80
		Microdesmidae-*Microdesmus* sp.	58
		Ophichthidae-*Ophichthus* sp.	3
		Sciaenidae-*Menticirrhus* sp.	47
		Scombridae-*Scomberomorus cavalla*	6
		Serranidae	58
		Synodontidae	16
		Unknowns	793
FALL:			
1/I/D	542	NONE	
1/I/N	1,010	Bothidae	26
		Carangidae-*Trachurus lathami*	16
		Clupeidae-*Harengula jaguana*	47
		Cynoglossidae	10
		Cynoglossidae-*Symphurus civitatus*	4
		Engraulidae-*Anchoa hepsetus*	10
		Engraulidae-*Engraulis eurystole*	286
		Exocoetidae-*Parexocoetus brachypterus*	8[a]
		Gerreidae-*Eucinostomus* sp.	4
		Hemiramphidae	4
		Rachycentridae-*Rachycentron canadum*	2[a]
		Sciaenidae	215
		Sciaenidae-*Cynoscion* sp.	10
		Sciaenidae-*Menticirrhus* sp.	47
		Synodontidae	16
		Synodontidae-*Saurida* sp.	4
		Unknowns	158
2/I/D	7,217	Cynoglossidae-*Symphurus civitatus*	6
		Engraulidae-*Anchoa hepsetus*	17
		Unknowns	6

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
2/I/N	236	Bothidae	73
		Bregmacerotidae-*Bregmaceros atlanticus*	37
		Carangidae-*Trachurus lathami*	18
		Clupeidae-*Opisthonema oglinum*	4
		Engraulidae-*Engraulis eurystole*	4
		Exocoetidae-*Cypselurus cyanopterus*	7[a]
		Exocoetidae-*Parexocoetus brachypterus*	22[a]
		Gerreidae-*Eucinostomus* sp.	59
		Gobiidae	59
		Gobiidae-*Gobionellus* sp.	18
		Hemiramphidae-*Euleptorhamphus velox*	4[a]
		Ophidiidae	258
		Sciaenidae	91
		Sciaenidae-*Cynoscion* sp.	132
		Sciaenidae-*Menticirrhus* sp.	41
		Synodontidae	4
		Trichiuridae-*Trichiurus lepturus*	4
		Unknowns	295
3/I/D	860	Balistidae-*Canthidermis maculatus*	2[a]
		Engraulidae-*Engraulis eurystole*	4
		Gerreidae-*Eucinostomus* sp.	15
		Mullidae	4
		Nomeidae-*Nomeus gronovii*	4
3/I/N	341	Balistidae-*Canthidermis maculatus*	6
		Coryphaenidae	1[a]
		Coryphaenidae-*Coryphaena equisetis*	1[a]
		Exocoetidae	2
		Exocoetidae-*Cypselurus* sp.	6
		Exocoetidae-*Cypselurus exsiliens*	1[a]
		Exocoetidae-*Cypselurus furcatus*	3[a]
		Exocoetidae-*Parexocoetus brachypterus*	1[a]
		Exocoetidae-*Prognichthys gibbifrons*	3[a]
		Gobiidae	2
		Lobotidae-*Lobotes surinamensis*	1[a]
		Mugilidae-*Mugil curema*	3[a]
		Unknown	2
1/II/D	685	Balistidae-*Canthidermis maculatus*	6[a]
		Exocoetidae	12
		Gobiidae	6
1/II/N	383	Bothidae	11
		Exocoetidae-*Cypselurus cyanopterus*	11[a]
		Gobiidae	273
		Rachycentridae-*Rachycentron canadum*	3[a]
		Sciaenidae	83
		Sciaenidae-*Menticirrhus* sp.	17
		Scorpaenidae-*Scorpaena* sp.	8[a]
		Unknowns	36

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
2/II/D	135	Coryphaenidae-*Coryphaena hippurus*	2[a]
		Exocoetidae	10[a]
		Hemiramphidae	16
		Hemiramphidae-*Hyporhamphus unifasciatus*	5
		Monacanthidae-*Monacanthus hispidus*	2[a]
		Mugilidae-*Mugil curema*	7
		Mullidae	11
		Pomadasyidae-*Conodon nobilis*	2[a]
2/II/N	80	Bothidae	43
		Carangidae-*Trachurus lathami*	10
		Exocoetidae	14
		Exocoetidae-*Cypselurus* sp.	2[a]
		Exocoetidae-*Cypselurus cyanopterus*	2[a]
		Exocoetidae-*Parexocoetus brachypterus*	169[a]
		Exocoetidae-*Prognichthys gibbifrons*	2[a]
		Gobiidae	588
		Mugilidae-*Mugil curema*	2[a]
		Sciaenidae	29
		Scombridae-*Auxis* sp.	4
		Trichiuridae-*Trichiurus lepturus*	4
		Unknowns	469
3/II/D	35	Balistidae-*Canthidermis maculatus*	4
		Bothidae	4
		Bothidae-*Etropus crossotus*	2[a]
		Engraulidae	155
		Gerreidae-*Eucinostomus* sp.	10
		Unknowns-Leptocephalus larvae	113
		Unknowns	7
3/II/N	334	Balistidae-*Canthidermis maculatus*	9[a]
		Engraulidae-*Engraulis eurystole*	11
		Exocoetidae-*Hirundichthys rondeleti*	5[a]
		Gobiidae	5
		Hemiramphidae-*Hemiramphus brasiliensis*	5[a]
		Scorpaenidae	2[a]
		Unknowns	21
1/III/D	668	Carangidae-*Caranx* sp.	2[a]
		Carangidae-*Chloroscombrus chrysurus*	19[a]
		Carangidae-*Trachinotus falcatus*	2[a]
		Clupeidae-*Harengula jaguana*	8
		Engraulidae-*Engraulis eurystole*	2[a]
		Exocoetidae	20
1/III/N	1,796	Belonidae	6
		Bothidae	36
		Carangidae-*Trachurus lathami*	486
		Clupeidae	6
		Clupeidae-*Harengula jaguana*	19[a]
		Engraulidae	62

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Engraulidae-Anchoa hepsetus	44
		Engraulidae-Engraulis eurystole	6
		Gobiidae	6
		Gobiidae-Gobionellus sp.	6
		Gobiidae-Gobiosoma sp.	6
		Sciaenidae	107
		Sciaenidae-Cynoscion sp.	77
		Sciaenidae-Menticirrhus sp.	94
		Scombridae-Scomberomorus maculatus	6
		Unknowns-Leptocephalus larvae	11
		Unknown	90
2/III/D	132	Bothidae	6
		Carangidae	6
		Carangidae-Trachurus lathami	6
		Engraulidae	6
		Engraulidae-Engraulis eurystole	6
		Exocoetidae	21
2/III/N	219	Belonidae-Ablennes hians	3[a]
		Carangidae-Trachurus lathami	21
		Clupeidae-Harengula jaguana	972
		Engraulidae	21
		Engraulidae-Anchoa hepsetus	6
		Exocoetidae-Cypselurus furcatus	10[a]
		Exocoetidae-Parexocoetus brachypterus	16[a]
		Gerreidae-Eucinostomus sp.	39
		Gobiidae	6
		Mugilidae-Mugil curema	27
		Sciaenidae	83
		Sciaenidae-Cynoscion sp.	6
		Sciaenidae-Menticirrhus sp.	6
		Unknowns	6
3/III/D	472	Exocoetidae	5
		Unknowns	5
3/III/N	0	Bothidae	16
		Carangidae-Trachurus lathami	4
		Clupeidae	38
		Clupeidae-Harengula jaguana	351
		Clupeidae-Opisthonema oglinum	20
		Engraulidae-Anchoa hepsetus	30
		Engraulidae-Engraulis eurystole	38
		Exocoetidae-Cypselurus sp.	2[a]
		Exocoetidae-Cypselurus cyanopterus	2[a]
		Exocoetidae-Parexocoetus brachypterus	2[a]
		Gerreidae-Eucinostomus sp.	74
		Gobiidae	130
		Mugilidae-Mugil curema	10
		Sciaenidae	10

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Scombridae-Scomberomorus cavalla	4
		Synodontidae	16
		Synodontidae-Synodus sp.	2[a]
		Unknowns	41
1/IV/D	96	Clupeidae	8
		Engraulidae-Engraulis eurystole	8
		Exocoetidae	29
		Exocoetidae-Parexocoetus brachypterus	8
1/IV/N	1257	Bothidae	76
		Bothidae-Etropus sp.	25
		Carangidae-Trachinotus carolinus	3[a]
		Carangidae-Trachurus lathami	6
		Clupeidae	19
		Clupeidae-Harengula jaguana	146[a]
		Clupeidae-Sardinella sp.	6
		Engraulidae	6
		Engraulidae-Engraulis eurystole	51
		Gobiidae	795
		Gobiidae-Gobionellus sp.	12
		Gobiidae-Gobiosoma sp.	39
		Microdesmidae-Microdesmus sp.	102
		Ophiidae	45
		Sciaenidae	6
		Sciaenidae-Menticirrhus sp.	6
		Serranidae	19
		Unknowns	90
2/IV/D	135	Balistidae-Canthidermis maculatus	2[a]
		Bothidae	5
		Clupeidae	5
		Engraulidae-Anchoa hepsetus	5
		Engraulidae-Engraulis eurystole	36[a]
		Exocoetidae	69[a]
		Hemiramphidae-Hemiramphus brasiliensis	12[a]
		Mugilidae-Mugil curema	4[a]
2/IV/N	35	Bothidae	23
		Carangidae-Trachurus lathami	6
		Clupeidae-Harengula jaguana	177
		Cynoglossidae-Symphurus civitatus	10
		Engraulidae	62
		Engraulidae-Engraulis eurystole	35
		Exocoetidae-Cypselurus heterurus	3[a]
		Exocoetidae-Parexocoetus brachypterus	28[a]
		Gerreidae-Eucinostomus sp.	120
		Gobiidae	97
		Mugilidae-Mugil curema	14[a]
		Sciaenidae	6

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Scombridae-*Auxis* sp.	3[a]
		Serranidae	35
		Synodontidae-*Saurida brasiliensis*	3[a]
		Unknowns	107
3/IV/D	668	Antennariidae-*Antennarius* sp.	3[a]
		Exocoetidae	64
		Mugilidae-*Mugil cephalus*	3[a]
3/IV/N	232	Balistidae-*Balistes capriscus*	3[a]
		Balistidae-*Canthidermis maculatus*	6
		Bothidae	23
		Clupeidae-*Harengula jaguana*	40
		Engraulidae	23
		Engraulidae-*Anchoa hepsetus*	51
		Engraulidae-*Engraulis eurystole*	75
		Exocoetidae-*Parexocoetus brachypterus*	11[a]
		Gerreidae-*Eucinostomus* sp.	58
		Mugilidae-*Mugil curema*	17
		Unknowns	23
NOVEMBER:			
1/II/D	455	Bothidae	8
		Clupeidae	211
		Clupeidae-*Brevoortia patronus*	708[a]
		Engraulidae	8
		Engraulidae-*Anchoa hepsetus*	28[a]
		Engraulidae-*Engraulis eurystole*	55[a]
		Gerreidae-*Eucinostomus* sp.	34
		Unknowns	17
1/II/N	77	Belonidae-*Strongylura marina*	4[a]
		Bothidae-*Etropus* sp.	5
		Bregmacerotidae-*Bregmaceros atlanticus*	5
		Clupeidae	164
		Clupeidae-*Brevoortia patronus*	14
		Engraulidae-*Engraulis eurystole*	2[a]
		Microdesmidae-*Microdesmus* sp.	5
		Ophidiidae	5
		Sciaenidae	18
		Unknowns	46
2/II/D	1057	Bothidae	6
		Bothidae-*Etropus* sp.	17
		Cynoglossidae-*Symphurus civitatus*	6
		Exocoetidae	6
		Gobiidae	17
		Sciaenidae	41
		Stromateidae	6
		Unknowns-Leptocephalus larvae	6
		Unknowns	6

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
2/II/N	820	Bothidae-*Etropus* sp.	25
		Clupeidae-*Brevoortia patronus*	36
		Gobiidae	5
		Mugilidae-*Mugil cephalus*	2[a]
		Ophidiidae-*Ophidion* sp.	41
		Sciaenidae	102
		Unknowns	36
3/II/D	118	Bothidae-*Etropus* sp.	8
		Engraulidae-*Anchoa hepsetus*	4[a]
		Mullidae-*Mullus* sp.	8
3/II/N	61	Engraulidae-*Engraulis eurystole*	3[a]
		Gobiidae	110
		Gobiidae-*Gobionellus* sp.	153
		Sciaenidae	18
		Unknowns	12
DECEMBER			
1/II/D	0	Clupeidae-*Brevoortia patronus*	84[a]
		Engraulidae-*Anchoa hepsetus*	2[a]
		Engraulidae-*Engraulis eurystole*	4[a]
		Gerreidae-*Eucinostomus* sp.	16
		Mugilidae-*Mugil cephalus*	6[a]
1/II/N	16	Atherinidae-*Membras martinica*	2[a]
		Belonidae-*Strongylura notata*	2[a]
		Bothidae-*Paralichthys* sp.	11
		Clupeidae	11
		Clupeidae-*Brevoortia patronus*	261
		Engraulidae-*Anchoa* sp.	2[a]
		Engraulidae-*Engraulis eurystole*	2[a]
		Mugilidae-*Mugil cephalus*	2[a]
		Sciaenidae-*Leiostomus xanthuras*	22
		Unknowns	33
2/II/D	499	Bothidae-*Etropus crossotus*	14
		Clupeidae-*Brevoortia patronus*	7
		Engraulidae-*Anchoa hepsetus*	7
		Exocoetidae	7
		Gadidae-*Urophycis* sp.	82
		Mugilidae-*Mugil cephalus*	1271[a]
		Unknowns-Leptocephalus larvae	10
		Unknowns	41
2/II/N	465	Bothidae-*Etropus crossotus*	8
		Bothidae-*Paralichthys* sp.	47
		Bregmacerotidae-*Bregmaceros atlanticus*	8
		Clupeidae	142
		Clupeidae-*Brevoortia patronus*	134
		Gadidae-*Urophycis* sp.	8

TABLE 4 CONT.'D

SAMPLE	NUMBER OF EGGS/1000m^3	LARVAE	NUMBER OF LARVAE/1000m^3
		Gobiidae	32
		Mugilidae-*Mugil cephalus*	4[a]
		Sciaenidae	410
		Sciaenidae-*Leiostomus xanthurus*	189
		Sciaenidae-*Micropogon undulatus*	512
		Unknowns-Leptocephalus larvae	16
		Unknowns	268
3/II/D	398	Exocoetidae-*Hirundichthys rondeleti*	6
		Gadidae-*Urophycis* sp.	549[a]
		Mugilidae-*Mugil cephalus*	3985[a]
		Unknowns	274
3/II/N	227	Bothidae	8
		Bothidae-*Paralichthys* sp.	8
		Clupeidae	8
		Clupeidae-*Brevoortia patronus*	70
		Gadidae-*Urophycis* sp.	8
		Gobiidae	141
		Gobiidae-*Gobiosoma* sp.	62
		Mugilidae	39
		Mugilidae-*Mugil cephalus*	156
		Sciaenidae	78
		Sciaenidae-*Leiostomus xanthurus*	62
		Sciaenidae-*Micropogon undulatus*	109
		Unknowns-Leptocephalus larvae	16
		Unknowns	8

[a] Indicates species also found in Large Fraction

[b] Readings questionable since sargassum weed on meter

[c] Readings questionable due to broken cable

APPENDIX F

MEIOFAUNA

List of Tables

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TABLE 1

MONTHLY SAMPLES

COUNTS OF MEIOFAUNA PER REPLICATE CORES - MARCH TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	JUB	JUC	JVA	JVB	JVV	JVW	JWX	JMY	JXU	JXV	JYR	JYS	Total	Mean
Nematoda	68	24	31	30	73	92	3	6	25	53	8	20	433	39.3*
Harpacticoida	1				2	8			1	2			14	1.3*
Kinorhyncha			1			2			1	1			5	0.5*
Ostracoda			1			1							2	0.2*
Halacaridae														
Nauplii						1							1	0.1*
Turbellaria						2							2	0.2*
True Other								1					1	0.1*
True Meio.Total	69	24	33	30	75	106	3	7	27	56	8	20		
Mean True Meio.	50.6*		34.3*		98.5*		5.4*		45.2*		15.2*			
Foraminifera	8	6	1	1	59	11	1	4	10	7	1	2	111	10.1*
Protozoa														
Polychaeta	3			2		36		2		5	2	1	51	4.6*
Bivalvia						1							1	0.1*
Gastropoda														
Peracarid Crust						1							1	0.1*
Temporary Others														
Total	80	30	34	33	134	155	4	13	37	68	11	23		
Mean Total	59.9*		36.5*		157.3*		9.3*		57.1*		18.5*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 1. CONT.'D

MONTHLY SAMPLES

COUNTS OF MEIOFAUNA PER REPLICATE CORES - APRIL TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	KMK	KML	KNL	KNM	KOJ	KOK	KPI	KPJ	KQG	KQH	KRE	KRF	Total	Mean
Nematoda	28	32	27	46	11	98	28	21	5	3	50	73	422	38.3*
Harpacticoida	1				2	1					2	2	8	0.7*
Kinorhyncha			1			2						4	7	0.6*
Ostracoda														
Halacaridae														
Nauplii														
Turbellaria														
True Other														
True Meio.Total	29	32	28	46	13	101	28	21	5	3	52	79		
Mean True Meio.	33.2*		40.3*		62.0*		26.7*		4.4*		71.3*			
Foraminifera								8		1	2	10	21	1.9*
Protozoa														
Polychaeta	1					2		2			2	4	11	1.0*
Bivalvia														
Gastropoda														
Peracarid Crust					1								1	0.1*
Temporary Other														
Total	30	32	28	46	14	103	28	31	5	4	56	93		
Mean Total	33.7*		40.3*		63.7*		32.1*		4.9*		81.1*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 1. CONT.'D

MONTHLY SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORE - JULY TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	OIL	OIM	OLS	OLT	OJM	OJN	OMP	OMQ	ONQ	ONR	OKR	OKS	Total	Mean
Nematoda	40	116	524	355	87	165	47	38	152	84	21	87	1716	155.7*
Harpacticoida			15	3	9	9			7	15		1	59	5.4*
Kinorhyncha		2	7	14		5			2				30	2.7*
Ostracoda										3		1	4	0.4*
Halacaridae														
Nauplii		1	3		1	1						1	7	0.6*
Turbellaria						1						1	2	0.2*
True Other							1					1	2	0.2*
True Meio.Total	40	119	549	372	97	181	48	38	161	102	21	92		
Mean True Meio.	86.5*		501.3*		151.3*		46.8*		143.1*		61.5*			
Foraminifera			247	461	60	44	11	5	29	20	3	2	882	80.0*
Protozoa			4	3		3							10	0.9*
Polychaeta	1	8	13	13	10	15	4	1	8	15	3	8	99	9.0*
Bivalvia	1	2			1								4	0.4*
Gastropoda														
Peracarid Crust									1			1	2	0.2*
Temp. Other														
Total	42	129	813	849	168	243	63	44	199	137	27	103		
Mean	93.1*		904.6*		223.7*		58.2*		182.9*		70.8*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 1. CONT.'D

MONTHLY SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - AUGUST TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	OUO	OUP	OXR	OXS	OVP	OVQ	OYQ	OYR	OZP	OZQ	OWQ	OWR	Total	Mean
Nematoda	202	339	121	109	122	103	34	80	10	30	18	25	1193	108.2*
Harpacticoida	18	43	7	2	5	9		4		1			89	8.1*
Kinorhyncha	4	13	2										19	1.7*
Ostracoda														
Halacaridae														
Nauplii	4	28	3	3				1	4			1	44	4.0*
Turbellaria														
True Other														
True Meio.Total	228	423	133	114	127	112	34	85	14	31	18	26		
Mean True Meio.	354.3*		134.4*		130.1*		64.8*		24.5*		23.9*			
Foraminifera	133	231	71	182	48	68	1	30	3	4	7	5	783	71.0*
Protozoa	1												1	0.1*
Polychaeta	8	6	4	5	3	11		7		1			45	4.1*
Bivalvia		1	1			1							3	0.3*
Gastropoda														
Peracarid Crust														
Temp. Other														
Total	370	661	209	301	178	192	35	122	17	36	25	31		
Mean	561.2*		277.6*		201.4*		85.5*		28.8*		30.5*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 1. CONT.'D

MONTHLY SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - NOVEMBER TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	VAU	VAV	VEP	VEQ	VCB	VCC	VFU	VFV	VGZ	VHA	VDI	VDJ	Total	Mean
Nematoda	194	516	80	178	4	6	29	32	86	50	35	44	1254	113.8*
Harpacticoida	17	162	2	4	1		1	1	6	3		1	198	18.0*
Kinorhyncha	1	11							1				13	1.2*
Ostracoda														
Halacaridae														
Nauplii	4	67	1	1					2				75	6.8*
Turbellaria														
True Other												1	1	0.1*
True Meio.Total	216	756	83	183	5	6	30	33	95	53	35	46		
Mean True Meio.	529.0*		144.8*		6.0*		34.3*		80.6*		44.1*			
Foraminifera	1	139	6	14	12	32			8	1	6	8	227	20.6*
Protozoa									1				1	0.1*
Polychaeta	4	17	11	2			1	1	13		2		51	4.6*
Bivalvia		7							1		1		9	0.8*
Gastropoda														
Peracarid Crust														
Temp. Other														
Total	221	919	51	199	17	38	31	34	118	54	44	54		
Mean	620.5*		136.1*		29.9*		35.4*		93.6*		53.3*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 1. CONT.'D

MONTHLY SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - DECEMBER TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	VYR	VYS	WCS	WCT	WAE	WAF	WDX	WDY	WFC	WFD	WBL	WBM	Total	Mean
Nematoda	62	55	76	201	69	177	29	28	51	38	38	25	849	77.0*
Harpacticoida	3	1		5	1	12	1		6	3	6	1	39	3.5*
Kinorhyncha						1							1	0.1*
Ostracoda														
Halacaridae								1					1	0.1*
Nauplii			1		2	5	1		4		4		17	1.5*
Turbellaria						1							1	0.1*
True Other						1							1	0.1*
True Meio.Total	65	56	77	206	72	197	31	29	61	41	48	26		
Mean True Meio.	65.9*		154.0*		146.4*		32.7*		55.5*		40.3*			
Foraminifera	31	110	30	66	103	160	11	18	13	7	17	13	579	52.5*
Protozoa						1							1	0.1*
Polychaeta	1	2	2	4	3	9	9		2	3	1	2	38	3.4*
Bivalvia												1	1	0.1*
Gastropoda				1									1	0.1*
Peracarid Crust					1								1	0.1*
Temp. Other														
Total	97	168	109	277	179	367	51	47	76	51	66	42		
Mean	144.2*		210.1*		297.2*		53.3*		69.1*		58.8*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - WINTER TRANSECT I

STATION NUMBER	4		1		2		5		6		3			
TAXA	HFI	HFJ	HBG	HBH	HCT	HCU	HGJ	HGK	HHK	HHL	HEC	HED	Total	Mean
Nematoda	529	933	300	532	77	55	46	32	43	10	14	10	2581	234.1*
Harpacticoida	17	13	7	18									55	5.0*
Kinorhyncha	2	2	1	2									7	0.6*
Ostracoda								2			2		4	0.4*
Halacaridae														
Nauplii	4	9											13	1.2*
Turbellaria	1												1	0.1*
True Others														
True Meio. Total	553	957	308	552	77	55	46	34	43	10	16	10		
Mean True Meio.	821.9*		468.1*		71.8*		43.5*		28.8*		14.2*			
Foraminifera	50	10		3	6	8	23	15	29	18	38	20	220	20.0*
Protozoa				1		5							6	0.5*
Polychaeta	4	18	1	1	2	1			1				28	2.5*
Bivalvia	6	9										1	16	1.5*
Gastropoda														
Peracarid Crust				1	1								2	0.2*
Temporary Others														
Total	613	994	309	558	86	69	69	49	73	28	54	31		
Mean	874.7*		471.9*		84.4*		64.2*		55.0*		46.3*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - WINTER TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	HIZ	HJA	HNC	HND	HKM	HKN	HOM	HON	HPR	HPS	HLW	HLX	Total	Mean
Nematoda	48	38	4	38	84	30	11	12	41	29	16	19	379	33.6*
Harpacticoida	4	1		1		1			1	1			9	0.8*
Kinorhyncha														
Ostracoda														
Halacaridae														
Nauplii														
Turbellaria				1									1	0.1*
True Other														
True Meio. Total	52	39	4	40	84	31	11	12	42	30	16	19		
Mean True Meio.	49.5*		23.9*		62.6*		12.5*		39.2*		19.0*			
Foraminifera	3	8		1	1	1	1			2	1	1	19	1.7*
Protozoa														
Polychaeta		2	1		6	2					2	1	14	1.3*
Bivalvia														
Gastropoda				1				1					2	0.2*
Peracarid Crust		1											1	0.1*
Temporary Others														
Total	55	50	5	42	91	34	12	13	42	32	19	21		
Mean Total	57.1*		25.6*		68.0*		13.6*		40.3*		21.8*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - WINTER TRANSECT III

STATION NUMBER	4		1		5		2		3		6			
TAXA	IEE	IEF	HUE	HUF	IFP	IFQ	IAG	IAH	ICB	ICC	IHH	IHI	Total	Mean
Nematoda	342	521	104	160	366	149	28	25	9	21	14	25	1764	160.0*
Harpacticoida	57	50	13	9	28	12					1		170	15.4*
Kinorhyncha		2		1									3	0.3*
Ostracoda				1			1	2					4	0.4*
Halacaridae														
Nauplii														
Turbellaria					2								2	0.2*
True Other														
True Meio.Total	399	573	117	171	396	161	29	27	9	21	15	25		
Mean True Meio.	529.0*		156.8*		303.2*		30.5*		16.3*		21.8*			
Foraminifera	1		8	1	60		3	3				4	80	7.3*
Protozoa			3		2								5	0.5*
Polychaeta	7	6	10			3	1		1			2	30	2.7*
Bivalvia										2			2	0.2*
Gastropoda														
Peracarid Crust				5									5	0.5*
Temporary Other														
Total	407	579	138	177	458	164	33	30	10	23	15	31		
Mean Total	536.7*		171.4*		338.5*		34.3*		18.0*		25.0*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - WINTER TRANSECT IV

STATION NUMBER	4		1		5		2		6	
TAXA	IOT	IOU	IJB	IJC	IQL	IQM	ILG	ILH	ISC	ISD
Nematoda	706	928	705	460	121	133	74	140	157	162
Harpacticoida	14	9	21	21		2			7	12
Kinorhyncha			1							
Ostracoda			4	2			2			
Halacaridae										
Nauplii			2							3
Turbellaria										
True Other										
True Meio.Total	720	937	733	483	121	135	76	140	164	177
Mean True Meio	901.9*		661.8*		139.3*		117.6*		185.6*	
Foraminifera			77	19			36	5	66	57
Protozoa			4	7					1	
Polychaeta	8	7	59	39	7	1	1		6	10
Bivalvia			1						2	
Gastropoda										
Peracarid Crust		1	2	1						
Temp. Other										1
Total	728	945	876	549	128	136	113	145	239	245
Mean	910.6*		775.6*		143.7*		140.4*		263.4*	

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

WINTER - TRANSECT IV

STATION NUMBER	3		7			
TAXA	IMV	IMW	IUD	IUE	Total	Mean
Nematoda	45	45	60	59	3795	295.1*
Harpacticoida		1			87	6.7*
Kinorhyncha					1	0.1*
Ostracoda					8	0.7*
Halacaridae						
Nauplii					5	0.5*
Turbellaria						
True Other						
True Meio.Total	45	46	60	59		
Mean True Meio.	49.5*		64.8*			
Foraminifera		2			262	23.8*
Protozoa					12	1.1*
Polychaeta		2		1	141	11.0*
Bivalvia					3	0.3*
Gastropoda						
Peracarid Crust					4	0.4*
Temp. Other					1	0.1*
Total	45	50	60	60		
Mean	51.7*		65.3*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - SPRING TRANSECT I

STATION NUMBER	4		1		2		5		6		3			
TAXA	MDM	MDN	LXT	LXU	LZU	LZV	MFG	MFH	MHA	MHB	MBQ	MBR	Total	Mean
Nematoda	193	283	18	35	131	165	44	47	148	71	32	24	1191	108.0*
Harpacticoida	6	5						2	5	2	1		21	1.9*
Kinorhyncha	1												1	0.1*
Ostracoda	3												3	0.3*
Halacaridae	2						1						3	0.3*
Nauplii									2				2	0.2*
Turbellaria	1			1									2	0.2*
True Other														
True Meio.Total	206	288	18	36	131	165	45	49	155	73	33	24		
Mean True Meio.	268.9*		29.4*		161.1*		51.2*		124.1*		31.0*			
Foraminifera		23	46	46	78	111	4	6	5	19	5	4	347	31.5*
Protozoa				30					1				31	2.8*
Polychaeta	8	16	5	7	5	10			13	3	1	2	70	6.3*
Bivalvia	6	2		1									9	0.8*
Gastropoda	1												1	0.1*
Peracarid Crust														
Temp. Other														
Total	221	329	69	120	214	286	49	55	174	95	39	30		
Mean	299.4*		102.9*		272.1*		56.6*		146.4*		37.6*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - SPRING TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	MIT	MIU	MOR	MOS	MKU	MKV	MQJ	MQK	MSB	MSC	MMV	MMW	Total	Mean
Nematoda	33	43	13	183	24	135	20	63	16	15	15	8	568	51.5*
Harpacticoida						1		4	2				7	0.6*
Kinorhyncha						1							1	0.1*
Ostracoda			1									1	2	0.2*
Halacaridae														
Nauplii														
Turbellaria														
True Other														
True Meio.Total	33	43	14	183	24	137	20	67	18	15	15	9		
Mean True Meio.	41.4*		107.2*		87.6*		47.4*		18.0*		13.1*			
Foraminifera	7	6	110	46	19	57		2	6	5	4	23	285	25.9*
Protozoa			1			1		1		1			4	0.4*
Polychaeta		2	3	7	1	4	1	3		1		1	23	2.1*
Bivalvia												1	1	0.1*
Gastropoda														
Peracarid Crust														
Temp. Other														
Total	40	51	128	236	44	199	21	73	24	22	19	34		
Mean	49.5*		198.1*		132.3*		51.2*		25.0*		28.8*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - SPRING TRANSECT III

STATION NUMBER	4		1		5		2		3		6			
TAXA	NCP	NCQ	MWW	MWX	NEJ	NEK	MYW	MYX	NAT	NAU	NGB	NGC	Total	Mean
Nematoda	735	830	71	194	31	15	25	86	41	13	22	28	2091	189.7*
Harpacticoida	117	143	3	19			1	2	1		3	9	298	27.0*
Kinorhyncha	1	1	3	5									10	0.9*
Ostracoda	4	1							1	1		2	9	0.8*
Halacaridae	1	1							1			1	4	0.4*
Nauplii	43	105		8	2	4	2					1	165	15.0*
Turbellaria	1	1											2	0.2*
True Other														
True Meio.Total	902	1082	77	226	33	19	28	88	44	14	25	41		
Mean True Meio.	1079.9*		164.9*		28.3*		63.1*		31.6*		35.9*			
Foraminifera	117	78	34	32	7	8	17	4	25		9	7	338	30.7*
Protozoa	6	2							1				9	0.8*
Polychaeta	40	44		15	2	2			5		4	7	119	10.8*
Bivalvia	17								1				18	1.6*
Gastropoda														
Peracarid Crust														
Temp Other														
Total	1082	1206	111	273	42	29	45	92	76	14	38	55		
Mean	1245.3*		209.0*		38.6*		74.6*		49.0*		50.6*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - SPRING TRANSECT IV

STATION NUMBER	4		1		5		2		6	
TAXA	NNM	NNN	NHT	NHU	NPE	NPF	NJT	NJU	NQW	NQX
Nematoda	683	663	706	489	178	59	65	109	30	138
Harpacticoida	48	86	3	1	1		2		1	1
Kinorhyncha		1	3	1				1		
Ostracoda	3	45		1						
Halacaridae		1				1				1
Nauplii	6	6	5	1						1
Turbellaria		1			1			1		
True Other										
True Meio.Total	740	803	717	493	180	60	67	111	31	141
Mean True Meio.	839.8*		658.6*		130.6*		96.9*		93.6*	
Foraminifera	9	35	114	10	48	21	28	57	8	50
Protozoa	1	2	4							
Polychaeta	53	49	30		13	7	3	5		5
Bivalvia	6			1						
Gastropoda		1	1							
Peracarid Crust										
Temp. Other										
Total	809	890	866	504	241	88	98	173	39	196
Mean	924.7*		745.7*		179.1*		147.5*		127.9*	

*Numbers are averages of individuals from replicate samples adjusted to 1 cm^2.

TABLE 2. CONT.'D

SPRING - TRANSECT IV

STATION NUMBER	3		7			
TAXA	NLQ	NLR	NSO	NSP	Total	Mean
Nematoda	75	54	17	38	3304	256.9*
Harpacticoida		1		1	145	11.2*
Kinorhyncha					6	0.5*
Ostracoda				1	50	3.9*
Halacaridae	1				4	0.3*
Nauplii					19	1.5*
Turbellaria					3	0.2*
True Other						
True Meio.Total	76	55	17	40		
Mean True Meio.	71.3*		31.0*			
Foraminifera	1	5	1		387	30.0*
Protozoa					7	0.5*
Polychaeta	1		1		167	13.0*
Bivalvia					7	0.5*
Gastropoda					2	0.2*
Peracarid Crust		1			1	0.1*
Temp. Other						
Total	78	61	19	40		
Mean	75.7*		32.1*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - FALL TRANSECT I

STATION NUMBER	4		1		2		5		6		3			
TAXA	REL	RDS	QYG	QYH	QZX	QZY	RFJ	RFK	RHA	RHB	RCA	RCB	Total	Mean
Nematoda	263	296	439	696	29	35	86	34	35	44	12	19	1961	177.9*
Harpacticoida	1	7	5	12		2	4	1					32	2.9*
Kinorhyncha		1	4	13	1		2						21	1.9*
Ostracoda	1							1					2	0.2*
Halacaridae		1				1							2	0.2*
Nauplii		1	1	1									3	0.3*
Turbellaria														
True Other														
True Meio.Total	238	306	449	722	30	38	92	36	35	44	12	19		
Mean True Meio.	296.1*		637.4*		37.0*		69.7*		43.0*		16.9*			
Foraminifera	39	5		253		46	10	8	1	1	5	7	375	34.0*
Protozoa				37									37	3.4*
Polychaeta	14	6	3	3	2	3	9		3	1	2	5	51	4.6*
Bivalvia				1					1				2	0.2*
Gastropoda						2							2	0.2*
Peracarid Crust														
Temp. Other														
Total	291	317	452	1016	32	89	111	44	40	46	19	31		
Mean	330.9*		799.0*		65.9*		84.4*		46.8*		27.2*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - FALL TRANSECT II

STATION NUMBER	1		4		2		5		6		3			
TAXA	RIU	RIV	ROQ	ROR	RKV	RKW	RPZ	RQA	RRI	RRJ	RMY	RMZ	Total	Mean
Nematoda	13	11	74	41	104	119	29	43	15	19	73	43	594	53.9*
Harpacticoida	2	8	1	3	3	3		1			3	3	27	2.4*
Kinorhyncha	1		1	1									3	0.3*
Ostracoda														
Halacaridae														
Nauplii		4	2				1				2		9	0.8*
Turbellaria								1			1		2	0.2*
True Other														
True Meio.Total	16	23	78	45	107	122	30	45	15	19	79	56		
Mean True Meio.	21.2*		66.9*		124.6*		40.8*		18.5*		73.5*			
Foraminifera			80	4	109	115	7	6	7	4	15	11	358	32.5*
Protozoa														
Polychaeta				3	3	2			1		10	5	24	2.2*
Bivalvia														
Gastropoda														
Peracarid Crust														
Temp. Other														
Total	16	23	158	52	219	239	37	51	23	23	104	72		
Mean	21.2*		114.3*		249.3*		47.9*		25.0*		95.8*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - FALL TRANSECT III

STATION NUMBER	4		1		5		2		3		6			
TAXA	RYK	RYL	RSS	RST	RZT	RZU	RUQ	RUR	RWS	RWT	SBC	SBD	Total	Mean
Nematoda	1202	934	78	44	21	11	82	118	119	89	34	49	2781	252.3*
Harpacticoida	47	65	4	4	1		4		2	4	1	10	142	12.9*
Kinorhyncha									4				4	0.4*
Ostracoda	2	1			1					3		2	9	0.8*
Halacaridae	1												1	0.1*
Nauplii	14	13							2	2		1	32	2.9*
Turbellaria			2										2	0.2*
True Other		1	1							1			3	0.3*
True Meio.Total	1266	1014	85	48	23	11	86	118	127	99	35	62		
Mean True Meio.	1241.0*		72.4*		18.5*		111.0*		123.0*		52.8*			
Foraminifera	485	44	61	92	15	18	30			23	12	33	813	73.8*
Protozoa														
Polychaeta	33	46	3	2		1	3	5	1	4	2	4	104	9.4*
Bivalvia	3	3								1			7	0.6*
Gastropoda											1		1	0.1*
Peracarid Crust												2	2	0.2*
Temp. Other														
Total	1787	1107	149	142	38	30	119	123	128	127	50	101		
Mean	1575.2*		158.4*		37.0*		131.7*		138.8*		82.2*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

SEASONAL SAMPLES
COUNTS OF MEIOFAUNA PER REPLICATE CORES - FALL TRANSECT IV

STATION NUMBER	4		1		5		2		6	
TAXA	SIA	SIB	SCL	SCM	SJK	SJL	SEI	SEJ	SKU	SKV
Nematoda	869	929	1034	1593	31	36	100	80	200	116
Harpacticoida	34	16	25	74		2	6	8	45	4
Kinorhyncha	3	1	6	27		1	1	7	5	1
Ostracoda	3		1	9		1	1	2	3	
Halacaridae									1	
Nauplii	1		1	16				2	6	4
Turbellaria		1		1						
True Other		1	1					7		
True Meio.Total	910	948	1068	1720	31	40	108	106	260	125
Mean True Meio.	1011.3*		1517.5*		38.6*		116.5*		209.5*	
Foraminifera	21	470	38	308	5	11	49	100	53	34
Protozoa	4	1		11			3			
Polychaeta	35	34	76	137	3	3	14		24	7
Bivalvia	2			3						1
Gastropoda				4						
Peracarid Crust	1									
Temp. Other										
Total	973	1453	1182	2183	39	54	174	206	337	167
Mean	1320.4*		1831.5*		50.6*		206.8*		274.3*	

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 2. CONT.'D

FALL - TRANSECT IV

STATION NUMBER	3		7			
TAXA	SGH	SGI	SME	SMF	Total	Mean
Nematoda	31	39	9	8	5075	394.6*
Harpacticoida		2			216	16.8*
Kinorhyncha					52	4.0*
Ostracoda					20	1.6*
Halacaridae					1	0.1*
Nauplii	2	1	1		34	2.6
Turbellaria					2	0.2*
True Other					9	0.7*
True Meio.Total	33	42	10	8		
Mean True Meio.	40.8*		9.8*			
Foraminifera	7	27	4	4	1131	87.9*
Protozoa	1				20	1.6*
Polychaeta	2	1	4	2	342	26.6*
Bivalvia					6	0.5*
Gastropoda					4	0.3
Peracarid Crust					1	0.1
Temp. Other						
Total	43	70	18	14		
Mean	61.5*		17.4*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORES - WINTER SOUTHERN BANK AND HOSPITAL ROCK

STATION NUMBER	SOUTHERN BANK 1		SOUTHERN BANK 2				HOSPITAL ROCK 1		HOSPITAL ROCK 2			
TAXA	JEC	JED	JFP	JFQ	Total	Mean	JHC	JHD	JIQ	JIR	Total	Mean
Nematoda	83	110	8	20	221	60.1*	3	4	18	19	44	12.0*
Harpacticoida	25	5			30	8.2*	1	2	1		4	1.1*
Kinorhyncha												
Ostracoda	5	2			7	1.9*						
Halacaridae												
Nauplii		1			1	0.3*						
Turbellaria												
True Other												
True Meio.Total	113	118	8	20			4	6	19	19		
Mean True Meio.	125.7*		15.2*				5.4*		20.7*			
Foraminifera	19	51			70	19.0*	5	7	6	5	23	6.3*
Protozoa												
Polychaeta	1	5			6	1.6*	1	1	2	1	5	1.4*
Bivalvia												
Gastropoda		1			1	0.3*						
Peracarid Crust	1	1			2	0.5*						
Temp. Other												
Total	134	176	8	20			10	14	27	25		
Mean	168.7*		15.2*				7.6*		28.3*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS

COUNTS OF MEIOFAUNA PER REPLICATE CORES - MARCH SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	1		4				1		2			
TAXA	JZR	JZS	KAK	KAL	Total	Mean	KBD	KBE	KBW	KBX	Total	Mean
Nematoda	88	52	17	65	222	60.4*	57	15	21	75	168	45.7*
Harpacticoida	4	1	1	1	7	1.9*	33	8		3	44	12.0*
Kinorhyncha										1	1	0.3*
Ostracoda	3				3	0.8*				1	1	0.3*
Halacaridae								1			1	0.3*
Nauplii	2	1			3	0.8*						
Turbellaria												
True Other	3				3	0.8*						
True Meio.Total	100	54	18	66			90	24	21	80		
Mean True Meio.	83.8*		45.7*				62.0*		55.0*			
Foraminifera	8	32			40	10.9*	2	5		7	14	3.8*
Protozoa												
Polychaeta	2	3		2	7	1.9*	7	2		2	11	3.0*
Bivalvia												
Gastrapoda												
Peracarid Crust												
Temporary Other												
Total	110	89	18	68			99	31	21	89		
Mean Total	108.3*		46.8*				70.8*		59.9*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS

COUNTS OF MEIOFAUNA PER REPLICATE CORES - APRIL SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	2		3				3		4			
TAXA	KTT	KTU	KUM	KUN	Total	Mean	KSE	KSF	KSY	KSZ	Total	Mean
Nematoda	26	43	72	42	183	49.8*	19	24	88	58	189	51.4*
Harpacticoida	1		22	10	33	9.0*			1	3	4	1.1*
Kinorhyncha												
Ostracoda			8	3	11	3.0*						
Halacaridae			2	1	3	0.8*						
Nauplii			3	5	8	2.2*						
Turbellaria												
True Other			1		1	0.3*						
True Meio.Total	27	43	108	61			19	24	89	61		
Mean True Meio.	38.1*		92.0*				23.4*		81.6*			
Foraminifera	8	27	51	32	118	32.1*			8	13	21	5.7*
Protozoa												
Polychaeta	2	5	3		10	2.7*	1	2		4	7	1.9*
Bivalvia												
Gastropoda												
Paracarid Crust												
Temp. Other												
Total	37	75	162	93			20	26	97	78		
Mean	61.0*		138.8*				25.0*		95.2*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

- MONTHLY SAMPLES OF HARD BANKS

COUNTS OF MEIOFAUNA PER REPLICATE CORES - SPRING SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	3		4				3		4			
TAXA	MVH	MVI	MWB	MWC	Total	Mean	MTT	MTU	MUN	MUO	Total	Mean
Nematoda	50	17	19	11	97	26.4*	13	3	96	155	267	72.7*
Harpacticoida	39	5			44	12.0*			3	3	6	1.6*
Kinorhyncha	1				1	0.3*						
Ostracoda	5	3			8	2.2*						
Halacaridae												
Nauplii	3	2			5	1.4*						
Turbellaria	1				1	0.3*						
True Other												
True Meio.Total	99	27	19	11			13	3	99	158		
Mean True Meio.	68.6*		16.3*				8.7*		139.9*			
Foraminifera	26	13			39	10.6*			32	75	107	29.1*
Protozoa									1		1	0.3*
Polychaeta	11	3	1		15	4.1*	1		3	4	8	2.2*
Bivalvia												
Gastropoda												
Peracarid Crust												
Temp. Other												
Total	136	43	20	11			14	3	135	237		
Mean	97.4*		16.9*				9.3*		202.5*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORE - JULY SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	1		2				1		2			
TAXA	OOP	OOQ	OPV	OPW	Total	Mean	OQQ	OQR	OSF	OSG	Total	Mean
Nematoda	93	77	83	60	313	85.2*	91	140	41	169	441	95.3*
Harpacticoida	16	3	5	3	27	7.3*				1	1	0.3*
Kinorhyncha	2		1	1	4	1.1*	2	1		2	5	1.4*
Ostracoda			1		1	0.3*		1			1	0.3*
Halacaridae												
Nauplii			1		1	0.3*	2	1		1	3	0.8*
Turbellaria	1				1	0.3*						
True Other												
True Meio.Total	112	80	91	64			95	143	41	173		
Mean True Meio.	104.5*		84.4*				129.5*		116.5*			
Foraminifera	12	30	12	11	65	17.7*	11	19		81	111	30.2*
Protozoa												
Polychaeta	2	1	5	7	15	4.1*	7	25		9	43	11.7*
Bivalvia	1			4	5	1.4*	4	8			12	3.3*
Gastropoda												
Peracarid Crust												
Temp. Other												
Total	127	111	108	86			117	195	41	263		
Mean	129.5*		105.6*				169.8*		165.5*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORES - AUGUST SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	3		4				3		4			
TAXA	PAO	PAP	PBJ	PBK	Total	Mean	PCE	PCF	PCZ	PDA	Total	Mean
Nematoda	105	72	58	40	275	74.8*	20	65	43	64	192	52.3*
Harpacticoida	25	36	17	18	96	26.1*	3	2	3	2	10	2.7*
Kinorhyncha	4	1			5	1.4*						
Ostracoda	5	7			12	3.3*			1		1	0.3*
Halacaridae		1			1	0.3*						
Nauplii	6	8	6		20	5.4*	1		1		2	0.5*
Turbellaria												
True Other												
True Meio.Total	145	125	81	58			24	67	48	66		
Mean True Meio.	147.0*		75.7*				49.5*		62.0*			
Foraminifera	150	46	56	43	295	80.3*	1	2	10	8	21	5.7*
Protozoa	2	3	1	2	8	2.2*						
Polychaeta	14	18	10		42	11.4*		6	2	7	15	4.1*
Bivalvia	11	1	1		13	3.5*	1				1	0.3*
Gastropoda				1	1	0.3*						
Peracarid Crust			1	1	2	0.5*						
Temp.Other												
Total	322	193	150	105			26	75	60	81		
Mean	280.3*		138.8*				55.0*		76.7*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORES - FALL SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	1		2				1		2			
TAXA	SNN	SNO	SOI	SOJ	Total	Mean	SPD	SPE	SPY	SPZ	Total	Mean
Nematoda	18	41	16	8	83	22.6*	46	128	120	83	377	102.6*
Harpacticoida		2	4	3	9	2.4*	5	28	2	3	38	10.3*
Kinorhyncha				1	1	0.3*		6			6	1.6*
Ostracoda												
Halacaridae								1			1	0.3*
Nauplii			3	2	5	1.4*	1	8	1	1	11	3.0*
Turbellaria												
True Other												
True Meio.Total	18	43	23	14			52	171	123	87		
Mean True Meio.	33.2*		20.1*				121.4*		114.3*			
Foraminifera	16	35	11	2	64	17.4*	31	45	6	15	97	26.4*
Protozoa							2				2	0.5*
Polychaeta	1		4	1	6	1.6*	2	8	1	6	17	4.6*
Bivalvia							1	3		1	5	1.4*
Gastropoda												
Peracarid Crust												
Temp. Other							1				1	0.3*
Total	35	78	38	17			89	227	130	109		
Mean	61.5*		29.9*				172.0*		130.1*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORES - NOVEMBER SOUTHERN BANK AND HOSPITAL ROCK

STATION NUMBER	SOUTHERN BANK 1		SOUTHERN BANK 2				HOSPITAL ROCK 1		HOSPITAL ROCK 2			
TAXA	VIE	VIF	VJD	VJE	Total	Mean	VKC	VKD	VLB	VLC	Total	Mean
Nematoda	16	68	76	26	186	50.6*	70	119	43	80	312	85.0*
Harpacticoida	2	2	7		11	3.0*	56	42	1	3	102	27.8*
Kinorhyncha			1		1	0.3*	4	2			6	1.6*
Ostracoda		1			1	0.3*	6	7	2		15	4.1*
Halacaridae								2			2	0.5*
Nauplii							8	6			14	3.8*
Turbellaria							1	5			6	1.6*
True Other		1			1	0.3*	4	5			9	2.4*
True Meio.Total	18	72	84	26			149	188	46	83		
Mean True Meio.	49.0*		59.9*				183.4*		70.2*			
Foraminifera		48	1	2	51	13.9*	95	136	11	18	260	70.8*
Protozoa								3			3	0.8*
Polychaeta		1	2	2	5	1.4*	5	13	2	2	22	6.0*
Bivalvia							1	4			5	1.4*
Gastropoda							1	1			2	0.5*
Peracarid Crust												
Temp. Other												
Total	18	121	87	30			251	345	59	103		
Mean	75.7*		63.7*				324.4*		88.2*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

TABLE 3. CONT.'D

MONTHLY SAMPLES OF HARD BANKS
COUNTS OF MEIOFAUNA PER REPLICATE CORES - DECEMBER SOUTHERN BANK AND HOSPITAL ROCK

	SOUTHERN BANK						HOSPITAL ROCK					
STATION NUMBER	3		4				3		4			
TAXA	WID	WIE	WJC	WJD	Total	Mean	WGF	WGG	WHE	WHF	Total	Mean
Nematoda	11	13	6	9	39	10.6*	10	2	29	33	74	20.1*
Harpacticoida		5		2	7	1.9*			5	2	7	1.9*
Kinorhyncha									1	1	2	0.5*
Ostracoda		1			1	0.3*		1			1	0.3*
Halacaridae												
Nauplii										1	1	0.3*
Turbellaria												
True Other		2			2	0.5*						
True Meio.Total	11	21	6	11			10	3	35	37		
Mean True Meio.	17.4*		9.3*				7.1*		39.2*			
Foraminifera	17	2001	14	16	2048	557.4*	3	8	23	66	100	27.2*
Protozoa												
Polychaeta		1		1	2	0.5*		2		1	3	0.8*
Bivalvia												
Gastropoda												
Peracarid Crust												
Temp. Other												
Total	28	2023	20	28			13	13	58	104		
Mean	1116.3*		26.1*				14.2*		88.2*			

*Numbers are averages of individuals from replicate samples adjusted to 10 cm^2.

APPENDIX G

INVERTEBRATE EPIFAUNA AND MACROINFAUNA

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TABLE 1

INVERTEBRATE EPIFAUNA AND MACROINFAUNA SPECIES LIST
FOR ALL 1976 COLLECTIONS INCLUDING THE TOPOGRAPHIC FEATURES STUDY

TABLE 1

PHYLUM PORIFERA
- SCYPHA SP
- SPONGES (UNIDENTIFIED)

PHYLUM CNIDARIA
- CLASS HYDROZOA
  - SUBORDER GYMNOBLASTEA
    - CORYNIDAE
      - ZANCLEA GEMMOSA
    - EUDENDRIDAE
      - EUDENDRIUM COCHLEATUM
    - TUBULARIDAE
      - TUBULARIA CRISTATA
      - TUBULARIA SP
  - SUBORDER CALYPTOBLASTEA
    - CAMPANULARIDAE
      - CLYTIA ELONGATA
      - CLYTIA KINCAIDA
      - CLYTIA LONGICYATHA
      - CLYTIA SP
      - ORELIA SPA
    - CAMPANULINIDAE
      - CALYCELLA SYRINGA
      - EUCUSPIDELLA SP
      - LOVENELLA GRANDIS
      - OPLORHIZA CF PARVULA
    - SERTULARIDAE
      - SERTULARIA SPA
    - PLUMULARIDAE
      - ANTENNELLA GRACILIS
- CLASS ANTHOZOA
  - ORDER GORGONACEA
    - GORGONIAN (UNIDENTIFIED)
  - ORDER PENNATULACEA
    - RENILLIDAE
      - RENILLA MULLERI
    - PENNATULACEA
      - SEA PEN (UNIDENTIFIED)
  - ORDER ZOANTHIDEA
    - ZOANTHARIA (UNIDENTIFIED)
  - ORDER ACTINIARIA
    - PARANTHUS SP
    - ACTINARIA SPA
    - ACTINARIA SPB
    - ACTINARIA SPC
    - CALIACTIS TRICOLOR
    - ANEMONES (UNIDENTIFIED)
  - ORDER CERIANTHARIA
    - CERIANTHARIA SPA

TABLE 1 CONT.'D

CERIANTHARIAN (UNIDENTIFIED)
PHYLUM PLATYHELMINTHES
CLASS TURBELLARIA
PLATYHELMINTHES (UNIDENTIFIED)
PHYLUM NEMERTINEA (=RYNCHOCOELA)
NEMERTINEA (UNIDENTIFIED)
PHYLUM ECTOPROCTA
BRYOZOA (UNIDENTIFIED)
PHYLUM PHORONIDA
PHORONIDA (UNIDENTIFIED)
PHYLUM BRACHIOPODA
BRACHIOPOD SPA
PHYLUM MOLLUSCA
CLASS APLACOPHORA
NEOMENIIDAE
UNCIMENIA SPA
CHAETODERMATIDAE
CHAETODERMA SPA
SCUTOPUS SPA
CLASS AMPHINEURA
ISCHNOCHITONIDAE
ISCHNOCHITON PAPILLOSUS
CLASS GASTROPODA
TROCHIDAE
CALLIOSTOMA SPA
SEGUENZIA MONOCINGULATA
RISSOINIDAE
RISSOINA CANCELLATA
CYCLOSTREMATIDAE
ARENE BAIRDII
VITRINELLIDAE
CYCLOSTREMISCUS SPA
EPISCYNIA INGRNATA
TEINOSTOMA BISCAYNENSE
VITRINELLA FLORIDANA
SOLARIORBIS INFRACARINATA
PARVITURBOIDES INTERRUPTUS
CERITHIIDAE
FINELLA DUBIA
CAECIDAE
CAECUM GLABRUM
CAECUM PULCHELLUM
CAECUM IMBRICATUM
EPITONIIDAE
EPITONIUM MULTISTRIATUM
EPITONIUM NOVANGLIAE
EPITONIUM SP
ACLIDIDAE

TABLE 1 CONT.'D

ACLIS SPA
MELANELLIDAE (=EULIMIDAE)
NISO INTERRUPTA
STROMBIFORMIS BILINEATUS
EULIMA SPA
MELANELLA CF JAMAICENSIS
MELANELLA ARCUATA
MELANELLA SPA
CALYPTRAIDAE
CALYPTRAEA CENTRALIS
OVULIDAE
CYPHOMA INTERMEDIUM
NATICIDAE
NATICA MAROCHIENSIS
NATICA PUSILLA
NATICA SP
SINUM MACULATUM
POLINICES DUPLICATUS
CASSIDIDAE
SCONSIA STRIATA
CYMATIIDAE
DISTORSIO CLATHRATA
MURICIDAE
THAIS HAEMASTOMA HAYSAE
COLUMBELLIDAE
ANACHIS CALLIGLYPTA
NASSARINA GLYPTA
BUCCINIDAE
ANTILLOPHOS CANDEI
CANTHARUS CANCELLARIA
MELONGENIDAE
BUSYCON CONTRARIUM
NASSARIIDAE
NASSARIUS ACUTUS
NASSARIUS VIBEX
FASCIOLARIIDAE
FASCIOLARIA HUNTERIA
FUSINUS COUEI
OLIVIDAE
OLIVA SAYANA
VOLUTIDAE
AURINIOPSIS KIENERI
TURRIDAE
CRASSISPIRA SPA
POLYSTIRA ALBIDA
NANNODIELLA CF OXIA
CONIDAE
CONUS AUSTINI

TABLE 1 CONT.'D

TEREBRIDAE
  TEREBRA PROTEXTA
PYRAMIDELLIDAE
  TURBONILLA PORTORICANA
  TURBONILLA SP
  ODOSTOMIA SEMINUDA
  ODOSTOMIA SP
ACTEONIDAE
  ACTEON PUNCTOSTRIATUS
RINGICULIDAE
  RINGICULA SEMISTRIATA
SCAPHANDRIDAE
  SCAPHANDER WATSONI
PHILINIDAE
  PHILINE SAGRA
ATYIDAE
  HAMINOEA SUCCINEA
CYLICHNIDAE
  CYLICHNA BIDENTATA
RETUSIDAE
  ACTEOCINA CANDEI
  PYRUNCULUS CAELATUS
  VOLVULELLA PERSIMILIS
  VOLVULELLA TEXASIANA
  VOLVULELLA RECTA
ORDER APLYSIACEA
TYLODINIDAE
  PLEUROBRANCHAEA HEDGPETHI
APLYSIIDAE
  APLYSIID (UNIDENTIFIED)
ORDER NUDIBRANCHIA
CORAMBIDAE
  DORIDELLA OBSCURA
GYMNODORIDIDAE
  ISSA RAMOSA
NUDIBRANCHIA
  NUDIBRANCH SPA
  NUDIBRANCH SPB
  NUDIBRANCH SPC
CLASS SCAPHOPODA
SIPHONODENTALIIDAE
  CADULUS CAROLINENSIS
DENTALIIDAE
  DENTALIUM SOWERBYI
  DENTALIUM TEXASIANUM
  DENTALIUM EBOREUM
  DENTALIUM CF EBOREUM
  DENTALIUM SPA

TABLE 1 CONT.'D

DENTALIUM SP
CLASS PELECYPODA
NUCULIDAE
NUCULA PROXIMA
NUCULANIDAE
NUCULANA ACUTA
NUCULANA CONCENTRICA
NUCULANA PLATESSA
YOLDIA SOLENOIDES
SOLENIDAE
SOLEN VIRIDIS
SOLEMYACIDAE
SOLEMYA SPA
ARCIDAE
ANADARA NOTABILIS
ANADARA OVALIS
ANADARA TRANSVERSA
NOETIA PONDEROSA
ARCOPSIS ADAMSI
ARCA ZEBRA
ARCA SP
BARBATIA CANDIDA
MYTILIDAE
AMYGDALUM PAPYRIUM
MODIOLUS AMERICANUS
PINNIDAE
ATRINA SEMINUDA
PECTINIDAE
AEQUIPECTEN GLYPTUS
AMUSIUM PAPYRACEUS
ANOMIIDAE
ANOMIA SIMPLEX
LIMIDAE
LIMA LOCKLINI
LUCINIDAE
LUCINA AMIANTUS
LUCINA MULTILINEATA
LUCINA CF MULTILINEATA
LUCINA SP
THYASIRIDAE
THYASIRA SPA
UNGULINIDAE
DIPLODONTA CF SOROR
DIPLODONTA SPA
CHAMIDAE
CHAMA CONGREGATA
CRASSATELLIDAE
CRASSINELLA LUNULATA

TABLE 1 CONT.'D

CRASSINELLA MARTINICENSIS
EUCRASSATELLA SPECIOSA
ERYCINIDAE
ERYCINA SPA
LEPTONIDAE
LEPTON SPA
PYTHINELLA CUNEATA
SPORTELLIDAE
ALIGENA TEXASIANA
CARDIIDAE
LAEVICARDIUM LAEVIGATUM
MICROCARDIUM CF TRANSVERSUM
MICROCARDIUM PERMABILE
MICROCARDIUM TINCTUM
TRACHYCARDIUM MURICATUM
CYCLOCARDIA ARMILLA
TELLINIDAE
MACOMA PULLEYI
MACOMA TENTA
TELLINA AEQUISTRIATA
TELLINA VERSICOLOR
TELLINA SP
PSAMMOBIIDAE
SANGUINOLARIA SANGUINOLENTA
SEMELIDAE
ABRA AEQUALIS
SEMELE BELLASTRIATA
VENERIDAE
CHIONE GRUS
MERCENARIA CAMPECHIENSIS
DOSINIA ELEGANS
ANTIGONA RUGATINA
ANOMALOCARDIA AUBERIANA
PITAR CORDATUS
GOULDIA CERINA
CORBULIDAE
CORBULA CF CONTRACTA
CORBULA CYMELLA
CORBULA KREBSIANA
CORBULA CARIBAEA
VARICORBULA DISPARILIS
LYONSIIDAE
LYONSIA HYALINA FLORIDANA
PANDORIDAE
PANDORA SPA
THRACIIDAE
ASTHENOTHAERUS CF HEMPHILLI
POROMYIDAE

TABLE 1 CONT.'D

POROMYA ROSTRATA
VERTICORDIIDAE
VERTICORDIA FISCHERIANA
VERTICORDIA ORNATA
CUSPIDARIIDAE
CUSPIDARIA MEDIA
PELECYPOD SPA
PELECYPOD SPB
PELECYPOD SPC
PELECYPOD SPD
CLASS CEPHALOPODA
OCTOPODIDAE
OCTOPUS VULGARIS
OCTOPUS SP
PHYLUM ANNELIDA
CLASS POLYCHAETA
POLYNOIDAE
LEPIDASTHENIA MACULATA
LEPIDASTHENIA SPA
LEPIDASTHENIA SPB
LEPIDONOTUS SUBLEVIS
LEPIDONOTUS CF VARIABILIS
EUNOE CF NODULOSA
HARMOTHOE TRIMACULATA
HARMOTHOE IMBRICATA
HARMOTHOE SP
SUBADYTE SPA
POLYNOID SP
EULEPETHIDAE
GRUBEULEPIS CF SULCATISETIS
GRUBEULEPIS CF TEBBLEI
GRUBEULEPIS SP
POLYODONTIDAE
POLYODONTES LUPINA
EUPANTHALIS KINBERGI
SIGALIONIDAE
STHENELAIS BOA
STHENELAIS LIMICOLA
STHENELAIS SP
STHENOLEPIS CF JAPONICA
PHOLOE SPA
SIGALIONID SP
PALMYRIDAE (=CHRYSOPETALIDAE)
PALEANOTUS HETEROSETA
AMPHINOMIDAE
CHLOEIA VIRIDIS
PARAMPHINOME PULCHELLA
PSEUDEURYTHOE AMBIGUA

TABLE 1 CONT.'D

PHYLLODOCIDAE
- PHYLLODOCE MUCOSA
- PHYLLODOCE CASTANEA
- EULALIA BILINEATA
- PHYLLODOCID SP

PILARGIIDAE
- PILARGIS BERKELYAE
- SIGAMBRA BASSI
- SIBAMBRA OCELLATA
- SIGAMBRA TENTACULATA
- SIGAMBRA WASSI
- SIGAMBRA SP
- SYNELMIS SPA
- CABIRA INCERTA
- CF OTOPSIS LONGIPES
- ANCISTROSYLLIS JONESI
- ANCISTROSYLLIS GROENLANDICA
- ANCISTROSYLLIS PAPILLOSA
- ANCISTROSYLLIS SP
- PARANDALIA FAUVELI
- PARANDALIA OCULARIS
- PARANDALIA INDICA

HESIONIDAE
- GYPTIS VITTATA
- OPHIODROMUS OBSCURUS

SYLLIDAE
- SYLLIS FERRUGINA
- SYLLIS CORNUTA
- SYLLIS HYALINA
- SYLLIS PROLIFERA
- SYLLIS SPONGICOLA
- SYLLIS CF ANOPS
- SYLLIS GRACILIS
- SYLLIS SPA
- SYLLIS SPB
- SYLLIS SPC
- SPHAEROSYLLIS CF SUBLAEVIS
- SPHAEROSYLLIS CF FORTUITA
- EXOGONE DISPAR
- EXOGONE CF GEMMIFERA
- EXOGONE VERUGERA
- EXOGONE SP
- AUTOLYTUS SPA
- BRANIA FURCELLIGERA
- BRANIA SP
- EUSYLLIS BLOMSTRANDIS
- EURYSYLLIS SPA
- ODONTOSYLLIS CF LONGISETA

TABLE 1 CONT.'D

TRYPANOSYLLIS SPA
PIONOSYLLIS MALMGRENI
PIONOSYLLIS CF EHLERSIAEFORMIS
SYLLID SPA
SYLLID SPB
NEREIDAE
NEREID(NICON) SPA
NEREID SPB
NEREIS SUCCINEA
NEREIS FALSA
NEREIS CF RIISEI
NEREIS LAMELLOSA
NEREIS SPA
NEREIS SPB
NEREIS SPC
NEREIS SP
CERATONEREIS MIRABILIS
CERATONEREIS IRRITABILIS
CERATOCEPHALE LOVENI
PARALACYDONIIDAE
PARALACYDONIA PARADOXA
NEPHTYIDAE
NEPHTYS INCISA
NEPHTYS PICTA
NEPHTYS BUCERA
NEPHTYS MAGELLANICA
NEPHTYS SP
AGLAOPHAMUS VERRILLI
AGLAOPHAMUS INERMIS
AGLAOPHAMUS CIRCINATA
GLYCERIDAE
GLYCERA AMERICANA
GLYCERA CAPITATA
GLYCERA PAPILLOSA
GLYCERA TESSELATA
GLYCERA NATALENSIS
GLYCERA SPA
GLYCERA SPB
GLYCERA SP
GONIADIDAE
GONIADIDES CAROLINAE
OPHIOGLYCERA LONGICIRRATA
OPHIOGLYCERA GIGANTEA
OPHIOGLYCERA SP
GLYCINDE SOLITARIA
GLYCINDE NORDMANNI
GLYCINDE SP
GONIADA TERES

TABLE 1 CONT.'D

GONIADA NORVEGICA
GONIADA MACULATA
GONIADA LITTOREA
GONIADA SP
GONIADELLA CF GRACILIS
CF PROGONIADA SP
GONIADID SP
EUNICIDAE
LYSIDICE NINETTA
MARPHYSA SANGUINEA
MARPHYSA CF SANGUINEA
MARPHYSA DEPRESSA
MARPHYSA SPA
MARPHYSA SPB
MARPHYSA SPC
MARPHYSA SP
EUNICE CARIBOEA
EUNICE RUBRA
EUNICE VITTATA
EUNICE SPA
NEMATONEREIS UNICORNIS
NEMATONEREIS SPA
EUNICID SPA
EUNICID SPB
ONUPHIDAE
DIOPATRA CUPREA
DIOPATRA PAPILLATA
DIOPATRA TRIDENTATA
CF EPIDIOPATRA SP
ONUPHIS EREMITA
ONUPHIS MAGNA
ONUPHIS CF MAGNA
ONUPHIS NEBULOSA
ONUPHIS PALLIDULA
ONUPHIS CF GEOFILIFORMIS
ONUPHIS PERUANA
ONUPHIS SPA
ONUPHIS SPB
ONUPHIS SPD
ONUPHIS SPF
ONUPHIS SPH
ONUPHIS SPI
ONUPHIS SP
LUMBRINERIDAE
LUMBRINERIS ALBIDENTATA
LUMBRINERIS LATREILLI
LUMBRINERIS FRAGILIS
LUMBRINERIS TENUIS

TABLE 1 CONT.'D

LUMBRINERIS PARVAPEDATA
LUMBRINERIS JANUARII
LUMBRINERIS ABERRANS
LUMBRINERIS SP
MINOE NIGRIPES
ARABELLIDAE
DRILONEREIS FILUM
DRILONEREIS MAGNA
ARABELLA IRICOLOR
ARABELLA MUTANS
NOTOCIRRUS CF SPINIFERUS
ARABELLID SPA
ARABELLID SP
DORVILLEIDAE
DORVILLEA CAECA
DORVILLEA SOCIABILIS
MEIODORVILLEA SPA
SCHISTOMERINGOS RUDOLPHI
SCHISTOMERINGOS SPA
SPIONIDAE
POLYDORA CF CAULLERYI
POLYDORA AGGREGATA
POLYDORA LIGNI
POLYDORA CF SOCIALIS
POLYDORA CF HARTMANAE
POLYDORA CF CONCHARUM
POLYDORA SPA
MINUSPIO CIRRIFERA
MINUSPIO LONGIBRANCHIATA
MINUSPIO CIRROBRANCHIATA
MINUSPIO SPA
MINUSPIO SP
MICROSPIO PIGMENTATA
PARAPRIONOSPIO PINNATA
APOPRIONOSPIO PYGMAEA
APOPRIONOSPIO SP
PRIONOSPIO HETEROBRANCHIA
PRIONOSPIO CRISTATA
PRIONOSPIO STEENSTRUPI
PRIONOSPIO SP
SCOLELEPIS TEXANA
SCOLELEPIS SP
SPIOPHANES BOMBYX
SPIOPHANES KROYERI
SPIOPHANES WIGLEYI
SPIOPHANES LONGICIRRUS
SPIOPHANES SPA
SPIO PETTIBONEAE

TABLE 1 CONT.'D

SPIO SP
MALACOCEROS INDICUS
MALACOCEROS VANDERHORSTI
MALACOCEROS SP
LAONICE CIRRATA
SPIONID SP
MAGELONIDAE
MAGELONA LONGICORNIS
MAGELONA PETTIBONEAE
MAGELONA PHYLLISAE
MAGELONA ROSEA
MAGELONA SPA
TROCOCHAETIDAE
TROCOCHAETA MULTISETOSA
POECILOCHAETIDAE
POECILOCHAETUS JOHNSONI
APISTOBRANCHIDAE
APISTOBRANCHUS TYPICUS
CHAETOPTERIDAE
CHAETOPTERUS VARIOPEDATUS
CHAETOPTERUS SP
MESOCHAETOPTERUS TAYLORI
PHYLLOCHAETOPTERUS SP
SPIOCHAETOPTERUS COSTARUM
SPIOCHAETOPTERUS SP
CHAETOPTERID SP
ACROCIRRIDAE
ACROCIRRID SP
CIRRATULIDAE
THARYX MARIONI
THARYX ANNULOSUS
THARYX FILIBRANCHIA
THARYX DORSOBRANCHIALIS
THARYX SPB
THARYX SP
CIRRATULUS FILIFORMIS
CIRRIFORMIA FILIGERA
CAULLERIELLA CAPENSIS
CAULLERIELLA SPA
CAULLERIELLA SPB
CHAETOZONE GAYHEADIA
CHAETOZONE SETOSA
CIRRATULID-B
CIRRATULID SPA
CIRRATULID SPB
HETEROSPIONIDAE
HETEROSPIO LONGISSIMA
COSSURIDAE

TABLE 1 CONT.'D

COSSURA DELTA
ORBINIIDAE
HAPLOSCOLOPLOS FOLIOSUS
SCOLOPLOS RUBRA
SCOLOPLOS CAPENSIS
SCOLOPLOS CF ACMECEPS
SCOLOPLOS SP
ORBINIA AMERICANA
CALIFIA SP
PARAONIDAE
AEDICIRA ALBATROSSAE
AEDICIRA BELGICAE
AEDICIRA SP
ARICIDEA CF FRAGILIS
ARICIDEA CF LONGOBRANCHIATA
ARICIDEA WASSI
ARICIDEA TAYLORI
ARICIDEA SEUCICA
ARICIDEA JEFFREYSII
ARICIDEA CF USCHAKOVI
ARICIDEA SP
CIRROPHORUS BRANCHIATUS
CIRROPHORUS LYRIFORMIS
PARAONIDES LYRA
PARAONIS GRACILIS
PARAONIS SPA
PARAONIS SP
PARAONID SP
OPHELIIDAE
ARMANDIA AGILIS
ARMANDIA MACULATA
ARMANDIA SP
SCALIBREGMIDAE
CF SCLEROCHEILUS SP
CAPITELLIDAE
CAPITELLA CAPITATA
LEIOCAPITELLA GLABRA
LEIOCHRUS SPA
MEDIOMASTUS CALIFORNIENSIS
NOTOMASTUS AMERICANUS
NOTOMASTUS CF AMERICANUS
NOTOMASTUS HEMIPODUS
NOTOMASTUS LATERICEUS
NOTOMASTUS CF LATERICEUS
NOTOMASTUS LOBATUS
NOTOMASTUS SP
HETEROMASTUS FILIFORMIS
DASYBRANCHUS SP

TABLE 1 CONT.'D

CAPITELLID SPA
CAPITELLID SPB
CAPITELLID SPC
MALDANIDAE
PETALOPROCTUS CF TERRICOLA
PRAXILLELLA CF AFFINIS
CLYMENELLA TORQUATA
EUCLYMENE CF LOMBRICOIDES
EUCLYMENE SP
ASYCHIS ELONGATA
ASYCHIS CAROLINAE
MALDANID SP
OWENIIDAE
OWENIA FUSIFORMIS
STERNASPIDAE
STERNASPIS SCUTATA
FLABELLIGERIDAE
BRADA SP
ILYPHAGUS CF OCTOBRANCHUS
PIROMIS ERUCA
PIROMIS ARENOSUS
SABELLARIDAE
IDANTHYRSUS SP
LYGDAMIS CF MURATA
SABELLARIA FLORIDENSIS
SABELLARIA GRACILIS
SABELLARIA VULGARIS
SABELLARID SP
PECTINARIIDAE
PECTINARIA GOULDII
PECTINARIA SP
AMPHARETIDAE
ISOLDA PULCHELLA
MELINNA MACULATA
MELINNA CF MONOCEROIDES
SAMYTHELLA ELIASONI
SAMYTHELLA CF ELIASONI
AMPHICTEIS GUNNERI
AMPHICTEIS SPA
AMPHARETE ACUTIFRONS
AMPHARETE PARVIDENTATA
AMPHARETE AMERICANA
AMPHARETE CF AMERICANA
AMPHARETE SP
AMPHARETID SPA
TEREBELLIDAE
TEREBELLIDES STROEMII
AMAEANA TRILOBATA

TABLE 1 CONT.'D

AMAEANA ACCRAENSIS
STREBLOSOMA SP
PISTA CRISTATA
PISTA BREVIBRANCHIA
PISTA PALMATA
PISTA SP
LANICE CF CONCHILEGA
LOIMIA MEDUSA
TELOTHELEPUS CAPENSIS
CF THELEPUS SP
CF PARATHELEPUS SP
TEREBELLID SP
SABELLIDAE
POTAMILLA RENIFORMIS
POTAMILLA SPATHIFERUS
MEGALOMMA CF BIOCULATUM
MEGALOMMA CF QUADRIOCULATUM
MEGALOMMA CF LOBIFERUM
CHONE CF AMERICANA
CHONE CF MAGNA
CHONE FILICAUDATA
FABRICIA SPA
EUCHONE ROSEA
ORIOPSIS SP
HYPSICOMUS CF PHAEOTAENIA
HYPSICOMUS SP
SERPULIDAE
FILOGRANA IMPLEXA
POMATOCEROS AMERICANUS
SERPULA VERMICULARIS
SERPULA SP
HYDROIDES UNCINATA
HYDROIDES PROTULICOLA
PROTULA TUBULARIA
SERPULID SP
POLYCHAETE SPA
CLASS OLIGOCHAETA
PELOSCOLEX CF APECTINATUS
PELOSCOLEX SP
OLIGOCHAETES (UNIDENTIFIED)
PHYLUM SIPUNCULA
PHASCOLION SP
SIPUNCULIDS (UNIDENTIFIED)
PHYLUM ECHIURIDEA
ECHIURIDS (UNIDENTIFIED)
PHYLUM ARTHROPODA
CLASS ARACHNIDA
ORDER ACARINA

TABLE 1 CONT.'D

MITE (UNIDENTIFIED)
CLASS PYCNOGONIDA
PYCNOGONID (UNIDENTIFIED)
CLASS CRUSTACEA
SUBCLASS OSTRACODA
ORDER MYODOCOPA
OSTRACOD SPD
OSTRACOD SPX
OSTRACOD SPY
OSTRACOD SPZ
OSTRACOD SPAA
OSTRACOD SPBB
OSTRACOD SPCC
OSTRACOD SPDD
OSTRACOD SPEE
OSTRACOD SPGG
OSTRACOD SPHH
OSTRACOD SPII
OSTRACOD SPJJ
OSTRACOD SPKK
OSTRACOD SPLL
OSTRACOD SPMM
OSTRACOD SPNN
PHILOMEDES SPA
PHILOMEDES SPB
PHILOMEDES SPC
PHILOMEDES SPD
PHILOMEDES SPE
ALTERNOCHELATA SPA
TETRAGONODON SPA
PARASTEROPE SPP
SARSIELLA CF OZOTHRIX
SARSIELLA SPA
SARSIELLA SPB
SARSIELLA SPC
SARSIELLA SPD
SARSIELLA SPE
SARSIELLA SPF
SARSIELLA SPG
SARSIELLA SPH
SARSIELLA SPI
SARSIELLA SPJ
SARSIELLA SPK
SARSIELLID NSPA
SARSIELLID NSPB
SARSIELLID NSPC
SARSIELLID NSPD
RUTIDERMA SPA

TABLE 1 CONT.'D

RUTIDERMA SPB
RUTIDERMA SPC
RUTIDERMA SPD
ASTEROPELLA SPA
SCLEROCONCHA SPA
SCLEROCONCHA SPB
POLYCOPE SPA
ORDER PODOCOPA
CYPRIS SP
XIPHICHILUS SPA
SUBCLASS COPEPODA
ORDER HARPACTICOIDA
PORCELLIDIIDAE
ALTEUTHA CF DEPRESSA
ORDER CYCLOPOIDA
HEMICYCLOPS SP
HALICYCLOPS SP
SUBCLASS CIRRIPEDIA
ORDER LEPADOMORPHA
BARNACLE (UNIDENTIFIED)
SUBCLASS MALACOSTRACA
ORDER NEBALIACEA
NEBALIA SP
ORDER MYSIDACEA
AMATHIMYSIS GIBBA
BRASILOMYSIS CASTROI
METAMYSIDOPSIS CF SWIFTI
MYSIDOPSIS BIGELOWI
HETEROMYSIS SP
ANCHIALINA TYPICA
ERYTHROPS SP
MYSID SPA
ORDER CUMACEA
CYCLASPIS VARIANS
CYCLASPIS SPA
CYCLASPIS SPB
EUDORELLA MONODON
OXYUROSTYLIS SP
LEUCON SP
LEPTOSTYLIS SP
DIASTYLIS SP
LEPTOCUMA SP
CUMELLA SP
VAUNTHOMPSONIA SP
CUMACEAN SPB
CUMACEAN SPC
CUMACEAN SPD
CUMACEAN SPE

TABLE 1 CONT.'D

CUMACEAN SPF
CUMACEAN SPG
CUMACEAN SPH
CUMACEAN SPI
CUMACEAN SPJ
CUMACEAN (UNIDENTIFIED)
ORDER TANAIDACEA
LEPTOCHELIIDAE
LEPTOCHELIA SP
KALLIAPSEUDIDAE
KALLIAPSEUDES SPA
APSEUDIDAE
APSEUDES SPA
APSEUDES SPB
SPHYRAPUS SPA
ORDER ISOPODA
ISOPOD SPA
ANTHURIDAE
XENANTHURA BREVITELSON
ANTHURID SPA
ANTHURID SPB
ANTHURID SPC
ANTHURID SPD
LIMNORIDAE
LIMNORIA SP
MUNNIDAE
MUNNA SP
GNATHIIDAE
GNATHIA SP
ORDER STOMATOPODA
SQUILLA CHYDAEA
SQUILLA EMPUSA
ORDER AMPHIPODA
CAPRELLIDAE
CAPRELLID (UNIDENTIFIED)
AMPELISCIDAE
AMPELISCA SPA
AMPELISCA SPB
AMPELISCA SP
AMPELISCA CF CRISTATA
AMPELISCA AGASSIZI
AMPELISCA ABDITA
AMPELISCA VERRILLI
BYBLIS CF GAIMARDI
PHOTIDAE (=ISAEIDAE)
PHOTIS MACROMANUS
PHOTIS SPB
PHOTIS SP

TABLE 1 CONT.'D

PODOCEROPSIS SP
PHOTID SPA
GAMMARIDAE
NETAMELITA BARNARDI
ERIOPISA INCISA
ERIOPISA SPB
OEDICEROTIDAE
SYNCHELIDIUM CF AMERICANUM
MONOCULOIDES SPA
MONOCULOIDES SPB
MONOCULOIDES SPC
SPREM COROPHIOIDEA
COROPHIOID SPA
COROPHIIDAE
UNCIOLA SERRATA
UNCIOLA SPA
ERICHTHONIAS BRASILIENSIS
COROPHIUM ASCHERUSICUM
COROPHIUM SP
CERAPUS TUBULARIS
LYSIANASSIDAE
HIPPOMEDON CF SERRATUS
LYSIANASSID SPA
LYSIANASSID SPB
BATEIDAE
BATEA SP
SYNOPIIDAE
BRUZELIA SP
BRUZELIOPSIS SP
LILJEBORGIIDAE
LISTRIELLA BARNARDI
LISTRIELLA CLYMENELLAE
LISTRIELLA SPA
PHOXOCEPHALIDAE
HETEROPHOXUS CF OCULATUS
HARPINIA SP
METAPHOXUS CF FREQUENS
PARAPHOXUS CF EPISTOMUS
HAUSTORIIDAE
PLATYISCHNOPUS SP
HAUSTORID SPA
STENOTHOIDAE
PARAMETOPELLA TEXENSIS
PARDALISCIDAE
PARDALISCID SPA
ACANTHONOTOZOMATIDAE
PANOPLEA SP
UNIDENTIFIED AMPHIPODS

TABLE 1 CONT.'D

AMPHIPOD SPA
ORDER DECAPODA
PENAEIDAE
METAPENAEOPSIS SP
PARAPENAEUS LONGIROSTRIS
PENAEUS AZTECUS
PENAEUS DUORARUM
PENAEUS SETIFERUS
SICYONIA BREVIROSTRIS
SICYONIA DORSALIS
SICYONIA STIMPSONI
SOLENOCERA ATLANTIDIS
SOLENOCERA VIOSCAI
TRACHYPENAEUS CONSTRICTUS
TRACHYPENAEUS SIMILIS
SERGESTIDAE
ACETES AMERICANA
PASIPHAEIDAE
LEPTOCHELA SERRATORBITA
LEPTOCHELA CF BERMUDENSIS
PASIPHAEID SP
PALAEMONIDAE
PERICLIMENES MAGNUS
PONTONIA SP
ALPHEIDAE
ALPHEUS AMBLYONYX
ALPHEUS CF AMBLYONYX
ALPHEUS FLORIDANUS
ALPHEUS SP
SYNALPHEUS SP
AUTOMATE EVERMANNI
AUTOMATE SP
ALPHEID SP
HIPPOLYTIDAE
LATREUTES PARVULUS
LATREUTES FUCORUM
TOZEUMA CORNUTUM
OGYRIDIDAE
OGYRIDES LIMICOLA
PROCESSIDAE
PROCESSA HEMPHILLI
PROCESSA SP
PROCESSID SP
PANDALIDAE
PARAPANDALUS CF LONGICAUDA
PLESIONIKA TENUIPES
CARIDEA
CARIDEANS (UNIDENTIFIED)

TABLE 1 CONT.'D

STENOPODIDAE
  STENOPUS SCUTELLATUS
AXIIDAE
  CALOCARIS OXYPLEURA
CALLIANASSIDAE
  CALLIANASSA ACANTHOCHIRUS
  CALLIANASSA CF ACANTHOCHIRUS
  CALLIANASSA ATLANTICA
  CALLIANASSA CF ATLANTICA
  CALLIANASSA MARGINATA
  CALLIANASSA CF MARGINATA
  CALLIANASSA LATISPINA
  CALLIANASSA CF LATISPINA
  CALLIANASSA CF MINIMA
  CALLIANASSA SP
  UPOGEBIA AFFINIS
  CTENOCHELES SP
GALATHEIDAE
  MUNIDA FORCEPS
  MUNIDA SP
PORCELLANIDAE
  POLYONYX GIBBESI
  EUCERAMUS PRAELONGUS
  PORCELLANA SAYANA
  PORCELLANA SIGSBEIANA
DIOGENIDAE
  DARDANUS INSIGNIS
  DARDANUS FUCOSUS
  PAGURISTES HUMMI
  PAGURISTES CF MOOREI
  PAGURISTES CF OXYOPHTHALMUS
  PAGURISTES TRIANGULATUS
PAGURIDAE
  PAGURUS BULLISI
  PAGURUS CF BULLISI
  PAGURUS POLLICARIS
  PAGURUS SP
  PYLOPAGURUS HOLTHUSI
  PAGURID SP
ALBUNEIDAE
  ALBUNEA GIBBESII
  ALBUNEID SP
THELXIOPIDAE
  THELXIOPE BARBATA
DORIPPIDAE
  ETHUSA MICROPHTHALMA
  ETHUSA SP
PALICIDAE (=CYMOPOLIDAE)

TABLE 1 CONT.'D

PALICUS OBESUS
PALICUS SP
DROMIIDAE
HYPOCONCHA SPINOSISSIMA
CALAPPIDAE
ACANTHOCARPUS ALEXANDRI
CALAPPA SULCATA
HEPATUS EPHELITICUS
OSACHILA SP (NEAR ACUTA)
OSACHILA SP
LEUCOSIIDAE
MYROPSIS QUINQUESPINOSA
PERSEPHONA MEDITERRANEA
PERSEPHONA CRINITA
ILIACANTHA INTERMEDIA
ILIACANTHA LIODACTYLUS
EBALIA STIMPSONI
LEUCOSID SP
RANINIDAE
RANINOIDES LOUISIANENSIS
RANINOIDES LAMARCKI
RANINOIDES LOEVIS
MAJIDAE
AMASIMUS LATUS
COLLODES LEPTOCHELES
LIBINIA EMARGINATA
PODOCHELA SIDNEYI
STENORYNCHUS SETICORNIS
STENOCIONOPS SPINOSISSIMA
MAJID SP
PARTHENOPIDAE
LEIOLAMBRUS NITIDUS
PARTHENOPE SERRATA
HETEROCRYPTA GRANULATA
PORTUNIDAE
ARENAEUS CRIBRARIUS
CALLINECTES SAPIDUS
CALLINECTES SIMILIS
OVALIPES FLORIDANUS
PORTUNUS GIBBESII
PORTUNUS SPINICARPUS
PORTUNUS SPINIMANUS
XANTHIDAE
CF TETRAXANTHUS SP
CF PANOPEUS SP
HEXAPANOPEUS PAULENSIS
HEXAPANOPEUS ANGUSTIFRONS
PILUMNUS DASYPODUS

TABLE 1 CONT.'D

PILUMNUS SP (NEAR DIOMEDEAE)
XANTHID SP
GONEPLACIDAE
CHASMOCARCINUS MISSISSIPPIENSIS
SPEOCARCINUS LOBATUS
GLYPTOPLAX SMITHI
PSEUDORHOMBILA QUADRIDENTATA
THALASSOPLAX ANGUSTA
EUCRATODES AGASSIZI
FREVILLEA BARBATA
EUPHROSYNOPLAX CLAUSA
GONEPLACID SP
PINNOTHERIDAE
PINNIXA CF CHAETOPTERANA
PINNIXA CF RETINENS
PINNIXA SAYANA
PARAPINNIXA CF HENDERSONI
PARAPINNIXA SP
PINNIXA SP
PINNOTHERES MACULATUS
PHYLUM ECHINODERMATA
CLASS ASTEROIDEA
ASTROPECTEN DUPLICATUS
ASTROPECTEN CINGULATUS
ASTROPECTEN SP
LUIDIA CLATHRATA
LUIDIA ALTERNATA
TETHYASTER VESTITUS
ASTEROID SPA
ASTEROID SP
CLASS OPHIUROIDEA
AMPHIODIA PULCHELLA
MICROPHOLIS ATRA
OPHIOTHRIX ANGULATA
OPHIUROIDEA (UNIDENTIFIED)
CLASS ECHINOIDEA
ORDER ARBACIOIDA
SEA URCHIN (UNIDENTIFIED)
ORDER CLYPEASTEROIDEA
CLYPEASTER RAVENELLII
ORDER SPATANGOIDA
BRISSOPSIS ALTA
MOIRA ATROPOS
ECHINOID SPA
ECHINOID (UNIDENTIFIED)
CLASS HOLOTHUROIDEA
ORDER DENDROCHIROTIDAE
HOLOTHUROID (UNIDENTIFIED)

TABLE 1 CONT.'D

PHYLLOPHORIDAE
HOLOTHUROID (UNIDENTIFIED)
ORDER APODIDA
SYNAPTIDAE
PROTANKYRA ABYSSICOLA
MYRIOTROCHIDAE
MYRIOTROCHUS CF VITREUS
ORDER MOLPADIIDA
MOLPADIIDAE
MOLPADIA ADAMANENSIS
PHYLUM CHORDATA
UROCHORDATA
CLASS ASCIDIACEAE
STYELA PLICATA
STYELA SP
MOLGULA CF MANHATTENSIS
MOLGULA SP
ASCIDIA INTERRUPTA
DIDEMNIDAE
COMPOUND ASCIDIAN (UNIDENTIFIED)
HEMICHORDATA
BRANCHIOSTOMA CARIBAEUM
PTYCHODERA SP

TABLE 2

LIST OF INVERTEBRATE EPIFAUNAL SPECIES
AND THEIR ABUNDANCES FOR EACH TRAWL COLLECTION.
SPECIES ARE RANKED BY ABUNDANCE

Explanation of Table 2:

RANK	Species ranked by total day-night abundance
M	Males
FM	Females
FAE	Females with eggs
DIVERSITY	Shannon-Wiener diversity index
PIE	Hurlbert's Probability of Interspecific Encounter
EQUITABILITY	Lloyd and Ghelardi's measure of evenness

TABLE 2

STATION 1 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS	31	8	21		791	43	129		822	51	150	
2	ACETES AMERICANA	114	4	12		19	13	5		133	17	17	
3	SICYONIA DORSALIS	4		4		85	21	64		89	21	68	
4	SQUILLA EMPUSA	58	18	40		26	12	14		84	30	54	
5	CALLINECTES SIMILIS					21	7	14		21	7	14	
6	PENAEUS SETIFERUS	4	1	3		12	3	9		16	4	12	
7	CANTHARUS CANCELLARIA	3				7				10			
8	PORCELLANA SAYANA	3	1	1	1	4	3	1		7	4	2	1
9	LUIDIA CLATHRATA					6				6			
10	PORTUNUS GIBBESII					5	2	3		5	2	3	
11	PAGURUS POLLICARIS	1				2				3			
12	ACTINARIA	1				1				2			
13	HEPATUS EPHELITICUS					1	1			1	1		
14	LIBINIA EMARGINATA	1	1							1	1		
15	LATREUTES PARVULUS	1		1						1		1	
16	PENAEUS DUORARUM	1		1						1		1	
17	PERSEPHONA MEDITERRANEA					1	1			1	1		
18	REMILLA MULLERI					1				1			
19	ALPHEUS SP					1		1		1		1	
	NO. OF SPECIES	12				16				19			
	NO. OF INDIVIDUALS	222	33	83	1	983	106	240		1205	139	323	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	1	19	1205	1.7281	.5120	.2105

TABLE 2 CONT.'D

STATION 2 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F∧E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F∧E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F∧E
1	ASTROPECTEN DUPLICATUS	9				24				33			
2	SICYONIA DORSALIS	5		5		18	8	10		23	8	15	
3	TRACHYPENAEUS SIMILIS					16	4	12		16	4	12	
4	CALLINECTES SIMILIS	1		1		7	2	5		8	2	6	
5	PORTUNUS SPINICARPUS	3	1	2		2	1	1		5	2	3	
6	MOLPADIA ADAMANENSIS					5				5			
7	PENAEUS AZTECUS	1		1		3	1	2		4	1	3	
8	LEIOLAMBRUS NITIDUS	1		1						1		1	
9	MOIRA ATROPOS					1				1			
10	ATRINA SEMINUDA					1				1			
11	HEXAPANOPEUS SP					1				1			
12	PITAR CORDATUS	1								1			
13	CHASMOCARCINUS MISSISSIPPIENSI					1		1		1		1	
	NO. OF SPECIES	7				11				13			
	NO. OF INDIVIDUALS	21	1	10		79	16	31		100	17	41	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	1	13	100	2.7511	.8071	.7692

TABLE 2 CONT.'D

STATION 3 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SQUILLA CHYDAEA					4	1	3		4	1	3	
2	SOLENOCERA VIOSCAI					2		2		2		2	
3	AMUSIUM PAPYRACEUS					2				2			
4	ANASIMUS LATUS					1			1	1			1
5	MYROPSIS QUINQUESPINOSA					1	1			1	1		
6	MUNIDA FORCEPS					1				1			
7	PAGURUS BULLISI					1				1			
8	ETHUSA MICROPHTHALMA					1	1			1	1		
9	PARAPENAEUS LONGIROSTRIS					1		1		1		1	
10	PORTUNUS SPINIMANUS					1		1		1		1	
11	PAGURISTES CF MOOREI					1	1			1	1		
12	SPEOCARCINUS LOBATUS					1	1			1	1		
13	ACANTHOCARPUS ALEXANDRI					1				1			
14	HEXAPANOPEUS SP					1	1	1		1	1	1	
	NO. OF SPECIES					14				14			
	NO. OF INDIVIDUALS					19	6	8	1	19	6	8	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	1	14	19	3.6223	.9532	1.2143

TABLE 2 CONT.'D

STATION 4 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	TRACHYPENAEUS SIMILIS	34	7	23		358	91	250		392	98	273	
2	SICYONIA DORSALIS	3	2	1		171	42	127		174	44	128	
3	SQUILLA EMPUSA	7	3	4		55	19	36		62	22	40	
4	ACETES AMERICANA	29				14	2	9		43	2	9	
5	CANTHARUS CANCELLARIA					41				41			
6	PORTUNUS GIBBESII	1	1			39	18	18	3	40	19	18	3
7	PENAEUS SETIFERUS	6	4	2		4	2	2		10	6	4	
8	CALLINECTES SIMILIS	1	1			8	4	4		9	5	4	
9	PAGURUS POLLICARIS					8				8			
10	POLINICES DUPLICATUS					7				7			
11	PORTUNUS SPINIMANUS					6	2	4		6	2	4	
12	PERSEPHONA MEDITERRANEA					6	2	4		6	2	4	
13	BUSYCON CONTRARIUM					3				3			
14	EUPHROSYNOPLAX CLAUSI					3				3			
15	PERSEPHONA CRINITA					2	1	1		2	1	1	
16	PORCELLANA SIGSBEIANA					2	1	1		2	1	1	
17	HEPATUS EPHELITICUS					2		2		2		2	
18	ANADARA NOTABILIS					2				2			
19	RENILLA MULLERI					1				1			
20	TRACHYPENAEUS CONSTRICTUS					1		1		1		1	

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
21	LUIDIA CLATHRATA					1				1			
22	THAIS HAEMASTOMA HAYSAE					1				1			
23	HEPATUS PUDIBUNDUS					1	1			1	1		
	NO. OF SPECIES	7				23				23			
	NO. OF INDIVIDUALS	81	18	30		736	185	459	3	817	203	489	3

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	1	23	817	2.5045	.7112	.3478

TABLE 2 CONT.'D

STATION 5 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS	2	1	1		32	22	10		34	23	11	
2	ASTROPECTEN DUPLICATUS	12				4				16			
3	CALLINECTES SIMILIS	5		2		10	1	4	5	15	1	6	5
4	ASTROPECTEN CINGULATUS	6				2				8			
5	SOLENOCERA VIOSCAI					7	1	5		7	1	5	
6	AMUSIUM PAPYRACEUS	2				5				7			
7	TETHYASTER VESTITUS					5				5			
8	SICYONIA DORSALIS					4	2	2		4	2	2	
9	POLYSTIRA ALBIDA	1				2				3			
10	SQUILLA CHYDAEA					3		3		3		3	
11	RANINOIDES LOUISIANENSIS					2		2		2		2	
12	PROCESSA HEMPHILLI					2			2	2			2
13	STENORYNCHUS SETICORNIS	2	2							2	2		
14	PARAPENAEUS LONGIROSTRIS	1		1		1		1		2		2	
15	SICYONIA BREVIROSTRIS	1		1						1		1	
16	CALAPPA SULCATA	1								1			
17	SCONSIA STRIATA					1				1			
18	CALOCARIS OXYPLEURA					1			1	1			1
	NO. OF SPECIES	10				15				18			
	NO. OF INDIVIDUALS	33	3	5		81	26	27	8	114	29	32	8

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	1	18	114	3.3648	.8631	.8333

TABLE 2 CONT.'D

STATION 6 TRANSECT 1 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	3				4				7			
2	PENAEUS AZTECUS					6	3	3		6	3	3	
3	PARAPANDALUS CF LONGICAUDA					6		1	5	6		1	5
4	SOLENOCERA VIOSCAI					4		4		4		4	
5	POLYSTIRA ALBIDA	4								4			
6	PORTUNUS SPINICARPUS	3		1	2	1	1			4	1	1	2
7	SQUILLA CHYDAEA					3		3		3		3	
8	ASTROPECTEN DUPLICATUS	1				1				2			
9	ASTROPECTEN CINGULATUS	1				1				2			
10	MUNIDA FORCEPS	1	1							1	1		
11	PAGURUS BULLISI					1				1			
12	GONEPLACIDAE					1				1			
13	ACTINARIA	1								1			
	NO. OF SPECIES	7				10				13			
	NO. OF INDIVIDUALS	14	1	1	2	28	4	11	5	42	5	12	7

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	1	13	42	3.4116	.9141	1.0769

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD WINTER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	TRACHYPENAEUS SIMILIS					297	49	224		297	49	224	
2	SICYONIA DORSALIS	6	3	1		33	7	26		39	10	27	
3	RENILLA MULLERI	12				8				20			
4	SQUILLA EMPUSA					17	8	9		17	8	9	
5	SQUILLA CHYDAEA					10	3	7		10	3	7	
6	PENAEUS SETIFERUS					8	5	3		8	5	3	
7	CALLINECTES SIMILIS	1	1			1	1			2	2		
8	ANADARA OVALIS	2								2			
9	CANTHARUS CANCELLARIA	1								1			
10	ASTROPECTEN DUPLICATUS					1				1			
	NO. OF SPECIES	5				8				10			
	NO. OF INDIVIDUALS	22	4	1		375	73	269		397	77	270	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	10	397	1.4239	.4263	.3000

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SOLENOCERA VIOSCAI					52	17	35		52	17	35	
2	TRACHYPENAEUS SIMILIS	1		1		28	2	26		29	2	27	
3	PENAEUS AZTECUS	2		2		16	8	8		18	8	10	
4	SICYONIA DORSALIS	1		1		16	4	12		17	4	13	
5	SQUILLA CHYDAEA					13	5	8		13	5	8	
6	ASTROPECTEN DUPLICATUS	4				4				8			
7	CALLINECTES SIMILIS					7	3	2	2	7	3	2	2
8	RENILLA MULLERI	1				1				2			
9	PARAPENAEUS LONGIROSTRIS					2	1	1		2	1	1	
10	ANASIMUS LATUS					1		1		1		1	
	NO. OF SPECIES	5				10				10			
	NO. OF INDIVIDUALS	9		4		140	40	93	2	149	40	97	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	10	149	2.6759	.8050	.9000

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD WINTER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	SOLENOCERA VIOSCAI	1	1			8	2	6		9	3	6	
2	PORTUNUS SPINICARPUS	2	2			6	3	1	2	8	5	1	2
3	ANASIMUS LATUS					4	2		2	4	2		2
4	ASTROPECTEN DUPLICATUS	2				1				3			
5	THALASSOPLAX ANGUSTA	2	2							2	2		
6	ETHUSA MICROPHTHALMA					2	2			2	2		
7	SICYONIA STIMPSONI					2		2		2		2	
8	AURINIOPSIS KIENERI	2								2			
9	PILUMNUS SP					2	2			2	2		
10	ACANTHOCARPUS ALEXANDRI	2	1	1						2	1	1	
11	BRISSOPSIS ALTA					2				2			
12	ANTILLOPHOS CANDEI	2								2			
13	AMUSIUM PAPYRACEUS	2								2			
14	AEQUIPECTEN GLYPTUS					1				1			
15	ACTINARIA	1								1			
16	CARIDEA					1				1			
17	EUPHROSYNOPLAX CLAUSI					1	1			1	1		
18	ANADARA NOTABILIS	1								1			
19	CRASSISPIRA SPA	1								1			
20	PARAPENAEUS LONGIROSTRIS	1		1						1		1	

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
21	PENAEUS AZTECUS					1		1		1		1	
22	SQUILLA EMPUSA	1		1						1		1	
23	PITAR CORDATUS					1				1			
	NO. OF SPECIES	13				13				23			
	NO. OF INDIVIDUALS	29	6	3		32	12	10	4	52	18	13	4

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	23	52	4.1056	.9382	1.0435

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS					176	36	131		176	36	131	
2	SICYONIA DORSALIS	7	2	5		98	39	59		105	41	64	
3	SOLENOCERA VIOSCAI					35	23	12		35	23	12	
4	SQUILLA CHYDAEA					16	10	6		16	10	6	
5	PENAEUS AZTECUS	3	2	1		9	5	4		12	7	5	
6	RENILLA MULLERI	6				1				7			
7	PORTUNUS SPINICARPUS					6	5	1		6	5	1	
8	PERICLIMENES MAGNUS					2				2			
9	CALLINECTES SIMILIS					1		1		1		1	
10	ACETES AMERICANA	1		1						1		1	
11	ASTROPECTEN DUPLICATUS					1				1			
12	SQUILLA EMPUSA					1	1			1	1		
	NO. OF SPECIES	4				11				12			
	NO. OF INDIVIDUALS	17	4	7		346	119	214		363	123	221	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	12	363	2.0566	.6741	.5000

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	14				31				45			
2	PENAEUS AZTECUS	8	5	3		31	17	14		39	22	17	
3	ANADARA NOTABILIS					12				12			
4	PITAR CORDATUS	1				11				12			
5	CALLINECTES SIMILIS	1		1		10	1	6	3	11	1	7	3
6	SQUILLA CHYDAEA					11	5	6		11	5	6	
7	ASTROPECTEN CINGULATUS					5				5			
8	MICROPANOPE SCULPTIPES					5	3	2		5	3	2	
9	RANINOIDES LOUISIANENSIS	2	2			2				4	2		
10	SOLENOCERA VIOSCAI					3		3		3		3	
11	SICYONIA BREVIROSTRIS					3		3		3		3	
12	PORTUNUS SPINICARPUS					2	2			2	2		
13	LEIOLAMBRUS NITIDUS					2	1	1		2	1	1	
14	EUPHROSYNOPLAX CLAUSI					2	1	1		2	1	1	
15	ANASIMUS LATUS					1		1		1		1	
16	ASTROPECTEN DUPLICATUS	1								1			
17	MUNIDA FORCEPS					1	1			1	1		
	NO. OF SPECIES	6				16				17			
	NO. OF INDIVIDUALS	27	7	4		132	31	37	3	159	38	41	3

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	17	159	3.1537	.8401	.7647

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	AMUSIUM PAPYRACEUS	18				14				32			
2	PENAEUS AZTECUS	4	4			3	2	1		7	6	1	
3	PARAPENAEUS LONGIROSTRIS	1		1		1	1			2	1	1	
4	PORTUNUS SPINICARPUS					1	1			1	1		
5	RENILLA MULLERI	1								1			
6	SOLENOCERA VIOSCAI					1		1		1		1	
7	ALPHEUS SP					1				1			
8	ACTINARIA					1				1			
	NO. OF SPECIES	4				7				8			
	NO. OF INDIVIDUALS	24	4	1		22	4	2		46	8	3	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	8	46	1.5772	.4995	.5000

TABLE 2 CONT.'D

STATION 1 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	TRACHYPENAEUS SIMILIS	3	1	2		240	14	51		243	15	53	
2	RENILLA MULLERI	16				180				196			
3	STICYONIA DORSALIS	2	2			32	8	10		34	10	10	
4	PERSEPHONA CRINITA					16	13	3		16	13	3	
5	PENAEUS AZTECUS	2	2			10	5	5		12	7	5	
6	CALLINECTES SIMILIS	1	1			8	5	3		9	6	3	
7	PENAEUS DUORARUM	1	1			4	2	2		5	3	2	
8	ANASIMUS LATUS					5	1	4		5	1	4	
9	ASTROPECTEN DUPLICATUS	4								4			
10	PORTUNUS GIBBESII					3		3	1	3		3	1
11	SQUILLA EMPUSA					2	2			2	2		
12	HEPATUS EPHELITICUS					1	1			1	1		
13	SQUILLA CHYDAEA					1	1			1	1		
14	PLEUROBRANCHAEA HEDGPETHI					1				1			
15	PENAEUS SETIFERUS	1								1			
16	CYPHOMA INTERMEDIUM					1				1			
17	CALAPPA SULCATA					1	1			1	1		
	NO. OF SPECIES	8				15				17			
	NO. OF INDIVIDUALS	30	7	2		505	53	81	1	535	60	83	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	3	17	535	2.0299	.6547	.3529

TABLE 2 CONT.'D

STATION 2 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SOLENOCERA VIOSCAI					19				19			
2	PENAEUS AZTECUS	2	2			6	5	1		8	7	1	
3	ASTROPECTEN DUPLICATUS					8				8			
4	TRACHYPENAEUS SIMILIS	1		1		6	2	4		7	2	5	
5	CALLINECTES SIMILIS	4	1	2	1	3	3			7	4	2	1
6	SQUILLA CHYDAEA					6	5	1		6	5	1	
7	AMUSIUM PAPYRACEUS	1				3				4			
8	ASTROPECTEN CINGULATUS	4								4			
9	TETHYASTER VESTITUS	3								3			
10	PITAR CORDATUS	2								2			
11	SICYONIA DORSALIS					2				2			
12	LEIOLAMBRUS NITIDUS	2		2						2		2	
13	PORTUNUS SPINICARPUS	2	1	1						2	1	1	
14	ALPHEUS SP	1								1			
15	PORTUNUS SPINIMANUS					1	1			1	1		
16	SICYONIA STIMPSONI					1				1			
17	PARAPENAEUS LONGIROSTRIS					1		1		1		1	
18	RANINOIDES LOUISIANENSIS					1			1	1			1
	NO. OF SPECIES	14				12				18			
	NO. OF INDIVIDUALS	22	4	6	1	57	16	7	1	79	20	13	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	3	18	79	3.6227	.9017	1.0000

TABLE 2 CONT.'D

STATION 3 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	ANASIMUS LATUS	17	7	1	9	4			4	21	7	1	13
2	PORTUNUS SPINICARPUS	12	6	4	2	5	2	3		17	8	7	2
3	AMUSIUM PAPYRACEUS	5				11				16			
4	BRISSOPSIS ALTA	6				1				7			
5	ASTROPECTEN CINGULATUS	4								4			
6	MYROPSIS QUINQUESPINOSA	2	1	1						2	1	1	
7	ACTINARIA	1				1				2			
8	RANINOIDES LOUISIANENSIS	1			1					1			1
9	COLLODES LEPTOCHELES	1	1							1	1		
10	ACANTHOCARPUS ALEXANDRI	1			1					1			1
11	PODOCHELA SIDNEYI	1	1							1	1		
12	SQUILLA CHYDAEA	1		1						1		1	
13	SCONSIA STRIATA	1								1			
14	PILUMNUS SP	1								1			
	NO. OF SPECIES	14				5				14			
	NO. OF INDIVIDUALS	54	16	7	13	22	2	3	4	76	18	10	17

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	3	14	76	2.8661	.8263	.7857

TABLE 2 CONT.'D

STATION 4 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS					291	11	63		291	11	63	
2	RENILLA MULLERI	8				1				9			
3	PENAEUS DUORARUM					9	5	4		9	5	4	
4	SICYONIA DORSALIS	1				7	3	2		8	3	2	
5	SQUILLA EMPUSA					7		7		7		7	
6	ACETES AMERICANA	2								2			
7	CALAPPA SULCATA					1		1		1		1	
8	PENAEUS SETIFERUS					1	1			1	1		
	NO. OF SPECIES	3				7				8			
	NO. OF INDIVIDUALS	11				317	20	77		328	20	77	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	3	8	328	.7841	.2109	.2500

TABLE 2 CONT.'D

STATION 5 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	SICYONIA DORSALIS					63	40	23		63	40	23	
2	SOLENOCERA VIOSCAI					60	15	39		60	15	39	
3	TRACHYPENAEUS SIMILIS					47	4	39		47	4	39	
4	ASTROPECTEN DUPLICATUS					30				30			
5	RENILLA MULLERI					21				21			
6	SQUILLA CHYDAEA					20	5	15		20	5	15	
7	PENAEUS AZTECUS					19	8	11		19	8	11	
8	CALLINECTES SIMILIS					4	1	3	1	4	1	3	1
9	PARAPENAEUS LONGIROSTRIS					1		1		1		1	
10	ANASIMUS LATUS					1				1			
11	SQUILLA EMPUSA					1	1			1	1		
12	SICYONIA BREVIROSTRIS					1		1		1		1	
13	PERSEPHONA CRINITA					1	1			1	1		
	NO. OF SPECIES					13				13			
	NO. OF INDIVIDUALS					269	75	132	1	269	75	132	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	3	13	269	2.8470	.8387	.8462

TABLE 2 CONT.'D

STATION 6 TRANSECT 3 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS	3	2		1	23	10	8	5	26	12	8	6
2	ANASIMUS LATUS	2			2	15	5		10	17	5		12
3	BRISSOPSIS ALTA	1				15				16			
4	AMUSIUM PAPYRACEUS	7				2				9			
5	ACANTHOCARPUS ALEXANDRI	1	1			4	4			5	5		
6	SOLENOCERA VIOSCAI					4		4		4		4	
7	TETHYASTER VESTITUS	2				2				4			
8	ASTROPECTEN CINGULATUS	3								3			
9	AURINIOPSIS KIENERI					3				3			
10	ACTINARIA					2				2			
11	RANINOIDES LOUISIANENSIS	1	1							1	1		
12	COLLODES LEPTOCHELES					1		1		1		1	
13	EUPHROSYNOPLAX CLAUSI					1			1	1			1
14	PAGURUS BULLISI	1								1			
15	MYROPSIS QUINQUESPINOSA	1	1							1	1		
16	PORCELLANA SIGSBEIANA					1		1		1		1	
17	ANADARA NOTABILIS					1				1			
18	PENAEUS AZTECUS	1	1							1	1		
	NO. OF SPECIES	11				13				18			
	NO. OF INDIVIDUALS	23	6		3	74	19	14	16	97	25	14	19

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	3	18	97	3.2719	.8613	.7778

TABLE 2 CONT.'D

STATION 1 TRANSECT 4 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	TRACHYPENAEUS SIMILIS					696	22	57		696	22	57	
2	SICYONIA DORSALIS	5	2	1		84	24	48		89	26	49	
3	SQUILLA EMPUSA					24	14	10		24	14	10	
4	CALLINECTES SIMILIS					13	5	8		13	5	8	
5	SQUILLA CHYDAEA					11	6	5		11	6	5	
6	CALAPPA SULCATA					7	4	2		7	4	2	
7	PENAEUS AZTECUS					7	2	5		7	2	5	
8	PORTUNUS GIBBESII					4	4			4	4		
9	RENILLA MULLERI					2				2			
10	PERSEPHONA CRINITA					2	1	1		2	1	1	
11	PENAEUS DUORARUM					1	1			1	1		
12	PORTUNUS SPINIMANUS	1			1					1			1
13	ALPHEUS SP					1				1			
	NO. OF SPECIES	2				12				13			
	NO. OF INDIVIDUALS	6	2	1	1	852	83	136		858	85	137	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	4	13	858	1.1265	.3383	.2348

TABLE 2 CONT.'D

STATION 2 TRANSECT 4 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS	13	4	9		71	35	36		84	39	45	
2	TRACHYPENAEUS SIMILIS	13	3	10		23	3	16		36	6	26	
3	SQUILLA CHYDAEA	1		1		21	9	11		22	9	12	
4	SOLENOCERA VIOSCAI					21	4	13		21	4	13	
5	ASTROPECTEN DUPLICATUS	2				3				5			
6	CALLINECTES SIMILIS	3	1	1	1	1		1		4	1	2	1
7	PENAEUS AZTECUS					4	3	1		4	3	1	
8	PITAR CORDATUS	3								3			
9	CONUS AUSTINI	2								2			
10	SQUILLA EMPUSA					1	1			1	1		
11	RANINOIDES LOUISTANENSIS	1	1							1	1		
12	PERICLIMENES MAGNUS					1				1			
13	MOLPADIA ADAMANENSIS	1								1			
	NO. OF SPECIES	9				9				13			
	NO. OF INDIVIDUALS	39	9	21	1	146	55	78		185	64	99	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	4	13	185	2.4122	.7307	.6154

TABLE 2 CONT.'D

STATION 3 TRANSECT 4 PERIOD WINTER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	F&E	TOTAL	M	FM	F&E	INDIV	M	FM	F&E
1	POLYSTIRA ALBIDA	20				67				87			
2	PORTUNUS SPINICARPUS	21	10	5	6	40	23	6	11	61	33	11	17
3	PAGURISTES CF MOOREI	2	1			18	6	2	5	20	7	2	5
4	TETHYASTER VESTITUS	8				8				16			
5	AMUSIUM PAPYRACEUS	8				2				10			
6	ANASIMUS LATUS	3	1		2	5	2	1	2	8	3	1	4
7	PENAEUS AZTECUS	1		1		5	3	2		6	3	3	
8	ASTROPECTEN DUPLICATUS	4				2				6			
9	PORCELLANA SIGSBEIANA	3				3	1	1	1	6	1	1	1
10	CALAPPA SULCATA	2	2			2	2			4	4		
11	DARDANUS INSIGNIS					3				3			
12	CLYPEASTER RAVENELLII					3				3			
13	ANADARA NOTABILIS					2				2			
14	ETHUSA MICROPHTHALMA					2	2			2	2		
15	DISTORSIO CLATHRATA	2								2			
16	SQUILLA CHYDAEA					2	1			2	1		
17	SOLENOCERA VIOSCAI					1	1			1	1		
18	RANINOIDES LOUISIANENSIS					1	1			1	1		
19	MICROPANOPE SCULPTIPES					1	1			1	1		
20	ANTILLOPHOS CANDEI					1				1			

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
21	CALLINECTES SIMILIS					1		1		1		1	
22	CONUS AUSTINI					1				1			
23	BRISSOPSIS ALTA	1								1			
24	CRASSISPIRA SPA	1								1			
	NO. OF SPECIES	13				21				24			
	NO. OF INDIVIDUALS	76	14	6	8	170	43	13	19	246	57	19	27

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	4	24	246	3.0614	.8804	.5000

TABLE 2 CONT.'D

STATION 4 TRANSECT 4 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS	3		3		72	34	37		75	34	40	
2	SICYONIA DORSALIS	2				40	13	27		42	13	27	
3	PENAEUS DUORARUM					22	7	15		22	7	15	
4	PENAEUS AZTECUS	14	11	3						14	11	3	
5	SQUILLA EMPUSA	3	1	2		8	1	7		11	2	9	
6	PORTUNUS GIBBESII					10	6	2	2	10	6	2	2
7	PENAEUS SETIFERUS	2		2						2		2	
8	LEPTOCHELA SERRATORBITA					1				1			
9	CALLINECTES SIMILIS					1		1		1		1	
10	PORTUNUS SPINIMANUS					1	1			1	1		
	NO. OF SPECIES	5				8				10			
	NO. OF INDIVIDUALS	24	12	10		155	62	89	2	179	74	99	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	4	10	179	2.3574	.7452	.7008

STATION 5 TRANSECT 4 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	TRACHYPENAEUS SIMILIS					51	7	44		51	7	44	
2	SICYONIA DORSALIS	1	1			16	4	11		17	5	11	
3	SQUILLA CHYDAEA					15	4	11		15	4	11	
4	PENAEUS AZTECUS	1	1			11	5	6		12	6	6	
5	ASTROPECTEN DUPLICATUS					7				7			
6	CALLINECTES SIMILIS					3		3		3		3	
7	SQUILLA EMPUSA					3		3		3		3	
8	TRACHYPENAEUS CONSTRICTUS					2		2		2		2	
9	ALPHEUS FLORIDANUS					1	1			1	1		
10	PERICLIMENES MAGNUS					1		1		1		1	
11	RENILLA MULLERI					1				1			
	NO. OF SPECIES	2				11				11			
	NO. OF INDIVIDUALS	2	2			111	21	81		113	23	81	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	4	11	113	2.4741	.7456	.7273

TABLE 2 CONT.'D

STATION 6 TRANSECT 4 PERIOD WINTER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	SQUILLA CHYDAEA					9	5	4		9	5	4	
2	PENAEUS AZTECUS	1	1			5	2	3		6	3	3	
3	SOLENOCERA VIOSCAI					6	3	3		6	3	3	
4	SICYONIA STIMPSONI					5		5		5		5	
5	PARAPENAEUS LONGIROSTRIS					3		3		3		3	
6	PORTUNUS SPINICARPUS	1		1		2	1			3	1	1	
7	POLYSTIRA ALBIDA					3				3			
8	CALLINECTES SIMILIS	1	1			2		2		3	1	2	
9	AMUSIUM PAPYRACEUS					2				2			
10	ASTROPECTEN CINGULATUS	1								1			
11	ASTROPECTEN DUPLICATUS	1								1			
12	TRACHYPENAEUS SIMILIS					1		1		1		1	
13	PAGURISTES TRIANGULATUS	1	1							1	1		
14	PITAR CORDATUS					1				1			
	NO. OF SPECIES	6				11				14			
	NO. OF INDIVIDUALS	6	3	1		39	11	21		45	14	22	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	4	14	45	3.4492	.9101	1.0714

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD MARCH 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	TRACHYPENAEUS SIMILIS	82	13	62		254	32	48		336	45	110	
2	SICYONIA DORSALIS	1	1			84	24	60		85	25	60	
3	SQUILLA EMPUSA	27	16	11		52	30	22		79	46	33	
4	ACETES AMERICANA	17	5	9		5	5			22	10	9	
5	CALLINECTES SIMILIS					18	11	6	1	18	11	6	1
6	SQUILLA CHYDAEA	4	1	3		9	3	6		13	4	9	
7	PENAEUS SETIFERUS	8	3	5		4	1	3		12	4	8	
8	RENILLA MULLERI	1				7				8			
9	PENAEUS AZTECUS	1		1		4	1	3		5	1	4	
10	PORTUNUS GIBBESII	3		1	2	2		1	1	5		2	3
11	ALPHEUS FLORIDANUS					2			2	2			2
12	PENAEUS DUORARUM	2		2						2		2	
13	SICYONIA BREVIROSTRIS					1	1			1	1		
14	PORTUNUS SPINIMANUS					1		1		1		1	
15	PERSEPHONA CRINITA					1	1			1	1		
	NO. OF SPECIES	14				14				15			
	NO. OF INDIVIDUALS	146	39	94	2	444	109	150	4	590	148	244	6

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	15	590	2.1265	.6345	.4000

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD MARCH 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	TRACHYPENAEUS SIMILIS	2		2		55	11	43		57	11	45	
2	SOLENOCERA VIOSCAI					57	17	40		57	17	40	
3	ASTROPECTEN DUPLICATUS	21				8				29			
4	CALLINECTES SIMILIS	10	3	7		10	4	6		20	7	13	
5	SQUILLA CHYDAEA	1		1		16	4	12		17	4	13	
6	PENAEUS AZTECUS	4	1	3		9	4	5		13	5	8	
7	SICYONIA DORSALIS					12	3	9		12	3	9	
8	PORTUNUS SPINICARPUS	2		2		6	3	3		8	3	5	
9	PITAR CORDATUS	5				1				6			
10	ANASIMUS LATUS	2	2			3	2	1		5	4	1	
11	AMOSIUM PAPYRACEUS	1				1				2			
12	SQUILLA EMPUSA					2	2			2	2		
13	PARAPENAEUS LONGIROSTRIS					2	1	1		2	1	1	
14	MICROPANOPE SCULPTIPES					1		1		1		1	
15	MOIRA ATROPOS	1								1			
16	BRISSOPSIS ALTA					1				1			
17	MOLPADIA ADAMANENSIS					1				1			
18	ANADARA NOTABILIS	1								1			
19	MACOMA PULLEYI	1								1			
20	BUSYCON CONTRARIUM					1				1			

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
21	SICYONIA BREVIROSTRIS					1	1			1	1		
22	CORBULA CONTRACTA					1				1			
	NO. OF SPECIES	12				19				22			
	NO. OF INDIVIDUALS	51	6	15		188	52	121		239	58	136	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	22	239	3.2619	.8554	.6364

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD MARCH 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	PORTUNUS SPINICARPUS	16	7	5	4	6	3	2	1	22	10	7	5
2	BRISSOPSIS ALTA	16				1				17			
3	PARAPENAEUS LONGIROSTRIS	3		3		7	1	5		10	1	8	
4	ANASIMUS LATUS	5	1		4	5	4		1	10	5		5
5	PORCELLANA SIGSBEIANA	6	3	1	2	1	1			7	4	1	2
6	ASTROPECTEN CINGULATUS	3				1				4			
7	ACANTHOCARPUS ALEXANDRI	2	1	1		2	2			4	3	1	
8	PAGURUS BULLISI	1				2				3			
9	TETHYASTER VESTITUS	1				2				3			
10	SOLENOCERA VIOSCAI					2		2		2		2	
11	GONEPLACIDAE	1				1				2			
12	ETHUSA MICROPHTHALMA	1			1	1				2			1
13	PILUMNUS SP	2								2			
14	STENOPUS SCUTELLATUS					1			1	1			1
15	ACTINARIA	1								1			
16	STYELA PLICATA	1								1			
17	RANINOIDES LOUISIANENSIS	1	1							1	1		
18	COLLODES LEPTOCHELES	1	1							1	1		
19	MUNIDA FORCEPS					1			1	1			1
	NO. OF SPECIES	16				14				19			
	NO. OF INDIVIDUALS	61	14	10	11	33	11	9	4	94	25	19	15

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	19	94	3.5051	.8856	.8947

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD MARCH 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS	1		1		200	22	53		201	22	54	
2	SICYONIA DORSALIS	7	2	5		153	54	98		160	56	103	
3	SQUILLA CHYDAEA					31	16	15		31	16	15	
4	SOLENOCERA VIOSCAI					14	5	9		14	5	9	
5	RENILLA MULLERI					9				9			
6	PENAEUS AZTECUS					9	2	7		9	2	7	
7	CALLINECTES SIMILIS					6	5	1		6	5	1	
8	SQUILLA EMPUSA					5	3	2		5	3	2	
9	ALPHEUS FLORIDANUS					1			1	1			1
10	ALPHEUS SP	1		1						1		1	
11	GONEPLACIDAE					1	1			1	1		
12	ANASIMUS LATUS					1	1			1	1		
13	PENAEUS SETIFERUS	1	1							1	1		
14	PORTUNUS SPINICARPUS					1	1			1	1		
15	LEIOLAMBRUS NITIDUS					1		1		1		1	
	NO. OF SPECIES	4				13				15			
	NO. OF INDIVIDUALS	10	3	7		432	110	186	1	442	113	193	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	15	442	2.0029	.6565	.4000

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD MARCH 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	AMUSIUM PAPYRACEUS	73				19				92			
2	SOLENOCERA VIOSCAI					76	33	42		76	33	42	
3	SQUILLA CHYDAEA	1		1		18	10	8		19	10	9	
4	ANADARA NOTABILIS	10				3				13			
5	ASTROPECTEN CINGULATUS	3				10				13			
6	PITAR CORDATUS	10				2				12			
7	PENAEUS AZTECUS	6	5	1		5	1	4		11	6	5	
8	CALLINECTES SIMILIS	1		1		6	2	4		7	2	5	
9	PORTUNUS SPINICARPUS	3	1	2		1	1			4	2	2	
10	TRACHYPENAEUS SIMILIS					4		3		4		3	
11	ANASIMUS LATUS					3	2	1		3	2	1	
12	RANINOIDES LOUISIANENSIS	1			1	2	1		1	3	1		2
13	PARAPENAEUS LONGIROSTRIS					3	2			3	2		
14	PSEUDORHOMBLIA QUADRIDENTATA					2	2			2	2		
15	ASTROPECTEN DUPLICATUS	1				1				2			
16	CALAPPA SULCATA	2	2							2	2		
17	GONEPLACIDAE					1	1			1	1		
18	SICYONIA STIMPSONI					1		1		1		1	
19	PROCESSA HEMPHILLI					1				1			
20	ACTINARIA	1								1			

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
21	ALPHEUS CF AMBLYONYX	1								1			
22	ALPHEUS SP	1								1			
23	ALPHEUS FLORIDANUS	1								1			
24	MACOMA PULLEYI	1								1			
25	SICYONIA BREVIROSTRIS					1		1		1		1	
	NO. OF SPECIES	16				19				25			
	NO. OF INDIVIDUALS	116	8	5	1	159	55	64	1	275	63	69	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	25	275	3.0577	.8002	.4800

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD MARCH 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	F^E	TOTAL	M	FM	F^E	INDIV	M	FM	F^E
1	AMUSIUM PAPYRACEUS	22				31				53			
2	ANADARA NOTABILIS	7				16				23			
3	ASTROPECTEN CINGULATUS	16				7				23			
4	ANASIMUS LATUS	3	1	2		12	6	5	1	15	7	7	1
5	SOLENOCERA VIOSCAI	2		1		6	1	4		8	1	5	
6	PARAPENAEUS LONGIROSTRIS	2		2		4		4		6		6	
7	POLYSTIRA ALBIDA	4				1				5			
8	ALPHEUS CF AMBLYONYX	4		3	1	1				5		3	1
9	PROCESSA HEMPHILLI					4		1	3	4		1	3
10	SQUILLA CHYDAEA	3		3		1		1		4		4	
11	PORTUNUS SPINICARPUS	1		1		2	1	1		3	1	2	
12	MUNIDA FORCEPS	2				1				3			
13	PLESIONIKA TENUIPES					3	1		2	3	1		2
14	PENAEUS AZTECUS	1		1		2	1	1		3	1	2	
15	MICROPANOPE SP					2	1	1		2	1	1	
16	STYELA PLICATA					2				2			
17	RANINOIDES LOUISIANENSIS	1			1	1	1			2	1		1
18	ACANTHOCARPUS ALEXANDRI					2	2			2	2		
19	NEOPANOPE SP					2	2			2	2		
20	STENORYNCHUS SETICORNIS	1	1							1	1		

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
21	ACTINARIA	1								1			
22	CALLINECTES SIMILIS	1		1						1		1	
23	PAGURUS BULLISI					1				1			
24	PANOPEUS					1	1			1	1		
	NO. OF SPECIES	16				21				24			
	NO. OF INDIVIDUALS	71	2	14	2	102	17	18	6	173	19	32	8

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	24	173	3.5213	.8601	.7083

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD APRIL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	TRACHYPENAEUS SIMILIS	2		2		416	46	34		418	46	36	
2	SICYONIA DORSALIS					35	13	21		35	13	21	
3	SQUILLA EMPUSA					26	16	10		26	16	10	
4	ACETES AMERICANA	5	4	1		20	18	1		25	22	2	
5	PENAEUS AZTECUS					6	3	3		6	3	3	
6	PENAEUS SETIFERUS	2	2			3	1	2		5	3	2	
7	SQUILLA CHYDAEA					2	1	1		2	1	1	
8	CALLINECTES SIMILIS					2	1	1		2	1	1	
9	RENILLA MULLERI					1				1			
10	ASTROPECTEN DUPLICATUS	1								1			
11	PORTUNUS GIBBESII					1		1		1		1	
	NO. OF SPECIES	4				10				11			
	NO. OF INDIVIDUALS	10	6	3		512	99	74		522	105	77	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	11	522	1.1973	.3499	.2727

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD APRIL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	SOLENOCERA VIOSCAI					82	19	63		82	19	63	
2	TRACHYPENAEUS SIMILIS					13		13		13		13	
3	PENAEUS AZTECUS					8	3	5		8	3	5	
4	PARAPENAEUS LONGIROSTRIS					7	4	3		7	4	3	
5	SQUILLA CHYDAEA					3		3		3		3	
6	PORTUNUS SPINICARPUS	1	1			2		2		3	1	2	
7	SICYONIA DORSALIS					1	1			1	1		
8	SICYONIA STIMPSONI					1	1			1	1		
	NO. OF SPECIES	1				8				8			
	NO. OF INDIVIDUALS	1	1			117	28	89		118	29	89	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	8	118	1.6092	.4996	.5000

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD APRIL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	PORTUNUS SPINICARPUS	1		1		41	11	19	11	42	11	20	11
2	BRISSOPSIS ALTA					33				33			
3	ANASIMUS LATUS	3	3			14	3		11	17	6		11
4	SOLENOCERA VIOSCAI					10	2	8		10	2	8	
5	EUPHROSYNOPLAX CLAUSI					4	1	2	1	4	1	2	1
6	PORCELLANA SIGSBEIANA	2	2			2		2		4	2	2	
7	SQUILLA CHYDAEA					3		3		3		3	
8	PARAPENAEUS LONGIROSTRIS					3		3		3		3	
9	AMUSIUM PAPYRACEUS	2								2			
10	RANINOIDES LOUISIANENSIS					2	1		1	2	1		1
11	ASTROPECTEN CINGULATUS					2				2			
12	ANTILLOPHOS CANDEI					1				1			
13	MICROCARDIUM PERMABILE	1								1			
14	COLLODES LEPTOCHELES					1	1			1	1		
15	TETHYASTER VESTITUS	1								1			
16	ASTROPECTEN SP	1								1			
17	NISO INTERRUPTA					1				1			
18	PENAEUS AZTECUS	1	1							1	1		
19	PAGURISTES CF MOOREI					1			1	1			1
	NO. OF SPECIES	8				14				19			
	NO. OF INDIVIDUALS	12	6	1		118	19	37	25	130	25	38	25

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	19	134	2.9722	.8103	.6316

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD APRIL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	TRACHYPENAEUS SIMILIS					50	13	35		50	13	35	
2	SOLENOCERA VIOSCAI					5	3	2		5	3	2	
3	PENAEUS AZTECUS					5	4	1		5	4	1	
4	SICYONIA DORSALIS					1		1		1		1	
5	ACETES AMERICANA					1		1		1		1	
6	RENILLA MULLERI					1				1			
7	PENAEUS SETIFERUS					1		1		1		1	
	NO. OF SPECIES					7				7			
	NO. OF INDIVIDUALS					64	20	41		64	20	41	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	7	64	1.2300	.3824	.4286

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD APRIL 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	SOLENOCERA VIOSCAI					23	13	10		23	13	10	
2	PENAEUS AZTECUS					19	15	4		19	15	4	
3	AMUSIUM PAPYRACEUS	6				6				12			
4	SQUILLA CHYDAEA					10	6	4		10	6	4	
5	PARAPENAEUS LONGIROSTRIS					3	1	2		3	1	2	
6	SICYONIA BREVIROSTRIS					2		2		2		2	
7	ASTROPECTEN DUPLICATUS	1								1			
8	PITAR CORDATUS					1				1			
9	RANINOIDES LOUISIANENSIS	1		1						1		1	
	NO. OF SPECIES	3				7				9			
	NO. OF INDIVIDUALS	8		1		64	35	22		72	35	23	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	9	72	2.4553	.7891	.8889

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD APRIL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	29				20				49			
2	SOLENOCERA VIOSCAT					25	14	11		25	14	11	
3	PARAPENAEUS LONGIROSTRIS	2		2		13	8	5		15	8	7	
4	ANADARA NOTABILIS	9				4				13			
5	PENAEUS AZTECUS	2		2		6	6			8	6	2	
6	RANINOIDES LOUISIANENSIS	6	1	1	4					6	1	1	4
7	SQUILLA CHYDAEA	3	1	2		3	2	1		6	3	3	
8	POLYSTIRA ALBIDA	5								5			
9	ASTROPECTEN CINGULATUS	5								5			
10	PORTUNUS SPINICARPUS	3	2		1	2	1	1		5	3	1	1
11	PARAPANDALUS CF LONGICAUDA					4		2	2	4		2	2
12	PITAR CORDATUS	2								2			
13	MUNIDA FORCEPS					2				2			
14	ANASIMUS LATUS	1	1			1			1	2	1		1
15	SICYONIA STIMPSONI	2		2						2		2	
16	PAGURUS BULLISI	1								1			
17	ACTINARIA					1				1			
18	ACANTHOCARPUS ALEXANDRI	1	1							1	1		
19	PLESIONIKA TENUIPES	1	1							1	1		
20	PERSEPHONA CRINITA	1	1							1	1		
	NO. OF SPECIES	16				11				20			
	NO. OF INDIVIDUALS	73	8	9	5	81	31	20	3	154	39	29	8

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	20	154	3.3517	.8509	.7500

TABLE 2 CONT.'D

STATION 1 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	CALLINECTES SIMILIS	1		1		291	187	104		292	187	105	
2	TRACHYPENAEUS SIMILIS					155	59	80		155	59	80	
3	SQUILLA EMPUSA					54	24	30		54	24	30	
4	PENAEUS AZTECUS					28	9	19		28	9	19	
5	PORTUNUS GIBBESII					6	4	1	1	6	4	1	1
6	ACTINARIA					5				5			
7	ACETES AMERICANA					4		3		4		3	
8	SICYONIA DORSALIS					3	2	1		3	2	1	
9	RENILLA MULLERI	2								2			
10	HEPATUS EPHELITICUS					2	1		1	2	1		1
11	PENAEUS SETIFERUS					1		1		1		1	
12	PERSEPHONA CRINITA					1		1		1		1	
	NO. OF SPECIES	2				11				12			
	NO. OF INDIVIDUALS	3		1		550	286	240	2	553	286	241	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	1	12	553	1.8656	.6314	.4167

TABLE 2 CONT.'D

STATION 2 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	CALLINECTES SIMILIS	19	9	10	.	173	74	87	12	192	83	97	12
2	SICYONIA DORSALIS	28	13	15		83	33	50		111	46	65	
3	TRACHYPENAEUS SIMILIS	2	1	1		81	29	47		83	30	48	
4	ASTROPECTEN DUPLICATUS	2				36				38			
5	SOLENOCERA VIOSCAI					10	1	9		10	1	9	
6	PENAEUS AZTECUS	1		1		3	1	2		4	1	3	
7	AMUSIUM PAPYRACEUS	1				2				3			
8	PORTUNUS GIBBESII	2		1	1					2		1	1
9	SQUILLA EMPUSA					2		2		2		2	
10	SPEOCARCINUS LOBATUS					1	1			1	1		
11	SQUILLA CHYDAEA					1	1			1	1		
12	PORTUNUS SPINIMANUS					1		1		1		1	
13	LEIOLAMBRUS NITIDUS					1		1		1		1	
14	CALLINECTES SAPIDUS	1		1						1		1	
15	LAEVICARDIUM LAEVIGATUM					1				1			
	NO. OF SPECIES	8				13				15			
	NO. OF INDIVIDUALS	56	23	29	1	395	140	199	12	451	163	228	13

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	1	15	451	2.1931	.7181	.4000

TABLE 2 CONT.'D

STATION 3 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PORTUNUS SPINICARPUS					6	2	3	1	6	2	3	1
2	ANASIMUS LATUS	1		1		2	1		1	3	1	1	1
3	ASTROPECTEN CINGULATUS	2								2			
4	SOLENOCERA VIOSCAI					1	1			1	1		
5	TETHYASTER VESTITUS					1				1			
6	AMUSIUM PAPYRACEUS	1								1			
7	PERSEPHONA CRINITA					1	1			1	1		
8	RANINOIDES LOUISIANENSIS	1		1						1		1	
	NO. OF SPECIES	4				5				8			
	NO. OF INDIVIDUALS	5		2		11	5	3	2	16	5	5	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	1	8	16	2.6128	.8417	1.0000

STATION 4 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	CALLINECTES SIMILIS	7	7			256	213	43		263	220	43	
2	PORTUNUS GIBBESII	8	6	1	1.	120	53	40	27	128	59	41	28
3	TRACHYPENAEUS SIMILIS					78	20	51		78	20	51	
4	SQUILLA EMPUSA	5	1	4		62	23	39		67	24	43	
5	PENAEUS DUORARUM	37	13	24		29	11	18		66	24	42	
6	PENAEUS AZTECUS	11	4	7		17	4	13		28	8	20	
7	SICYONIA DORSALIS					28	9	19		28	9	19	
8	ACETES AMERICANA					11	4	5		11	4	5	
9	OVALIPES FLORIDANUS					10	6	4		10	6	4	
10	PENAEUS SETIFERUS	5	2	3		4	1	3		9	3	6	
11	ASTROPECTEN DUPLICATUS					6				6			
12	PERSEPHONA MEDITERRANEA	2			2					2			2
13	ACTINARIA					2				2			
14	HEPATUS EPHELITICUS	1		1						1		1	
15	SICYONIA BREVIROSTRIS					1	1			1	1		
16	CANTHARUS CANCELLARIA	1								1			
17	ARENAEUS CRIBRARIUS	1	1							1	1		
18	EUCERAMUS PRAELONGUS	1	1							1	1		
19	PERSEPHONA CRINITA					1			1	1			1
20	POLINICES DUPLICATUS					1				1			

TABLE 2 CONT.'D

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
21	LIBINIA MARGINATA	1	1							1	1		
22	CALLIANASSA LATISPINA					1				1			
23	PORTUNUS SPINIMANUS					1	1			1	1		
	NO. OF SPECIES	12				17				23			
	NO. OF INDIVIDUALS	84	36	40	3	628	346	235	28	708	382	275	31

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	1	23	708	2.8418	.7968	.4783

TABLE 2 CONT.'D

STATION 5 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SOLENOCERA VIOSCAI					33	8	23		33	8	23	
2	PORTUNUS SPINICARPUS	2	1	1		18	9	9		20	10	10	
3	AMUSIUM PAPYRACEUS	8				6				14			
4	TRACHYPENAEUS SIMILIS	1		1		11	1	9		12	1	10	
5	PENAEUS AZTECUS	1	1			11	7	4		12	8	4	
6	TETHYASTER VESTITUS					7				7			
7	COLLODES LEPTOCHELES					5	3	2		5	3	2	
8	ANASIMUS LATUS					5	3	2		5	3	2	
9	RANINOIDES LOUISIANENSIS	2	1		1	2	1	1		4	2	1	1
10	SQUILLA CHYDAEA					4	3	1		4	3	1	
11	ASTROPECTEN CINGULATUS					2				2			
12	GORGONACEA					1				1			
13	MYROPSIS QUINQUESPINOSA					1	1			1	1		
14	CHASMOCARCINUS MISSISSIPPIENSI					1	1			1	1		
15	MUNIDA FORCEPS					1			1	1			1
16	SICYONIA BREVIROSTRIS					1		1		1		1	
17	STENOCIONOPS SPINOSISSIMA					1		1		1		1	
	NO. OF SPECIES	5				17				17			
	NO. OF INDIVIDUALS	14	3	2	1	110	37	53	1	124	40	55	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	1	17	124	3.3955	.8695	.8820

TABLE 2 CONT.'D

STATION 6 TRANSECT 1 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	MICROPANOPE SCULPTIPES					4	3	1		4	3	1	
2	ANADARA NOTABILIS					3				3			
3	AMUSIUM PAPYRACEUS					3				3			
4	RANINOIDES LOUISIANENSIS					3	1	1	1	3	1	1	1
5	PORTUNUS SPINICARPUS					3		3		3		3	
6	PAGURUS BULLISI					3				3			
7	PILUMNUS SP					2	1	1		2	1	1	
8	SOLENOCERA VIOSCAI					2		2		2		2	
9	STENOCIONOPS SPINOSISSIMA					2	2			2	2		
10	DISTORSIO CLATHRATA					1				1			
11	PARAPANDALUS CF LONGICAUDA					1			1	1			1
12	ANASIMUS LATUS					1		1		1		1	
13	POLYSTIRA ALBIDA					1				1			
	NO. OF SPECIES					13				13			
	NO. OF INDIVIDUALS					29	7	9	2	29	7	9	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	1	13	29	3.5613	.9409	1.2308

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	TRACHYPENAEUS SIMILIS					420	112	108		420	112	108	
2	PENAEUS AZTECUS					295	45	76		295	45	76	
3	SQUILLA EMPUSA					29	6	13		29	6	13	
4	CALLINECTES SIMILIS					17	7	7		17	7	7	
5	RENILLA MULLERI					17				17			
6	PORCELLANA SAYANA					3	1	2		3	1	2	
7	ACETES AMERICANA					1	1			1	1		
8	LEIOLAMBRUS NITIDUS					1	1			1	1		
9	HEPATUS EPHELITICUS					1		1		1		1	
10	LIBINIA EMARGINATA					1		1		1		1	
	NO. OF SPECIES					10				10			
	NO. OF INDIVIDUALS					785	173	208		785	173	208	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	10	785	1.5108	.5709	.4000

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS					1162	529	579		1162	529	579	
2	CALLINECTES SIMILIS	1		1		263	141	113	9	264	141	114	9
3	TRACHYPENAEUS SIMILIS					117	22	83		117	22	83	
4	SOLENOCERA VIOSCAI					103	36	47		103	36	47	
5	SQUILLA CHYDAEA					22	12	10		22	12	10	
6	PENAEUS AZTECUS	1		1		11	8	3		12	8	4	
7	PORTUNUS SPINICARPUS					6	1	2		6	1	2	
8	PORTUNUS SPINIMANUS					3	2	1		3	2	1	
9	AMUSIUM PAPYRACEUS	1				1				2			
10	ASTROPECTEN CINGULATUS					1				1			
11	PITAR CORDATUS					1				1			
12	SQUILLA EMPUSA					1		1		1		1	
13	ASTROPECTEN DUPLICATUS					1				1			
14	CALLINECTES SAPIDUS					1		1		1		1	
	NO. OF SPECIES	3				14				14			
	NO. OF INDIVIDUALS	3		2		1693	751	840	9	1696	751	842	9

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PTE	EQUITABILITY
2	2	14	1696	1.5255	.4980	.2857

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	BRISSOPSIS ALTA	3								3			
2	PORTUNUS SPINICARPUS					1		1		1		1	
3	ANADARA NOTABILIS					1				1			
4	SOLENOCERA VIOSCAI					1		1		1		1	
5	PARAPENAEUS LONGIROSTRIS	1		1						1		1	
	NO. OF SPECIES	2				3				5			
	NO. OF INDIVIDUALS	4		1		3		2		7		3	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	5	7	2.1316	.8571	1.0000

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	SICYONIA DORSALIS					441	72	75		441	72	75	
2	CALLINECTES SIMILIS					372	129	234	9	372	129	234	9
3	277					177	143	125		177	143	125	
4	SOLENOCERA VIOSCAI					58	43	12		58	43	12	
5	PENAEUS AZTECUS					20	14	6		20	14	6	
6	SQUILLA CHYDAEA					14		13	1	14		13	1
7	ASTROPECTEN DUPLICATUS	1				9				10			
8	SQUILLA EMPUSA					5		5		5		5	
9	RENILLA MULLERI					2				2			
10	ALPHEUS SP					1				1			
11	BUSYCON CONTRARIUM					1				1			
12	PORTUNUS SPINIMANUS					1	1			1	1		
	NO. OF SPECIES	1				12				12			
	NO. OF INDIVIDUALS	1				1101	402	470	10	1102	402	470	10

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	12	1102	2.0342	.6974	.5000

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	PORTUNUS SPINICARPUS					38	28	10		38	28	10	
2	TRACHYPENAEUS SIMILIS					38	2	36		38	2	36	
3	PITAR CORDATUS					21				21			
4	AMUSIUM PAPYRACEUS	2				18				20			
5	ANASIMUS LATUS					20	12	8		20	12	8	
6	SOLENOCERA VIOSCAI					16	4	8		16	4	8	
7	ANADARA NOTABILIS					10				10			
8	SQUILLA CHYDAEA					10	5	5		10	5	5	
9	PENAEUS AZTECUS	6	3	3		2	2			8	5	3	
10	ASTROPECTEN CINGULATUS					4				4			
11	RANINOIDES LOUISIANENSIS					3	1	2		3	1	2	
12	CALLINECTES SIMILIS					3	2	1		3	2	1	
13	MICROPANOPE SCULPTIPES					3	1	2		3	1	2	
14	ALPHEUS FLORIDANUS					2		2		2		2	
15	PARAPENAEUS LONGIROSTRIS					2	1	1		2	1	1	
16	STENOPUS SCUTELLATUS					1			1	1			1
17	SICYONIA DORSALIS					1		1		1		1	
18	BUSYCON CONTRARIUM					1				1			
	NO. OF SPECIES	2				18				18			
	NO. OF INDIVIDUALS	8	3	3		193	58	76	1	201	61	79	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	18	201	3.4545	.8880	.8889

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	ANADARA NOTABILIS	8				1				9			
2	ASTROPECTEN CINGULATUS	6				1				7			
3	AMUSIUM PAPYRACEUS	4				1				5			
4	BRISSOPSIS ALTA	3								3			
5	PENAEUS AZTECUS					2		2		2		2	
6	SOLENOCERA VIOSCAI	1		1		1		1		2		2	
7	PODOCHELA SIDNEYI	1		1						1		1	
8	PAGURUS BULLISI	1								1			
9	PILUMNUS SP	1	1							1	1		
10	SQUILLA CHYDAEA					1	1			1	1		
11	PORTUNUS SPINICARPUS	1		1						1		1	
12	RANINOIDES LOUISIANENSIS	1			1					1			1
	NO. OF SPECIES	10				6				12			
	NO. OF INDIVIDUALS	27	1	3	1	7	1	3		34	2	6	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	12	34	3.0765	.8717	1.0000

TABLE 2 CONT.'D

STATION 1 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS	61	37	24						61	37	24	
2	CALLINECTES SIMILIS	54	25	27	2					54	25	27	2
3	TRACHYPENAEUS SIMILIS	36	4	31	1					36	4	31	1
4	SICYONIA DORSALIS	30	11	18	1					30	11	18	1
5	SQUILLA EMPUSA	19	9	10						19	9	10	
6	SICYONIA BREVIROSTRIS	3	1	2						3	1	2	
7	RENILLA MULLERI	3								3			
8	SQUILLA CHYDAEA	3		3						3		3	
	NO. OF SPECIES	8								8			
	NO. OF INDIVIDUALS	209	87	115	4					209	87	115	4

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	3	8	209	2.4442	.7927	1.0000

1

TABLE 2 CONT.'D

STATION 2 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SQUILLA CHYDAEA					9	6	3		9	6	3	
2	PENAEUS AZTECUS					6	2	4		6	2	4	
3	SOLENOCERA VIOSCAI					4	1	3		4	1	3	
4	TRACHYPENAEUS SIMILIS					4	1	3		4	1	3	
5	PARAPENAEUS LONGIROSTRIS					3		3		3		3	
6	PORTUNUS SPINICARPUS					3	1	2		3	1	2	
7	SICYONIA BREVIROSTRIS					2	2			2	2		
8	SICYONIA DORSALIS					1		1		1		1	
9	AMOSTOM PAPYRACEUS					1				1			
	NO. OF SPECIES					9				9			
	NO. OF INDIVIDUALS					33	13	19		33	13	19	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	3	9	33	2.8818	.8674	1.1111

1

TABLE 2 CONT.'D

STATION 3 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS	1		1		4	4			5	4	1	
2	GONEPLACIDAE	2	2							2	2		
3	MOIRA ATROPOS	1								1			
4	AMUSIUM PAPYRACEUS	1								1			
	NO. OF SPECIES	4				1				4			
	NO. OF INDIVIDUALS	5	2	1		4	4			9	6	1	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	3	4	9	1.6605	.6944	1.0000

1

TABLE 2 CONT.'D

STATION 4 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	CALLINECTES SIMILIS	9	4	5		13	6	7		22	10	12	
2	PENAEUS DUORARUM					22	3	19		22	3	19	
3	PENAEUS AZTECUS	2		2		4		4		6		6	
4	RENILLA MULLERI	1								1			
5	PORTUNUS SPINIMANUS					1		1		1		1	
	NO. OF SPECIES	3				4				5			
	NO. OF INDIVIDUALS	12	4	7		40	9	31		52	13	38	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	3	5	52	1.6315	.6443	.8000

1

STATION 5 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	TRACHYPENAEUS SIMILIS					59	9	49		59	9	49	
2	SICYONIA DORSALIS					47	17	30		47	17	30	
3	PENAEUS AZTECUS					39	24	15		39	24	15	
4	CALLINECTES SIMILIS					17	5	10	2	17	5	10	2
5	SOLENOCERA VIOSCAI					15	4	11		15	4	11	
6	SQUILLA CHYDAEA					14	2	12		14	2	12	
7	SICYONIA BREVIROSTRIS					3	1	2		3	1	2	
8	SQUILLA EMPUSA					3	1	2		3	1	2	
9	PORTUNUS SPINIMANUS					1		1		1		1	
	NO. OF SPECIES					9				9			
	NO. OF INDIVIDUALS					198	63	132	2	198	63	132	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	3	9	198	2.5569	.8015	1.0000

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TABLE 2 CONT.'D

STATION 6 TRANSECT 3 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS	1	1			6	1	5		7	2	5	
2	ANASIMUS LATUS	1			1	2			2	3			3
3	CERIANTHARIA	3								3			
4	PENAEUS AZTECUS					2	1	1		2	1	1	
5	ASTROPECTEN CINGULATUS	2								2			
6	ACANTHOCARPUS ALEXANDRI	2		2						2		2	
7	DARDANUS INSIGNIS					1				1			
8	BRISSOPSIS ALTA	1								1			
9	PARAPENAEUS LONGIROSTRIS	1		1						1		1	
10	COLLODES LEPTOCHELES					1	1			1	1		
	NO. OF SPECIES	7				5				10			
	NO. OF INDIVIDUALS	11	1	3	1	12	3	6	2	23	4	9	3

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	3	10	23	2.9998	.8814	1.1000

TABLE 2 CONT.'D

STATION 1 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PENAEUS AZTECUS					199	70	128		199	70	128	
2	SQUILLA EMPUSA					23	8	15		23	8	15	
3	SICYONIA DORSALIS					17	11	6		17	11	6	
4	TRACHYPENAEUS SIMILIS					14	1	13		14	1	13	
5	CALLINECTES SIMILIS					13	3	10		13	3	10	
6	SICYONIA BREVIROSTRIS					3	1	2		3	1	2	
7	PORTUNUS SPINIMANUS	1	1			1		1		2	1	1	
8	PORTUNUS GIBBESII					1	1			1	1		
9	PENAEUS DUORARUM					1	1			1	1		
10	AMUSIUM PAPYRACEUS	1								1			
	NO. OF SPECIES	2				9				10			
	NO. OF INDIVIDUALS	2	1			272	96	175		274	97	175	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	4	10	274	1.5262	.4562	.4000

1

TABLE 2 CONT.'D

STATION 2 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS					43	26	17		43	26	17	
2	TRACHYPENAEUS SIMILIS					21		21		21		21	
3	SOLENOCERA VIUSCAI					19	3	16		19	3	16	
4	SICYONIA DORSALIS					10	5	5		10	5	5	
5	AMUSIUM PAPYRACEUS					8				8			
6	CALLINECTES SIMILIS					4		4		4		4	
7	PORTUNUS SPINICARPUS					4	1	3		4	1	3	
8	SQUILLA CHYDAEA					3	1	2		3	1	2	
9	SICYONIA BREVIROSTRIS					2		2		2		2	
10	CALLINECTES SAPIDUS					1		1		1		1	
11	SQUILLA EMPUSA					1		1		1		1	
12	STENOPUS SCUTELLATUS					1		1		1		1	
13	SICYONIA STIMPSONI					1		1		1		1	
14	PITAR CORDATUS					1				1			
	NO. OF SPECIES					14				14			
	NO. OF INDIVIDUALS					119	36	74		119	36	74	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	4	14	119	2.6133	.8044	.7143

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TABLE 2 CONT.'D

STATION 3 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS	1		1		15	10	5		16	10	6	
2	AMUSIUM PAPYRACEUS	1				11				12			
3	ANASIMUS LATUS	5	3	1	1	3	3			8	6	1	1
4	ASTROPECTEN CINGULATUS	2				5				7			
5	SOLENOCERA VIOSCAI					3		3		3		3	
6	RANINOIDES LOUISIANENSIS	1			1	2		2		3		2	1
7	SQUILLA CHYDAEA	1		1		1		1		2		2	
8	CALAPPA SULCATA					1	1			1	1		
9	PAGURUS BULLISI					1			1	1			1
10	PENAEUS AZTECUS	1	1							1	1		
	NO. OF SPECIES	7				9				10			
	NO. OF INDIVIDUALS	12	4	3	2	42	14	11	1	54	18	14	3

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	4	10	54	2.7561	.8309	1.0000

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TABLE 2 CONT.'D

STATION 4 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS CONSTRICTUS					132	71	61		132	71	61	
2	PENAEUS AZTECUS	28	6	22		86	42	44		114	48	66	
3	PENAEUS DUORARUM	10	3	7		73	34	39		83	37	46	
4	SICYONIA DORSALIS					38	12	26		38	12	26	
5	CALLINECTES SIMILIS					37	22	15		37	22	15	
6	SQUILLA EMPUSA	1		1		27	9	18		28	9	19	
7	TRACHYPENAEUS SIMILIS					8	4	4		8	4	4	
8	CALAPPA SULCATA					1		1		1		1	
9	PORTUNUS GIBBESII					1	1			1	1		
14	CALLINECTES SAPIDUS					1			1	1			1
	NO. OF SPECIES	3				10				10			
	NO. OF INDIVIDUALS	39	9	30		444	195	208	1	443	204	238	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	4	10	443	2.5002	.7930	.8000

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TABLE 2 CONT.'D

STATION 5 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS					37	19	18		37	19	18	
2	TRACHYPENAEUS SIMILIS					20	3	17		20	3	17	
3	SOLENOCERA VIOSCAI					16	1	15		16	1	15	
4	SQUILLA CHYDAEA					15	6	9		15	6	9	
5	CALLINECTES SIMILIS					14	4	10		14	4	10	
6	SQUILLA EMPUSA					13	3	10		13	3	10	
7	SICYONIA DORSALIS					5	3	2		5	3	2	
8	SICYONIA BREVIROSTRIS					2		2		2		2	
	NO. OF SPECIES					8				8			
	NO. OF INDIVIDUALS					122	39	83		122	39	83	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	4	8	122	2.6991	.8292	1.0000

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TABLE 2 CONT.'D

STATION 6 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS					5				5			
2	GONEPLACIDAE					2		2		2		2	
3	MUNIDA FORCEPS					2	1		1	2	1		1
4	TETHYASTER VESTITUS					1				1			
	NO. OF SPECIES					4				4			
	NO. OF INDIVIDUALS					10	1	2	1	10	1	2	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	4	4	10	1.7639	.7333	1.0000

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TABLE 2 CONT.'D

STATION 7 TRANSECT 4 PERIOD SPRING 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	3					30				30			
2	PORTUNUS SPINICARPUS					11	3	8		11	3	8	
3	ANASIMUS LATUS					3	1	2		3	1	2	
4	PAGURISTES CF MOOREI					1		1		1		1	
5	ACANTHOCARPUS ALEXANDRI					1	1			1	1		
6	PENAEUS AZTECUS					1	1			1	1		
	NO. OF SPECIES					6				6			
	NO. OF INDIVIDUALS					47	6	11		47	6	11	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
7	4	6	47	1.5142	.5439	.6667

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	CALLINECTES SIMILIS	4	4			4	2	1	1	8	6	1	1
2	PENAEUS AZTECUS	2	1	1		3	1	2		5	2	3	
3	ASTROPECTEN DUPLICATUS	2				1				3			
4	TRACHYPENAEUS SIMILIS	1		1		1	1			2	1	1	
	NO. OF SPECIES	4				4				4			
	NO. OF INDIVIDUALS	9	5	2		9	4	3	1	18	9	5	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	4	18	1.8194	.7255	1.0000

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TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	CALLINECTES SIMILIS	11	3	8		19	6	13		30	9	21	
2	SICYONIA DORSALIS	6		6		19	8	11		25	8	17	
3	PENAEUS AZTECUS	1	1			9	5	4		10	6	4	
4	TRACHYPENAEUS SIMILIS					6	1	5		6	1	5	
5	SOLENOCERA VIOSCAI					4	2	2		4	2	2	
6	PORTUNUS SPINICARPUS					1		1		1		1	
7	SQUILLA EMPUSA					1		1		1		1	
8	ASTROPECTEN DUPLICATUS	1								1			
9	MOLPADIA ADAMANENSIS	1								1			
	NO. OF SPECIES	5				7				9			
	NO. OF INDIVIDUALS	20	4	14		59	22	37		79	26	51	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	9	79	2.2565	.7000	.7778

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TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	BRISSOPSIS ALTA					17				17			
2	AURINIOPSIS KIENERI					4				4			
3	ACTINARIA SPB					2				2			
4	AMUSIUM PAPYRACEUS					2				2			
5	PORTUNUS SPINICARPUS					2		2		2		2	
6	SQUILLA CHYDAEA					2	1	1		2	1	1	
7	PAGURUS BULLISI	1				1				2			
8	CERIANTHARIA					1				1			
9	GONEPLACIDAE					1		1		1		1	
10	PENAEUS AZTECUS					1		1		1		1	
11	STENORYNCHUS SETICORNIS					1	1			1	1		
12	RADINOIDES LOUISIANENSIS					1	1			1	1		
13	FREVILLEA BARBATA					1	1			1	1		
	NO. OF SPECIES	1				13				13			
	NO. OF INDIVIDUALS	1				36	4	5		37	4	5	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	13	37	2.8497	.7793	.8462

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TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	CALLINECTES SIMILIS	22	9	13		1		1		23	9	14	
2	SICYONIA DORSALIS	4		4		17	8	9		21	8	13	
3	PENAEUS AZTECUS	9	7	2		9	5	4		18	12	6	
4	TRACHYPENAEUS SIMILIS	3	1	2		7		7		10	1	9	
5	ASTROPECTEN DUPLICATUS	4								4			
6	SQUILLA CHYDAEA	3	1	2		1	1			4	2	2	
7	SPEOCARCINUS LOBATUS	2	1							2	1		
8	GONEPLACIDAE	2		2						2		2	
9	SQUILLA EMPUSA					2	1	1		2	1	1	
10	SOLENOCERA VIOSCAI					2		2		2		2	
11	RENILLA MULLERI					1				1			
12	MOLPADIA ADAMANENSIS	1								1			
13	MACOMA PULLEYI	1								1			
14	PITAR CORDATUS	1								1			
	NO. OF SPECIES	11				8				14			
	NO. OF INDIVIDUALS	52	19	25		40	15	24		92	34	49	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	14	92	2.9572	.8383	.7857

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TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	3				31				34			
2	ANADARA NOTABILIS	4				5				9			
3	PITAR CORDATUS	3				5				8			
4	PORTUNUS SPINICARPUS	2	1	1		5	5			7	6	1	
5	SOLENOCERA VIOSCAI					5		5		5		5	
6	PENAEUS AZTECUS					2		2		2		2	
7	CERIANTHARIA	1								1			
8	ATRINA SEMINUDA					1				1			
9	RANINOIDES LOUISIANENSIS					1		1		1		1	
10	ASTROPECTEN CINGULATUS					1				1			
11	LEIOLAMBRUS NITIDUS	1	1							1	1		
12	SQUILLA CHYDAEA	1	1							1	1		
	NO. OF SPECIES	7				9				12			
	NO. OF INDIVIDUALS	15	3	1		56	5	8		71	8	9	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	12	71	2.5093	.7356	.6667

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD JULY 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	6				16				22			
2	ANADARA NOTABILIS	6				15				21			
3	PENAEUS AZTECUS	4	1	3		4	1	3		8	2	6	
4	ASTROPECTEN CINGULATUS	4				1				5			
5	SOLENOCERA VIOSCAI					4		4		4		4	
6	PORTUNUS SPINICARPUS	1		1		1	1			2	1	1	
7	SQUILLA CHYDAEA					2	1	1		2	1	1	
8	ANASIMUS LATUS					2	1			2	1		
9	SCOBSIA STRIATA	1								1			
10	CALAPPA SULCATA	1		1						1		1	
11	POLYSTIRA ALBIDA	1								1			
12	MUNIDA FORCEPS	1	1							1	1		
13	CERIANTHARIA					1				1			
14	PARAPENAEUS LONGIROSTRIS	1		1						1		1	
15	PARAPANDALUS CF LONGICAUDA					1			1	1			1
16	COLLODES LEPTOCHELES					1	1			1	1		
17	STENORYNCHUS SETICORNIS					1		1		1		1	
18	ACANTHOCARPUS ALEXANDRI					1	1			1	1		
	NO. OF SPECIES	14				13				18			
	NO. OF INDIVIDUALS	26	2	6		50	6	9	1	76	8	15	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	18	76	3.0957	.8288	.7222

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD AUGUST 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS					301	96	205		301	96	205	
2	CALLINECTES SIMILIS	4	2	2		2	2			6	4	2	
3	TRACHYPENAEUS SIMILIS					2		2		2		2	
4	SICYONIA DORSALIS					1		1		1		1	
	NO. OF SPECIES	1				4				4			
	NO. OF INDIVIDUALS	4	2	2		306	98	208		310	100	210	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	4	310	.2254	.4570	.0000

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD AUGUST 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PENAEUS AZTECUS	4	1	3		70	35	34		74	36	37	
2	CALLINECTES SIMILIS	1	1	.		26	12	23	1	27	13	23	1
3	SICYONIA DORSALIS					16	4	12		16	4	12	
4	SOLENOCERA VIOSCAI	1				4		4		5		4	
5	TRACHYPENAEUS SIMILIS					3		3		3		3	
6	AMUSIUM PAPYRACEUS					2				2			
7	SICYONIA BREVIROSTRIS					1	1			1	1		
8	SQUILLA CHYDAEA					1	1			1	1		
	NO. OF SPECIES	3				8				8			
	NO. OF INDIVIDUALS	6	2	3		123	53	76	1	129	55	79	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	8	129	1.8185	.6141	.6250

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD AUGUST 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	BRISSOPSIS ALTA					50				50			
2	PORTUNUS SPINICARPUS					8	4	4		8	4	4	
3	PORCELLANA SIGSBEIANA					2		2		2		2	
4	ANASIMUS LATUS					2	1	1		2	1	1	
5	ACANTHOCARPUS ALEXANDRI					2	2			2	2		
6	PAGURUS BULLISI					1				1			
7	ATRINA SEMIDUDA					1				1			
8	ASTROPECTEN CINGULATUS					1				1			
9	PERSEPHONA CRINITA					1		1		1		1	
	NO. OF SPECIES					9				9			
	NO. OF INDIVIDUALS					68	7	8		68	7	8	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	9	68	1.4989	.4486	.4444

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD AUGUST 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	PENAEUS AZTECUS					57	18	39		57	18	39	
2	TRACHYPENAEUS SIMILIS					4		4		4		4	
3	CALLINECTES SIMILIS	2	2			1		1		3	2	1	
4	SICYONIA DORSALIS	2	1	1						2	1	1	
5	SQUILLA CHYDAEA					1	1			1	1		
	NO. OF SPECIES	2				4				5			
	NO. OF INDIVIDUALS	4	3	1		63	19	44		67	22	45	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	5	67	.8850	.2736	.4000

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD AUGUST 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	ANOSIUM PAPYRACEUS	1				14				15			
2	SOLENOCERA VIOSCAI					5		5		5		5	
3	PENAEUS AZTECUS					4	1	3		4	1	3	
4	ATRINA SEMINODA					3				3			
5	CALLINECTES SIMILIS	1	1			1		1		2	1	1	
6	SQUILLA CHYDAEA					1		1		1		1	
7	PERSEPHONA CRINITA	1	10							1	10		
	NO. OF SPECIES	3				6				7			
	NO. OF INDIVIDUALS	3	11			28	1	10		31	12	10	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	7	31	2.2174	.7312	1.0000

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD AUGUST 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	AMUSIUM PAPYRACEUS	5				6				11			
2	SOLENOCERA VIOSCAI	3		3		6		6		9		9	
3	ANADARA NOTABILIS	1				4				5			
4	PORTUNUS SPINICARPUS	3		3		2		2		5		5	
5	RANINOIDES LOUISIANENSIS	1			1	2			2	3			3
6	PENAEUS AZTECUS					2	1	1		2	1	1	
7	ASTROPECTEN CINGULATUS					2				2			
8	PARAPANDALUS CF LONGICAUDA					1			1	1			1
9	GONEPLACIDAE					1	1			1	1		
10	PARAPENAEUS LONGIROSTRIS	1		1						1		1	
	NO. OF SPECIES	6				9				10			
	NO. OF INDIVIDUALS	14		7	1	26	2	9	3	40	2	16	4

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	10	40	2.8627	.8513	1.0000

TABLE 2 CONT.'D

STATION 1 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	RENILLA MULLERI	1								1			
	NO. OF SPECIES	1								1			
	NO. OF INDIVIDUALS	1								1			

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	1	1	1			

TABLE 2 CONT. D

STATION 2 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	CALLINECTES SIMILIS					7		6	1	7		6	1
2	SQUILLA CHYDAEA					4				4			
3	SICYONIA DORSALIS					1		1		1		1	
4	PENAEUS AZTECUS					1	1			1	1		
	NO. OF SPECIES					4				4			
	NO. OF INDIVIDUALS					13	1	7	1	13	1	7	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	1	4	13	1.5769	.6538	1.0000

TABLE 2 CONT.'D

STATION 3 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS					2	1	1		2	1	1	
2	SOLENOCERA VIOSCAI					2		2		2		2	
3	AURINIOPSIS KIENERI					1				1			
4	PENNATULACEA					1				1			
5	PAGURUS SP					1				1			
6	ANASIMUS LATUS					1			1	1			1
7	PAGURUS BULLISI					1	1			1	1		
	NO. OF SPECIES					7				7			
	NO. OF INDIVIDUALS					9	2	3	1	9	2	3	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	1	7	9	2.7344	.9444	1.2857

STATION 4 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	CALIACTIS TRICOLOR					2				2			
2	MOLGULA CF MANHATTENSIS					1				1			
3	PENAEUS AZTECUS					1		1		1		1	
4	PENAEUS SETIFERUS					1	1			1	1		
	NO. OF SPECIES					4				4			
	NO. OF INDIVIDUALS					5	1	1		5	1	1	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	1	4	5	1.9251	.9000	1.2500

TABLE 2 CONT.'D

STATION 5 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS					2		2		2		2	
2	AMOSTIUM PAPYRACEUS					2				2			
3	SOLENOCERA VIOSCAI					2	1	1		2	1	1	
4	CALLINECTES SIMILIS	1	1							1	1		
5	ANASIMUS LATUS					1	1			1	1		
6	CALAPPA SULCATA					1	1			1	1		
7	POLYSTIRA ALBIDA	1								1			
	NO. OF SPECIES	2				5				7			
	NO. OF INDIVIDUALS	2	1			8	3	3		10	4	3	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	1	7	10	2.7264	.9333	1.2857

TABLE 2 CONT'D

STATION 6 TRANSECT 1 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMOSIUM PAPYRACEUS	7				4				11			
2	PORTUNUS SPINICARPUS	3	3			5	3	2		8	6	2	
3	ANADARA NOTABILIS	6				2				8			
4	PORCELLANA SAYANA	1		1		4	1	2	1	5	1	3	1
5	SOLENOCERA VIOSCAI					2		2		2		2	
6	STYELA SP	2								2			
7	POLYSTIRA ALBIDA					2				2			
8	PENNATULACEA					2				2			
9	PORCELLANA SIGSBEIANA	1	1							1	1		
10	PITAR CORDATUS					1				1			
11	MUNIDA FORCEPS	1		1						1		1	
12	STENOCIONOPS SPINOSISSIMA	1			1					1			1
13	PARPANUS INSIGNIS					1				1			
	NO. OF SPECIES	8				9				13			
	NO. OF INDIVIDUALS	22	4	2	1	23	4	6	1	45	8	8	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	1	13	45	3.1490	.8737	1.0000

RANK	SPECIES	TOTAL	M	FM	F^E	TOTAL	M	FM	F^E	INDIV	M	FM	F^E
1	PENAEUS AZTECUS	1		1		6	3	3		7	3	4	
	NO. OF SPECIES	1				1				1			
	NO. OF INDIVIDUALS	1		1		6	3	3		7	3	4	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	1	7			

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS					17	10	7		17	10	7	
2	PENAEUS AZTECUS					7	5	2		7	5	2	
3	SOLENOCERA VIOSCAI					3		3		3		3	
4	SQUILLA CHYDAEA					3	1	2		3	1	2	
5	CALLINECTES SIMILIS					3	2	1		3	2	1	
6	TRACHYPENAEUS SIMILIS					1		1		1		1	
7	STENORYNCHUS SETICORNIS					1			1	1			1
8	ATRINA SEMINUDA					1				1			
	NO. OF SPECIES					8				8			
	NO. OF INDIVIDUALS					36	18	16	1	36	18	16	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	8	36	2.3014	.7365	.8750

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	BRISSOPSIS ALTA					15				15			
2	TETHYASTER VESTITUS					4				4			
3	SQUILLA CHYDAEA					2		2		2		2	
4	AMUSIUM PAPYRACEUS	2								2			
5	ASTROPECTEN CINGULATUS	2								2			
6	SOLENOCERA VIOSCAI					1		1		1		1	
7	CALLINECTES SIMILIS					1	1			1	1		
8	PORTUNUS SPINICARPUS	1	1							1	1		
9	ANASIMUS LATUS					1			1	1			1
10	AURINIOPSIS KIENERI					1				1			
11	GONEPLACIDAE					1				1			
	NO. OF SPECIES	3				8				11			
	NO. OF INDIVIDUALS	5	1			26	1	3	1	31	2	3	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	11	31	2.6165	.7548	.8182

STATION 4 TRANSECT 2 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PENAEUS AZTECUS					13	5	8		13	5	8	
2	TRACHYPENAEUS SIMILIS					3		3		3		3	
3	SICYONIA DORSALIS					2	1	1		2	1	1	
	NO. OF SPECIES					3				3			
	NO. OF INDIVIDUALS					18	6	12		18	6	12	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	3	18	1.1240	.4641	1.0000

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	AMUSIUM PAPYRACEUS	4				16				20			
2	PENAEUS AZTECUS	1	1			13	6	7		14	7	7	
3	PORTUNUS SPINICARPUS					5	2	3		5	2	3	
4	CALLINECTES SIMILIS	3	1	2		1		1		4	1	3	
5	SOLENOCERA VIOSCAI					4		4		4		4	
6	SQUILLA CHYDAEA					2	1	1		2	1	1	
7	RANINOIDES LOUISIANENSIS					1	1			1	1		
	NO. OF SPECIES	3				7				7			
	NO. OF INDIVIDUALS	8	2	2		42	10	16		50	12	18	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	7	50	2.2606	.7518	1.0000

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PORTUNUS SPINICARPUS					20	10	10		20	10	10	
2	AMUSIUM PAPYRACEUS	3				12				15			
3	ANASIMUS LATUS					7	3		4	7	3		4
4	ASTROPECTEN CINGULATUS	1				3				4			
5	POLYSTIRA ALBIDA					2				2			
6	BRISSOPSIS ALTA					2				2			
7	SOLENOCERA VIOSCAI					2		2		2		2	
8	ANADARA NOTABILIS					2				2			
9	RANINOIDES LOUISIANENSIS					2	2			2	2		
10	ACANTHOCARPUS ALEXANDRI					1		1		1		1	
11	SICYONIA STIMPSONI					1		1		1		1	
12	PAGURUS BULLISI					1				1			
13	PITAR CORDATUS					1				1			
	NO. OF SPECIES	2				13				13			
	NO. OF INDIVIDUALS	4				56	15	14	4	60	15	14	4

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	13	60	2.8667	.8153	.8462

TABLE 2 CONT.'D

STATION 1 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	PENAEUS AZTECUS	1	1			24	13	11		25	14	11	
2	RENILLA MULLERI	1				18				19			
3	SICYONIA DORSALIS					14	7	7		14	7	7	
4	TRACHYPENAEUS SIMILIS					5	1	4		5	1	4	
5	CALLINECTES SIMILIS	1			1	3		3		4		3	1
6	SQUILLA EMPUSA					1		1		1		1	
7	PENAEUS SETIFERUS					1	1			1	1		
8	SICYONIA BREVIROSTRIS					1		1		1		1	
9	PORTUNUS GIBBESII					1		1		1		1	
	NO. OF SPECIES	3				9				9			
	NO. OF INDIVIDUALS	3	1		1	68	22	28		71	23	28	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	3	9	71	2.3548	.7674	.7778

TABLE 2 CONT. D

STATION 2 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SOLENOCERA VIOSCAI	1		1		40	14	25	1	41	14	26	1
2	SICYONIA BREVIROSTRIS					38	15	23		38	15	23	
3	ASTROPECTEN CINGULATUS	16				16				32			
4	SQUILLA CHYDAEA	10	4	6		19	14	5		29	18	11	
5	CALLINECTES SIMILIS	15	7	5	3	14	8	5	1	29	15	10	4
6	PENAEUS AZTECUS	20	7	13						20	7	13	
7	PENAEUS SETIFERUS					14	4	10		14	4	10	
8	PITAR CORDATUS	9								9			
9	PORTUNUS SPINICARPUS	5	5							5	5		
10	AMUSIUM PAPYRACEUS					4				4			
11	SICYONIA DORSALIS					3		3		3		3	
12	PARAPENAEUS LONGIROSTRIS	1		1		1		1		2		2	
13	SICYONIA STIMPSONI					2	1	1		2	1	1	
14	ANADARA NOTABILIS	2								2			
15	RANINOIDES LOUISIANENSIS					1	1			1	1		
16	SQUILLA EMPUSA					1	1			1	1		
	NO. OF SPECIES	9				12				16			
	NO. OF INDIVIDUALS	79	23	26	3	153	58	73	2	232	81	99	5

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	3	16	232	3.2967	.8817	.9375

TABLE 2 CONT.'D

STATION 3 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS					9	6	3		9	6	3	
2	ANASIMUS LATUS					9	1		8	9	1		8
3	SOLENOCERA VIOSCAI					3	2	1		3	2	1	
4	PARAPENAEUS LONGIROSTRIS					2		2		2		2	
5	PODOCHELA SIDNEYI					1			1	1			1
6	STENOCIONOPS SPINOSISSIMA					1		1		1		1	
7	PARAPANDALUS CF LONGICAUDA					1			1	1			1
8	SQUILLA CHYDAEA					1		1		1		1	
9	PENAEUS AZTECUS					1		1		1		1	
	NO. OF SPECIES					9				9			
	NO. OF INDIVIDUALS					28	9	9	10	28	9	9	10

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	3	9	28	2.5325	.7989	.8889

TABLE 2 CONT'D

STATION 4 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SICYONIA DORSALIS					14	5	9		14	5	9	
2	PENAEUS AZTECUS					10	2	8		10	2	8	
3	PORTUNUS GIBBESII	1	1			5	1	3	1	6	2	3	1
4	RENILLA MULLERI					3				3			
5	SICYONIA BREVIROSTRIS					1		1		1		1	
6	CALAPPA SULCATA					1		1		1		1	
7	PENAEUS DUORARUM					1	1			1	1		
8	PORTUNUS SPINIMANUS					1	1			1	1		
	NO. OF SPECIES	1				8				8			
	NO. OF INDIVIDUALS	1	1			36	10	22	1	37	11	22	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	3	8	37	2.3272	.7688	.8750

TABLE 2 CONT.'D

STATION 5 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS	1	1			55	26	29		56	27	29	
2	CALLINECTES SIMILIS					55	14	41		55	14	41	
3	PENAEUS AZTECUS					31	10	21		31	10	21	
4	TRACHYPENAEUS SIMILIS					13	5	8		13	5	8	
5	SOLENOCERA VIOSCAI					7	1	6		7	1	6	
6	SQUILLA CHYDAEA					6	2	4		6	2	4	
7	ASTROPECTEN DUPLICATUS					2				2			
8	SQUILLA EMPUSA					1		1		1		1	
	NO. OF SPECIES	1				8				8			
	NO. OF INDIVIDUALS	1	1			170	58	110		171	59	110	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	3	8	171	2.2635	.7520	.8750

TABLE 2 CONT. D

STATION 6 TRANSECT 3 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PORTUNUS SPINICARPUS					61	13	42	6	61	13	42	6
2	ANASIMUS LATUS					31	9		22	31	9		22
3	BRISSOPSIS ALTA					14				14			
4	ASTROPECTEN CINGULATUS					8				8			
5	TETHYASTER VESTITUS					8				8			
6	PARAPENAEUS LONGIROSTRIS					1		1		1		1	
7	SQUILLA CHYDAEA					1		1		1		1	
8	PILUMNUS SP					1	1			1	1		
9	MUNIDA SP	1								1			
10	ETHUSA MICROPHTHALMA					1		1		1		1	
11	ACANTHOCARPUS ALEXANDRI					1	1			1	1		
12	COLLODES TRISPINOSUS					1			1	1			1
13	AMUSIUM PAPYRACEUS					1				1			
	NO. OF SPECIES	1				12				13			
	NO. OF INDIVIDUALS	1				129	24	45	29	130	24	45	29

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	3	13	130	2.2826	.7088	.5385

TABLE 2 CONT.'D

STATION 1 TRANSECT 4 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS					39	25	14		39	25	14	
2	PENAEUS AZTECUS	1	1			37	20	17		38	21	17	
3	PORTUNUS SPINICARPUS					7	2	5		7	2	5	
4	TRACHYPENAEUS SIMILIS					4		4		4		4	
5	PENAEUS DUORARUM					2	1	1		2	1	1	
6	SICYONIA BREVIROSTRIS					2	1	1		2	1	1	
7	LUIDIA ALTERNATA					1				1			
8	CALLINECTES SIMILIS					1			1	1			1
9	LUIDIA CLATHRATA					1				1			
10	SQUILLA CHYDAEA					1	1			1	1		
11	SQUILLA EMPUSA					1		1		1		1	
	NO. OF SPECIES	1				11				11			
	NO. OF INDIVIDUALS	1	1			96	50	43	1	97	51	43	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	4	11	97	2.0961	.6836	.5455

TABLE 2 CONT.'D

STATION 2 TRANSECT 4 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	CALLINECTES SIMILIS	62	19	42	1	15	2	12	1	77	21	54	2
2	PENAEUS AZTECUS	2		2		19	7	12		21	7	14	
3	SICYONIA BREVIROSTRIS					19	9	10		19	9	10	
4	PORTUNUS SPINIMANUS					12	2	2	8	12	2	2	8
5	ASTROPECTEN DUPLICATUS	8								8			
6	AMUSIUM PAPYRACEUS	4				3				7			
7	TETHYASTER VESTITUS	4				1				5			
8	CALAPPA SULCATA	5	3	2						5	3	2	
9	PORTUNUS SPINICARPUS	1		1		3	1	2		4	1	3	
10	SICYONIA STIMPSONI	1		1		2		2		3		3	
11	POLYSTIRA ALBIDA					2				2			
12	SICYONIA DORSALIS	2	1	1						2	1	1	
13	PITAR CORDATUS	1								1			
14	ANASIMUS LATUS					1	1			1	1		
15	LUIDIA CLATHRATA	1								1			
	NO. OF SPECIES	11				14				15			
	NO. OF INDIVIDUALS	91	23	49	1	77	22	40	9	168	45	89	10

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	4	15	168	2.7413	.7538	.6667

TABLE 2 CONT.'D

STATION 3 TRANSECT 4 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	31								31			
2	PORTUNUS SPINICARPUS	23	8	11	1					23	8	11	1
3	CLYPEASTER RAVENELLII	4								4			
4	PENAEUS AZTECUS	4	1	3						4	1	3	
5	SICYONIA BREVIRUSTRIS	3	2	1						3	2	1	
6	SICYONIA STIMPSONI	3	1	2						3	1	2	
	NO. OF SPECIES	6								6			
	NO. OF INDIVIDUALS	68	12	17	1					68	12	17	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	4	6	68	1.9269	.6769	.8333

TABLE 2 CONT.'D

STATION 4 TRANSECT 4 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F∧E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F∧E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F∧E
1	PENAEUS AZTECUS	2	1	1		16	4	12		18	5	13	
2	LUIDIA CLATHRATA	15				2				17			
3	PENAEUS DUORARUM					9	3	6		9	3	6	
4	SICYONIA BREVIROSTRIS					5	4	1		5	4	1	
5	SICYONIA DORSALIS					3	3			3	3		
6	PARTHENOPE SERRATA					2		2		2		2	
7	PORTUNUS GIBBESII	1		1		1		1		2		2	
8	TRACHYPENAEUS CONSTRICTUS					1		1		1		1	
9	CANTHARUS CANCELLARIA	1								1			
10	DARDANUS FUCOSUS					1				1			
11	PORTUNUS SPINIMANUS	1		1						1		1	
12	TRACHYPENAEUS SIMILIS					1		1		1		1	
	NO. OF SPECIES	5				10				12			
	NO. OF INDIVIDUALS	20	1	3		41	14	24		61	15	27	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	4	12	61	2.7642	.8142	.8333

TABLE 2 CONT.'D

STATION 5 TRANSECT 4 PERIOD FALL 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	SICYONIA DORSALIS	11	6	5		89	49	40		100	55	45	
2	ASTROPECTEN DUPLICATUS	36				38				74			
3	CALLINECTES SIMILIS	7	1	6		34	10	33	1	41	11	39	1
4	PENAEUS AZTECUS	5	2	3		31	14	17		36	16	20	
5	TRACHYPENAEUS SIMILIS					24	1	23		24	1	23	
6	SOLENOCERA VIOSCAI					18	6	11		18	6	11	
7	SQUILLA CHYDAEA	1		1		7		7		8		8	
8	SQUILLA EMPUSA					7	1	6		7	1	6	
9	CALAPPA SULCATA					1	1			1	1		
	NO. OF SPECIES	5				9				9			
	NO. OF INDIVIDUALS	60	9	15		249	82	137	1	309	91	152	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	4	9	309	2.5851	.7987	1.0000

TABLE 2 CONT.'D

STATION 6 TRANSECT 4 PERIOD 76FALL

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMUSIUM PAPYRACEUS	124	0	0	0	255	0	0	0	379	0	0	0
2	POLYSTIRA ALBIDA	3	0	0	0	45	0	0	0	48	0	0	0
3	TETHYASTER VESTITUS	4	0	0	0	31	0	0	0	35	0	0	0
4	PORTUNUS SPINICARPUS	5	1	4	0	14	7	6	1	19	8	10	1
5	PARTHENOPE SERRATA	0	0	0	0	11	4	6	1	11	4	6	1
6	PAGURISTES SP	0	0	0	0	8	3	3	2	8	3	3	2
7	ANASIMUS LATUS	1	0	1	0	6	1	3	2	7	1	4	2
8	CALAPPA SULCATA	2	1	1	0	4	1	3	0	6	2	4	0
9	LUIDIA ALTERNATA	0	0	0	0	6	0	0	0	6	0	0	0
10	PORCELLANA SIGSBEIANA	2	0	0	2	3	0	2	1	5	0	2	3
11	SICYONIA STIMPSONI	0	0	0	0	5	2	3	0	5	2	3	0
12	SQUILLA CHYDAEA	0	0	0	0	5	4	1	0	5	4	1	0
13	ASTROPECTEN DUPLICATUS	0	0	0	0	3	0	0	0	3	0	0	0
14	CLYPEASTER RAVENELLII	1	0	0	0	2	0	0	0	3	0	0	0
15	LUIDIA CLATHRATA	3	0	0	0	0	0	0	0	3	0	0	0
16	FUSINUS COUEI	0	0	0	0	3	0	0	0	3	0	0	0
17	EUCRASSATELLA SPECIOSA	0	0	0	0	2	0	0	0	2	0	0	0
18	PAGURIDAE	0	0	0	0	2	0	0	0	2	0	0	0
19	ILIACANTHA LIODACTYLUS	0	0	0	0	2	1	1	0	2	1	1	0
20	PODOCHELA SIDNEYI	0	0	0	0	2	1	0	1	2	1	0	1
21	PENAEUS AZTECUS	2	2	0	0	0	0	0	0	2	2	0	0
22	ASTROPECTEN CINGULATUS	1	0	0	0	1	0	0	0	2	0	0	0
23	LEIOLAMBRUS NITIDUS	1	0	1	0	0	0	0	0	1	0	1	0
24	RANINOIDES LOUISIANENSIS	0	0	0	0	1	1	0	0	1	1	0	0
25	STENORYNCHUS SETICORNIS	1	0	1	0	0	0	0	0	1	0	1	0
26	ILIACANTHA INTERMEDIA	0	0	0	0	1	1	-0	-0	1	1	0	0
27	PYLOPAGURUS HOLTHUSI	0	0	0	0	1	0	1	0	1	0	1	0
28	PITAR CORDATUS	1	0	0	0	0	0	0	0	1	0	0	0
29	FASCIOLARIA HUNTERIA	0	0	0	0	1	0	0	0	1	0	0	0
30	PAGURUS SP	0	0	0	0	1	1	0	0	1	1	0	0
31	HYPOCONCHA SPINOSISSIMA	0	0	0	0	1	0	1	0	1	0	1	0
32	DISTORSIO CLATHRATA	0	0	0	0	1	0	0	0	1	0	0	0
33	ANADARA NOTABILIS	0	0	0	0	1	0	0	0	1	0	0	0
34	COLLODES TRISPINOSUS	0	0	0	0	1	0	0	1	1	0	0	1
	NO. OF SPECIES	14				29				34			
	NO. OF INDIVIDUALS	151	4	8	2	419	27	30	9	570	31	38	11

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	4	34	570	2.2227	.5455	.2059

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD NOVEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	PENAEUS AZTECUS	1		1		19	11	8		20	11	9	
2	TRACHYPENAEUS SIMILIS	8	1	7		7	1	6		15	2	13	
3	RENILLA MULLERI					10				10			
4	SICYONIA DORSALIS					7	2	5		7	2	5	
5	PORTUNUS GIBBESII					5	2	3		5	2	3	
6	SQUILLA CHYDAEA	1	1			4	2	2		5	3	2	
7	PENAEUS SETIFERUS	2	1	1		1		1		3	1	2	
8	PERSEPHONA CRINITA					1		1		1		1	
9	SQUILLA EMPUSA					1		1		1		1	
10	ASTROPECTEN DUPLICATUS					1				1			
11	CANTHARUS CANCELLARIA	1								1			
12	CALLINECTES SIMILIS	1	1							1	1		
	NO. OF SPECIES	6				10				12			
	NO. OF INDIVIDUALS	14	4	9		56	18	27		70	22	36	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	12	70	2.9571	.8410	.9167

TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD NOVEMBER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	FAE	TOTAL	M	FM	FAE	INDIV	M	FM	FAE
1	SOLENOCERA VIOSCAI					21	2	19		21	2	19	
2	LETOLAMBRUS NITIDUS	1			1	15	2	6	7	16	2	6	8
3	SICYONIA DORSALIS	2		2		10	5	5		12	5	7	
4	PENAEUS AZTECUS	2	1	1		7	6	1		9	7	2	
5	SQUILLA CHYDAEA					7	4	3		7	4	3	
6	CALLINECTES SIMILIS	3	1	1	1	2	1	1		5	2	2	1
7	TRACHYPENAEUS SIMILIS	2		1		2	1	1		4	1	2	
8	EUPHROSYNOPLAX CLAUSI					2	1	1		2	1	1	
9	NACOMA PULLEYI	2								2			
10	ASTROPECTEN DUPLICATUS	2								2			
11	SQUILLA EMPUSA					1		1		1		1	
12	PORTUNUS SPINIMANUS					1	1			1	1		
13	HEPATUS EPHELITICUS					1		1		1		1	
14	PSEUDORHOMBILA QUADRIDENTATA	1		1						1		1	
	NO. OF SPECIES	8				11				14			
	NO. OF INDIVIDUALS	15	2	6	2	69	23	39	7	84	25	45	9

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	14	84	3.1469	.8646	.9286

1

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD NOVEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	AMOSIUM PAPYRACEUS	1				2				3			
2	PORTUNUS SPINICAPPUS					2	1	1		2	1	1	
3	ANASIMUS LATUS					1			1	1			1
4	SOLENOCERA VIOSCAI					1	1			1	1		
	NO. OF SPECIES	1				4				4			
	NO. OF INDIVIDUALS	1				6	2	1	1	7	2	1	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	4	7	1.8454	.8395	1.0000

1

TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD NOVEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	SICYONIA DORSALIS	1		1		14	8	6		15	8	7	
2	PENAEUS AZTECUS					12	6	6		12	6	6	
3	TRACHYPENAEUS SIMILIS					6		6		6		6	
4	SQUILLA CHYDAEA					4	4			4	4		
5	CALLINECTES SIMILIS					1		1		1		1	
6	PORTUNUS GIBBESII					1		1		1		1	
7	RENILLA MULLERI					1				1			
	NO. OF SPECIES	1				7				7			
	NO. OF INDIVIDUALS	1		1		39	18	20		40	18	21	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	7	40	2.1972	.7538	.8571

1

TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD NOVEMBER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	F^E	TOTAL	M	FM	F^E	INDIV	M	FM	F^E
1	PENAEUS AZTECUS	1	1			4	1	3		5	2	3	
2	AMUSIUM PAPYRACEUS	2				1				3			
3	SOLENOCERA VIOSCAI					3	1	2		3	1	2	
4	CALLINECTES SIMILIS					2	2			2	2		
5	SQUILLA CHYDAEA					1	1			1	1		
6	ASTROPECTEN CINGULATUS					1				1			
7	PITAR CORDATUS					1				1			
8	ANADARA NOTABILIS	1								1			
	NO. OF SPECIES	3				7				8			
	NO. OF INDIVIDUALS	4	1			13	5	5		17	6	5	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	8	17	2.7328	.8754	1.1258

1

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD NOVEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F&E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F&E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F&E
1	AMUSIUM PAPYRACEUS	5				7				12			
2	PENAEUS AZTECUS	1	1			6	4	2		7	5	2	
3	PORTUNUS SPINICARPUS					1	1			1	1		
4	CALAPPA SULCATA					1		1		1		1	
5	CALLINECTES SIMILIS					1	1			1	1		
6	SQUILLA CHYDAEA					1	1			1	1		
	NO. OF SPECIES	2				6				6			
	NO. OF INDIVIDUALS	6	1			17	7	3		23	8	3	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	6	23	1.8817	.6561	.8333

TABLE 2 CONT.'D

STATION 1 TRANSECT 2 PERIOD DECEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY FAE	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT FAE	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL FAE
1	TRACHYPENAEUS SIMILIS	1	1			57	17	40		58	18	40	
2	SICYONIA DORSALIS					22	6	16		22	6	16	
3	SQUILLA CHYDAEA					12	3	9		12	3	9	
4	PENAEUS SETIFERUS	2	1	1		4	3	1		6	4	2	
5	RENILLA MULLERI	3				1				4			
6	ASTROPECTEN CINGULATUS	2								2			
7	CALLINECTES SIMILIS					1		1		1		1	
	NO. OF SPECIES	4				6				7			
	NO. OF INDIVIDUALS	8	2	1		97	29	67		105	31	68	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	2	7	105	1.8945	.6388	.7143

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TABLE 2 CONT.'D

STATION 2 TRANSECT 2 PERIOD DECEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	ASTROPECTEN DUPLICATUS					14				14			
2	SICYONIA DORSALIS	1		1		6	4	2		7	4	3	
3	PENAEUS AZTECUS	1	1			5	3	2		6	4	2	
4	CALLINECTES SIMILIS					5	1	4		5	1	4	
5	BRISSOPSIS ALTA					3				3			
6	TRACHYPENAEUS SIMILIS					3		3		3		3	
7	LAEVICARDIUM LAEVIGATUM					1				1			
8	OCTOPUS SP	1								1			
9	MOLPADIA ANDAMANENSIS					1				1			
10	CALAPPA SULCATA					1	1			1	1		
11	SQUILLA CHYDAEA	1		1						1		1	
12	LEIOLAMBRUS NITIDUS	1		1						1		1	
	NO. OF SPECIES	5				9				12			
	NO. OF INDIVIDUALS	5	1	3		39	9	11		44	10	14	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	2	12	44	2.9738	.8488	1.0000

TABLE 2 CONT.'D

STATION 3 TRANSECT 2 PERIOD DECEMBER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	F^E	TOTAL	M	FM	F^E	INDIV	M	FM	F^E
1	BRISSOPSIS ALTA	26				3				29			
2	ANASIMUS LATUS	7	1		6	22	4	2	16	29	5	2	22
3	ECHINOIDEA	15				1				16			
4	PORTUNUS SPINICARPUS	1		1		12	6	3	3	13	6	4	3
5	PORCELLANA SIGSBEIANA	3		1	2	2	2			5	2	1	2
6	ASTROPECTEN CINGULATUS	2				2				4			
7	AMUSIUM PAPYRACEUS					4				4			
8	RANINOIDES LOUISIANENSIS	1			1	2	1	1		3	1	1	1
9	AURINIOPSIS KIENERI					3				3			
10	ACANTHOCARPUS ALEXANDRI	1	1			2	2			3	3		
11	THELXIOPE BARBATA	1		1						1		1	
12	ASTEROIDEA	1								1			
13	CALLINECTES SIMILIS	1		1						1		1	
14	ACTINARIA SPC					1				1			
	NO. OF SPECIES	11				11				14			
	NO. OF INDIVIDUALS	59	2	4	9	54	15	6	19	113	17	10	28

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	2	14	113	2.9690	.8355	.8571

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TABLE 2 CONT.'D

STATION 4 TRANSECT 2 PERIOD DECEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	TRACHYPENAEUS SIMILIS					25	8	17		25	8	17	
2	SICYONIA DORSALIS					15	8	7		15	8	7	
3	CALLINECTES SIMILIS	1	1			5	3	1	1	6	4	1	1
4	ASTROPECTEN DUPLICATUS					4				4			
5	SQUILLA CHYDAEA					2	1	1		2	1	1	
6	PORTUNUS SPINICARPUS	1	1							1	1		
7	SQUILLA EMPUSA					1	1			1	1		
8	PORTUNUS SPINIMANUS					1		1		1		1	
	NO. OF SPECIES	2				7				8			
	NO. OF INDIVIDUALS	2	2			53	21	27	1	55	23	27	1

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	2	8	55	2.1447	.7125	.7500

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TABLE 2 CONT.'D

STATION 5 TRANSECT 2 PERIOD DECEMBER 1976

RANK	SPECIES	DAY TOTAL	DAY M	DAY FM	DAY F^E	NIGHT TOTAL	NIGHT M	NIGHT FM	NIGHT F^E	TOTAL INDIV	TOTAL M	TOTAL FM	TOTAL F^E
1	AMUSIUM PAPYRACEUS					38				38			
2	CALLINECTES SIMILIS	19	8	10	1	8	3	5		27	11	15	1
3	PENAEUS AZTECUS	5	3	2		18	10	8		23	13	10	
4	PITAR CORDATUS	13				4				17			
5	ASTROPECTEN CINGULATUS	5				2				7			
6	SOLENOCERA VIOSCAI					3		3		3		3	
7	SQUILLA CHYDAEA					3	1	2		3	1	2	
8	ANADARA NOTABILIS	2								2			
9	STYELA SP					2				2			
10	CALAPPA SULCATA	1	1							1	1		
11	ANASIMUS LATUS					1	1			1	1		
12	ASTROPECTEN DUPLICATUS	1								1			
13	RANINOIDES LAMARCKI	1	1							1	1		
14	SICYONIA DORSALIS	1		1						1		1	
15	STENORYNCHUS SETICORNIS	1			1					1			1
	NO. OF SPECIES	10				9				15			
	NO. OF INDIVIDUALS	49	13	13	2	79	15	18		128	28	31	2

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	2	15	128	2.8290	.8189	.6667

1

TABLE 2 CONT.'D

STATION 6 TRANSECT 2 PERIOD DECEMBER 1976

		DAY				NIGHT				TOTAL			
RANK	SPECIES	TOTAL	M	FM	F^E	TOTAL	M	FM	F^E	INDIV	M	FM	F^E
1	AMUSIUM PAPYRACEUS	22				8				30			
2	PORTUNUS SPINICARPUS	3	1	2		12	5	7		15	6	9	
3	ASTROPECTEN CINGULATUS	5				1				6			
4	ANASIMUS LATUS	2	2			3	1		20	5	3		20
5	BRISSOPSIS ALTA	5								5			
6	ANADARA NOTABILIS	4								4			
7	EUPHROSYNOPLAX CLAUSI					3	2	1		3	2	1	
8	PENAEUS AZTECUS	1	1			1		1		2	1	1	
9	PARAPENAEUS LONGIROSTRIS	1		1						1		1	
10	PAGURUS BULLISI	1								1			
11	STYELA SP	1								1			
12	CALLINECTES SIMILIS	1		1						1		1	
13	COLLODES LEPTOCHELES					1			1	1			1
	NO. OF SPECIES	11				7				13			
	NO. OF INDIVIDUALS	46	4	4		29	8	9	21	75	12	13	21

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	2	13	75	2.7762	.7892	.7692

TABLE 3

LIST OF MACROINFAUNAL SPECIES AND THEIR ABUNDANCES
FOR EACH REPLICATE GRAB.
SPECIES ARE RANKED BY ABUNDANCE

Explanation of Table 3:

RANK	Species ranked by total abundance in all six replicates
REPLICATE	Number of individuals in each replicate
TOTAL INDIVIDUALS	Total number of individuals in all six replicates
TOTAL OCCURRENCES	Number of replicates in which the species occurred
DIVERSITY	Shannon-Wiener diversity index
PIE	Hurlbert's Probability of Interspecific Encounter
EQUITABILITY	Lloyd and Ghelardi's measure of evenness

TABLE 3

STATION 1 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	18	21	34	20	20	30	143	6
2	PARAPRIONOSPIO PINNATA	8		48	10	12	35	113	5
3	NEMERTINEA	13	10	3	20	13	11	70	6
4	LUMBRINERIS PARVAPEDATA	8	8	6	12	14	11	59	6
5	SIPUNCULA	11	10	4		7	12	44	5
6	NEREID(NICON) SPA	5		8	4	8	4	29	5
7	MEDIOMASTUS CALIFORNIENSIS	10		8	3	5		26	4
8	AMPELISCA SPA	3	2		2	8	3	18	5
9	NEPHTYS INCISA	1	1	5	2	3	2	14	6
10	COSSURA DELTA		2	3	3		3	11	4
11	MAGELONA ROSEA	1	2	1	2	2	1	9	6
12	ARICIDEA JEFFREYSII					4	5	9	2
13	LUMBRINERIS TENUIS		4		2		1	7	3
14	NINOE NIGRIPES	1	3	1	1	1		7	5
15	ASYCHIS ELONGATA		1		4		2	7	3
16	AMAEANA ACCRAENSIS			6				6	1
17	ASYCHIS SP	1	2	3				6	3
18	PHOTIS MACROMANUS	2		1	1	2		6	4
19	MINUSPIO CIRRIFERA	3		2				5	2
20	NATICA PUSILLA		2			2	1	5	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARADONIS GRACILIS			1		3	1	5	3
22	GLYCERA CAPITATA	1			1		3	5	3
23	PALEANOTUS HETEROSETA	4						4	1
24	PRIONOSPIO CRISTATA					1	3	4	2
25	ZOANTHARIA	2	1	1				4	3
26	SIGAMBRA TENTACULATA				2		1	3	2
27	TEREBRA PROTEXTA						3	3	1
28	DIOPATRA CUPREA		1				2	3	2
29	APOPRIONOSPIO PYGMAEA					2		2	1
30	CHASMOCARCINUS MISSISSIPPIENSIS				2			2	1
31	CERATONEREIS MIRABILIS					1	1	2	2
32	THARYX MARIONI					1	1	2	2
33	MACOMA PULLEYI					1	1	2	2
34	EUPANTHALIS KINBERGI		1			1		2	2
35	PINNIXA CF CHAETOPTERANA	2						2	1
36	PECTINARIA GOULDII					2		2	1
37	AUTOMATE EVERMANNI	1			1			2	2
38	CLYMENELLA TORQUATA	1	1					2	2
39	DORVILLEA CAECA	1						1	1
40	ARICIDEA WASSI						1	1	1
41	MAGELONA LONGICORNIS						1	1	1
42	ONUPHIDAE					1		1	1
43	AMPELISCA VERRILLI						1	1	1
44	ERIOPISA INCISA	1						1	1
45	SPIOCHAETOPTERUS COSTARUM					1		1	1
46	SPIONIDAE					1		1	1
47	PHYLLODOCE MUCOSA			1				1	1
48	POLYCHAETE SPA		1					1	1
49	PARAMETOPELLA TEXENSIS		1					1	1
50	NUCULANA CONCENTRICA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	ALPHEUS SP	1						1	1
52	STHENELAIS BOA				1			1	1
53	AEDICIRA BELGICAE						1	1	1
54	AMPHARETE CF AMERICANA					1		1	1
55	AEDICIRA ALBATROSSAE	1						1	1
56	PETALOPROCTUS CF TERRICOLA		1					1	1
57	CANTHARUS CANCELLARIA					1		1	1
58	OXYUROSTYLIS SP				1			1	1
59	AMPELISCA ABDITA						1	1	1
	NO. OF SPECIES	24	21	18	20	27	28		
	NO. OF INDIVIDUALS	100	76	136	94	118	142	666	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	I	59	666	4.1195	.8969	.4407

TABLE 3 CONT.'D

STATION 2 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
1	PARAONIS GRACILIS	2		8	4	1	2	17	5
2	NEMERTINEA	1	5	1	7		2	16	5
3	MAGELONA LONGICORNIS	2	3	2	1	3	3	14	6
4	PARAPRIONOSPIO PINNATA	6	2	2	3			13	4
5	LUMBRINERIS TETRAURA	3		3	5			11	3
6	COSSURA DELTA	1		3	1	2	4	11	5
7	PARAONIS SPA	2	3			3	2	10	4
8	EUDORELLA MONODON	3	2	1	2		2	10	5
9	NEPHTYS INCISA	2	3		2	1	1	9	5
10	NEREID(NICON) SPA	5	1	2	1			9	4
11	MEDIOMASTUS CALIFORNIENSIS		1	8				9	2
12	AMPELISCA VERRILLI	2	2		2	1	1	8	5
13	AEDICIRA BELGICAE			4	1			5	2
14	MINUSPIO CIRRIFERA			4				4	1
15	LUMBRINERIS TENUIS		3					3	1
16	NOTOMASTUS CF LATERICEUS	2				1		3	2
17	THARYX MARIONI	1		1				2	2
18	SIGAMBRA TENTACULATA	1		1				2	2
19	MAGELONA ROSEA	1	1					2	2
20	ARICIDEA SUECICA				2			2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ACTINARIA		2					2	1
22	NOTOMASTUS LATERICEUS		2					2	1
23	NINOE NIGRIPES	1					1	2	2
24	ARICIDEA JEFFREYSII	1		1				2	2
25	SIPUNCULA					2		2	1
26	AMPELISCA ABDITA	1			1			2	2
27	ACETES AMERICANA	2						2	1
28	DIOPATRA CUPREA					1		1	1
29	AMPELISCA AGASSIZI	1						1	1
30	CUMACEAN SPB					1		1	1
31	MOLPADIA ADAMANENSIS					1		1	1
32	CHAETODERMA SPA					1		1	1
33	AUTOMATE EVERMANNI	1						1	1
34	SPEOCARCINUS LOBATUS					1		1	1
35	SPIOPHANES BOMBYX				1			1	1
36	NOTOMASTUS HEMIPODUS				1			1	1
37	CHAETOZONE SETOSA	1						1	1
38	DRILONEREIS FILUM		1					1	1
39	VITRINELLA FLORIDANA						1	1	1
40	CERATONEREIS IRRITABILIS				1			1	1
41	APSEUDES SPA			1				1	1
42	STHENELAIS LIMICOLA			1				1	1
43	AMPHICTEIS GUNNERI				1			1	1
44	CHASMOCARCINUS MISSISSIPPIENSIS				1			1	1
45	OPHIUROIDEA		1					1	1
46	ALPHEUS SP		1					1	1
47	LUMBRINERIS PARVAPEDATA					1		1	1
48	PHOTIS MACROMANUS	1						1	1
49	ANCISTROSYLLIS JONESI		1					1	1
50	ACLIS SPA		1					1	1
	NO. OF SPECIES	23	18	16	18	14	10		
	NO. OF INDIVIDUALS	43	35	43	37	20	19	197	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	I	50	197	4.8984	.9589	.9000

TABLE 3 CONT.'D

STATION 3 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	1	2	3	2		1	9	5
2	PARAPRIONOSPIO PINNATA		1		2	1	2	6	4
3	ALTERNOCHELATA SPA	1		1	2	1		5	4
4	SIGAMBRA TENTACULATA			2	1		1	4	3
5	GNATHIA SP			4				4	1
6	PARALACYDONIA PARADOXA	2	1	1				4	3
7	NEPHTYS INCISA	2		2				4	2
8	STERNASPIS SCUTATA	1		1	1		1	4	4
9	XENANTHURA BREVITELSON			2		1		3	2
10	ERIOPISA INCISA			3				3	1
11	BYBLIS CF GAIMARDI				1	2		3	2
12	NINOE NIGRIPES			1	1	1		3	3
13	AMPELISCA SPA		1		1			2	2
14	THARYX MARIONI				2			2	1
15	OPHIUROIDEA	1		1				2	2
16	ARMANDIA MACULATA						2	2	1
17	CALLIANASSA CF ATLANTICA						2	2	1
18	ACLIS SPA			1		1		2	2
19	APSEUDES SPA			2				2	1
20	TEREBELLIDES STROEMII				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AGLAOPHAMUS CIRCINATA				1			1	1
22	ARICIDEA JEFFREYSII		1					1	1
23	CALIFIA SP		1					1	1
24	ONUPHIS SP			1				1	1
25	ONUPHIS SPB	1						1	1
26	LUMBRINERIS ALBIDENTATA		1					1	1
27	ALPHEUS CF AMBLYONYX			1				1	1
28	AMPELISCA AGASSIZI						1	1	1
29	TETRAGONODON SPA		1					1	1
30	ANTHURID SPA					1		1	1
31	DORVILLEA CAECA			1				1	1
32	HIPPOMEDON CF SERRATUS			1				1	1
33	GONEPLACIDAE			1				1	1
34	UNCIOLA SERRATA			1				1	1
35	APOPRIONOSPIO PYGMAEA			1				1	1
36	PLATYHELMINTHES						1	1	1
37	PARASTEROPE SPP	1						1	1
38	CALLIANASSA CF LATISPINA		1					1	1
39	LEPTOCHELIA SP		1					1	1
40	COSSURA DELTA						1	1	1
41	CALLIANASSA LATISPINA						1	1	1
42	POECILOCHAETUS JOHNSONI				1			1	1
43	PHILOMEDES SPA						1	1	1
44	DENTALIUM SOMERBYI				1			1	1
45	CHLOEIA VIRIDIS	1						1	1
46	ARICIDEA SP	1						1	1
47	NEMERTINEA						1	1	1
48	SARSIELLA SPB	1						1	1
49	OTOPSIS LONGIPES						1	1	1
50	SYLLIS SPC				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CHAETODERMA SPA		1					1	1
52	POLYNOIDAE					1		1	1
53	GONIADA TERES					1		1	1
54	NATICA MAROCHIENSIS				1			1	1
55	HARPINIA SP	1						1	1
	NO. OF SPECIES	12	11	20	15	9	13		
	NO. OF INDIVIDUALS	14	12	31	19	10	16	102	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	I	55	102	5.4199	.9786	1.1273

TABLE 3 CONT.'D

STATION 4 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	52	146	78	97	95	149	617	6
2	SPIOPHANES BOMBYX	74	33	3	5	29	64	208	6
3	LUMBRINERIS PARVAPEDATA	15	40	22	24	38	24	163	6
4	MEDIOMASTUS CALIFORNIENSIS	12	20	4	25	16	45	122	6
5	PARAPRIONOSPIO PINNATA	18	33	5	20	23	21	120	6
6	SIPUNCULA	33	20	26	12	23		114	5
7	NEMERTINEA	8	14	5	21	24	17	89	6
8	PHORONIDA	13	41	1		4	9	68	5
9	NEREID(NICON) SPA	12	5	12		14	19	62	5
10	DIOPATRA CUPREA		5	9	3	9	6	32	5
11	MINUSPIO CIRRIFERA	2	16	2			8	28	4
12	TELLINA SP	18				5		23	2
13	OXYUROSTYLIS SP		1	3		16	2	22	4
14	PRIONOSPIO CRISTATA	4	6	2		4	6	22	5
15	NEPHTYS PICTA	3	1	4	2	3	5	18	6
16	MAGELONA ROSEA	2	3	4	1	4	4	18	6
17	AGLAOPHAMUS CIRCINATA		9	1		5	2	17	4
18	MAGELONA PETTIBONEAE			1	5	4	7	17	4
19	STHENELAIS BOA		1	3	1	8	2	15	5
20	ARICIDEA TAYLORI	2	2	4	1	3	3	15	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SCOLOPLOS RUBRA	2	3	2		4	4	15	5
22	OPHIUROIDEA	1	5	1	1	4	1	13	6
23	LUMBRINERIS TENUIS	1	5	2	3	1	1	13	6
24	AGLAOPHAMUS VERRILLI	2	4	1	1	1	2	11	6
25	SPIOCHAETOPTERUS COSTARUM	2		1		5	3	11	4
26	GLYCERA CAPITATA	2	3	1	1	1	3	11	6
27	OWENIA FUSIFORMIS		7	1		2		10	3
28	CIRROPHORUS LYRIFORMIS	2	1		3	1	2	9	5
29	COROPHIUM SP	1	1			2	4	8	4
30	POLYDORA CF SOCIALIS	3				1	4	8	3
31	APOPRIONOSPIO PYGMAEA	4			1		3	8	3
32	ARICIDEA WASSI		1		3	1	1	6	4
33	AMPELISCA SPA	3		1		1	1	6	4
34	PARAONIS GRACILIS	3				3		6	2
35	AEDICIRA BELGICAE		2	1	3			6	3
36	AMPELISCA AGASSIZI	4					2	6	2
37	ASYCHIS ELONGATA	1	3	1		1		6	4
38	ARICIDEA JEFFREYSII	1			1	3		5	3
39	OGYRIDES LIMICOLA	4					1	5	2
40	SIGAMBRA TENTACULATA		3		1		1	5	3
41	GYPTIS VITTATA				2		2	4	2
42	ZOANTHARIA	2		2				4	2
43	ABRA AEQUALIS						4	4	1
44	TUBULARIA SP				2	1		3	2
45	NEREIS SUCCINEA						3	3	1
46	DORIDELLA OBSCURA	2		1				3	2
47	PALEAMOTUS HETEROSETA		3					3	1
48	XANTHIDAE			2		1		3	2
49	ISOPOD SPA			2				2	1
50	PAGURUS CF BULLISI						2	2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	POLYCHAETE SPA						2	2	1
52	ARMANDIA MACULATA		1			1		2	2
53	TELLINA VERSICOLOR		1				1	2	2
54	PAGURUS BULLISI	2						2	1
55	EUCERAMUS PRAELONGUS		1			1		2	2
56	PIROMIS ARENOSUS		2					2	1
57	NASSARIUS ACUTUS					1	1	2	2
58	NEPHTYS SP						2	2	1
59	UPOGEBIA AFFINIS			2				2	1
60	LATREUTES PARVULUS					1		1	1
61	TEREBELLIDAE						1	1	1
62	AMPHARETIDAE			1				1	1
63	PROCESSA HEMPHILLI	1						1	1
64	ACTINARIA					1		1	1
65	CALLIANASSA CF ACANTHOCHIRUS					1		1	1
66	HEXAPANOPEUS ANGUSTIFRONS			1				1	1
67	TEREBRA PROTEXTA						1	1	1
68	CAPITELLA CAPITATA		1					1	1
69	PITAR CORDATUS				1			1	1
70	DRILONEREIS MAGNA			1				1	1
71	GONEPLACIDAE			1				1	1
72	MALACOCEROS SP			1				1	1
73	MARPHYSA SANGUINEA						1	1	1
74	MUNNA SP					1		1	1
75	MALDANIDAE						1	1	1
76	AMPHARETE AMERICANA						1	1	1
77	POLYNOIDAE					1		1	1
78	MONOCULOIDES SPB					1		1	1
79	PRAXILLELLA CF AFFINIS					1		1	1
80	SPIO PETTIBONEAE	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	CIRRIFORMIA FILIGERA						1	1	1
82	LEPIDONOTUS CF VARIABILIS		1					1	1
83	NINOE NIGRIPES		1					1	1
84	SPEOCARCINUS LOBATUS		1					1	1
85	CHAETOZONE GAYHEADIA						1	1	1
86	ARICIDEA CF FRAGILIS	1						1	1
87	LEPTOCHELA SERRATORBITA	1						1	1
88	NATICA PUSILLA				1			1	1
89	PARAMETOPELLA TEXENSIS					1		1	1
90	CLYTIA LONGICYATHA					1		1	1
	NO. OF SPECIES	38	39	39	27	48	48		
	NO. OF INDIVIDUALS	314	446	215	241	372	450	2038	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	I	90	2038	4.1633	.8762	.3000

TABLE 3 CONT.'D

STATION 5 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIOCHAETOPTERUS COSTARUM		2	1	4	2	1	10	5
2	PARAPRIONOSPIO PINNATA	3	1	3	1	2		10	5
3	NEMERTINEA	1	1				3	5	3
4	COSSURA DELTA			1	2	1	1	5	4
5	NEPHTYS INCISA	1		1			1	3	3
6	PITAR CORDATUS		3					3	1
7	MAGELONA LONGICORNIS	1	1		1			3	3
8	PARAONIS GRACILIS			3				3	1
9	POLYNOIDAE		1				1	2	2
10	XANTHIDAE				1			1	1
11	SIGAMBRA TENTACULATA				1			1	1
12	MINUSPIO CIRRIFERA				1			1	1
13	SPIOPHANES BOMBYX				1			1	1
14	ARMANDIA MACULATA						1	1	1
15	AMAEANA ACCRAENSIS			1				1	1
16	TEREBELLIDAE	1						1	1
17	SYLLIS FERRUGINA			1				1	1
18	PROCESSA HEMPHILLI	1						1	1
19	SIGAMBRA BASSI	1						1	1
20	ACTINARIA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NATICA PUSILLA		1					1	1
22	MARPHYSA CF SANGUINEA		1					1	1
23	AUTOMATE EVERMANNI	1						1	1
24	TEREBELLIDES STROEMII		1					1	1
25	MEGALOMMA CF BIOCULATUM						1	1	1
26	NINOE NIGRIPES	1						1	1
27	PARAONIS SPA						1	1	1
28	OPHIUROIDEA						1	1	1
29	CHASMOCARCINUS MISSISSIPPIENSIS	1						1	1
30	VITRINELLA FLORIDANA	1						1	1
31	CHAETOZONE SETOSA					1		1	1
32	AMPELISCA AGASSIZI						1	1	1
33	ONUPHIDAE				1			1	1
34	THARYX MARIONI					1		1	1
	NO. OF SPECIES	11	10	7	9	5	10		
	NO. OF INDIVIDUALS	13	13	11	13	7	12	69	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	I	34	69	4.5120	.9476	1.0000

TABLE 3 CONT.'D

STATION 6 TRANSECT I PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIOCHAETOPTERUS COSTARUM	6	2	19	4	2	9	42	6
2	DENTALIUM SOWERBYI	7		5		3		15	3
3	SIPUNCULA	3	1	3	5	1	2	15	6
4	PARAPRIONOSPIO PINNATA	1		4	2	1	3	11	5
5	THARYX MARIONI	1		1	4	2	3	11	5
6	NEMERTINEA		1		4	1	2	8	4
7	COSSURA DELTA	1		2	1	1	3	8	5
8	SIGAMBRA TENTACULATA		1	3	2	2		8	4
9	PARALACYDONIA PARADOXA	1	1	1	1	1	1	6	6
10	MAGELONA PHYLLISAE	5	1					6	2
11	ALTERNOCHELATA SPA	1		1	2	1		5	4
12	BYBLIS CF GAIMARDI			1	3		1	5	3
13	TEREBELLIDES STROEMII		1	1		2		4	3
14	SERPULA VERMICULARIS	1	2				1	4	3
15	STERNASPIS SCUTATA	1		1			1	3	3
16	OPHIUROIDEA		1		2			3	2
17	ONUPHIDAE			3				3	1
18	PODOCEROPSIS SP				2			2	1
19	ARICIDEA JEFFREYSII					1	1	2	2
20	SCOLOPLOS RUBRA					1	1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GLYCERA TESSELATA						2	2	1
22	PARAONIS SPA			1		1		2	2
23	NEPHTYS INCISA	1		1				2	2
24	NINOE NIGRIPES					1		1	1
25	CALLIANASSA CF MINIMA					1		1	1
26	CALLIANASSA LATISPINA	1						1	1
27	LISTRIELLA BARNARDI			1				1	1
28	NASSARINA GLYPTA						1	1	1
29	PARAONIDES LYRA				1			1	1
30	AMPELISCA SPA	1						1	1
31	APSEUDES SPA	1						1	1
32	XANTHIDAE					1		1	1
33	PARAONIDAE			1				1	1
34	ERIOPISA INCISA					1		1	1
35	HETEROSPIO LONGISSIMA						1	1	1
36	ALPHEUS CF AMBLYONYX	1						1	1
37	CIRRATULIDAE			1				1	1
38	ANTHURID SPA				1			1	1
39	CHONE CF AMERICANA				1			1	1
40	GONIADA NORVEGICA	1						1	1
41	PARAONIS GRACILIS			1				1	1
42	CHLOEIA VIRIDIS			1				1	1
43	ARMANDIA MACULATA			1				1	1
44	PROCESSA HEMPHILLI			1				1	1
	NO. OF SPECIES	17	9	22	15	18	15		
	NO. OF INDIVIDUALS	34	11	54	35	24	32	190	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	I	44	190	4.4810	.9253	.7727

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	28	27	18	39	31	10	153	6
2	MEDIOMASTUS CALIFORNIENSIS	18	13	1	1	21	10	64	6
3	AMPELISCA AGASSIZI		28	1	2		11	42	4
4	NEMERTINEA	5	6	2	7	12	6	38	6
5	ARICIDEA JEFFREYSII	1			16	1		18	3
6	MINUSPIO CIRRIFERA		2		15	1		18	3
7	NEREID(NICON) SPA	4	2	5	3		2	16	5
8	MAGELONA PHYLLISAE		5		5	3	2	15	4
9	COSSURA DELTA	2	1	1	2	5		11	5
10	MAGELONA ROSEA	1	2	4		2	1	10	5
11	PHOTIS MACROMANUS		1	5	3			9	3
12	AMPELISCA ABDITA		1		4		2	7	3
13	SIGAMBRA TENTACULATA		1	1	1		1	4	4
14	NEPHTYS INCISA	1	1		1		1	4	4
15	ARMANDIA MACULATA				2	1	1	4	3
16	ARICIDEA WASSI	1	1			1		3	3
17	AMPELISCA VERRILLI		1				2	3	2
18	NOTOMASTUS CF LATERICEUS	1	2					3	2
19	AUTOMATE EVERMANNI				3			3	1
20	ANCISTROSYLLIS JONESI				2			2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MALACOCEROS VANDERHORSTI						2	2	1
22	AEDICIRA BELGICAE						1	1	1
23	LISTRIELLA BARNARDI				1			1	1
24	PARAMETOPELLA TEXENSIS			1				1	1
25	TELLINA SP			1				1	1
26	EUDORELLA MONODON			1				1	1
27	ACTINARIA	1						1	1
28	SPEOCARCINUS LOBATUS					1		1	1
29	DRILONEREIS MAGNA				1			1	1
30	PIONIXA CF CHAETOPTERANA						1	1	1
31	ONUPHIS SPA	1						1	1
32	PRIONOSPIO CRISTATA					1		1	1
	NO. OF SPECIES	12	16	12	18	12	15		
	NO. OF INDIVIDUALS	64	94	41	108	80	53	440	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	32	440	3.4246	.8351	.5000

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MINUSPIO CIRRIFERA	3		2	2	1	4	12	5
2	COSSURA DELTA	2		2	2	2	3	11	5
3	OPHIUROIDEA		4	1	2	2	1	10	5
4	APSEUDES SPA					9		9	1
5	PARAPRIONOSPIO PINNATA	3				3	2	8	3
6	NEPHTYS INCISA			3		3	2	8	3
7	MAGELONA LONGICORNIS	3			1	1	2	7	4
8	MEDIOMASTUS CALIFORNIENSIS	5	1					6	2
9	PARAONIS GRACILIS		2			3	1	6	3
10	NEMERTINEA				3	2	1	6	3
11	ARICIDEA JEFFREYSII			4				4	1
12	CORBULA CF CONTRACTA	1	3					4	2
13	KALLIAPSEUDES SPA		1		2			3	2
14	THARYX MARIONI		1	1			1	3	3
15	NOTOMASTUS CF LATERICEUS	1				1	1	3	3
16	AMPELISCA AGASSIZI	2		1				3	2
17	MAGELONA ROSEA	2	1					3	2
18	ARICIDEA WASSI		2		1			3	2
19	LUMBRINERIS PARVAPEDATA						2	2	1
20	EUDORELLA MONODON	1			1			2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PINNIXA CF CHAETOPTERANA					1	1	2	2
22	HETEROSPIO LONGISSIMA					1	1	2	2
23	DRILONEREIS MAGNA		1		1			2	2
24	DIOPATRA CUPREA				1			1	1
25	ONUPHIDAE	1						1	1
26	SIGAMBRA TENTACULATA				1			1	1
27	GONIADA TERES				1			1	1
28	AMPHICTEIS GUNNERI		1					1	1
29	VITRINELLA FLORIDANA				1			1	1
30	LUMBRINERIS SP				1			1	1
31	PARALACYDONIA PARADOXA					1		1	1
32	SPEOCARCINUS LOBATUS		1					1	1
33	CAPITELLIDAE		1					1	1
34	SPIONIDAE				1			1	1
35	PARANDALIA FAUVELI			1				1	1
36	SIGALIONIDAE				1			1	1
37	ASYCHIS ELONGATA					1		1	1
38	PHYLLODOCE MUCOSA				1			1	1
39	MAGELONA PHYLLISAE			1				1	1
40	NEREID(NICON) SPA			1				1	1
41	HIPPOMEDON CF SERRATUS					1		1	1
42	LUMBRINERIS TENUIS					1		1	1
	NO. OF SPECIES	11	12	10	17	16	13		
	NO. OF INDIVIDUALS	24	19	17	23	33	22	138	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	I1	42	138	4.8591	.9620	1.0000

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA			1	2	1	1	5	4
2	XENANTHURA BREVITELSON			2		1		3	2
3	SIPUNCULA	1					1	2	2
4	AGLAOPHAMUS CIRCINATA			2				2	1
5	NEMERTINEA		1			1		2	2
6	NUCULANA ACUTA				2			2	1
7	MINUSPIO CIRRIFERA						1	1	1
8	AMPELISCA VERRILLI						1	1	1
9	PARAONIS GRACILIS					1		1	1
10	NINOE NIGRIPES					1		1	1
11	CALLIANASSA SP					1		1	1
12	ARMANDIA MACULATA				1			1	1
13	BYBLIS CF GAIMARDI				1			1	1
14	PARALACYDONIA PARADOXA		1					1	1
15	DIASTYLIS SP			1				1	1
16	ONUPHIS SPD			1				1	1
17	THARYX MARIONI		1					1	1
18	AMPELISCA AGASSIZI			1				1	1
19	TELLINA SP			1				1	1
20	COSSURA DELTA						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GONIADIDAE		1					1	1
22	CHAETOZONE GAYHEADIA						1	1	1
23	SIGAMBRA TENTACULATA	1						1	1
24	ARICIDEA CF FRAGILIS		1					1	1
25	POLYDORA CF CAULLERYI						1	1	1
26	OPHIUROIDEA						1	1	1
27	CYCLOCARDIA ARMILLA						1	1	1
	NO. OF SPECIES	2	5	7	4	6	9		
	NO. OF INDIVIDUALS	2	5	9	6	6	9	37	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	27	37	4.5585	.9745	1.2593

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	5	8	3	8	1	5	30	6
2	EUDORELLA MONODON	3		4	6	2	1	16	5
3	NEPHTYS INCISA	2	1	3	3	3		12	5
4	MEDIOMASTUS CALIFORNIENSIS	1			6	4		11	3
5	NEMERTINEA		1	4	3	3		11	4
6	COSSURA DELTA	2	2	1	2	1	1	9	6
7	MINUSPIO CIRRIFERA					3	6	9	2
8	AMPELISCA AGASSIZI			6	1		2	9	3
9	LUMBRINERIS PARVAPEDATA	2		1		3	2	8	4
10	NOTOMASTUS CF LATERICEUS	2	1		2		2	7	4
11	MAGELONA ROSEA	2		2	3			7	3
12	PARAONIS GRACILIS		1	1		1	1	4	4
13	LUMBRINERIS SP				4			4	1
14	ARMANDIA MACULATA		1			1	1	3	3
15	LUMBRINERIS TENUIS			2		1		3	2
16	AMPELISCA VERRILLI				2		1	3	2
17	THARYX MARIONI	1				1		2	2
18	PRIONOSPIO CRISTATA			1			1	2	2
19	ARICIDEA WASSI	2						2	1
20	AMPELISCA SP				2			2	1

TABLE 3 CON'T.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ARICIDEA JEFFREYSII		1	1				2	2
22	DIOPATRA CUPREA						1	1	1
23	SIGAMBRA SP	1						1	1
24	MAGELONA LONGICORNIS		1					1	1
25	PINNIXA CF RETINENS						1	1	1
26	TELLINA SP		1					1	1
27	SIGAMBRA WASSI					1		1	1
28	APSEUDES SPA			1				1	1
29	PARAONIDAE			1				1	1
30	MAGELONA PHYLLISAE				1			1	1
31	OPHIOGLYCERA LONGICIRRATA						1	1	1
32	DRILONEREIS MAGNA	1						1	1
33	MALACOCEROS INDICUS	1						1	1
34	SIGAMBRA TENTACULATA				1			1	1
35	SIGAMBRA BASSI				1			1	1
36	NINOE NIGRIPES			1				1	1
37	MEGALOMMA CF BIOCULATUM			1				1	1
38	ONUPHIS SPA				1			1	1
39	AMPELISCA ABDITA				1			1	1
40	TRACHYPENAEUS SIMILIS			1				1	1
41	AMPHICTEIS GUNNERI						1	1	1
	NO. OF SPECIES	13	10	17	17	13	15		
	NO. OF INDIVIDUALS	25	18	34	47	25	27	176	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	41	176	4.5153	.9393	.8537

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA		1				4	5	2
2	OPHIUROIDEA		1	1			1	3	3
3	PARAONIS SPA				2			2	1
4	AMPELISCA AGASSIZI	1			1			2	2
5	NEMERTINEA				1		1	2	2
6	MAGELONA LONGICORNIS	1				1		2	2
7	NEPHTYS INCISA	1			1			2	2
8	PARAONIS GRACILIS		1		1			2	2
9	AMYGDALUM PAPYRIUM				1			1	1
10	SPIOPHANES LONGICIRRUS				1			1	1
11	SPIONIDAE				1			1	1
12	PARALACYDONIA PARADOXA				1			1	1
13	AEDICIRA BELGICAE		1					1	1
14	EUDORELLA MONODON				1			1	1
15	LUMBRINERIS TENUIS		1					1	1
16	LUMBRINERIS PARVAPEDATA			1				1	1
17	PINNIXA CF CHAETOPTERANA			1				1	1
18	SIGAMBRA SP		1					1	1
19	CHLOEIA VIRIDIS		1					1	1
20	ARMANDIA MACULATA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CALLIANASSA SP					1		1	1
22	PARAPRIONOSPIO PINNATA		1					1	1
23	DIOPATRA CUPREA						1	1	1
24	NATICA MAROCHIENSIS	1						1	1
25	RANINOIDES LOUISIANENSIS	1						1	1
26	AUTOMATE EVERMANNI		1					1	1
27	NOTOMASTUS CF AMERICANUS					1		1	1
28	PARAONIDAE					1		1	1
29	PARAMPHINOME PULCHELLA						1	1	1
30	NEREIS SP				1			1	1
31	MINUSPIO CIRRIFERA					1		1	1
	NO. OF SPECIES	5	10	3	11	5	5		
	NO. OF INDIVIDUALS	5	10	3	12	5	8	43	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	31	43	4.7745	.9790	1.2581

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	1	1		2	2	2	8	5
2	PARAPRIONOSPIO PINNATA	1	1	2	1	1		6	5
3	PITAR CORDATUS					6		6	1
4	COSSURA DELTA	1	1			1	2	5	4
5	NEMERTINEA			1	1	1	1	4	4
6	SIPUNCULA		3					3	1
7	NINOE NIGRIPES			1			1	2	2
8	THARYX MARIONI		2					2	1
9	AMPELISCA AGASSIZI					1		1	1
10	OPHIODROMUS OBSCURUS					1		1	1
11	PARAONIDES LYRA		1					1	1
12	ONUPHIS SP			1				1	1
13	APSEUDES SPA		1					1	1
14	METAPHOXUS CF FREQUENS		1					1	1
15	PARAONIS GRACILIS			1				1	1
16	PARAONIS SP			1				1	1
17	AEDICIRA BELGICAE			1				1	1
18	NEBALIA SP			1				1	1
19	SOLEMYA SPA		1					1	1
20	PARAONIS SPA		1					1	1

TABLE 3 CON'T.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIOCHAETOPTERUS COSTARUM						1	1	1
22	ERIOPISA INCISA	1						1	1
23	AUTOMATE EVERMANNI						1	1	1
24	BYBLIS CF GAIMARDI		1					1	1
25	ARICIDEA JEFFREYSII						1	1	1
26	GLYCERA CAPITATA					1		1	1
27	PARALACYDONIA PARADOXA					1		1	1
28	MEDIOMASTUS CALIFORNIENSIS					1		1	1
29	LUMBRINERIS PARVAPEDATA					1		1	1
	NO. OF SPECIES	4	11	8	3	11	7		
	NO. OF INDIVIDUALS	4	14	9	4	17	9	57	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	29	57	4.3773	.9505	1.0000

TABLE 3 CONT.'D

STATION 1 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	AMPELISCA AGASSIZI	146	46	90	16	90	41	429	6
2	NEMERTINEA	6	4	6	1	1	1	19	6
3	PARAPRIONOSPIO PINNATA	6	3	2	1	1	2	15	6
4	NOTOMASTUS CF LATERICEUS	2	2	3	2			9	4
5	AMPELISCA ABDITA	1	1	1	3		1	7	5
6	MEDIOMASTUS CALIFORNIENSIS	1		3	1		1	6	4
7	ACTINARIA	1	3	1				5	3
8	MAGELONA LONGICORNIS	1	2				1	4	3
9	NEPHTYS INCISA	1	1	1		1		4	4
10	COSSURA DELTA	1	1	1	1			4	4
11	SIGAMBRA TENTACULATA	1	1	1	1			4	4
12	CERIANTHARIA SPA				2	1	1	4	3
13	LUMBRINERIS PARVAPEDATA	1		1	1			3	3
14	AMPELISCA VERRILLI		1	1			1	3	3
15	NEREID(NICON) SPA					1	1	2	2
16	PARAONIS GRACILIS				1		1	2	2
17	PARAONIDAE	2						2	1
18	GONIADA TERES					2		2	1
19	MINUSPIO CIRRIFERA	1	1					2	2
20	LUMBRINERIS TENUIS	1			1			2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MALACOCEROS SP		2					2	1
22	VITRINELLA FLORIDANA	1		1				2	2
23	MAGELONA PHYLLISAE						2	2	1
24	VOLVULELLA TEXASIANA		1				1	2	2
25	NINOE NIGRIPES				1	1		2	2
26	DRILONEREIS MAGNA	1				1		2	2
27	LISTRIELLA BARNARDI	1				1		2	2
28	DIOPATRA CUPREA	1						1	1
29	NEPHTYS PICTA	1						1	1
30	PITAR CORDATUS		1					1	1
31	NUCULANA CONCENTRICA						1	1	1
32	MAGELONA ROSEA					1		1	1
33	NASSARIUS ACUTUS						1	1	1
34	EUDORELLA MONODON		1					1	1
35	AEDICIRA BELGICAE				1			1	1
36	ONUPHIS SPA	1						1	1
37	OPHIUROIDEA	1						1	1
38	ARMANDIA MACULATA		1					1	1
39	CIRROPHORUS LYRIFORMIS			1				1	1
40	APSEUDES SPA						1	1	1
	NO. OF SPECIES	22	17	14	14	11	15		
	NO. OF INDIVIDUALS	179	72	113	33	101	57	555	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	III	40	555	1.8371	.4002	.1250

STATION 2 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MEDIOMASTUS CALIFORNIENSIS				2	1	5	8	3
2	MAGELONA LONGICORNIS			2	1	1	2	6	4
3	COSSURA DELTA	2			1		3	6	3
4	NEPHTYS INCISA					4	1	5	2
5	PARAONIS GRACILIS	1				1	2	4	3
6	SIGAMBRA TENTACULATA	1	1	1				3	3
7	OPHIUROIDEA		1			1		2	2
8	THARYX MARIONI	2						2	1
9	ONUPHIS SPA	1					1	2	2
10	NINOE NIGRIPES	1		1				2	2
11	NEMERTINEA				2			2	1
12	AUTOMATE EVERMANNI		1					1	1
13	PARAONIS SPA						1	1	1
14	CHAETOZONE SETOSA					1		1	1
15	MINUSPIO CIRRIFERA				1			1	1
16	LUMBRINERIS ALBIDENTATA			1				1	1
17	VOLVULELLA TEXASIANA	1						1	1
18	LUMBRINERIS PARVAPEDATA		1					1	1
19	SPIOPHANES WIGLEYI			1				1	1
	NO. OF SPECIES	7	4	5	5	6	7		
	NO. OF INDIVIDUALS	9	4	6	7	9	15	50	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	III	19	50	3.8626	.9331	1.0526

1

TABLE 3 CONT.'D

STATION 3 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA		1	4		1		6	3
2	SIGAMBRA TENTACULATA		3	1	1		1	6	4
3	MINUSPIO CIRRIFERA			1	3	1		5	3
4	THARYX MARIONI			2		3		5	2
5	COSSURA DELTA		2		3			5	2
6	NEPHTYS INCISA			2	2	1		5	3
7	CALLIANASSA CF MINIMA		1			1		2	2
8	PARAONIS GRACILIS			1			1	2	2
9	CALLIANASSA CF ATLANTICA	1			1			2	2
10	CALOCARIS OXYPLEURA	1			1			2	2
11	STERNASPIS SCUTATA			1	1			2	2
12	NINOE NIGRIPES			2				2	1
13	CALLIANASSA LATISPINA	1					1	2	2
14	ARICIDEA JEFFREYSII		1	1				2	2
15	AGLAOPHAMUS CIRCINATA					2		2	1
16	XENANTHURA BREVITELSON			1				1	1
17	POTAMILLA RENIFORMIS			1				1	1
18	HOLOTHUROIDEA			1				1	1
19	SIPUNCULA			1				1	1
20	BRISSOPSIS ALTA			1				1	1

TABLE 3 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARALACYDONIA PARADOXA				1			1	1
22	CHAETOZONE GAYHEADIA			1				1	1
23	CHAETOZONE SETOSA			1				1	1
24	ALTERNOCHELATA SPA					1		1	1
25	NEMERTINEA						1	1	1
26	LUMBRINERIS ALBIDENTATA				1			1	1
27	AMPELISCA SPA				1			1	1
28	LUMBRINERIS PARVAPEDATA			1				1	1
29	GLYCERA TESSELATA			1				1	1
30	PROCESSA HEMPHILLI	1						1	1
31	PARADNIDES LYRA			1				1	1
	NO. OF SPECIES	4	5	19	10	7	4		
	NO. OF INDIVIDUALS	4	8	25	15	10	4	66	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	III	31	66	4.6057	.9632	1.1290

TABLE 3 CONT.'D

STATION 4 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	121	196	169	260	98	219	1063	6
2	THARYX MARIONI	13	24	34	30	21	14	136	6
3	LUMBRINERIS PARVAPEDATA	9	24	11	28	29	18	119	6
4	AGLAOPHAMUS VERRILLI	13	21	14	15	21	12	96	6
5	ARICIDEA TAYLORI	5	13	12	21	6	29	86	6
6	NETAMELITA BARNARDI	1	8	3	3	25	16	56	6
7	APSEUDES SPA	4	12	3	13	9	8	49	6
8	MEDIOMASTUS CALIFORNIENSIS			12	7	6	5	30	4
9	AMPELISCA VERRILLI	3	4	3	8	6	2	26	6
10	NEMERTINEA	3	1	12	4	3		23	5
11	MINUSPIO CIRRIFERA	1	3	4	3	7	4	22	6
12	ARICIDEA WASSI	4		4	4	2	7	21	5
13	PARAPRIONOSPIO PINNATA	4	3	2	2	4	3	18	6
14	PRIONOSPIO CRISTATA	2		2	4	7	3	18	5
15	APOPRIONOSPIO PYGMAEA		2	2	1	1	10	16	5
16	AMPELISCA AGASSIZI	4	2	2	2	2	3	15	6
17	STHENELAIS BOA			1	4	7	3	15	4
18	PARAONIS GRACILIS	1	3	2	4		4	14	5
19	OGYRIDES LIMICOLA	2	1	2	2	2	3	12	6
20	ARICIDEA JEFFREYSII		1	5	2		2	10	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS TENUIS	1	3	4	2			10	4
22	NATICA PUSILLA						9	9	1
23	TELLINA SP			2		7		9	2
24	TEREBELLIDES STROEMII				1	3	4	8	3
25	ALBUNEA GIBBESII	1	3		1		3	8	4
26	AMPELISCA SPA		1		2	1	3	7	4
27	MALACOCEROS INDICUS						7	7	1
28	CADULUS CAROLINENSIS			2	1		4	7	3
29	AEDICIRA BELGICAE	1			5		1	7	3
30	CHAETOZONE SETUSA		1		3	2		6	3
31	ECHIURIDEA			6				6	1
32	SIPUNCULA			5			1	6	2
33	SYNCHELIDIUM CF AMERICANUM	4			1			5	2
34	LUMBRINERIS JANUARII					1	4	5	2
35	SPIOPHANES BOMBYX	1	1	1	2			5	4
36	OPHIUROIDEA	1		1	1	1	1	5	5
37	GLYCERA CAPITATA			2	1	1	1	5	4
38	DRILONEREIS MAGNA		3	1	1			5	3
39	CALLIANASSA CF ATLANTICA		2	1	1			4	3
40	PRAXILLELLA CF AFFINIS				1		3	4	2
41	LUCINA AMIANTUS				1		3	4	2
42	ISOLDA PULCHELLA				1		3	4	2
43	NEREID(NICON) SPA				1	3		4	2
44	ZOANTHARIA			1	1	1	1	4	4
45	NASSARIUS ACUTUS						4	4	1
46	ERICHTHONIAS BRASILIENSIS				4			4	1
47	GONIADA NORVEGICA				3		1	4	2
48	OSACHILA SP				3			3	1
49	ARMANDIA AGILIS				2		1	3	2
50	PHOTIS MACROMANUS				2		1	3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AUTOMATE EVERMANNI				2		1	3	2
52	TEREBRA PROTEXTA	1					2	3	2
53	ARICIDEA CF LONGOBRANCHIATA					3		3	1
54	SIGAMBRA TENTACULATA		1	1		1		3	3
55	MACOMA PULLEYI			3				3	1
56	SOLEMYA SPA			1	1	1		3	3
57	SAMYTHELLA ELIASONI	1			1		1	3	3
58	PARAMETOPELLA TEXENSIS				2			2	1
59	CHAETOPTERUS VARIOPEDATUS				2			2	1
60	PARAONIDAE		1		1			2	2
61	CANTHARUS CANCELLARIA				1		1	2	2
62	NEPHTYS INCISA		1				1	2	2
63	ONUPHIS EREMITA		1				1	2	2
64	LEPTOCHELA SERRATORBITA		1				1	2	2
65	LUCINA MULTILINEATA						2	2	1
66	AMPELISCA ABDITA			1	1			2	2
67	HAPLOSCOLOPLOS FOLIOSUS			1		1		2	2
68	LISTRIELLA BARNARDI	1				1		2	2
69	SPIOCHAETOPTERUS COSTARUM			1			1	2	2
70	PARASTEROPE SPP					1	1	2	2
71	TELLINA AEQUISTRIATA			1				1	1
72	ARICIDEA SP				1			1	1
73	SPIOPHANES WIGLEYI				1			1	1
74	CERATONEREIS MIRABILIS	1						1	1
75	SARSIELLA SPA					1		1	1
76	SCOLOPLOS RUBRA				1			1	1
77	EUCERAMUS PRAELONGUS	1						1	1
78	PARAONIDES LYRA						1	1	1
79	AMAEANA TRILOBATA					1		1	1
80	NOTOMASTUS CF LATERICEUS			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	APLYSIIDAE						1	1	1
82	EUNOE CF NODULOSA				1			1	1
83	NOTOMASTUS LOBATUS						1	1	1
84	MICROSPIO PIGMENTATA		1					1	1
85	EUPANTHALIS KINBERGI				1			1	1
86	AMPHARETE AMERICANA			1				1	1
87	PINNIXA CF RETINENS						1	1	1
88	LUMBRINERIS SP						1	1	1
89	NOTOMASTUS AMERICANUS					1		1	1
90	ONUPHIS CF MAGNA			1				1	1
91	AMAEANA ACCRAENSIS						1	1	1
92	ASTEROPELLA SPA				1			1	1
93	GRUBEULEPIS CF SULCATISETIS						1	1	1
94	DENTALIUM TEXASIANUM	1						1	1
95	ARICIDEA CF FRAGILIS			1				1	1
96	PISTA CRISTATA						1	1	1
97	GYPTIS VITTATA				1			1	1
98	PHORONIDA						1	1	1
99	CLYTIA LONGICYATHA				1			1	1
100	GLYCINDE SOLITARIA					1		1	1
101	MYSID SPA	1						1	1
102	CYCLASPIS VARIANS	1						1	1
103	ACTINARIA				1			1	1
104	POLYONYX GIBBESI				1			1	1
	NO. OF SPECIES	30	29	42	61	37	57		
	NO. OF INDIVIDUALS	207	338	338	479	288	441	2091	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	III	104	2091	3.4986	.7280	.1635

TABLE 3 CONT.'D

STATION 5 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	1	1		1	4		7	4
2	LUMBRINERIS PARVAPEDATA	2	2			2		6	3
3	NEPHTYS INCISA		1	1	1	1		4	4
4	NINOE NIGRIPES			2	1		1	4	3
5	SPEOCARCINUS LOBATUS	1	1			1		3	3
6	ACLIS SPA				3			3	1
7	MAGELONA LONGICORNIS	2			1			3	2
8	CIRROPHORUS LYRIFORMIS		1	1		1		3	3
9	EUDORELLA MONODON	1			2			3	2
10	MAGELONA ROSEA	1		1				2	2
11	NETAMELITA BARNARDI				2			2	1
12	ARMANDIA MACULATA		1		1			2	2
13	PARAPRIONOSPIO PINNATA				1	1		2	2
14	OPHIUROIDEA				1		1	2	2
15	VOLVULELLA TEXASIANA					2		2	1
16	SIGAMBRA TENTACULATA					2		2	1
17	NOTOMASTUS CF LATERICEUS				1			1	1
18	OPHIOGLYCERA SP				1			1	1
19	AMPELISCA VERRILLI				1			1	1
20	MEDIOMASTUS CALIFORNIENSIS		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA PHYLLISAE						1	1	1
22	DIOPATRA CUPREA			1				1	1
23	PINNIXA CF CHAETOPTERANA			1				1	1
24	AGLAOPHAMUS CIRCINATA	1						1	1
25	AEDICIRA BELGICAE				1			1	1
26	ARMANDIA SP						1	1	1
27	DRILONEREIS MAGNA					1		1	1
28	ARICIDEA SUECICA						1	1	1
29	ALPHEUS SP					1		1	1
30	ALPHEUS FLORIDANUS						1	1	1
31	NEPHTYS SP						1	1	1
32	APSEUDES SPA						1	1	1
33	PARAONIS GRACILIS		1					1	1
34	COSSURA DELTA					1		1	1
35	VITRINELLA FLORIDANA				1			1	1
36	SCHISTOMERINGOS RUDOLPHI	1						1	1
	NO. OF SPECIES	8	8	6	15	11	8		
	NO. OF INDIVIDUALS	10	9	7	19	17	8	70	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	III	36	70	4.8668	.9710	1.1667

TABLE 3 CONT.'D

STATION 6 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	1	1	3		2	3	10	5
2	ERIOPISA INCISA	6						6	1
3	PHILOMEDES SPA			2	2	2		6	3
4	PARAPRIONOSPIO PINNATA	2		1	1		2	6	4
5	PITAR CORDATUS	2			1			3	2
6	SIGAMBRA TENTACULATA	1		1	1			3	3
7	NUCULANA ACUTA	3						3	1
8	NASSARIUS VIBEX		1	1			1	3	3
9	AGLAOPHAMUS CIRCINATA				2	1		3	2
10	GNATHIA SP			2				2	1
11	NATICA PUSILLA			2				2	1
12	ALTERNOCHELATA SPA					1	1	2	2
13	COSSURA DELTA	1					1	2	2
14	PARAONIS GRACILIS		1			1		2	2
15	MONOCULOIDES SPA	1						1	1
16	NINOE NIGRIPES			1				1	1
17	LUMBRINERIS ALBIDENTATA			1				1	1
18	POLINICES DUPLICATUS			1				1	1
19	NASSARIUS ACUTUS			1				1	1
20	SYLLIS HYALINA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PHYLLODOCIDAE			1				1	1
22	BYBLIS CF GAIMARDI			1				1	1
23	AMPELISCA SPA					1		1	1
24	PROTANKYRA ABYSSICOLA						1	1	1
25	CIRRATULIDAE	1						1	1
26	CHAETODERMA SPA		1					1	1
27	NEREIS SP		1					1	1
28	ILYPHAGUS CF OCTOBRANCHUS	1						1	1
29	ARICIDEA SUECICA						1	1	1
30	HOLOTHUROIDEA		1					1	1
31	APSEUDES SPA		1					1	1
32	ARICIDEA JEFFREYSII					1		1	1
33	MINUSPIO CIRRIFERA				1			1	1
34	PARALACYDONIA PARADOXA					1		1	1
35	TEREBRA PROTEXTA				1			1	1
36	TETRAGONODON SPA					1		1	1
37	PHASCOLION SP				1			1	1
38	ARMANDIA MACULATA				1			1	1
39	LEUCON SP				1			1	1
40	LEPTOCHELIA SP				1			1	1
	NO. OF SPECIES	10	7	14	11	9	7		
	NO. OF INDIVIDUALS	19	7	19	13	11	10	79	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	III	40	79	4.8748	.9643	1.0500

TABLE 3 CONT.'D

STATION 1 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	AMPELISCA AGASSIZI	146	46	90	16	90	41	429	6
2	NEMERTINEA	6	4	6	1	1	1	19	6
3	PARAPRIONOSPIO PINNATA	6	3	2	1	1	2	15	6
4	NOTOMASTUS CF LATERICEUS	2	2	3	2			9	4
5	AMPELISCA ABDITA	1	1	1	3		1	7	5
6	MEDIOMASTUS CALIFORNIENSIS	1		3	1		1	6	4
7	ACTINARIA	1	3	1				5	3
8	MAGELONA LONGICORNIS	1	2				1	4	3
9	NEPHTYS INCISA	1	1	1		1		4	4
10	COSSURA DELTA	1	1	1	1			4	4
11	SIGAMBRA TENTACULATA	1	1	1	1			4	4
12	CERIANTHARIA SPA				2	1	1	4	3
13	LUMBRINERIS PARVAPEDATA	1		1	1			3	3
14	AMPELISCA VERRILLI		1	1			1	3	3
15	NEREID(NICON) SPA					1	1	2	2
16	PARAONIS GRACILIS				1		1	2	2
17	PARAONIDAE	2						2	1
18	GONIADA TERES					2		2	1
19	MINUSPIO CIRRIFERA	1	1					2	2
20	LUMBRINERIS TENUIS	1			1			2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MALACOCEROS SP		2					2	1
22	VITRINELLA FLORIDANA	1		1				2	2
23	MAGELONA PHYLLISAE						2	2	1
24	VOLVULELLA TEXASIANA		1				1	2	2
25	NINOE NIGRIPES				1	1		2	2
26	DRILONEREIS MAGNA	1				1		2	2
27	LISTRIELLA BARNARDI	1				1		2	2
28	DIOPATRA CUPREA	1						1	1
29	NEPHTYS PICTA	1						1	1
30	PITAR CORDATUS		1					1	1
31	NUCULANA CONCENTRICA						1	1	1
32	MAGELONA ROSEA					1		1	1
33	NASSARIUS ACUTUS						1	1	1
34	EUDORELLA MONODON		1					1	1
35	AEDICIRA BELGICAE				1			1	1
36	ONUPHIS SPA	1						1	1
37	OPHIUROIDEA	1						1	1
38	ARMANDIA MACULATA		1					1	1
39	CIRROPHORUS LYRIFORMIS			1				1	1
40	APSEUDES SPA						1	1	1
	NO. OF SPECIES	22	17	14	14	11	15		
	NO. OF INDIVIDUALS	179	72	113	33	101	57	555	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	III	40	555	1.8371	.4002	.1250

TABLE 3 CONT.'D

STATION 2 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MEDIOMASTUS CALIFORNIENSIS				2	1	5	8	3
2	MAGELONA LONGICORNIS			2	1	1	2	6	4
3	COSSURA DELTA	2			1		3	6	3
4	NEPHTYS INCISA					4	1	5	2
5	PARAONIS GRACILIS	1				1	2	4	3
6	SIGAMBRA TENTACULATA	1	1	1				3	3
7	OPHIUROIDEA		1			1		2	2
8	THARYX MARIONI	2						2	1
9	ONUPHIS SPA	1					1	2	2
10	NINOE NIGRIPES	1		1				2	2
11	NEMERTINEA				2			2	1
12	AUTOMATE EVERMANNI		1					1	1
13	PARAONIS SPA						1	1	1
14	CHAETOZONE SETOSA					1		1	1
15	MINUSPIO CIRRIFERA				1			1	1
16	LUMBRINERIS ALBIDENTATA			1				1	1
17	VOLVULELLA TEXASIANA	1						1	1
18	LUMBRINERIS PARVAPEDATA		1					1	1
19	SPIOPHANES WIGLEYI			1				1	1
	NO. OF SPECIES	7	4	5	5	6	7		
	NO. OF INDIVIDUALS	9	4	6	7	9	15	50	

TABLE 3 CONT.'D

STATION 3 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA		1	4		1		6	3
2	SIGAMBRA TENTACULATA		3	1	1		1	6	4
3	MINUSPIO CIRRIFERA			1	3	1		5	3
4	THARYX MARIONI			2		3		5	2
5	COSSURA DELTA		2		3			5	2
6	NEPHTYS INCISA			2	2	1		5	3
7	CALLIANASSA CF MINIMA		1			1		2	2
8	PARAONIS GRACILIS			1			1	2	2
9	CALLIANASSA CF ATLANTICA	1			1			2	2
10	CALOCARIS OXYPLEURA	1			1			2	2
11	STERNASPIS SCUTATA			1	1			2	2
12	NINOE NIGRIPES			2				2	1
13	CALLIANASSA LATISPINA	1					1	2	2
14	ARICIDEA JEFFREYSII		1	1				2	2
15	AGLAOPHAMUS CIRCINATA					2		2	1
16	XENANTHURA BREVITELSON			1				1	1
17	POTAMILLA RENIFORMIS			1				1	1
18	HOLOTHUROIDEA			1				1	1
19	SIPUNCULA			1				1	1
20	BRISSOPSIS ALTA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARALACYDONIA PARADOXA				1			1	1
22	CHAETOZONE GAYHEADIA			1				1	1
23	CHAETOZONE SETOSA			1				1	1
24	ALTERNOCHELATA SPA					1		1	1
25	NEMERTINEA						1	1	1
26	LUMBRINERIS ALBIDENTATA				1			1	1
27	AMPELISCA SPA				1			1	1
28	LUMBRINERIS PARVAPEDATA			1				1	1
29	GLYCERA TESSELATA			1				1	1
30	PROCESSA HEMPHILLI	1						1	1
31	PARAONIDES LYRA			1				1	1
	NO. OF SPECIES	4	5	19	10	7	4		
	NO. OF INDIVIDUALS	4	8	25	15	10	4	66	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	III	31	66	4.6057	.9632	1.1290

TABLE 3 CONT.'D

STATION 4 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	121	196	169	260	98	219	1063	6
2	THARYX MARIONI	13	24	34	30	21	14	136	6
3	LUMBRINERIS PARVAPEDATA	9	24	11	28	29	18	119	6
4	AGLAOPHAMUS VERRILLI	13	21	14	15	21	12	96	6
5	ARICIDEA TAYLORI	5	13	12	21	6	29	86	6
6	NETAMELITA BARNARDI	1	8	3	3	25	16	56	6
7	APSEUDES SPA	4	12	3	13	9	8	49	6
8	MEDIOMASTUS CALIFORNIENSIS			12	7	6	5	30	4
9	AMPELISCA VERRILLI	3	4	3	8	6	2	26	6
10	NEMERTINEA	3	1	12	4	3		23	5
11	MINUSPIO CIRRIFERA	1	3	4	3	7	4	22	6
12	ARICIDEA WASSI	4		4	4	2	7	21	5
13	PARAPRIONOSPIO PINNATA	4	3	2	2	4	3	18	6
14	PRIONOSPIO CRISTATA	2		2	4	7	3	18	5
15	APOPRIONOSPIO PYGMAEA		2	2	1	1	10	16	5
16	AMPELISCA AGASSIZI	4	2	2	2	2	3	15	6
17	STHENELAIS BOA			1	4	7	3	15	4
18	PARAONIS GRACILIS	1	3	2	4		4	14	5
19	OGYRIDES LIMICOLA	2	1	2	2	2	3	12	6
20	ARICIDEA JEFFREYSII		1	5	2		2	10	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS TENUIS	1	3	4	2			10	4
22	NATICA PUSILLA						9	9	1
23	TELLINA SP			2		7		9	2
24	TEREBELLIDES STROEMII				1	3	4	8	3
25	ALBUNEA GIBBESII	1	3		1		3	8	4
26	AMPELISCA SPA		1		2	1	3	7	4
27	MALACOCEROS INDICUS						7	7	1
28	CADULUS CAROLINENSIS			2	1		4	7	3
29	AEDICIRA BELGICAE	1			5		1	7	3
30	CHAETOZONE SETOSA		1		3	2		6	3
31	ECHIURIDEA			6				6	1
32	SIPUNCULA			5			1	6	2
33	SYNCHELIDIUM CF AMERICANUM	4			1			5	2
34	LUMBRINERIS JANUARII					1	4	5	2
35	SPIOPHANES BOMBYX	1	1	1	2			5	4
36	OPHIUROIDEA	1		1	1	1	1	5	5
37	GLYCERA CAPITATA			2	1	1	1	5	4
38	DRILONEREIS MAGNA		3	1	1			5	3
39	CALLIANASSA CF ATLANTICA		2	1	1			4	3
40	PRAXILLELLA CF AFFINIS				1		3	4	2
41	LUCINA AMIANTUS				1		3	4	2
42	ISOLDA PULCHELLA				1		3	4	2
43	NEREID(NICON) SPA				1	3		4	2
44	ZUANTHARIA			1	1	1	1	4	4
45	NASSARIUS ACUTUS						4	4	1
46	ERICHTHONIAS BRASILIENSIS				4			4	1
47	GONIADA NORVEGICA				3		1	4	2
48	OSACHILA SP				3			3	1
49	ARMANDIA AGILIS				2		1	3	2
50	PHOTIS MACROMANUS				2		1	3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AUTOMATE EVERMANNI				2		1	3	2
52	TEREBRA PROTEXTA	1					2	3	2
53	ARICIDEA CF LONGOBRANCHIATA					3		3	1
54	SIGAMBRA TENTACULATA		1	1		1		3	3
55	MACOMA PULLEYI			3				3	1
56	SOLEMYA SPA			1	1	1		3	3
57	SAMYTHELLA ELIASONI	1			1		1	3	3
58	PARAMETOPELLA TEXENSIS				2			2	1
59	CHAETOPTERUS VARIOPEDATUS				2			2	1
60	PARAONIDAE		1		1			2	2
61	CANTHARUS CANCELLARIA				1		1	2	2
62	NEPHTYS INCISA		1				1	2	2
63	ONUPHIS EREMITA		1				1	2	2
64	LEPTOCHELA SERRATORBITA		1				1	2	2
65	LUCINA MULTILINEATA						2	2	1
66	AMPELISCA ABDITA			1	1			2	2
67	HAPLOSCOLOPLOS FOLIOSUS			1		1		2	2
68	LISTRIELLA BARNARDI	1				1		2	2
69	SPIOCHAETOPTERUS COSTARUM			1			1	2	2
70	PARASTEROPE SPP					1	1	2	2
71	TELLINA AEQUISTRIATA			1				1	1
72	ARICIDEA SP				1			1	1
73	SPIOPHANES WIGLEYI				1			1	1
74	CERATONEREIS MIRABILIS	1						1	1
75	SARSIELLA SPA					1		1	1
76	SCOLOPLOS RUBRA				1			1	1
77	EUCERAMUS PRAELONGUS	1						1	1
78	PARAONIDES LYRA						1	1	1
79	AMAEANA TRILOBATA					1		1	1
80	NOTOMASTUS CF LATERICEUS			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	APLYSIIDAE						1	1	1
82	EUNOE CF NODULOSA				1			1	1
83	NOTOMASTUS LOBATUS						1	1	1
84	MICROSPIO PIGMENTATA		1					1	1
85	EUPANTHALIS KINBERGI				1			1	1
86	AMPHARETE AMERICANA			1				1	1
87	PINNIXA CF RETINENS						1	1	1
88	LUMBRINERIS SP						1	1	1
89	NOTOMASTUS AMERICANUS					1		1	1
90	ONUPHIS CF MAGNA			1				1	1
91	AMAEANA ACCRAENSIS						1	1	1
92	ASTEROPELLA SPA				1			1	1
93	GRUBEULEPIS CF SULCATISETIS						1	1	1
94	DENTALIUM TEXASIANUM	1						1	1
95	ARICIDEA CF FRAGILIS			1				1	1
96	PISTA CRISTATA						1	1	1
97	GYPTIS VITTATA				1			1	1
98	PHORONIDA						1	1	1
99	CLYTIA LONGICYATHA				1			1	1
100	GLYCINDE SOLITARIA					1		1	1
101	MYSID SPA	1						1	1
102	CYCLASPIS VARIANS	1						1	1
103	ACTINARIA				1			1	1
104	POLYONYX GIBBESI				1			1	1
	NO. OF SPECIES	34	29	42	61	37	57		
	NO. OF INDIVIDUALS	207	338	338	479	288	441	2091	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PTE	EQUITABILITY
4	III	104	2091	3.4986	.7280	.1635

TABLE 3 CONT.'D

STATION 5 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	1	1		1	4		7	4
2	LUMBRINERIS PARVAPEDATA	2	2			2		6	3
3	NEPHTYS INCISA		1	1	1	1		4	4
4	NINOE NIGRIPES			2	1		1	4	3
5	SPEOCARCINUS LOBATUS	1	1			1		3	3
6	ACLIS SPA				3			3	1
7	MAGELONA LONGICORNIS	2			1			3	2
8	CIRROPHORUS LYRIFORMIS		1	1		1		3	3
9	EUDORELLA MONODON	1			2			3	2
10	MAGELONA ROSEA	1		1				2	2
11	NETAMELITA BARNARDI				2			2	1
12	ARMANDIA MACULATA		1		1			2	2
13	PARAPRIONOSPIO PINNATA				1	1		2	2
14	OPHIUROIDEA				1		1	2	2
15	VOLVULELLA TEXASIANA					2		2	1
16	SIGAMBRA TENTACULATA					2		2	1
17	NOTOMASTUS CF LATERICEUS				1			1	1
18	OPHIOGLYCERA SP				1			1	1
19	AMPELISCA VERRILLI				1			1	1
20	MEDIOMASTUS CALIFORNIENSIS		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA PHYLLISAE						1	1	1
22	DIOPATRA CUPREA			1				1	1
23	PINNIXA CF CHAETOPTERANA			1				1	1
24	AGLAOPHAMUS CIRCINATA	1						1	1
25	AEDICIRA BELGICAE				1			1	1
26	ARMANDIA SP						1	1	1
27	ORILONEREIS MAGNA					1		1	1
28	ARICIDEA SUECICA						1	1	1
29	ALPHEUS SP					1		1	1
30	ALPHEUS FLORIDANUS						1	1	1
31	NEPHTYS SP						1	1	1
32	APSEUDES SPA						1	1	1
33	PARADONIS GRACILIS		1					1	1
34	COSSURA DELTA					1		1	1
35	VITRINELLA FLORIDANA				1			1	1
36	SCHISTOMERINGOS RUDOLPHI	1						1	1
	NO. OF SPECIES	8	8	6	15	11	8		
	NO. OF INDIVIDUALS	10	9	7	19	17	8	70	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	III	36	70	4.8668	.9710	1.1667

TABLE 3 CONT.'D

STATION 6 TRANSECT III PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	1	1	3		2	3	10	5
2	ERIOPISA INCISA	6						6	1
3	PHILOMEDES SPA			2	2	2		6	3
4	PARAPRIONOSPIO PINNATA	2		1	1		2	6	4
5	PITAR CORDATUS	2			1			3	2
6	SIGAMBRA TENTACULATA	1		1	1			3	3
7	NUCULANA ACUTA	3						3	1
8	NASSARIUS VIBEX		1	1			1	3	3
9	AGLAOPHAMUS CIRCINATA				2	1		3	2
10	GNATHIA SP			2				2	1
11	NATICA PUSILLA			2				2	1
12	ALTERNOCHELATA SPA					1	1	2	2
13	COSSURA DELTA	1					1	2	2
14	PARAONIS GRACILIS		1			1		2	2
15	MONOCULOIDES SPA	1						1	1
16	NINOE NIGRIPES			1				1	1
17	LUMBRINERIS ALBIDENTATA			1				1	1
18	POLINICES DUPLICATUS			1				1	1
19	NASSARIUS ACUTUS			1				1	1
20	SYLLIS HYALINA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PHYLLODOCIDAE			1				1	1
22	BYBLIS CF GAIMARDI			1				1	1
23	AMPELISCA SPA					1		1	1
24	PROTANKYRA ABYSSICOLA						1	1	1
25	CIRRATULIDAE	1						1	1
26	CHAETODERMA SPA		1					1	1
27	NEREIS SP		1					1	1
28	ILYPHAGUS CF OCTOBRANCHUS	1						1	1
29	ARICIDEA SUECICA						1	1	1
30	HOLOTHUROIDEA		1					1	1
31	APSEUDES SPA		1					1	1
32	ARICIDEA JEFFREYSII					1		1	1
33	MINUSPIO CIRRIFERA				1			1	1
34	PARALACYDONIA PARADOXA					1		1	1
35	TEREBRA PROTEXTA				1			1	1
36	TETRAGONODON SPA					1		1	1
37	PHASCOLION SP				1			1	1
38	ARMANDIA MACULATA				1			1	1
39	LEUCON SP				1			1	1
40	LEPTOCHELIA SP				1			1	1
	NO. OF SPECIES	10	7	14	11	9	7		
	NO. OF INDIVIDUALS	19	7	19	13	11	10	79	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	III	40	79	4.8748	.9643	1.0500

TABLE 3 CONT.'D

STATION 1 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	4	5	15	19	8	18	69	6
2	LUMBRINERIS PARVAPEDATA		6	20	13	1	11	51	5
3	NEREID(NICON) SPA	7	4	10	7	10	8	46	6
4	PRIONOSPIO STEENSTRUPI	1	3	10	13		19	46	5
5	PARAPRIONOSPIO PINNATA	7	4	8	4		12	35	5
6	NEMERTINEA		7	13	8	1	4	33	5
7	MINUSPIO CIRRIFERA	3	8	7	11		4	33	5
8	MAGELONA PHYLLISAE	3	3	9	5	3	4	27	6
9	THARYX MARIONI	6	3	6	6		6	27	5
10	DIOPATRA CUPREA	4	2	4	4	6	4	24	6
11	LUMBRINERIS TENUIS	1	3	3	1	2	6	16	6
12	NOTOMASTUS CF LATERICEUS	3	5	2	4		2	16	5
13	PRIONOSPIO CRISTATA		5	8	2			15	3
14	MEDIOMASTUS CALIFORNIENSIS		1	4	2		6	13	4
15	PALEANOTUS HETEROSETA		8	2				10	2
16	MAGELONA ROSEA	1	2	2	1	1	3	10	6
17	AMPELISCA AGASSIZI		6	1		1	1	9	4
18	MAGELONA PETTIBONEAE		1	2	3		3	9	4
19	SPIOPHANES SP						8	8	1
20	UNCIOLA SERRATA	1	2	1		1	3	8	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEPHTYS PICTA	2	1		2	2		7	4
22	AMPELISCA VERRILLI		1				5	6	2
23	MALDANIDAE	4		2				6	2
24	ARICIDEA JEFFREYSII			3	3			6	2
25	ONUPHIS SPA	2		2	1			5	3
26	MAGELONA LONGICORNIS	1		2	1		1	5	4
27	ISOLDA PULCHELLA	3		1			1	5	3
28	AUTOMATE EVERMANNI			5				5	1
29	SIGAMBRA TENTACULATA	1	1		3			5	3
30	SPEOCARCINUS LOBATUS		3			1		4	2
31	ARICIDEA TAYLORI	1		2	1			4	3
32	CHAETOZONE SETOSA		1	2	1			4	3
33	COSSURA DELTA		1	1	1		1	4	4
34	SCOLOPLOS RUBRA			3	1			4	2
35	CIRROPHORUS LYRIFORMIS			2	1		1	4	3
36	NOTOMASTUS HEMIPODUS				1		2	3	2
37	AMPHARETE ACUTIFRONS	1		1			1	3	3
38	CERATONEREIS IRRITABILIS		2	1				3	2
39	GLYCERA AMERICANA	1	1				1	3	3
40	OPHIUROIDEA	1			1		1	3	3
41	NOTOMASTUS LATERICEUS	1					2	3	2
42	MALACOCEROS INDICUS			1	1			2	2
43	MALACOCEROS VANDERHORSTI				1	1		2	2
44	POLYNOIDAE					1	1	2	2
45	NATICA PUSILLA						2	2	1
46	ARABELLID SPA						2	2	1
47	DRILONEREIS MAGNA			1		1		2	2
48	PARAONIDAE	1			1			2	2
49	GLYCERA CAPITATA	1		1				2	2
50	METAMYSIDOPSIS CF SWIFTI			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CABIRA INCERTA				1			1	1
52	POLYODONTES LUPINA						1	1	1
53	ARICIDEA WASSI				1			1	1
54	NUCULA PROXIMA						1	1	1
55	LUMBRINERIS ALBIDENTATA						1	1	1
56	NUCULANA ACUTA						1	1	1
57	AMPHARETIDAE						1	1	1
58	CLYMENELLA TORQUATA	1						1	1
59	TEREBELLIDES STROEMII		1					1	1
60	TEREBRA PROTEXTA	1						1	1
61	LUCINA AMIANTUS			1				1	1
62	EUCERAMUS PRAELONGUS	1						1	1
63	STHENELAIS BOA					1		1	1
64	XANTHIDAE		1					1	1
65	GYPTIS VITTATA			1				1	1
66	EXOGONE CF GEMMIFERA			1				1	1
67	TURBONILLA PORTORICANA	1						1	1
68	AEDICIRA ALBATROSSAE					1		1	1
69	AEDICIRA BELGICAE			1				1	1
70	PSEUDEURYTHOE AMBIGUA		1					1	1
71	ASYCHIS ELONGATA	1						1	1
72	AMPELISCA SPA						1	1	1
73	PARAONIDES LYRA			1				1	1
74	ONUPHIS EREMITA						1	1	1
75	PRIONOSPIO SP	1						1	1
76	AMPELISCA ABDITA			1				1	1
77	SCHISTOMERINGOS RUDOLPHI			1				1	1
78	TEREBELLIDAE			1				1	1
79	LUMBRINERIS LATREILLI			1				1	1
80	GLYCERA SPB		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	ACTINARIA		1					1	1
82	TELLINA VERSICOLOR		1					1	1
83	HETEROMYSIS SP			1				1	1
84	DORVILLEA CAECA		1					1	1
85	ANCISTROSYLLIS JONESI				1			1	1
86	ERICHTHONIAS BRASILIENSIS			1				1	1
87	OLIGOCHAETA		1					1	1
	NO. OF SPECIES	31	35	47	34	17	38		
	NO. OF INDIVIDUALS	67	97	169	126	42	150	651	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	IV	87	651	5.1751	.9568	.6322

TABLE 3 CONT.'D

STATION 2 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	OPHIUROIDEA	1		1	1	3	1	7	5
2	MAGELONA LONGICORNIS			1	1	2	1	5	4
3	NEMERTINEA	1	1			3		5	3
4	MINUSPIO CIRRIFERA				2	1	1	4	3
5	THARYX MARIONI	1	2					3	2
6	LUMBRINERIS TENUIS	2		1				3	2
7	COSSURA DELTA	1	1		1			3	3
8	AMPELISCA AGASSIZI	1				1		2	2
9	MEDIOMASTUS CALIFORNIENSIS				2			2	1
10	NEPHTYS INCISA				2			2	1
11	GONIADA TERES	1	1					2	2
12	AUTOMATE EVERMANNI				1	1		2	2
13	SIGAMBRA TENTACULATA				1	1		2	2
14	AEDICIRA BELGICAE			1		1		2	2
15	LUMBRINERIS PARVAPEDATA		1					1	1
16	SPIONIDAE		1					1	1
17	MACOMA PULLEYI			1				1	1
18	CHAETOZONE SETOSA						1	1	1
19	PITAR CORDATUS			1				1	1
20	CUMACEAN			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NOTOMASTUS CF LATERICEUS						1	1	1
22	MALACOCEROS SP		1					1	1
23	KALLIAPSEUDES SPA				1			1	1
24	NINOE NIGRIPES					1		1	1
25	ARICIDEA JEFFREYSII					1		1	1
26	HETEROPHOXUS CF OCULATUS					1		1	1
27	DIOPATRA CUPREA					1		1	1
28	PARAPRIONOSPIO PINNATA		1					1	1
29	PINNIXA CF CHAETOPTERANA				1			1	1
30	PHYLLODOCIDAE					1		1	1
31	ARICIDEA WASSI				1			1	1
	NO. OF SPECIES	7	8	7	11	13	5		
	NO. OF INDIVIDUALS	8	9	7	14	18	5	61	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	IV	31	61	4.6411	.9656	1.1613

TABLE 3 CONT.'D

STATION 3 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	7	14	11	6	10	10	58	6
2	PARAPRIONOSPIO PINNATA			3	1	9	5	18	4
3	SPIOCHAETOPTERUS COSTARUM	8			4	2		14	3
4	PITAR CORDATUS	1	1			8	2	12	4
5	SIGAMBRA TENTACULATA	3	3		1	3	2	12	5
6	ONUPHIS SPB	3		4		2		9	3
7	MALDANIDAE		2		2	2	3	9	4
8	MAGELONA LONGICORNIS	3			1	2	2	8	4
9	CRASSINELLA MARTINICENSIS		2			4	2	8	3
10	THARYX MARIONI	2		1	2	2		7	4
11	NEMERTINEA	1		1	3	1		6	4
12	ONUPHIS SPA					3	3	6	2
13	UNCIOLA SERRATA	1				4		5	2
14	TEREBELLIDES STROEMII	1				2	2	5	3
15	MARPHYSA SANGUINEA			1		2	2	5	3
16	PARAMPHINOME PULCHELLA			1	1	3		5	3
17	NEPHTYS INCISA		2	2			1	5	3
18	RUTIDERMA SPA	1	2			1		4	3
19	STHENELAIS BOA	1		3				4	2
20	ONUPHIS EREMITA				4			4	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ONUPHIDAE				3	1		4	2
22	GLYCERA TESSELATA	1	1		2			4	3
23	PSEUDEURYTHOE AMBIGUA		4					4	1
24	PAGURUS BULLISI			3				3	1
25	ONUPHIS CF GEOFILIFORMIS			2		1		3	2
26	COSSURA DELTA	2					1	3	2
27	PARALACYDONIA PARADOXA				1	2		3	2
28	AMPELISCA SPA				1		2	3	2
29	ALTERNOCHELATA SPA	1				1	1	3	3
30	STERNASPIS SCUTATA		1	1				2	2
31	AMAEANA TRILOBATA			2				2	1
32	POECILOCHAETUS JOHNSONI	1			1			2	2
33	LEIOCHRUS SPA			2				2	1
34	OPHIUROIDEA			1	1			2	2
35	CHAETODERMA SPA				2			2	1
36	SPIONIDAE				2			2	1
37	AMPELISCA VERRILLI				1	1		2	2
38	NEREID(NICON) SPA				1	1		2	2
39	LEPTOCUMA SP					2		2	1
40	AMYGDALUM PAPYRIUM		1		1			2	2
41	HETEROPHOXUS CF OCULATUS					1	1	2	2
42	XANTHIDAE						1	1	1
43	POLYNOIDAE		1					1	1
44	NUCULA PROXIMA						1	1	1
45	HYDROIDES UNCINATA	1						1	1
46	AMPELISCA ABDITA					1		1	1
47	DENTALIUM SOWERBYI						1	1	1
48	SARSIELLA SPC						1	1	1
49	NEREIS FALSA				1			1	1
50	PODOCEROPSIS SP				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NASSARIUS VIBEX		1					1	1
52	AEDICIRA BELGICAE				1			1	1
53	DRILONEREIS MAGNA	1						1	1
54	DIOPATRA CUPREA					1		1	1
55	RUTIDERMA SPB					1		1	1
56	MARPHYSA SPA	1						1	1
57	ONUPHIS MAGNA				1			1	1
58	LUMBRINERIS TENUIS					1		1	1
59	APOPRIONOSPIO PYGMAEA	1						1	1
60	ONUPHIS SPD						1	1	1
61	AMPELISCA AGASSIZI						1	1	1
62	SPIOPHANES LONGICIRRUS			1				1	1
63	ASYCHIS SP	1						1	1
64	THYASIRA SP		1					1	1
65	CALLIANASSA SP	1						1	1
66	AGLAOPHAMUS CIRCINATA			1				1	1
67	PARAONIS GRACILIS				1			1	1
68	SCOLELEPIS TEXANA	1						1	1
69	PHILOMEDES SPB						1	1	1
70	SYLLIS SPC	1						1	1
71	LEPTOCHELA SERRATORBITA						1	1	1
72	NOTOMASTUS CF LATERICEUS						1	1	1
73	SABELLIDAE			1				1	1
	NO. OF SPECIES	24	14	18	26	29	24		
	NO. OF INDIVIDUALS	45	36	41	46	74	48	290	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	IV	73	290	5.1938	.9445	.7671

TABLE 3 CONT.'D

STATION 4 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	26	60	69	60	37	48	300	6
2	PARAONIDES LYRA	6	35	11	25	27	40	144	6
3	MAGELONA PETTIBONEAE	2	22	8	7	23	25	87	6
4	NEMERTINEA	3	10	16	17	13	23	82	6
5	MEDIOMASTUS CALIFORNIENSIS	3	14	15	17	16	15	80	6
6	LUMBRINERIS PARVAPEDATA	14	9	7	11	15	7	63	6
7	PALEANOTUS HETEROSETA	6	12	7	3	17	10	55	6
8	SIPUNCULA	4	7	2	9	9	8	39	6
9	NEREID(NICON) SPA	5	7	4	8	4	8	36	6
10	AGLAOPHAMUS VERRILLI	1	3	6	12	6	4	32	6
11	THARYX MARIONI		10	3	7	3	4	27	5
12	AMAEANA ACCRAENSIS		5	5	6		8	24	4
13	ARMANDIA AGILIS	1	4	4	2	7	5	23	6
14	ZOANTHARIA	8	9		1	3		21	4
15	DIOPATRA CUPREA	8	5	1	3	2		19	5
16	ACTINARIA		18			1		19	2
17	OPHIUROIDEA	1	1	1		10	4	17	5
18	CLYMENELLA TORQUATA	4	1	3	2	3	3	16	6
19	LUMBRINERIS TENUIS	1	4	1	4	3	2	15	6
20	SPIOPHANES BOMBYX	2	3	1	3	4	2	15	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO CIRRIFERA		10			2	3	15	3
22	ISOLDA PULCHELLA	5	5	2	3			15	4
23	ARICIDEA TAYLORI		3		3	6	1	13	4
24	MAGELONA ROSEA	2	3		5	1		11	4
25	POLYCHAETE SPA		3		3		5	11	3
26	GYPTIS VITTATA		3		2	4	2	11	4
27	ARICIDEA JEFFREYSII			6	1		3	10	3
28	TEREBELLIDES STROEMII	2	1	1	1	5		10	5
29	RUTIDERMA SPB	1		1	1	1	5	9	5
30	OWENIA FUSIFORMIS	1	3		1	2	1	8	5
31	NEREIS SUCCINEA	3		1	4			8	3
32	PARAONIS GRACILIS	2	1	1	3			7	4
33	PRIONOSPIO CRISTATA	2	1		1		3	7	4
34	AMAEANA TRILOBATA	1	1	1	3		1	7	5
35	NOTOMASTUS HEMIPODUS	1			2	3		6	3
36	LUMBRINERIS LATREILLI			2	1		3	6	3
37	SCHISTOMERINGOS RUDOLPHI	2			2		2	6	3
38	MALDANIDAE	1		1	1	2	1	6	5
39	PARAPRIONOSPIO PINNATA	2			1		2	5	3
40	OSTRACOD SPII		5					5	1
41	SIGAMBRA TENTACULATA		3			1	1	5	3
42	POLYNOIDAE	1	2	1			1	5	4
43	PLATYISCHNOPUS SP		1	2			2	5	3
44	GLYCERA CAPITATA		1	2			1	4	3
45	LAONICE CIRRATA	1	1			2		4	3
46	AEDICIRA BELGICAE	2		1			1	4	3
47	PHORONIDA				2		2	4	2
48	ARICIDEA WASSI				2	1	1	4	3
49	LUMBRINERIS ALBIDENTATA		4					4	1
50	ERICHTHONIAS BRASILIENSIS		3	1				4	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CERATONEREIS MIRABILIS	1			2		1	4	3
52	PISTA BREVIBRANCHIA		1		1	2		4	3
53	NEPHTYS PICTA			3				3	1
54	CABIRA INCERTA			2	1			3	2
55	XENANTHURA BREVITELSON				1	2		3	2
56	EUCERAMUS PRAELONGUS	1	1				1	3	3
57	ANTHURID SPA	1			2			3	2
58	NEREIS SP		3					3	1
59	ONUPHIS EREMITA		2			1		3	2
60	AMPELISCA AGASSIZI		1	1		1		3	3
61	DRILONEREIS MAGNA			1	1			2	2
62	EUPANTHALIS KINBERGI				1		1	2	2
63	PARAPHOXUS CF EPISTOMUS		1				1	2	2
64	OGYRIDES LIMICOLA		1		1			2	2
65	AMPHARETE ACUTIFRONS		1				1	2	2
66	SCOLOPLOS RUBRA			2				2	1
67	HAPLOSCOLOPLOS FOLIOSUS			1		1		2	2
68	SPEOCARCINUS LOBATUS			1	1			2	2
69	CYCLASPIS VARIANS			1		1		2	2
70	GONIADA NORVEGICA			1			1	2	2
71	PODOCEROPSIS SP				2			2	1
72	RUTIDERMA SPC				2			2	1
73	TELLINA VERSICOLOR				2			2	1
74	UNCIOLA SERRATA				1	1		2	2
75	ONUPHIS SPA				1		1	2	2
76	PHYLLODOCE MUCOSA					1	1	2	2
77	STHENELAIS BOA		1	1				2	2
78	SPIO PETTIBONEAE		1		1			2	2
79	BATEA SP		1	1				2	2
80	PECTINARIA GOULDII			1				1	

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	SARSIELLID NSPA					1		1	1
82	LUCINA MULTILINEATA					1		1	1
83	GONIADA LITTOREA					1		1	1
84	APOPRIONOSPIO PYGMAEA		1					1	1
85	SPIONIDAE	1						1	1
86	SERPULA VERMICULARIS		1					1	1
87	CHAETOZONE SETOSA					1		1	1
88	TURBONILLA PORTORICANA			1				1	1
89	SINUM MACULATUM					1		1	1
90	POLYODONTES LUPINA					1		1	1
91	ONUPHIDAE	1						1	1
92	PROCESSA HEMPHILLI			1				1	1
93	VITRINELLA FLORIDANA						1	1	1
94	BRANCHIOSTOMA CARIBAEUM						1	1	1
95	TEREBELLIDAE	1						1	1
96	GLYCERA TESSELATA					1		1	1
97	HARMOTHOE TRIMACULATA						1	1	1
98	NUDIBRANCH SPA	1						1	1
99	OLIVA SAYANA		1					1	1
100	CALLIANASSA ATLANTICA				1			1	1
101	MODIOLUS AMERICANUS				1			1	1
102	SPIOPHANES LONGICIRRUS					1		1	1
103	PITAR CORDATUS		1					1	1
104	LEPIDASTHENIA MACULATA		1					1	1
105	LISTRIELLA BARNARDI						1	1	1
106	HARMOTHOE IMBRICATA						1	1	1
107	GLYCERIDAE						1	1	1
108	HAPLOSCOLOPLOS RUBRA				1			1	1
109	CADULUS CAROLINENSIS					1		1	1
110	ANADARA TRANSVERSA					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	MALACOCEROS INDICUS			1				1	1
112	PINNIXA CF CHAETOPTERANA					1		1	1
113	HOLOTHUROIDEA				1			1	1
114	SCLEROCONCHA SPA						1	1	1
	NO. OF SPECIES	40	55	47	57	50	52		
	NO. OF INDIVIDUALS	131	312	206	263	254	272	1438	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	IV	114	1438	4.9822	.9289	.4211

TABLE 3 CONT.'D

STATION 5 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	3	4	2	2	4		15	5
2	MAGELONA LONGICORNIS	3	1	1		1	3	9	5
3	NINOE NIGRIPES	2	1	1	1		1	6	5
4	AMPELISCA AGASSIZI	2	1		1	1	1	6	5
5	LUMBRINERIS PARVAPEDATA	2	1			1	1	5	4
6	PINNIXA CF CHAETOPTERANA		1	3				4	2
7	NEPHTYS INCISA	1	1		1		1	4	4
8	NEREID(NICON) SPA	1				2		3	2
9	SIPUNCULA	1				1	1	3	3
10	PARAONIS GRACILIS		2		1			3	2
11	PARAPRIONOSPIO PINNATA					1	2	3	2
12	EUDORELLA MONODON		1			1		2	2
13	COSSURA DELTA		1	1				2	2
14	AMPELISCA VERRILLI			1		1		2	2
15	AMPELISCA ABDITA	2						2	1
16	PARAONIDES LYRA	1	1					2	2
17	MAGELONA PETTIBONEAE	1						1	1
18	ARICIDEA JEFFREYSII						1	1	1
19	THARYX MARIONI		1					1	1
20	AMPHICTEIS GUNNERI		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS ALBIDENTATA	1						1	1
22	KALLIAPSEUDES SPA		1					1	1
23	ANACHIS CALLIGLYPTA					1		1	1
24	AEDICIRA BELGICAE					1		1	1
25	MEDIOMASTUS CALIFORNIENSIS					1		1	1
26	MAGELONA PHYLLISAE	1						1	1
27	VOLVULELLA TEXASIANA				1			1	1
28	NOTOMASTUS HEMIPODUS						1	1	1
29	NOTOMASTUS LATERICEUS	1						1	1
30	NOTOMASTUS AMERICANUS						1	1	1
31	OPHIUROIDEA						1	1	1
32	VITRINELLA FLORIDANA					1		1	1
33	MAGELONA ROSEA				1			1	1
34	AMAEANA TRILOBATA						1	1	1
35	ARMANDIA MACULATA			1				1	1
36	MINUSPIO CIRRIFERA				1			1	1
	NO. OF SPECIES	14	14	7	8	13	12		
	NO. OF INDIVIDUALS	22	18	10	9	17	15	91	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	IV	36	91	4.5947	.9487	1.0000

TABLE 3 CONT.'D

STATION 6 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	2	5	6	1		5	19	5
2	SIGAMBRA TENTACULATA	2	2	3	2			9	4
3	MALDANIDAE		1	6			2	9	3
4	PITAR CORDATUS	1		5			3	9	3
5	SIPUNCULA		3	3		2		8	3
6	MAGELONA ROSEA	3		1	1	2		7	4
7	MAGELONA LONGICORNIS			3	1		3	7	3
8	COSSURA DELTA		1	2	2		2	7	4
9	PARAMPHINOME PULCHELLA	2					3	5	2
10	MAGELONA PHYLLISAE	1				4		5	2
11	NINOE NIGRIPES	1	1		1	1		4	4
12	NEPHTYS INCISA		1	2		1		4	3
13	PSEUDEURYTHOE AMBIGUA		3	1				4	2
14	SPHAEROSYLLIS CF SUBLAEVIS		1	2				3	2
15	GNATHIA SP			3				3	1
16	MINUSPIO CIRRIFERA	1	2					3	2
17	THARYX MARIONI		1		1		1	3	3
18	ACTINARIA			3				3	1
19	OPHIUROIDEA			1			2	3	2
20	NUCULANA ACUTA			2				2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIOCHAETOPTERUS COSTARUM			2				2	1
22	CRASSINELLA MARTINICENSIS			2				2	1
23	ANTHURID SPA	1	1					2	2
24	ASYCHIS ELONGATA			2				2	1
25	PARADNIS GRACILIS		1	1				2	2
26	OXYUROSTYLIS SP			1			1	2	2
27	ALPHEUS CF AMBLYONYX				1		1	2	2
28	NEREID(NICON) SPA						2	2	1
29	CERIANTHARIA SPA			1				1	1
30	AMPHARETE ACUTIFRONS			1				1	1
31	NATICA PUSILLA			1				1	1
32	PILARGIS BERKELYAE			1				1	1
33	LEPTOCHELA SERRATORBITA		1					1	1
34	SARSIELLA SPB			1				1	1
35	CHLOEIA VIRIDIS				1			1	1
36	SERPULA VERMICULARIS		1					1	1
37	AMPELISCA SPA					1		1	1
38	PHYLLODOCE CASTANEA					1		1	1
39	PALEANOTUS HETEROSETA						1	1	1
40	MEGALOMMA CF BIOCULATUM		1					1	1
41	MEDIOMASTUS CALIFORNIENSIS		1					1	1
42	GLYCERA CAPITATA						1	1	1
43	ARICIDEA JEFFREYSTI		1					1	1
44	STHENELAIS BOA	1						1	1
45	CLYMENELLA TORQUATA					1		1	1
46	CERATONEREIS IRRITABILIS						1	1	1
47	ARICIDEA TAYLORI	1						1	1
48	ONUPHIS EREMITA		1					1	1
49	PARANDALIA OCULARIS	1						1	1
50	NOTOMASTUS AMERICANUS		1					1	1

TABLE 3 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	GONIADA NORVEGICA	1						1	1
52	PHILOMEDES SPC						1	1	1
53	CAPRELLID			1				1	1
54	LYSIANASSIDAE		1					1	1
55	UNCIOLA SPA					1		1	1
56	HETEROPHOXUS CF OCULATUS						1	1	1
57	ERIOPISA SPB						1	1	1
58	NOTOMASTUS HEMIPODUS						1	1	1
59	XENANTHURA BREVITELSON			1				1	1
60	BRACHIOPOD SPA						1	1	1
61	LEPTOCHELIA SP		1					1	1
62	SQUILLA CHYDAEA						1	1	1
63	KALLIAPSEUDES SPA			1				1	1
64	NEREIS SPA		1					1	1
65	APOPRIONOSPIO PYGMAEA			1				1	1
66	ORBINIA AMERICANA		1					1	1
67	MARPHYSA SPA				1			1	1
68	AMYGDALUM PAPYRIUM			1				1	1
69	HOLOTHUROIDEA			1				1	1
70	MARPHYSA SANGUINEA			1				1	1
	NO. OF SPECIES	13	24	32	10	9	20		
	NO. OF INDIVIDUALS	18	34	63	12	14	34	175	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	IV	70	175	5.5003	.9714	.9857

TABLE 3 CONT.'D

STATION 7 TRANSECT IV PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEPHTYS INCISA		1	2	1		4	8	4
2	THARYX MARIONI		1	4		1	1	7	4
3	NEMERTINEA	1			3			4	2
4	MINUSPIO CIRRIFERA		1				2	3	2
5	COSSURA DELTA	1	1				1	3	3
6	DRILONEREIS MAGNA	2						2	1
7	PARAONIS GRACILIS				1	1		2	2
8	LUMBRINERIS TENUIS		1		1			2	2
9	LUCINA SP						1	1	1
10	MAGELONA PHYLLISAE				1			1	1
11	NINOE NIGRIPES			1				1	1
12	POLYNOIDAE				1			1	1
13	BRUZELIA SP		1					1	1
14	POECILOCHAETUS JOHNSONI		1					1	1
	NO. OF SPECIES	3	7	3	6	2	5		
	NO. OF INDIVIDUALS	4	7	7	8	2	9	37	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
7	IV	14	37	3.3999	.9039	1.0000

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	71	25	20	55	80	107	358	6
2	AMPELISCA AGASSIZI	38	27	11	8	4	7	95	6
3	MAGELONA PHYLLISAE	9	4	7	14	4	20	58	6
4	MEDIOMASTUS CALIFORNIENSIS	2	3	8	5	14	9	41	6
5	COSSURA DELTA	6	2	5	4	9	4	30	6
6	NEREID(NICON) SPA	5	3	2	6	7	4	27	6
7	NEMERTINEA	4	4	6	3	6	3	26	6
8	ARICIDEA JEFFREYSII			2	5		8	15	3
9	SIGAMBRA TENTACULATA	2		4		1	3	10	4
10	AMPELISCA ABDITA	3	1	2		1	1	8	5
11	NEPHTYS INCISA	2	1		3	1		7	4
12	AMPELISCA VERRILLI	4	2		1			7	3
13	MAGELONA ROSEA	1	1		2	2	1	7	5
14	MINUSPIO CIRRIFERA	1	1	1	1	1	1	6	6
15	NINOE NIGRIPES		1	2				3	2
16	LUMBRINERIS PARVAPEDATA	1		1	1			3	3
17	ARMANDIA MACULATA		1	1				2	2
18	ARICIDEA TAYLORI	2						2	1
19	APOPRIONOSPIO PYGMAEA				2			2	1
20	MALACOCEROS INDICUS		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
22	SPIOCHAETOPTERUS COSTARUM					1		1	1
23	ANCISTROSYLLIS JONESI	1						1	1
24	MAGELONA LONGICORNIS	1						1	1
25	EUDORELLA MONODON	1						1	1
26	PRIONOSPIO CRISTATA			1				1	1
27	LISTRIELLA BARNARDI		1					1	1
28	PHORONIDA						1	1	1
	NO. OF SPECIES	18	16	15	14	13	14		
	NO. OF INDIVIDUALS	154	78	73	110	131	170	716	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	28	716	2.7504	.7179	.3571

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MINUSPIO CIRRIFERA	4	51			3	18	76	4
2	ARICIDEA JEFFREYSII	14	28					42	2
3	THARYX MARIONI	9	18	1		1	4	33	5
4	NEMERTINEA	2	9	5		10	1	27	5
5	PARAONIS GRACILIS	3	10				5	18	3
6	PARAPRIONOSPIO PINNATA	7	7			1		15	3
7	LUMBRINERIS PARVAPEDATA	6	4		1		3	14	4
8	MEDIOMASTUS CALIFORNIENSIS	12	1					13	2
9	COSSURA DELTA	4	3	1	2	2	1	13	6
10	TEINOSTOMA BISCAYNENSE						11	11	1
11	MAGELONA LONGICORNIS		6	1		1	2	10	4
12	NEPHTYS INCISA	2	1	1	5			9	4
13	MACOMA PULLEYI	1	1		1	2	1	6	5
14	PARAONIS SPA		3			1	2	6	3
15	AEDICIRA BELGICAE	1	1				3	5	3
16	PITAR CORDATUS	1				1	3	5	3
17	PARAONIDAE		5					5	1
18	PHOTID SPA					5		5	1
19	ONUPHIS SPA		2		3			5	2
20	PINNIXA CF CHAETOPTERANA			1		3		4	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEPHTYIDAE		4					4	1
22	CIRROPHORUS BRANCHIATUS		4					4	1
23	CIRROPHORUS LYRIFORMIS						4	4	1
24	ANACHIS CALLIGLYPTA	1		2			1	4	3
25	MAGELONA PETTIBONEAE	3						3	1
26	SIGAMBRA TENTACULATA	2					1	3	2
27	OPHIUROIDEA		1			2		3	2
28	MOIRA ATROPOS		1	1	1			3	3
29	EUDORELLA MONODON			1		1	1	3	3
30	AMPHARETIDAE		2				1	3	2
31	NEREID(NICON) SPA				2			2	1
32	AMPELISCA VERRILLI				1		1	2	2
33	GLYCERA CAPITATA		1		1			2	2
34	HETEROSPIO LONGISSIMA		1				1	2	2
35	MAGELONA ROSEA		1			1		2	2
36	PHYLLODOCE MUCOSA		1				1	2	2
37	AUTOMATE EVERMANNI		1				1	2	2
38	FINELLA DUBIA			2				2	1
39	SIPUNCULA	2						2	1
40	DENTALIUM SOWERBYI						2	2	1
41	MALACOCEROS INDICUS		2					2	1
42	DIOPATRA CUPREA		1			1		2	2
43	SPIONIDAE	1						1	1
44	ALTEUTHA CF DEPRESSA						1	1	1
45	CHLOEIA VIRIDIS						1	1	1
46	ARICIDEA WASSI			1				1	1
47	PISTA CRISTATA	1						1	1
48	STHENELAIS SP		1					1	1
49	NATICA PUSILLA		1					1	1
50	MICROCARDIUM TINCTUM			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	OPHIODROMUS OBSCURUS		1					1	1
52	RINGICULA SEMISTRIATA						1	1	1
53	ACTINARIA				1			1	1
54	AMPELISCA ABDITA		1					1	1
55	DRILONEREIS MAGNA		1					1	1
56	SYLLIDAE	1						1	1
57	CANTHARUS CANCELLARIA						1	1	1
58	NINOE NIGRIPES				1			1	1
59	ONUPHIDAE	1						1	1
60	AMPELISCA SPA		1					1	1
61	CORDPHIUM ASCHERUSICUM	1						1	1
	NO. OF SPECIES	22	34	12	11	15	26		
	NO. OF INDIVIDUALS	79	176	18	19	35	72	399	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	61	399	4.7364	.9324	.6721

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	2			2		1	5	3
2	POECILOCHAETUS JOHNSONI	1	2		1		1	5	4
3	SIGAMBRA TENTACULATA	1				2	2	5	3
4	PARAPRIONOSPIO PINNATA	1	1				2	4	3
5	ARICIDEA JEFFREYSII				2	1		3	2
6	PHILOMEDES SPA			1	1	1		3	3
7	PARAONIS GRACILIS		1				1	2	2
8	CALLIANASSA CF ATLANTICA			2				2	1
9	NINOE NIGRIPES	1			1			2	2
10	AGLAOPHAMUS SP						1	1	1
11	XANTHIDAE			1				1	1
12	EPITONIUM NOVANGLIAE			1				1	1
13	NEMERTINEA	1						1	1
14	CHASMOCARCINUS MISSISSIPPIENSIS	1						1	1
15	XENANTHURA BREVITELSON		1					1	1
16	ALTERNOCHELATA SPA		1					1	1
17	COSSURA DELTA		1					1	1
18	CERIANTHARIA SPA						1	1	1
19	RINGICULA SEMISTRIATA						1	1	1
20	PARALACYDONIA PARADOXA				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PROCESSA HEMPHILLI					1		1	1
22	PITAR CORDATUS	1						1	1
23	OPHIUROIDEA					1		1	1
24	PARAONIS SPA				1			1	1
25	ONUPHIS SPB				1			1	1
	NO. OF SPECIES	8	6	4	8	5	8		
	NO. OF INDIVIDUALS	9	7	5	10	6	10	47	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	25	47	4.3205	.9584	1.1200

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	16	10	4	8	37	27	102	6
2	NEMERTINEA	3	9	3	1	11	2	29	6
3	AMPELISCA AGASSIZI	2			1	5	14	22	4
4	NEPHTYS INCISA	8	1	2	4	4	2	21	6
5	AMPELISCA VERRILLI	6	5	2		5	2	20	5
6	LUMBRINERIS PARVAPEDATA	1		1	1	7	5	15	5
7	EUDORELLA MONODON	1	1	3	1	6	2	14	6
8	COSSURA DELTA	2		4	2	4	2	14	5
9	AMPELISCA ABDITA	3	2			5	1	11	4
10	MAGELONA ROSEA	2		1	3	2		8	4
11	MEDIOMASTUS CALIFORNIENSIS	2	1	1	2	1	1	8	6
12	SIGAMBRA TENTACULATA	1		2		4	1	8	4
13	NOTOMASTUS CF LATERICEUS	1		1	1	3		6	4
14	MAGELONA LONGICORNIS			2	1	2	1	6	4
15	NINOE NIGRIPES	1					2	3	2
16	PARAONIS GRACILIS		2		1			3	2
17	ACLIS SPA		2			1		3	2
18	CIRROPHORUS LYRIFORMIS		1		1			2	2
19	ACTINARIA		1	1				2	2
20	PARAONIDAE		1	1				2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PINNIXA CF CHAETOPTERANA			2				2	1
22	DRILONEREIS MAGNA	1					1	2	2
23	ARMANDIA AGILIS					1		1	1
24	SPIOPHANES LONGICIRRUS					1		1	1
25	STHENELAIS BOA						1	1	1
26	THARYX MARIONI				1			1	1
27	ERIOPISA SPB	1						1	1
28	LISTRIELLA BARNARDI					1		1	1
29	PHOTID SPA					1		1	1
30	LUMBRINERIS TENUIS			1				1	1
31	MALACOCEROS INDICUS			1				1	1
32	VOLVULELLA TEXASIANA		1					1	1
33	OPHIUROIDEA		1					1	1
34	CORBULA CF CONTRACTA		1					1	1
35	ARICIDEA CF FRAGILIS						1	1	1
36	MINUSPIO CIRRIFERA				1			1	1
	NO. OF SPECIES	16	15	17	15	19	16		
	NO. OF INDIVIDUALS	51	39	32	29	101	65	317	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	11	36	317	3.8074	.8671	.5833

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	OPHIUROIDEA			1		15		16	2
2	NEMERTINEA			3	1	1		5	3
3	COSSURA DELTA	2		2		1		5	3
4	MAGELONA LONGICORNIS	2		1	1	1		5	4
5	LUCINA CF MULTILINEATA						5	5	1
6	THARYX MARIONI	2	1	1				4	3
7	PARALACYDONIA PARADOXA	2			1			3	2
8	SIGAMBRA TENTACULATA	2			1			3	2
9	EUDORELLA MONODON		1		1			2	2
10	PARAONIS GRACILIS	2						2	1
11	NINOE NIGRIPES	1		1				2	2
12	ERIOPISA INCISA					2		2	1
13	MINUSPIO CIRRIFERA			2				2	1
14	PARAONIS SPA			2				2	1
15	AEDICIRA BELGICAE	1		1				2	2
16	LUMBRINERIS TENUIS					2		2	1
17	DRILONEREIS MAGNA	2						2	1
18	AMPELISCA AGASSIZI	1			1			2	2
19	MEDIOMASTUS CALIFORNIENSIS			1		1		2	2
20	ARICIDEA JEFFREYSII			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GYPTIS VITTATA			1				1	1
22	ACTINARIA			1				1	1
23	EXOGONE CF GEMMIFERA			1				1	1
24	DIOPATRA CUPREA	1						1	1
25	PORTUNIDAE					1		1	1
26	AUTOMATE EVERMANNI			1				1	1
27	PARAPRIONOSPIO PINNATA				1			1	1
28	APSEUDES SPA					1		1	1
29	LUCINA SP		1					1	1
30	SABELLIDAE	1						1	1
31	AMPELISCA SPA					1		1	1
32	AMPELISCA VERRILLI	1						1	1
33	TEREBELLIDES STROEMII			1				1	1
34	POECILOCHAETUS JOHNSONI	1						1	1
35	CALLIANASSA SP					1		1	1
36	CHAETODERMA SPA			1				1	1
37	PHYLLODOCE MUCOSA				1			1	1
38	ALPHEUS SP					1		1	1
39	PITAR CORDATUS			1				1	1
40	SIGAMBRA BASSI			1				1	1
41	SIGAMBRA SP			1				1	1
42	ASTEROIDEA				1			1	1
43	MALDANIDAE			1				1	1
44	DIASTYLIS SP		1					1	1

NO. OF SPECIES		14	4	21	9	12	1
NO. OF INDIVIDUALS		21	4	26	9	28	5

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	44	93	4.9350	.9572	1.0000

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	GNATHIA SP			1	14		16	31	3
2	HETEROPHOXUS CF OCULATUS				7		3	10	2
3	NEMERTINEA	2		4			2	8	3
4	COSSURA DELTA	3	1		1		1	6	4
5	SIGAMBRA TENTACULATA	2	2	1	1			6	4
6	OPHIUROIDEA			3		1	2	6	3
7	STERNASPIS SCUTATA	1	1	1			1	4	4
8	PITAR CORDATUS	1	3					4	2
9	PARAPRIONOSPIO PINNATA	1		2				3	2
10	SPIOCHAETOPTERUS COSTARUM			3				3	1
11	PHILOMEDES SPD			2			1	3	2
12	NEREID(NICON) SPA	1			1		1	3	3
13	GLYCERA TESSELATA	2			1			3	2
14	PARALACYDONIA PARADOXA	1		1			1	3	3
15	NEPHTYS INCISA		1				1	2	2
16	SPIOPHANES LONGICIRRUS	1		1				2	2
17	ACTINARIA			1	1			2	2
18	ONUPHIS SP			1		1		2	2
19	THARYX MARIONI		1	1				2	2
20	PARAMPHINOME PULCHELLA				2			2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	METAPHOXUS CF FREQUENS				1			1	1
22	PARDALISCID SPA			1				1	1
23	NINOE NIGRIPES					1		1	1
24	PARAONIS GRACILIS					1		1	1
25	ARMANDIA MACULATA					1		1	1
26	PRIONOSPIO STEENSTRUPI	1						1	1
27	DENTALIUM SOWERBYI					1		1	1
28	SIPUNCULA			1				1	1
29	CALLIANASSA CF MINIMA						1	1	1
30	SOLEMYA SPA		1					1	1
31	PHOTID SPA						1	1	1
32	ACANTHOCARPUS ALEXANDRI	1						1	1
33	BRUZELIOPSIS SP				1			1	1
34	CHASMOCARCINUS MISSISSIPPIENSIS				1			1	1
35	ALPHEUS AMBLYONYX				1			1	1
36	NEREIS SPA			1				1	1
37	PHILOMEDES SPC					1		1	1
38	AGLAOPHAMUS INERMIS			1				1	1
39	MEDIOMASTUS CALIFORNIENSIS		1					1	1
40	GONIADIDAE			1				1	1
41	PARAONIS SPA			1				1	1
	NO. OF SPECIES	12	8	19	12	7	12		
	NO. OF INDIVIDUALS	17	11	28	32	7	31	126	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	41	126	4.4938	.9214	.8293

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	71	100	41	60	50	68	390	6
2	MEDIOMASTUS CALIFORNIENSIS	16	30	2	2	3	7	60	6
3	MAGELONA PHYLLISAE	7	15	2		7	7	38	5
4	NEMERTINEA	7	12	2	3	3		27	5
5	COSSURA DELTA	6	9	2	2	3	4	26	6
6	AMPELISCA ABDITA	5	10		3	2		20	4
7	NEREID(NICON) SPA	4	7	3	1	3		18	5
8	AMPELISCA AGASSIZI	3	7			5	1	16	4
9	MAGELONA ROSEA	2	5	1		4	1	13	5
10	SIGAMBRA TENTACULATA	1	6				5	12	3
11	NEPHTYS INCISA	2	5		1	3		11	4
12	AMPELISCA VERRILLI	3	3	1	2	1		10	5
13	SPIOCHAETOPTERUS COSTARUM		5	1		2		8	3
14	VITRINELLA FLORIDANA	1				5		6	2
15	NINOE NIGRIPES			1		1	2	4	3
16	ONUPHIS SPA		4					4	1
17	ARICIDEA TAYLORI	3						3	1
18	PHOTIS MACROMACUS		2		1			3	2
19	MINUSPIO CIRRIFERA		1	1			1	3	3
20	ERIOPISA SPB					3		3	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA LONGICORNIS			1		1		2	2
22	CHASMOCARCINUS MISSISSIPPIENSIS				1		1	2	2
23	NEREIDAE			2				2	1
24	SPIONIDAE				1		1	2	2
25	ARICIDEA JEFFREYSII						2	2	1
26	VOLVULELLA TEXASIANA	2						2	1
27	DIOPATRA CUPREA		1		1			2	2
28	PARAONIS GRACILIS		1			1		2	2
29	STHENELAIS BOA		1		1			2	2
30	LISTRIELLA BARNARDI	1				1		2	2
31	MALACOCEROS VANDERHORSTI			2				2	1
32	ARMANDIA AGILIS					1		1	1
33	TELLINA SP			1				1	1
34	ABRA AEQUALIS		1					1	1
35	SICYONIA DORSALIS				1			1	1
36	PRIONOSPIO CRISTATA						1	1	1
37	CLYMENELLA TORQUATA					1		1	1
38	TRACHYPENAEUS SIMILIS		1					1	1
39	PARANDALIA OCULARIS		1					1	1
40	POLYODONTES LUPINA		1					1	1
41	ARMANDIA MACULATA						1	1	1
42	POLYNOIDAE		1					1	1
43	DRILONEREIS MAGNA						1	1	1
44	CORBULA CF CONTRACTA						1	1	1
45	NATICA PUSILLA		1					1	1
	NO. OF SPECIES	16	25	15	14	20	16		
	NO. OF INDIVIDUALS	134	230	63	80	100	104	711	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	45	711	2.9445	.6839	.2444

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	1	3	6	8		9	27	5
2	SPIONIDAE				15	10		25	2
3	PARAPRIONOSPIO PINNATA	3	2	8	6	4		23	5
4	MAGELONA LONGICORNIS	2	2	5	5	1	5	20	6
5	NEPHTYS INCISA	1		6	2	2	2	13	5
6	PARAONIS GRACILIS	2		1	1	8		12	4
7	PARAONIS SPA		1	5	3	3		12	4
8	LUMBRINERIS PARVAPEDATA		1	3	3	2		9	4
9	COSSURA DELTA			6	1	1		8	3
10	AUTOMATE EVERMANNI		1		3	1	1	6	4
11	EUDORELLA MONODON	1			4		1	6	3
12	AMPELISCA VERRILLI		3				1	4	2
13	MAGELONA ROSEA		1	3				4	2
14	SIGAMBRA TENTACULATA			3	1			4	2
15	ARICIDEA JEFFREYSII			2	2			4	2
16	OPHIUROIDEA		1	1		1		3	3
17	CIRROPHORUS LYRIFORMIS			1	1	1		3	3
18	HIPPOMEDON CF SERRATUS			1		1	1	3	3
19	AMPELISCA ABDITA		1		1		1	3	3
20	KALLIAPSEUDES SPA		1	1	1			3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NINOE NIGRIPES		1	1		1		3	3
22	LUMBRINERIS TENUIS			1	1		1	3	3
23	ONUPHIS EREMITA	1	1					2	2
24	MINUSPIO CIRRIFERA			1	1			2	2
25	NOTOMASTUS CF AMERICANUS				1		1	2	2
26	MOIRA ATROPOS					1	1	2	2
27	ASYCHIS ELONGATA		2					2	1
28	STHENELAIS LIMICOLA		1		1			2	2
29	CHAETOZONE SETOSA			1				1	1
30	PARAONIDAE			1				1	1
31	COROPHIUM ASCHERUSICUM			1				1	1
32	LIMA LOCKLINI				1			1	1
33	ALPHEUS SP						1	1	1
34	TRACHYPENAEUS SIMILIS		1					1	1
35	NEREID(NICON) SPA					1		1	1
36	PARAONIDES LYRA						1	1	1
37	PARANDALIA INDICA						1	1	1
38	APHRODITIDAE						1	1	1
39	ARMANDIA MACULATA						1	1	1
40	LISTRIELLA BARNARDI		1					1	1
41	AMPELISCA AGASSIZI		1					1	1
42	GLYCERA CAPITATA				1			1	1
43	ANCISTROSYLLIS GROENLANDICA						1	1	1
44	PITAR CORDATUS						1	1	1
45	MEDIOMASTUS CALIFORNIENSIS					1		1	1
46	HETEROSPIO LONGISSIMA						1	1	1
47	CIRROPHORUS BRANCHIATUS		1					1	1
48	CIRRATULIDAE	1						1	1
49	MALACOCEROS INDICUS	1						1	1
50	SPIOPHANES LONGICIRRUS	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AEDICIRA SP			1				1	1
52	PLATYHELMINTHES				1			1	1
53	THARYX MARIONI				1			1	1
54	DIOPATRA CUPREA				1			1	1
55	ALTERNOCHELATA SPA					1		1	1
56	OWENIA FUSIFORMIS			1				1	1
57	AMPHARETIDAE			1				1	1
58	ARICIDEA WASSI				1			1	1
59	GLYCERA TESSELATA	1						1	1
60	ASTEROIDEA			1				1	1
	NO. OF SPECIES	11	19	25	26	17	19		
	NO. OF INDIVIDUALS	15	26	62	67	40	32	242	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	60	242	4.9107	.9503	.7667

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
1	PARAPRIONOSPIO PINNATA	3		2	1	1	1	8	5
2	PARAONIS GRACILIS	1	1	2				4	3
3	NEMERTINEA			2	1		1	4	3
4	SIGAMBRA TENTACULATA			2	1		1	4	3
5	SARSIELLA SPB	1		2				3	2
6	NEPHTYS INCISA	1			1			2	2
7	PARALACYDONIA PARADOXA			1		1		2	2
8	SCLEROCONCHA SPA	1			1			2	2
9	HETEROPHOXUS CF OCULATUS	1					1	2	2
10	SIPUNCULA					2		2	1
11	AGLAOPHAMUS CIRCINATA	1			1			2	2
12	ERYCINA SP					2		2	1
13	COROPHIUM ASCHERUSICUM			1			1	2	2
14	ARICIDEA JEFFREYSII				1			1	1
15	POECILOCHAETUS JOHNSONI				1			1	1
16	TETRAGONODON SPA				1			1	1
17	XENANTHURA BREVITELSON				1			1	1
18	STHENELAIS LIMICOLA				1			1	1
19	STERNASPIS SCUTATA	1						1	1
20	COSSURA DELTA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AMPELISCA AGASSIZI			1				1	1
22	APSEUDES SPA			1				1	1
23	DENTALIUM SOWERBYI						1	1	1
24	OPHIUROIDEA						1	1	1
25	PITAR CORDATUS					1		1	1
26	AMPHARETIDAE		1					1	1
27	LEPTOCUMA SP		1					1	1
28	AMPELISCA SPA	1						1	1
29	NUCULANA ACUTA						1	1	1
30	AGLAOPHAMUS INERMIS						1	1	1
31	GLYCERA TESSELATA				1			1	1
32	LEPTON SPA					1		1	1
33	GNATHIA SP	1						1	1
34	NINOE NIGRIPES					1		1	1
35	TEREBELLIDAE				1			1	1
36	ONUPHIDAE					1		1	1
	NO. OF SPECIES	10	3	10	13	8	9		
	NO. OF INDIVIDUALS	12	3	15	13	10	9	62	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	36	62	4.8533	.9699	1.1667

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	16	6	13	9	1	14	59	6
2	NEMERTINEA	1	7	1	4	3	3	19	6
3	NEPHTYS INCISA	2	4	3		1	3	13	5
4	LUMBRINERIS PARVAPEDATA	2	2	1	2	1	3	11	6
5	AMPELISCA AGASSIZI	2		5	1		2	10	4
6	AMPELISCA VERRILLI	2		2			5	9	3
7	AMPELISCA ABDITA	5		1			2	8	3
8	EUDORELLA MONODON	1			1	2	1	5	4
9	MAGELONA ROSEA		3	1			1	5	3
10	COSSURA DELTA	1	1	1			2	5	4
11	PARAONIDAE		1		2	1		4	3
12	MAGELONA LONGICORNIS			1		3		4	2
13	ACLIS SPA				4			4	1
14	NOTOMASTUS CF LATERICEUS		1		1			2	2
15	OPHIUROIDEA				1		1	2	2
16	MACOMA PULLEYI		2					2	1
17	ARMANDIA MACULATA		2					2	1
18	COROPHIUM ASCHERUSICUM		2					2	1
19	CIRROPHORUS LYRIFORMIS	1	1					2	2
20	PINNIXA CF CHAETOPTERANA			1			1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MEDIOMASTUS CALIFORNIENSIS	2						2	1
22	SIGAMBRA TENTACULATA	1				1		2	2
23	AGLAOPHAMUS CIRCINATA	1						1	1
24	SPIOPHANES BOMBYX	1						1	1
25	ACTINARIA	1						1	1
26	AMPHARETIDAE				1			1	1
27	THARYX MARIONI						1	1	1
28	AEDICIRA BELGICAE	1						1	1
29	PARAONIS GRACILIS					1		1	1
30	SCOLELEPIS TEXANA		1					1	1
31	ARICIDEA JEFFREYSII					1		1	1
32	NOTOMASTUS LATERICEUS	1						1	1
33	DRILONEREIS MAGNA					1		1	1
34	APSEUDES SPA				1			1	1
35	ASYCHIS ELONGATA		1					1	1
36	ASYCHIS SP		1					1	1
37	NEREID(NICON) SPA						1	1	1
38	NEPHTYIDAE				1			1	1
	NO. OF SPECIES	17	15	11	12	11	14		
	NO. OF INDIVIDUALS	41	35	30	28	16	40	190	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	38	190	4.0159	.8785	.6316

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SP		5	19	4		7	35	4
2	MAGELONA LONGICORNIS	4	1	1	3		2	11	5
3	NEMERTINEA	2		3	3		1	9	4
4	COSSURA DELTA		1	5			2	8	3
5	OPHIUROIDEA		2	1	1	1	2	7	5
6	PARAONIS GRACILIS		1	4				5	2
7	PARAONIS SPA		2	2		1		5	3
8	SPIOPHANES LONGICIRRUS		1	3				4	2
9	AUTOMATE EVERMANNI	1		1	1			3	3
10	PITAR CORDATUS				3			3	1
11	ARICIDEA JEFFREYSII		1	2				3	2
12	NEPHTYS INCISA		1		1		1	3	3
13	AMPHICTEIS GUNNERI				1	1		2	2
14	THARYX MARIONI		1				1	2	2
15	AMPELISCA AGASSIZI			2				2	1
16	NOTOMASTUS CF LATERICEUS			1	1			2	2
17	EUDORELLA MONODON			1	1			2	2
18	PHYLLODOCE MUCOSA	1	1					2	2
19	EXOGONE DISPAR			1				1	1
20	LUMBRINERIS PARVAPEDATA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NINOE NIGRIPES			1				1	1
22	NEREID(NICON) SPA			1				1	1
23	MEDIOMASTUS CALIFORNIENSIS			1				1	1
24	SIGAMBRA TENTACULATA						1	1	1
25	AMYGDALUM PAPYRIUM		1					1	1
26	HETEROPHOXUS CF OCULATUS		1					1	1
27	RISSOINA CANCELLATA				1			1	1
28	AEDICIRA BELGICAE					1		1	1
29	PARASTEROPE SPP		1					1	1
30	PARAGPHINOME PULCHELLA					1		1	1
31	POLYNOIDAE				1			1	1
32	CAPRELLID					1		1	1
33	ARMANDIA MACULATA		1					1	1
34	ONUPHIDAE						1	1	1
35	PROCESSA HEMPHILLI			1				1	1
36	AMPELISCA SPA				1			1	1
37	MAGELONA ROSEA		1					1	1
38	SABELLIDAE			1				1	1
39	STHENELAIS LIMICOLA				1			1	1
40	NUCULANA ACUTA			1				1	1
41	DRILONEREIS MAGNA		1					1	1
42	PARAPRIONOSPIO PINNATA		1					1	1
43	GNATHIA SP			1				1	1
	NO. OF SPECIES	4	18	22	14	6	9		
	NO. OF INDIVIDUALS	8	24	54	23	6	18	133	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	43	133	4.4160	.9113	.7442

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS		1	1		5	2	9	4
2	PARALACYDONIA PARADOXA		1			2	1	4	3
3	SIGAMBRA TENTACULATA						4	4	1
4	NEMERTINEA	1	1	1	1			4	4
5	PARAPRIONOSPIO PINNATA		1		1	2		4	3
6	PARAMPHINOME PULCHELLA	2				1		3	2
7	STERNASPIS SCUTATA		2				1	3	2
8	LUMBRINERIS PARVAPEDATA	1	1				1	3	3
9	COSSURA DELTA		1	1		1		3	3
10	SIPUNCULA	1		1				2	2
11	HETEROPHOXUS CF OCULATUS	2						2	1
12	PARAONIS GRACILIS		1			1		2	2
13	NEPHTYS INCISA	1	1					2	2
14	OPHIUROIDEA	1					1	2	2
15	AUTOMATE EVERMANNI				1		1	2	2
16	ARICIDEA SP	2						2	1
17	THYASIRA SP					2		2	1
18	CIRROPHORUS LYRIFORMIS					2		2	1
19	ERIOPISA SPB				1			1	1
20	GONIADA MACULATA						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA ROSEA				1			1	1
22	ARMANDIA MACULATA				1			1	1
23	POECILOCHAETUS JOHNSONI			1				1	1
24	MAGELONA LONGICORNIS			1				1	1
25	SOLEMYA SPA		1					1	1
26	YOLDIA SOLENOIDES					1		1	1
27	DENTALIUM SOWERBYI						1	1	1
28	GLYCERA CAPITATA		1					1	1
29	HYDROZOA						1	1	1
30	ARICIDEA JEFFREYSII		1					1	1
31	ANITHURID SPA					1		1	1
32	SAMYTHELLA ELIASONI		1					1	1
33	CORBULA CF CONTRACTA	1						1	1
34	GNATHIA SP						1	1	1
35	PARAONIDAE						1	1	1
36	AMPHARETIDAE					1		1	1
37	HAMINOEA SUCCINEA						1	1	1
38	GONIADIDAE	1						1	1
39	AGLAOPHAMUS CIRCINATA					1		1	1
40	MONOCULODES SPC					1		1	1
41	PSEUDEURYTHOE AMBIGUA					1		1	1
42	PARAONIDES LYRA				1			1	1
43	CROPHIUM ASCHERUSICUM					1		1	1
	NO. OF SPECIES	10	13	6	7	15	13		
	NO. OF INDIVIDUALS	13	14	6	7	23	17	80	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	43	80	5.1110	.9744	1.1628

TABLE 3 CONT.'D

STATION 1 TRANSECT I PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	19	21	21	36	12	37	146	6
2	MAGELONA PHYLLISAE	12	5	35	42	10	31	135	6
3	MEDIOMASTUS CALIFORNIENSIS	4	5	13	7	11	5	45	6
4	NEMERTINEA	3	3	14	1	5	6	32	6
5	SIPUNCULA	7	1	13	1	7	3	32	6
6	COSSURA DELTA	7	3	7	1	2	4	24	6
7	LUMBRINERIS PARVAPEDATA	5	1	4	5	2	4	21	6
8	NEREID(NICON) SPA	4	1	3	2	2	3	15	6
9	NINOE NIGRIPES	3	3	1	3	2		12	5
10	CROPHIUM ASCHERUSICUM	1	5	1	4		1	12	5
11	SIGAMBRA TENTACULATA			6			3	9	2
12	ZOANTHARIA	1	1		6	1		9	4
13	MAGELONA ROSEA		2	2		1	4	9	4
14	NEPHTYS INCISA		1	2	2	1	1	7	5
15	ASYCHIS ELONGATA	4	1			1		6	3
16	PINNIXA CF CHAETOPTERANA			2	3			5	2
17	LUMBRINERIS TENUIS		3		2			5	2
18	ASYCHIS CAROLINAE	1	3				1	5	3
19	AMPELISCA AGASSIZI	4						4	1
20	DIOPATRA CUPREA	2	1		1			4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AEDICIRA ALBATROSSAE						4	4	1
22	AEDICIRA BELGICAE		1		1	1		3	3
23	SPIONIDAE	1	1					2	2
24	NUCULA PROXIMA			2				2	1
25	GYPTIS VITTATA	1	1					2	2
26	NEPHTYS SP	2						2	1
27	POLYDDONTES LUPINA		1					1	1
28	CLYMENELLA TORQUATA		1					1	1
29	ARICIDEA WASSI		1					1	1
30	NEPHTYIDAE				1			1	1
31	VOLVOLELLA TEXASIANA			1				1	1
32	ANCISTROSYLLIS JONESI		1					1	1
33	LAONICE CIRRATA			1				1	1
34	PHORONIDA					1		1	1
35	ARICIDEA TAYLORI			1				1	1
36	POLYCHAETE SPA				1			1	1
37	SQUILLA CHYDAEA			1				1	1
38	ALPHEUS SP			1				1	1
39	PALEANOTUS HETEROSETA				1			1	1
40	SPIROBIS SP	1						1	1
41	POLYDORA SPA	1						1	1
42	ERIOPISA SPB	1						1	1
43	AUTOMATE EVERMANNI			1				1	1
44	ASYCHIS SP			1				1	1
45	SIGAMBRA BASSI		1					1	1
46	LISTRIELLA BARNARDI	1						1	1
47	GONEPLACIDAE			1				1	1
48	ACTINARIA		1					1	1
49	AMPELISCA ABDITA		1					1	1
50	ABRA AEQUALIS			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	GONIADA TERES					1		1	1
112	ONUPHIS SP	1						1	1
113	MALACOCEROS SP				1			1	1
114	PORTUNIDAE						1	1	1
115	HESIONIDAE					1		1	1
116	LEPIDONOTUS SUBLEVIS			1				1	1
117	CALLIANASSA ACANTHOCHIRUS			1				1	1
118	MALACOCEROS VANDERHORSTI						1	1	1
119	NEREIS SP		1					1	1
120	POLYDORA LIGNI		1					1	1
121	POLINICES DUPLICATUS	1						1	1
122	PAGURISTES SP		1					1	1
123	MALDANIDAE					1		1	1
124	OLIVA SAYANA				1			1	1
125	POLYDORA SPA				1			1	1
126	SPIOCHAETOPTERUS COSTARUM						1	1	1
127	NEPHTYS INCISA				1			1	1
128	NOTOMASTUS LATERICEUS	1						1	1
129	PALEANOTUS HETEROSETA						1	1	1
130	NEREIS CF RIISEI						1	1	1
131	ODOSTOMIA SEMINUDA			1				1	1
132	PAGURISTES HUMMI				1			1	1
133	OPHIODROMUS OBSCURUS			1				1	1
134	ANCISTROSYLLIS PAPILLOSA			1				1	1
135	NOTOMASTUS HEMIPODUS						1	1	1
136	CYCLASPIS VARIANS		1					1	1
137	CALLIANASSA ATLANTICA	1						1	1
138	TURBONILLA PORTORICANA			1				1	1
139	LUCINA MULTILINEATA						1	1	1
140	POLYDORA CF HARTMANAE	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	OGYRIDES SP	1						1	1
142	CLYTIA KINCAIDI	1						1	1
143	CIRRATULID SPA				1			1	1
144	VITRINELLIDAE			1				1	1
145	PIROMIS ERUCA						1	1	1
146	NOTOMASTUS LOBATUS						1	1	1
147	ODOSTOMIA SP			1				1	1
148	SOLEN VIRIDIS				1			1	1
149	SPIOPHANES WIGLEYI				1			1	1
150	CLYTIA ELONGATA					1		1	1
	NO. OF SPECIES	59	69	79	69	59	73		
	NO. OF INDIVIDUALS	769	812	679	813	604	610	4287	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	I	150	4287	4.7555	.9233	.2733

TABLE 3 CONT.'D

STATION 5 TRANSECT I PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS SPA		3	1	4	4	5	17	5
2	NEMERTINEA	1	6		1		4	12	4
3	ACLIS SPA					2	9	11	2
4	PITAR CORDATUS	2	3	1	2	2		10	5
5	OSTRACOD SPD	4	6					10	2
6	NEPHTYS INCISA	1	1		1	2	1	6	5
7	THYASIRA SP		3		3			6	2
8	PARAONIS GRACILIS	1	1		1		2	5	4
9	COSSURA DELTA	1				3	1	5	3
10	SOLEMYA SPA	1	1		1		2	5	4
11	SIGAMBRA TENTACULATA	1	1			2	1	5	4
12	ARICIDEA JEFFREYSII		2			1	1	4	3
13	SPIOCHAETOPTERUS COSTARUM	1		1		1	1	4	4
14	THARYX MARIONI	1		2				3	2
15	MAGELONA LONGICORNIS			1			2	3	2
16	PARAPRIONUSPIO PINNATA	2			1			3	2
17	SIPUNCULA	2						2	1
18	CORBULA CF CONTRACTA	1		1				2	2
19	GONEPLACIDAE		1				1	2	2
20	COROPHIUM ASCHERUSICUM		1				1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CLYTIA LONGICYATHA		1				1	2	2
22	SIGAMBRA BASSI			1			1	2	2
23	OBELIA SPA			1	1			2	2
24	ACTINARIA		2					2	1
25	PARALACYDONIA PARADOXA				1		1	2	2
26	PARADNIDAE		1				1	2	2
27	OPHIUROIDEA	1	1					2	2
28	STERNASPIS SCUTATA		1		1			2	2
29	SPIOPHANES LONGICIRRUS		1					1	1
30	CAMPANULARIDAE	1						1	1
31	VOLVULELLA TEXASIANA	1						1	1
32	AMYGDALUM PAPYRIUM		1					1	1
33	ECHINOIDEA		1					1	1
34	PRIONOSPIO STEENSTRUPI		1					1	1
35	AMPELISCA VERRILLI						1	1	1
36	SPIONIDAE		1					1	1
37	ABRA AEQUALIS		1					1	1
38	BYBLIS CF GAIMARDI		1					1	1
39	LUMBRINERIS ALBIDENTATA			1				1	1
40	MEDIOMASTUS CALIFORNIENSIS		1					1	1
41	TEREBELLIDES STROEMII						1	1	1
42	GLYCERA TESSELATA						1	1	1
43	OSTRACOD SPY	1						1	1
44	SERPULA VERMICULARIS				1			1	1
45	HETEROPHOXUS CF OCULATUS	1						1	1
46	MAGELONA PHYLLISAE						1	1	1
47	BRYOZOA			1				1	1
48	TURBONILLA SP					1		1	1
49	HIPPOMEDON CF SERRATUS	1						1	1
50	TEREBELLIDAE	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	THARYX FILIBRANCHIA						1	1	1
52	POLYSTIRA ALBIDA	1						1	1
53	ONUPHIS SP				1			1	1
54	NUCULA PROXIMA						1	1	1
55	APSEUDES SPA	1						1	1
56	PROCESSA HEMPHILLI		1					1	1
57	NINOE NIGRIPES				1			1	1
58	MINUSPIO CIRRIFERA					1		1	1
59	HAPLOSCOLOPLOS FOLIOSUS			1				1	1
60	SPHAEROSYLLIS CF SUBLAEVIS				1			1	1
61	CLYTIA SP			1				1	1
62	SCOLELEPIS TEXANA						1	1	1
63	LUMBRINERIS TENUIS			1				1	1
64	SEGUENZIA MONOCINGULATA					1		1	1
65	PISTA CRISTATA			1				1	1
66	NATICA SP			1				1	1
67	ARMANDIA MACULATA		1					1	1
68	POLYCHAETE SPA	1						1	1
	NO. OF SPECIES	23	27	15	15	11	24		
	NO. OF INDIVIDUALS	29	45	16	21	20	42	173	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	I	68	173	5.4279	.9698	.9706

TABLE 3 CONT.'D

STATION 6 TRANSECT I PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIOCHAETOPTERUS COSTARUM	14	13	4	7	3	3	44	6
2	SIPUNCULA	10	4	8	4	2	10	38	6
3	PARAONIS GRACILIS	10	1	6	3	5	6	31	6
4	NEMERTINEA	7	2	4		4	6	23	5
5	DENTALIUM SOWERBYI	7	2	2	4	1	5	21	6
6	SIGAMBRA TENTACULATA	4	1	5	1	3	1	15	6
7	ALTERNOCHELATA SPA	8	4		1		1	14	4
8	THARYX MARIONI	6	2	1	3	1	1	14	6
9	GLYCERA TESSELATA	4	3	2	1		2	12	5
10	COSSURA DELTA	1	1	1	4	4		11	5
11	PARALACYDONIA PARADOXA	3	2	2	1	1	1	10	6
12	THYASIRA SP	1	2			1	5	9	4
13	PELECYPOD SPA	3	5			1		9	3
14	PARAONIDES LYRA		4	1			4	9	3
15	PARAPRIONOSPIO PINNATA	2		2		2	1	7	4
16	TEREBELLIDES STROEMII			1	1	4	1	7	4
17	STERNASPIS SCUTATA	2			3		2	7	3
18	SCUTOPUS SPA	1	2		1	2	1	7	5
19	AGLAOPHAMUS CIRCINATA		4		2	1		7	3
20	SPIONIDAE	1	3	1			1	6	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ACLIS SPA	3	1	1			1	6	4
22	PARAONIS SPA			1		1	3	5	3
23	ARMANDIA MACULATA	1	1	1	2			5	4
24	SOLEMYA SPA	2	2		1			5	3
25	LUMBRINERIS PARVAPEDATA	1	1	3				5	3
26	POECILOCHAETUS JOHNSONI	1		2	1			4	3
27	PITAR CORDATUS	2	1			1		4	3
28	HYBLIS CF GAIMARDI	4						4	1
29	LATREUTES FUCORUM					4		4	1
30	SPIOPHANES LONGICIRRUS		2		1	1		4	3
31	AMPHARETIDAE		1	2		1		4	3
32	MALDANIDAE	1	2			1		4	3
33	NUCULANA ACUTA			1	1		1	3	3
34	OPHIUROIDEA	1				1	1	3	3
35	GYPTIS VITTATA			1	1	1		3	3
36	HETEROPHOXUS CF OCULATUS	2				1		3	2
37	AEDICIRA BELGICAE	1		1		1		3	3
38	NOTOMASTUS LATERICEUS		2				1	3	2
39	CUSPIDARIA MEDIA	1	1	1				3	3
40	AMPELISCA ABDITA			3				3	1
41	ONUPHIDAE	1				1		2	2
42	TELLINIDAE			1			1	2	2
43	ONUPHIS SPB			1	1			2	2
44	OBELIA SPA				1	1		2	2
45	NEPHTYS INCISA	1			1			2	2
46	PARAONIDAE					2		2	1
47	AMPELISCA SPA	1				1		2	2
48	ACTINARIA		1	1				2	2
49	NATICA SP		1		1			2	2
50	AUTOMATE EVERMANNI		1			1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CIRRATULID SPA			2				2	1
52	CALLIANASSA LATISPINA	2						2	1
53	COROPHIUM ASCHERUSICUM			2				2	1
54	PARAMPHINOME PULCHELLA			1		1		2	2
55	TEREBELLIDAE	1						1	1
56	SAMYTHELLA ELIASONI				1			1	1
57	VERTICORDIA FISCHERIANA	1						1	1
58	EUPANTHALIS KINBERGI			1				1	1
59	DENTALIUM TEXASIANUM				1			1	1
60	SCHISTOMERINGOS RUDOLPHI	1						1	1
61	MAGELONA PETTIBONEAE				1			1	1
62	AMPHARETE AMERICANA					1		1	1
63	OPHIODROMUS OBSCURUS			1				1	1
64	OPLORHIZA CF PARVULA						1	1	1
65	APSEUDES SPA	1						1	1
66	OSTRACOD SPD	1						1	1
67	CIRRATULIDAE					1		1	1
68	PARDALISCID SPA			1				1	1
69	OWENIA FUSIFORMIS	1						1	1
70	POLYCHAETE SPA				1			1	1
71	TYPHLAPSEUDES SPD						1	1	1
72	MAGELONA ROSEA					1		1	1
73	NINOE NIGRIPES					1		1	1
74	AMPELISCA AGASSIZI					1		1	1
75	AMYGDALUM PAPYRIUM			1				1	1
76	GNATHIA SP	1						1	1
77	UNCIOLA SERRATA		1					1	1
78	SINUM MACULATUM			1				1	1
79	CALOCARIS OXYPLEURA	1						1	1
80	CIRRATULID-B			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	ACANTHOCARPUS ALEXANDRI	1						1	1
82	MINUSPIO CIRRIFERA					1		1	1
83	ERIOPISA INCISA		1					1	1
84	ECHINOIDEA	1						1	1
85	NEPHTYIDAE						1	1	1
86	CAPRELLID	1						1	1
87	PHYLLODOCE MUCOSA						1	1	1
88	RINGICULA SEMISTRIATA		1					1	1
89	VERTICORDIA ORNATA				1			1	1
90	PLATYHELMINTHES					1		1	1
91	CORBULA CF CONTRACTA					1		1	1
92	CAULLERIELLA SPB		1					1	1
93	CHAETOPTERUS SP						1	1	1
94	SQUILLA CHYDAEA		1					1	1
	NO. OF SPECIES	44	35	37	29	39	28		
	NO. OF INDIVIDUALS	120	77	71	52	63	64	447	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	I	94	447	5.5643	.9660	.7660

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	78	65	86	138	134	30	531	6
2	MEDIOMASTUS CALIFORNIENSIS	12	17	10		22	15	76	5
3	MAGELONA PHYLLISAE	9	8	9	8	7	16	57	6
4	AMPELISCA AGASSIZI	5	4		18	1		28	4
5	NEMERTINEA	3	8	2	9		1	23	5
6	VITRINELLA FLORIDANA			16	2		1	19	3
7	SIGAMBRA TENTACULATA		1	7	5	4	1	18	5
8	MAGELONA ROSEA	3	6		2	4		15	4
9	COSSURA DELTA	1	5	3	1	1	3	14	6
10	COROPHIUM ASCHERUSICUM	3	6			4		13	3
11	NEPHTYS INCISA		5		2	2	1	10	4
12	NEREID(NICON) SPA	4	2		2	1	1	10	5
13	MINUSPIO CIRRIFERA		1	1	4		3	9	4
14	NINOE NIGRIPES	1	1	2		2	1	7	5
15	ARICIDEA JEFFREYSII	1	1		2	1	2	7	5
16	NATICA SP	3	1			1	1	6	4
17	GONEPLACIDAE		1	4				5	2
18	MALACOCEROS VANDERHORSTI	1				2	1	4	3
19	AMPELISCA VERRILLI	2	1			1		4	3
20	AMPELISCA ABDITA	2		1				3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIONIDAE	3						3	1
22	ANACHIS CALLIGLYPTA					2		2	1
23	SPIOCHAETOPTERUS COSTARUM	1			1			2	2
24	NOTOMASTUS LATERICEUS		2					2	1
25	OPHIUROIDEA				1			1	1
26	HARMOTHOE TRIMACULATA	1						1	1
27	NOTOMASTUS CF LATERICEUS						1	1	1
28	LUMBRINERIS TENUIS		1					1	1
29	ASYCHIS ELONGATA	1						1	1
30	ALPHEUS SP				1			1	1
31	ACLIS SPA			1				1	1
32	AMPELISCA SPA					1		1	1
33	PARAONIS GRACILIS			1				1	1
34	LISTRIELLA BARNARDI					1		1	1
35	ACTINARIA		1					1	1
36	NEREIDAE				1			1	1
37	PARAONIDAE				1			1	1
38	POLYODONTES LUPINA	1						1	1
39	ONUPHIS SPD				1			1	1
	NO. OF SPECIES	20	20	13	18	18	15		
	NO. OF INDIVIDUALS	135	137	143	199	191	78	883	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	39	883	2.5861	.6235	.2308

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COROPHIUM ASCHERUSICUM	109	24	1	20		21	175	5
2	COSSURA DELTA	1	2	4	3	7	1	18	6
3	MAGELONA LONGICORNIS	4	1	1	5	4		15	5
4	PARAONIS GRACILIS	5	1	1		5	2	14	5
5	NEMERTINEA	1	2	5	1	3	1	13	6
6	ACTINARIA	5	3		4		1	13	4
7	PARAPRIONOSPIO PINNATA	5	3	2	1	1		12	5
8	NEPHTYS INCISA		1	4	4		1	10	4
9	PARAONIS SPA		1	1	2	1	4	9	5
10	SPIONIDAE	2			3	2	1	8	4
11	PTYCHODERA SP	5					2	7	2
12	OBELIA SPA	1	5		1			7	3
13	GONEPLACIDAE				2	3	1	6	3
14	MAGELONA ROSEA			3		2		5	2
15	PARAONIDAE	1	1		1	1	1	5	5
16	MEDIOMASTUS CALIFORNIENSIS		2	1		2		5	3
17	LUMBRINERIS PARVAPEDATA			4	1			5	2
18	CIRROPHORUS LYRIFORMIS			2	2			4	2
19	SIGAMBRA TENTACULATA		1	1		2		4	3
20	NOTOMASTUS CF LATERICEUS	1	1		2			4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CAPRELLID	3	1					4	2
22	ACLIS SPA			1	2			3	2
23	CIRRATULID-B				2		1	3	2
24	DRILONEREIS MAGNA		1		2			3	2
25	AUTOMATE EVERMANNI				1	1	1	3	3
26	CLYTIA LONGICYATHA	1	1					2	2
27	AMPHICTEIS GUNNERI			2				2	1
28	CORBULA CF CONTRACTA	1			1			2	2
29	NINOE NIGRIPES			2				2	1
30	CIRRATULID SPA			2				2	1
31	THARYX MARIONI			2				2	1
32	NATICA SP			1	1			2	2
33	ASYCHIS ELONGATA	1	1					2	2
34	CHAETOPTERIDAE	2						2	1
35	AEDICIRA BELGICAE			1	1			2	2
36	CHAETOZONE SETOSA				2			2	1
37	NEREID(NICON) SPA				1		1	2	2
38	ARICIDEA WASSI	1				1		2	2
39	POLYCHAETE SPA					1		1	1
40	NISO INTERRUPTA						1	1	1
41	THYASIRA SP				1			1	1
42	POLYCHAETA		1					1	1
43	ARICIDEA JEFFREYSII			1				1	1
44	CIRROPHORUS BRANCHIATUS			1				1	1
45	PHYLLODOCE MUCOSA				1			1	1
46	AMPELISCA VERRILLI				1			1	1
47	ANACHIS CALLIGLYPTA					1		1	1
48	LAONICE CIRRATA					1		1	1
49	GONIADA TERES				1			1	1
50	SPIOPHANES LONGICIRRUS	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	OSTRACOD SPCC			1				1	1
52	AMPELISCA ABDITA					1		1	1
53	CIRRATULIDAE			1				1	1
54	LUMBRINERIDAE	1						1	1
55	PISTA CRISTATA						1	1	1
56	MINUSPIO CIRRIFERA					1		1	1
57	BRADA SP			1				1	1
58	NOTOMASTUS HEMIPODUS			1				1	1
59	HETEROSPIO LONGISSIMA	1						1	1
60	ARMANDIA MACULATA		1					1	1
61	KALLIAPSEUDES SPA			1				1	1
62	MINUSPIO LONGIBRANCHIATA				1			1	1
63	LUMBRINERIS TENUIS						1	1	1
64	AMPELISCA AGASSIZI			1				1	1
65	ONUPHIS MAGNA	1						1	1
66	ACTINARIA SPA			1				1	1
67	NEPHTYIDAE						1	1	1
68	GONIADIDAE	1						1	1
	NO. OF SPECIES	23	20	29	29	19	18		
	NO. OF INDIVIDUALS	154	54	50	70	40	43	411	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	68	411	4.0810	.8095	.3824

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS		1	2	5	6	1	15	5
2	APSEUDES SPA		10					10	1
3	SIGAMBRA TENTACULATA	2		1		5	1	9	4
4	SIPUNCULA	1	2		1	1	2	7	5
5	PARAPRIONOSPIO PINNATA	2	2		2			6	3
6	SPIONIDAE	2		1		1	2	6	4
7	COSSURA DELTA		3	1	1			5	3
8	NEMERTINEA	2	1		1	1		5	4
9	NUCULANA ACUTA			2	1	1		4	3
10	OPHIUROIDEA	1		2			1	4	3
11	ACLIS SPA			2	2			4	2
12	THARYX MARIONI	1	1	1				3	3
13	ALTERNOCHELATA SPA		2		1			3	2
14	POECILOCHAETUS JOHNSONI	2					1	3	2
15	AUTOMATE EVERMANNI		1		1	1		3	3
16	PELECYPOD SPA	1	1	1				3	3
17	DENTALIUM SOWERBYI	1	1	1				3	3
18	STERNASPIS SCUTATA	1	1					2	2
19	AMPELISCA AGASSIZI	1	1					2	2
20	MINUSPIO CIRRIFERA		2					2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NINOE NIGRIPES	1	1					2	2
22	PITAR CORDATUS		1				1	2	2
23	OSTRACOD SPD		1		1			2	2
24	TETRAGONODON SPA		1					1	1
25	NEPHTYS INCISA	1						1	1
26	OSTRACOD SPZ	1						1	1
27	CUMACEAN SPE					1		1	1
28	GONEPLACIDAE				1			1	1
29	PARAONIS SPA						1	1	1
30	FINELLA DUBIA						1	1	1
31	NEPHTYIDAE						1	1	1
32	ARMANDIA MACULATA	1						1	1
33	LUMBRINERIS PARVAPEDATA	1						1	1
34	STHENOLEPIS CF JAPONICA	1						1	1
35	ONUPHIS MAGNA	1						1	1
36	VERTICORDIA ORNATA						1	1	1
37	EUDORELLA MONODON					1		1	1
38	CHAETODERMA SPA				1			1	1
39	STHENELAIS BOA			1				1	1
40	EUPANTHALIS KINBERGI					1		1	1
41	ERIOPISA INCISA			1				1	1
42	GYPTIS VITTATA			1				1	1
43	GLYCERA TESSELATA						1	1	1
44	SARSIELLA SPC					1		1	1
45	XENANTHURA BREVITELSON					1		1	1
46	CIRROPHORUS LYRIFORMIS		1					1	1
47	PARALACYDONIA PARADOXA		1					1	1
48	PRIONOSPIO STEENSTRUPI						1	1	1
49	GONIADA NORVEGICA					1		1	1
50	UNCIOLA SERRATA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
51	SINUM MACULATUM	1						1	1
	NO. OF SPECIES	20	21	13	12	13	13		
	NO. OF INDIVIDUALS	25	36	17	18	22	15	133	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	51	133	5.1181	.9659	1.0000

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS	16	3	9	5	3	4	40	6
2	PARAPRIONOSPIO PINNATA	7	11	4	2			24	4
3	MEDIOMASTUS CALIFORNIENSIS	10	5	1	2		2	20	5
4	COROPHIUM ASCHERUSICUM	5	10	4	1			20	4
5	APSEUDES SPA	1	2			1	10	14	4
6	COSSURA DELTA	4		3	5	1		13	4
7	NEMERTINEA	1	4	3		2	1	11	5
8	NOTOMASTUS LATERICEUS			3	3		4	10	3
9	MAGELONA LONGICORNIS	1	1	3	3		1	9	5
10	MAGELONA ROSEA	6		1			1	8	3
11	NEPHTYS INCISA	2	3	2			1	8	4
12	LUMBRINERIS PARVAPEDATA		3	2	1	1	1	8	5
13	THARYX MARIONI	3		2				5	2
14	SIGAMBRA TENTACULATA	2		1		1		4	3
15	NATICA SP	1	1		1	1		4	4
16	NOTOMASTUS CF LATERICEUS	2				2		4	2
17	NINOE NIGRIPES	1	1		1		1	4	4
18	SCOLELEPIS TEXANA		3	1				4	2
19	CIRROPHORUS LYRIFORMIS		2			1	1	4	3
20	MINUSPIO SP			4				4	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AMPELISCA VERRILLI			2			1	3	2
22	VOLVULELLA TEXASIANA			1			2	3	2
23	PARAONIDAE	2				1		3	2
24	ARICIDEA JEFFREYSII	2				1		3	2
25	VITRINELLA FLORIDANA		1			1	1	3	3
26	LUMBRINERIS TENUIS			1			1	2	2
27	SPIONIDAE						2	2	1
28	EUDORELLA MONODON		2					2	1
29	GONEPLACIDAE			1			1	2	2
30	ACTINARIA		1	1				2	2
31	AMPELISCA ABDITA	1	1					2	2
32	CLYTIA LONGICYATHA		1					1	1
33	ANCISTROSYLLIS JONESI						1	1	1
34	NOTOMASTUS HEMIPODUS		1					1	1
35	PARAMPHINOME PULCHELLA			1				1	1
36	DIOPATRA CUPREA	1						1	1
37	CORBULA CF CONTRACTA			1				1	1
38	DRILONEREIS MAGNA					1		1	1
39	OBELIA SPA			1				1	1
40	SCHISTOMERINGOS SPA			1				1	1
41	AMPELISCA AGASSIZI		1					1	1
42	ACLIS SPA						1	1	1
43	NEREID(NICON) SPA	1						1	1
	NO. OF SPECIES	20	20	24	10	13	19		
	NO. OF INDIVIDUALS	69	57	53	24	17	37	257	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	43	257	4.6188	.9423	.8605

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SP	8	12		1			21	3
2	PARAONIS GRACILIS		5		2	1	2	10	4
3	PARAONIS SPA			1	1		5	7	3
4	SIGAMBRA TENTACULATA		2	1	1	2	1	7	5
5	NEPHTYS INCISA	2		1	2	1		6	4
6	COSSURA DELTA		1		2		3	6	3
7	ACLIS SPA					6		6	1
8	NEMERTINEA	2	1		1		1	5	4
9	COROPHIUM ASCHERUSICUM	1	1				3	5	3
10	PITAR CORDATUS					5		5	1
11	PARAMPHINOME PULCHELLA		1			2	1	4	3
12	MAGELONA LONGICORNIS	1			2	1		4	3
13	PARAPRIONOSPIO PINNATA	1	1		1	1		4	4
14	MEDIOMASTUS CALIFORNIENSIS		3	1				4	2
15	PARAONIDES LYRA			1			2	3	2
16	SPIONIDAE						2	2	1
17	OPHIODROMUS OBSCURUS	1	1					2	2
18	AMPELISCA SPA		1		1			2	2
19	RISSOINA CANCELLATA						2	2	1
20	TURBONILLA SP						2	2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS PARVAPEDATA		1				1	2	2
22	SCUTOPUS SPA		1				1	2	2
23	NINOE NIGRIPES		1.	1				2	2
24	PARAONIDAE	2						2	1
25	NEREID(NICON) SPA		1					1	1
26	AUTOMATE EVERMANNI	1						1	1
27	NISO INTERRUPTA				1			1	1
28	DENTALIUM CF EBOREUM				1			1	1
29	ARICIDEA JEFFREYSII		1					1	1
30	SPIOPHANES LONGICIRRUS					1		1	1
31	OBELIA SPA						1	1	1
32	ASYCHIS ELONGATA						1	1	1
33	OPHIUROIDEA						1	1	1
34	DENTALIUM SP					1		1	1
35	CERIANTHARIA SPA	1						1	1
36	LUCINA SP					1		1	1
37	GNATHIA SP			1				1	1
38	PARALACYDONIA PARADOXA	1						1	1
39	MAGELONA PHYLLISAE						1	1	1
40	GONIADA TERES						1	1	1
41	THARYX MARIONI						1	1	1
42	EXOGONE DISPAR	1						1	1
43	AMYGDALUM PAPYRIUM					1		1	1
44	CUSPIDARIA MEDIA		1					1	1
	NO. OF SPECIES	12	17	7	12	12	19		
	NO. OF INDIVIDUALS	22	35	7	16	23	32	135	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	44	135	4.8562	.9549	1.0000

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	15	1	4	4	3		27	5
2	SIGAMBRA TENTACULATA	7	2	2	1	3		15	5
3	PARAONIS GRACILIS	2	1	5		4		12	4
4	ALTERNOCHELATA SPA	4		2	2			8	3
5	ACLIS SPA					7		7	1
6	SOLEMYA SPA		2	3	1			6	3
7	THARYX MARIONI	3	1	2				6	3
8	LUMBRINERIS PARVAPEDATA	3		2				5	2
9	GLYCERA TESSELATA	2	2		1			5	3
10	COSSURA DELTA	2		1		2		5	3
11	PARAPRIONOSPIO PINNATA		2	2	1			5	3
12	ERIOPISA INCISA		1			3		4	2
13	PELECYPOD SPA		1	2	1			4	3
14	PITAR CORDATUS		2	1				3	2
15	PARALACYDONIA PARADOXA		1	1	1			3	3
16	SPIONIDAE	2						2	1
17	THYASIRA SP			1		1		2	2
18	PARAONIS SPA			2				2	1
19	SEGUENZIA MONOCINGULATA	1		1				2	2
20	SINUM MACULATUM	1						1	1

TABLE 3 CONT.'D

	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ANTHURID SPB		1					1	1
22	NINOE NIGRIPES		1					1	1
23	ONUPHIDAE	1						1	1
24	AMPELISCA AGASSIZI		1					1	1
25	NUCULANA ACUTA		1					1	1
26	STERNASPIS SCUTATA	1						1	1
27	LUMBRINERIS TENUIS		1					1	1
28	OSTRACOD SPD		1					1	1
29	PARAONIDES LYRA				1			1	1
30	POLYCHAETE SPA					1		1	1
31	DENTALIUM SP			1				1	1
32	GONIADA TERES				1			1	1
33	OPHELIIDAE			1				1	1
34	HETEROPHOXUS CF OCULATUS			1				1	1
35	CALLIANASSA SP			1				1	1
36	CALLIANASSA LATISPINA	1						1	1
37	OPHIUROIDEA					1		1	1
38	CUSPIDARIA MEDIA				1			1	1
39	GASTROPODA				1			1	1
40	NEPHTYS INCISA			1				1	1
41	AMPHICTEIS GUNNERI			1				1	1
42	DENTALIUM SOWERBYI				1			1	1
43	SCLEROCONCHA SPA			1				1	1
44	NEMERTINEA			1				1	1
45	TYPHLAPSEUDES SPD			1				1	1
	NO. OF SPECIES	14	17	24	13	9			
	NO. OF INDIVIDUALS	45	22	40	17	25		149	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	45	149	4.6455	.9399	.8444

TABLE 3 CONT.'D

STATION 1 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	AMPELISCA AGASSIZI	80	116	32	40	80	55	403	6
2	MEDIOMASTUS CALIFORNIENSIS	9	10	4	17	13	11	64	6
3	PARAPRIONOSPIO PINNATA	9	3	9	14	13	13	61	6
4	NEMERTINEA	3	12	12	2	7	2	38	6
5	AMPELISCA ABDITA	9	2	2	4	4	3	24	6
6	ACLIS SPA			10		6	1	17	3
7	VITRINELLA FLORIDANA	1	1	9	1	2	1	15	6
8	NINOE NIGRIPES	2	4		3	3	2	14	5
9	PHOTIS MACROMANUS	1	4		6		2	13	4
10	PARAONIS GRACILIS	2	6	1	1		2	12	5
11	NOTOMASTUS CF LATERICEUS		3		3	2	3	11	4
12	SIGAMBRA TENTACULATA	2	2	2	1	2	1	10	6
13	COSSURA DELTA	2	2	1	3	2		10	5
14	PARAMPHINOME PULCHELLA		1	1	3	1	2	8	5
15	AEDICIRA BELGICAE			3			4	7	2
16	NEPHTYS INCISA	1		3		1	1	6	4
17	MAGELONA ROSEA	1	2		2	1		6	4
18	ARMANDIA MACULATA	3	2		1			6	3
19	MAGELONA PHYLLISAE	1	2	1		1		5	4
20	ARICIDEA JEFFREYSII				2	1	2	5	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS PARVAPEDATA	1	2	1				4	3
22	MAGELONA LONGICORNIS	1	2	1				4	3
23	NOTOMASTUS LATERICEUS	1				3		4	2
24	ARICIDEA TAYLORI	2				2		4	2
25	ANCISTROSYLLIS JONESI		1			2		3	2
26	PARAONIDAE	2			1			3	2
27	MINUSPIO CIRRIFERA			3				3	1
28	LISTRIELLA BARNARDI		2					2	1
29	POLYCHAETE SPA	1			1			2	2
30	POLYNOIDAE		1				1	2	2
31	VOLVULELLA TEXASIANA				1		1	2	2
32	NATICA SP	1				1		2	2
33	PINNOTHERIDAE				2			2	1
34	MINUSPIO SP				2			2	1
35	SIPUNCULA	1				1		2	2
36	SPIONIDAE	1				1		2	2
37	DIOPATRA CUPREA		2					2	1
38	OPHIUROIDEA		1	1				2	2
39	CERIANTHARIA SPA				1			1	1
40	ERIOPISA SPB		1					1	1
41	PHYLLODOCE MUCOSA				1			1	1
42	CIRRATULUS FILIFORMIS		1					1	1
43	LUMBRINERIS TENUIS			1				1	1
44	AGLAOPHAMUS VERRILLI		1					1	1
45	CIRROPHORUS LYRIFORMIS						1	1	1
46	PSEUDEURYTHOE AMBIGUA	1						1	1
47	AEDICIRA ALBATROSSAE		1					1	1
48	PLATYHELMINTHES				1			1	1
49	LUCINA AMIANTUS		1					1	1
50	THARYX MARIONI					1		1	1

TABLE 3 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NEREIDAE		1					1	1
52	NUCULANA CONCENTRICA					1		1	1
53	PRIONOSPIO CRISTATA	1						1	1
54	NEREID(NICON) SPA				1			1	1
55	STHENELAIS BOA						1	1	1
	NO. OF SPECIES	26	29	19	25	24	20		
	NO. OF INDIVIDUALS	139	189	97	114	151	109	799	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	III	55	799	3.2623	.7283	.2545

TABLE 3 CONT.'D

STATION 2 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS		2	4	4	2	2	14	5
2	THARYX MARIONI			9			1	10	2
3	COSSURA DELTA	1		1		4	4	10	4
4	MAGELONA LONGICORNIS	1	3	3			1	8	4
5	PARAMPHINOME PULCHELLA	1	1	3			3	8	4
6	MINUSPIO SP		1	2			3	6	3
7	NEMERTINEA		1	3	2			6	3
8	PARAONIDES LYRA			2	2	1		5	3
9	POLYCHAETE SPA		2			2	1	5	3
10	ARMANDIA MACULATA		1	2			1	4	3
11	LUMBRINERIS PARVAPEDATA	1	1	2				4	3
12	NUCULA PROXIMA		4					4	1
13	THYASIRA SP	2					2	4	2
14	PARAONIDAE		3	1				4	2
15	NEREID(NICON) SPA			2		2		4	2
16	SIPUNCULA			1	1		1	3	3
17	AUTOMATE EVERMANNI		1	1		1		3	3
18	SCLEROCONCHA SPA	1	1	1				3	3
19	NEPHTYS INCISA			2			1	3	2
20	SIGAMBRA TENTACULATA			2		1		3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	HETEROPHOXUS CF OCULATUS	1				1	1	3	3
22	PARAPRIONOSPIO PINNATA	2						2	1
23	GNATHIA SP						2	2	1
24	MEDIOMASTUS CALIFORNIENSIS			1				1	1
25	GLYCERA TESSELATA			1				1	1
26	NOTOMASTUS CF AMERICANUS						1	1	1
27	GONIADA TERES				1			1	1
28	GONEPLACIDAE				1			1	1
29	PHILOMEDES SPC						1	1	1
30	SYNCHELIDIUM CF AMERICANUM					1		1	1
31	ANACHIS CALLIGLYPTA		1					1	1
32	ONUPHIS SP		1					1	1
33	PITAR CORDATUS	1						1	1
34	CIRRATULID SPA	1						1	1
35	PARALACYDONIA PARADOXA					1		1	1
36	RISSOINA CANCELLATA					1		1	1
37	HETEROSPIO LONGISSIMA		1					1	1
38	NASSARIUS VIBEX	1						1	1
39	LEIOCAPITELLA GLABRA				1			1	1
40	PHILINE SAGRA					1		1	1
41	EUDORELLA MONODON			1				1	1
42	DENTALIUM SP			1				1	1
43	NOTOMASTUS CF LATERICEUS		1					1	1
44	CIRRATULIDAE					1		1	1
45	OPHIUROIDEA				1			1	1
46	AEDICIRA BELGICAE						1	1	1
47	NATICA PUSILLA			1				1	1
48	PARAONIS SPA			1				1	1
49	ALPHEUS SP			1				1	1
50	ONUPHIDAE			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PISTA CRISTATA			1				1	1
52	VOLVULELLA TEXASIANA			1				1	1
	NO. OF SPECIES	11	16	27	8	13	16		
	NO. OF INDIVIDUALS	13	25	51	13	19	26	147	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	III	52	147	5.1503	.9680	1.0000

TABLE 3 CONT.'D

STATION 3 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	2	3	1	2	2	3	13	6
2	PELECYPOD SPA		2			5	1	8	3
3	PARAPRIONOSPIO PINNATA	3	3				1	7	3
4	NEMERTINEA		1	1	3	1	1	7	5
5	NUCULANA ACUTA		2	3			1	6	3
6	DENTALIUM SOWERBYI		1	1			2	4	3
7	COSSURA DELTA		1	1	1		1	4	4
8	ALTERNOCHELATA SPA				1		2	3	2
9	GLYCERA TESSELATA	1	1			1		3	3
10	PARAONIS GRACILIS	1		1		1		3	3
11	NEPHTYIDAE		2				1	3	2
12	PARALACYDONIA PARADOXA		1			2		3	2
13	THYASIRA SP		2				1	3	2
14	PITAR CORDATUS		2	1				3	2
15	MINUSPIO CIRRIFERA				3			3	1
16	SPIOCHAETOPTERUS COSTARUM				1	1		2	2
17	SIPUNCULA	1					1	2	2
18	THARYX MARIONI		1		1			2	2
19	TYPHLAPSEUDES SPD		1				1	2	2
20	OPHELIIDAE				1		1	2	2

TABLE 3 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS PARVAPEDATA		1					1	1
22	MAGELONIDAE		1					1	1
23	RINGICULA SEMISTRIATA		1					1	1
24	ERIOPISA INCISA	1						1	1
25	NOTOMASTUS AMERICANUS		1					1	1
26	AMYGDALUM PAPYRIUM						1	1	1
27	GNATHIA SP	1						1	1
28	HYDROZOA						1	1	1
29	ONUPHIDAE					1		1	1
30	PARAMPHINOME PULCHELLA	1						1	1
31	AGLAOPHAMUS CIRCINATA						1	1	1
32	PARAONIS SPA				1			1	1
33	PARAONIDES LYRA	1						1	1
34	POLYCHAETE SPA						1	1	1
35	AEDICIRA BELGICAE	1						1	1
36	CALLIANASSA LATISPINA				1			1	1
37	AMPELISCA SPA					1		1	1
38	OPHIUROIDEA					1		1	1
39	AMPHARETIDAE					1		1	1
40	DENTALIUM SP	1						1	1
41	CARIDEA				1			1	1
42	NEPHTYS INCISA			1				1	1
43	BRISSOPSIS ALTA				1			1	1
44	MESOCHAETOPTERUS TAYLORI	1						1	1
45	TEREBELLIDES STROEMII		1					1	1
	NO. OF SPECIES	12	19	8	12	11	17		
	NO. OF INDIVIDUALS	15	28	10	17	17	21	108	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	III	45	108	4.9950	.9647	1.0222

TABLE 3 CONT.'D

STATION 4 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	216	183	94	220	241	193	1147	6
2	TELLINA SP		71	100	216	250		637	4
3	ABRA AEQUALIS	60	19	46	24	285	196	630	6
4	OWENIA FUSIFORMIS	46	7	25	102	118	156	454	6
5	TELLINA VERSICOLOR	107					310	417	2
6	THARYX ANNULOSUS	15	54	37	44	19	32	201	6
7	DENTALIUM CF EBOREUM		62	17	25	37	43	184	5
8	PITAR CORDATUS		46	41	22	40	33	182	5
9	MEDIOMASTUS CALIFORNIENSIS	16	41	6	38	25	55	181	6
10	ARMANDIA AGILIS	14	50	10	18	25	23	140	6
11	OPHIUROIDEA	8	10	16	20	26	54	134	6
12	POLYCHAETE SPA	4	5		20	31	72	132	5
13	ARICIDEA TAYLORI	24	5	29	26	31	12	127	6
14	APOPRIONOSPIO PYGMAEA	22	7	30	27	17	20	123	6
15	PRIONOSPIO CRISTATA	15	3	44	9	16	30	117	6
16	PARAONIDES LYRA	14			25	33	32	104	4
17	ANADARA TRANSVERSA	4				23	69	96	3
18	AMPELISCA AGASSIZI	15	6	4	1	21	47	94	6
19	LUCINA MULTILINEATA	4	18	17	10	9	30	88	6
20	LUMBRINERIS PARVAPEDATA	17	10	14	12	10	20	83	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ERYCINA SP		24	12	17		29	82	4
22	AGLAOPHAMUS VERRILLI	4	30	18	14		14	80	5
23	PARAONIDAE		27	4	26	1	11	69	5
24	NEMERTINEA		3	6	11	20	15	55	5
25	CORBULA CF CONTRACTA	5	2		3	20	14	44	5
26	PARAONIS GRACILIS		17	8	5	6	6	42	5
27	ARCIDAE		15	5	19			39	3
28	MAGELONA PETTIBONEAE	8	4		9		14	35	4
29	PELECYPOD SPC		6	12	9	8		35	4
30	LUCINA AMIANTUS		3	6	15	2	7	33	5
31	MUNNA SP	2	2	1	7	1	18	31	6
32	SIPUNCULA	1	3		16	11		31	4
33	TRACHYCARDIUM MURICATUM	2	2	8	4	2	10	28	6
34	ERYCINIDAE					28		28	1
35	APSEUDES SPA	4	22			2		28	3
36	ARICIDEA WASSI	3	6	9	5		4	27	5
37	DOSINIA ELEGANS	26						26	1
38	SPIOPHANES BOMBYX	9	1	3	1	4	8	26	6
39	AMPELISCA VERRILLI	4	4	5		4	6	23	5
40	HAPLOSCOLOPLOS FOLIOSUS	2	10	5		6		23	4
41	STHENELAIS BOA	1		2	5	6	8	22	5
42	THARYX MARIONI	4	1	2	8		5	20	5
43	ONUPHIDAE		3	1	7	5	3	19	5
44	AMPELISCA CF CRISTATA				8	2	9	19	3
45	LISTRIELLA BARNARDI	1	4	2	3	4	4	18	6
46	ARICIDEA JEFFREYSII		2		3	12		17	3
47	BATEA SP					16		16	1
48	PARAPRIONOSPIO PINNATA	1	4		5	4	2	16	5
49	SCOLOPLOS CAPENSIS				6		10	16	2
50	ZOANTHARIA				1	12	2	15	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CYCLASPIS VARIANS		1	1			13	15	3
52	DIOPATRA CUPREA	1	3		1	5	4	14	5
53	MINUSPIO CIRRIFERA	1				12		13	2
54	THARYX DORSOBRANCHIALIS	4		3		6		13	3
55	SYNCHELIDIUM CF AMERICANUM	1	5	4	3			13	4
56	CLYMENELLA TORQUATA	2		2	3	5		12	4
57	LUMBRINERIS TENUIS		1		2	1	8	12	4
58	AEDICIRA BELGICAE	1		3		8		12	3
59	CAULLERIELLA SPA	1		4	5	2		12	4
60	PHOTIS MACROMANUS		3	3	3		2	11	4
61	SIGAMBRA TENTACULATA		2	3	1		5	11	4
62	CIRRATULID-B				11			11	1
63	MINUSPIO CIRROBRANCHIATA						9	9	1
64	OXYUROSTYLIS SP			2	2	1	4	9	4
65	MALDANIDAE		1	4		1	2	8	4
66	ALBUNEA GIBBESII			2	3	2	1	8	4
67	NATICA PUSILLA			2			6	8	2
68	COSSURA DELTA	3	1				4	8	3
69	ARMANDIA MACULATA				8			8	1
70	AMPHARETIDAE				2	1	4	7	3
71	HARMOTHOE IMBRICATA					7		7	1
72	HYDROIDES UNCINATA	1				6		7	2
73	ANCISTROSYLLIS JONESI				2	3	1	6	3
74	AMPHARETE ACUTIFRONS				2	4		6	2
75	TEINOSTOMA BISCAYNENSE		6					6	1
76	NATICA SP		5				1	6	2
77	CADULUS CAROLINENSIS	2	1	1			2	6	4
78	SPIONIDAE		1		2	1	2	6	4
79	ORBINIIDAE				4	1		5	2
80	AGLAOPHAMUS CIRCINATA	5						5	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	PODOCEROPSIS SP				1	2	2	5	3
82	LUMBRINERIS FRAGILIS	5						5	1
83	NUCULANA ACUTA	1		1	1	1	1	5	5
84	ISOLDA PULCHELLA	1			2		2	5	3
85	ACTEON PUNCTOSTRIATUS		1	1		2	1	5	4
86	CUMELLA SP				5			5	1
87	AMPHIPOD SPA				1		3	4	2
88	PILARGIS BERKELYAE	2	1			1		4	3
89	MELANELLA CF JAMAICENSIS		3				1	4	2
90	AUTOMATE EVERMANNI					2	2	4	2
91	CHAETOZONE GAYHEADIA					4		4	1
92	STROMBIFORMIS BILINEATUS		1	3				4	2
93	SABELLIDAE		1		2	1		4	3
94	VOLVULELLA RECTA		1	1		1	1	4	4
95	AMPELISCA SPA				1		3	4	2
96	OSTRACOD SPBB			2		1	1	4	3
97	DIPLODONTA CF SOROR				1	2		3	2
98	GONIADIDAE				2	1		3	2
99	ARICIDEA CF FRAGILIS	2			1			3	2
100	LYONSIA HYALINA FLORIDANA		3					3	1
101	HARMOTHOE TRIMACULATA		3					3	1
102	SIGAMBRA BASSI					3		3	1
103	CYLICHNA BIDENTATA					2	1	3	2
104	DRILONEREIS MAGNA		1	1		1		3	3
105	LUMBRINERIS JANUARII					3		3	1
106	NUCULA PROXIMA		1	1			1	3	3
107	ONUPHIS EREMITA	1		1	1			3	3
108	PARASTEROPE SPP	1	1				1	3	3
109	DENTALIUM TEXASIANUM		1			2		3	2
110	CHAETOZONE SETOSA			3				3	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	CALLIANASSA SP			1			2	3	2
112	RUTIDERMA SPC			1	1	1		3	3
113	ASYCHIS ELONGATA				2			2	1
114	PLATYHELMINTHES				2			2	1
115	AMPELISCA ABDITA				1	1		2	2
116	PECTINARIA GOULDII		2					2	1
117	DIDEMNIDAE						2	2	1
118	SCOLOPLOS RUBRA	2						2	1
119	CANTHARUS CANCELLARIA					1	1	2	2
120	EPITONIUM MULTISTRIATUM		2					2	1
121	NEREIS SUCCINEA					2		2	1
122	PARAONIS SPA	2						2	1
123	GLYCERA CAPITATA		2					2	1
124	GLYCERA TESSELATA		2					2	1
125	TEREBELLIDAE					2		2	1
126	PHILOMEDES SPE		2					2	1
127	SCHISTOMERINGOS RUDOLPHI					1	1	2	2
128	GONEPLACIDAE					1	1	2	2
129	SARSIELLA SPO		1				1	2	2
130	ACTEOCINA CANDEI		2					2	1
131	NEPHTYS INCISA						2	2	1
132	ALBUNEIDAE		1			1		2	2
133	CAECUM PULCHELLUM						2	2	1
134	POLYODONTES LUPINA				1		1	2	2
135	MERCENARIA CAMPECHIENSIS		1			1		2	2
136	HYDROZOA			2				2	1
137	SCLEROCONCHA SPA	2						2	1
138	PHYLLODOCE MUCOSA				1	1		2	2
139	CABIRA INCERTA					2		2	1
140	CIRROPHORUS LYRIFORMIS			1	1			2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	TEREBRA PROTEXTA					1	1	2	2
142	GONIADA MACULATA						2	2	1
143	PIROMIS ERUCA					1	1	2	2
144	MALACOCEROS INDICUS	1						1	1
145	NOETIA PONDEROSA				1			1	1
146	MYSIDOPSIS BIGELOWI						1	1	1
147	LOVENELLA GRANDIS				1			1	1
148	SIGALIONIDAE						1	1	1
149	ECHINOIDEA				1			1	1
150	SERPULIDAE						1	1	1
151	OGYRIDES LIMICOLA				1			1	1
152	NOTOMASTUS AMERICANUS	1						1	1
153	SPHAEROSYLLIS CF SUBLAEVIS			1				1	1
154	NEREID(NICON) SPA		1					1	1
155	SANGUINOLARIA SANGUINOLENTA			1				1	1
156	LEPIDONOTUS SUBLEVIS						1	1	1
157	PISTA SP						1	1	1
158	PLATYISCHNOPUS SP				1			1	1
159	NETAMELITA BARNARDI	1						1	1
160	PHYLLODOCIDAE						1	1	1
161	LEUCOSIIDAE				1			1	1
162	GONIADA LITTOREA			1				1	1
163	ERIOPISA SPB					1		1	1
164	CIRRATULID SPB	1						1	1
165	EUCERAMUS PRAELONGUS					1		1	1
166	STHENELAIS SP	1						1	1
167	ASTEROPELLA SPA						1	1	1
168	CAULLERIELLA SPB					1		1	1
169	MOLPADIA ADAMANENSIS		1					1	1
170	MONOCULOIDES SPB						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
171	DENTALIUM SP					1		1	1
172	MELINNA MACULATA						1	1	1
173	DIPLODONTA SPA					1		1	1
174	ALTEUTHA CF DEPRESSA		1					1	1
175	HETEROCRYPTA GRANULATA						1	1	1
176	GONIADA NORVEGICA					1		1	1
177	BRADA SP						1	1	1
178	SARSIELLID NSPA		1					1	1
179	PHILINE SAGRA		1					1	1
180	POLYNOIDAE						1	1	1
181	LUMBRINERIDAE				1			1	1
182	CALAPPIDAE					1		1	1
183	NASSARIUS ACUTUS						1	1	1
184	ANTIGONA RUGATINA	1						1	1
185	GLYCINDE SP		1					1	1
186	CAPRELLID					1		1	1
187	PECTINARIA SP						1	1	1
188	NOTOMASTUS LATERICEUS				1			1	1
189	MEGALOMMA CF BIOCULATUM					1		1	1
190	CIRRATULID SPA						1	1	1
191	PAGURUS SP	1						1	1
192	PHORONIDA					1		1	1
193	CIRRATULIDAE						1	1	1
194	CERATOCEPHALE LOVENI			1				1	1
195	GYPTIS VITTATA				1			1	1
196	OPHIODROMUS OBSCURUS						1	1	1
197	SYLLIDAE		1					1	1
198	PALEANOTUS HETEROSETA				1			1	1
199	CAPITELLIDAE					1		1	1
200	PRIONOSPIO HETEROBRANCHIA				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
201	NOTOMASTUS HEMIPODUS					1		1	1
202	PAGURINAE						1	1	1
203	SARSIELLA CF OZOTHRIX			1				1	1
204	BRASILOMYSIS CASTROI						1	1	1
205	AMAEANA TRILOBATA		1					1	1
206	CYCLASPIS SPB						1	1	1
207	VITRINELLA FLORIDANA					1		1	1
	NO. OF SPECIES	61	81	65	87	100	101		
	NO. OF INDIVIDUALS	726	863	697	1158	1557	1751	6752	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	III	207	6752	5.1206	.9382	.2560

TABLE 3 CONT.'D

STATION 5 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ACLIS SPA		17	3		1	1	22	4
2	NEPHTYS INCISA	1	2	4	1	2	6	16	6
3	CORBULA CF CONTRACTA		4	8	2		2	16	4
4	NEMERTINEA		4	3	5		1	13	4
5	NOTOMASTUS LATERICEUS	1	3	3	5			12	4
6	EUDORELLA MONODON	1	2	2	1		3	9	5
7	MAGELONA LONGICORNIS	2	2	1	1	2		8	5
8	PARAONIS GRACILIS		2	2	2		2	8	4
9	COSSURA DELTA			1	2	1	1	5	4
10	MEDIOMASTUS CALIFORNIENSIS		2				2	4	2
11	VOLVULELLA TEXASIANA				1		3	4	2
12	VITRINELLA FLORIDANA	1	1			1		3	3
13	AMPELISCA AGASSIZI			1	2			3	2
14	NOTOMASTUS CF LATERICEUS					1	2	3	2
15	AEDICIRA BELGICAE						2	2	1
16	PARAPRIONOSPIO PINNATA		1				1	2	2
17	DRILONEREIS MAGNA					1	1	2	2
18	MINUSPIO SP						2	2	1
19	LUMBRINERIS PARVAPEDATA		1				1	2	2
20	THARYX MARIONI		1			1		2	2

TABLE 3 CONT.'D

	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARAMPHINOME PULCHELLA						1	1	1
22	ALPHEUS FLORIDANUS		1					1	1
23	VITRINELLIDAE						1	1	1
24	NATICA SP			1				1	1
25	PARAONIDAE	1						1	1
26	OPHIUROIDEA		1					1	1
27	CERIANTHARIA SPA						1	1	1
28	AGLAOPHAMUS CIRCINATA					1		1	1
29	ACTINARIA					1		1	1
30	MAGELONA ROSEA						1	1	1
31	PINNOTHERIDAE				1			1	1
32	ALPHEUS SP			1				1	1
33	SICYONIA DORSALIS	1						1	1
34	AMPELISCA VERRILLI			1				1	1
35	BRANCHIOSTOMA CARIBAEUM				1			1	1
36	NINOE NIGRIPES			1				1	1
37	GONEPLACIDAE						1	1	1
	NO. OF SPECIES	7	15	14	12	10	20		
	NO. OF INDIVIDUALS	8	44	32	24	12	35	155	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	III	37	155	4.3954	.9377	.8649

TABLE 3 CONT.'D

STATION 6 TRANSECT III PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SANGUINOLARIA SANGUINOLENTA	35						35	1
2	PARAONIS GRACILIS	4	3	2	1	2	1	13	6
3	SIGAMBRA TENTACULATA	3	1	1		4	1	10	5
4	PELECYPOD SPA	1				3	6	10	3
5	SIPUNCULA	7		1		1		9	3
6	OSTRACOD SPAA	4	2				1	7	3
7	COSSURA DELTA	2	1	1	1		2	7	5
8	DENTALIUM SOWERBYI	5		1		1		7	3
9	NEMERTINEA					5	1	6	2
10	SCLEROCONCHA SPA	3				1	1	5	3
11	PITAR CORDATUS			1	2	2		5	3
12	NUCULANA ACUTA	3	1				1	5	3
13	PHILOMEDES SPA	2		1		2		5	3
14	CYCLOCARDIA ARMILLA			1	2		1	4	3
15	SPIONIDAE	2				2		4	2
16	NINOE NIGRIPES	2	1			1		4	3
17	ALTERNOCHELATA SPA	1	1				2	4	3
18	PARAPRIONOSPIO PINNATA		1			3		4	2
19	XENANTHURA BREVITELSON		1			1	1	3	3
20	PARAONIS SPA	1					2	3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARALACYDONIA PARADOXA			2		1		3	2
22	LEPTOCHELIA SP	3						3	1
23	PARADNIDES LYRA	1	1					2	2
24	SIGAMBRA SP			1	1			2	2
25	ACLIS SPA	2						2	1
26	SARSIELLA SPB	1				1		2	2
27	STERNASPIS SCUTATA	1		1				2	2
28	THYASIRA SP	1						1	1
29	SCUTOPUS SPA				1			1	1
30	CHAETODERMA SPA	1						1	1
31	MEDIOMASTUS CALIFORNIENSIS			1				1	1
32	HYBLIS CF GAIMARDI	1						1	1
33	POLYCHAETA			1				1	1
34	RINGICULA SEMISTRIATA		1					1	1
35	OPHIUROIDEA					1		1	1
36	CALLIANASSA ATLANTICA					1		1	1
37	CAPITELLA CAPITATA	1						1	1
38	LUMBRINERIS PARVAPEDATA	1						1	1
39	NEBALIA SP		1					1	1
40	EPITONIUM SP		1					1	1
41	YOLDIA SOLENOIDES	1						1	1
42	THARYX ANNULOSUS		1					1	1
43	BRISSOPSIS ALTA	1						1	1
44	NOTOMASTUS AMERICANUS		1					1	1
45	CIRRATULIDAE				1			1	1
46	NEPHTYS INCISA					1		1	1
47	AMYGDALUM PAPYRIUM				1			1	1
48	OWENIA FUSIFORMIS		1					1	1
49	PARASTEROPE SPP		1					1	1
50	SPIOPHANES WIGLEYI	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	LUMBRINERIDAE		1					1	1
	NO. OF SPECIES	28	18	13	8	18	12		
	NO. OF INDIVIDUALS	91	21	15	10	33	20	190	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	III	51	190	4.8805	.9463	.8824

TABLE 3 CONT.'D

STATION 1 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THARYX ANNULOSUS	7	18	16	7	29	34	111	6
2	PRIONOSPIO STEENSTRUPI	22	30	32	2		23	109	5
3	LUMBRINERIS PARVAPEDATA	17	23	16	17	12	20	105	6
4	NEREID(NICON) SPA	9	7	11	7	25	9	68	6
5	SIPUNCULA		20	24		17	1	62	4
6	MAGELONA PHYLLISAE	11	9	14	6	4	9	53	6
7	SPIONIDAE	6	15	3	6	10	9	49	6
8	NEMERTINEA	10		11		4	22	47	4
9	MAGELONA PETTIBONEAE	2	12	13	2	7	4	40	6
10	MINUSPIO CIRRIFERA	2	1	14	1	13	9	40	6
11	CERATOCEPHALE LOVENI	7	9	7	7		8	38	5
12	PARAONIDES LYRA	4	12	10	5		3	34	5
13	MEDIOMASTUS CALIFORNIENSIS		13	4	3	1	12	33	5
14	PARAPRIONOSPIO PINNATA	2	5	8	9		9	33	5
15	THARYX MARIONI	6	10	2	5	8	1	32	6
16	ARICIDEA TAYLORI	1	9	9	1		9	29	5
17	CORBULA CF CONTRACTA	13	1	4	2			20	4
18	THARYX DORSOBRANCHIALIS			4	2	13		19	3
19	PARAONIS GRACILIS	4	3	2	2	6	2	19	6
20	PARAONIDAE	1			1	14	1	17	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SERPULA VERMICULARIS	3	5	6		1		15	4
22	EXOGONE DISPAR	3	7	1	1		2	14	5
23	FINELLA DUBIA	3				11		14	2
24	NOTOMASTUS HEMIPODUS	4	1	1	4		4	14	5
25	SCLEROCONCHA SPA	2		5	3	3		13	4
26	SERPULIDAE	3	3	1		3	2	12	5
27	PRIONOSPIO CRISTATA	1		5	2		4	12	4
28	THARYX SPB	1	11					12	2
29	MAGELONA ROSEA		6		3		2	11	3
30	NOTOMASTUS LATERICEUS		2			9		11	2
31	CIRRATULIDAE		1			10		11	2
32	NOTOMASTUS CF LATERICEUS	3		4			4	11	3
33	LUCINA AMIANTUS	3	4	2	1	1		11	5
34	PRIONOSPIO SP				6		5	11	2
35	POLYCHAETE SPA	1		4	3	1	2	11	5
36	OWENIA FUSIFORMIS	4	2	3	1			10	4
37	GONEPLACIDAE	1	1	2	1	5		10	5
38	DIOPAIRA CUPREA			4	2	2	2	10	4
39	PITAR CORDATUS			1	6	3		10	3
40	AMPELISCA VERRILLI	1	2	1	5	1		10	5
41	ERYCINA SP	4		5				9	2
42	COSSURA DELTA	1	3	1	1		3	9	5
43	DRILONEREIS MAGNA	1	3		3	2		9	4
44	AMPHARETIDAE		1	5	1		1	8	4
45	AEDICIRA BELGICAE	1	4	2			1	8	4
46	TELLINA SP	4	1	3				8	3
47	AMPHARETE ACUTIFRONS	2	2		1		2	7	4
48	LUMBRINERIS ALBIDENTATA		3	1	2	1		7	4
49	NUCULA PROXIMA	2	2		2	1		7	4
50	CLYMENELLA TORQUATA	1	2			2	2	7	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AMPELISCA CF CRISTATA	1	2	4				7	3
52	LUMBRINERIS TENUIS	1	1	1	2	1	1	7	6
53	MALDANIDAE		3	1			2	6	3
54	PARAONIS SPA		1			5		6	2
55	UNCIOLA SERRATA			3	3			6	2
56	AMPELISCA AGASSIZI	3		2	1			6	3
57	LYONSIA HYALINA FLORIDANA	3	1	1		1		6	4
58	ARICIDEA JEFFREYSII			1			5	6	2
59	ABRA AEQUALIS		5					5	1
60	MINUSPIO SP						5	5	1
61	STHENELAIS BOA	3	1				1	5	3
62	OPHIUROIDEA		1	2	1	1		5	4
63	THARYX SP	5						5	1
64	MAGELONA LONGICORNIS			2	3			5	2
65	CAPITELLIDAE			2		3		5	2
66	NATICA SP	1		1		3		5	3
67	GLYCERA CAPITATA			1	3		1	5	3
68	PHOTIS MACROMANUS				1	3		4	2
69	ANADARA TRANSVERSA					4		4	1
70	ARCA SP	3	1					4	2
71	HYDROIDES PROTULICOLA	2	2					4	2
72	AMPELISCA ABDITA	2		1		1		4	3
73	AMPELISCA SPA	2			1			3	2
74	CIRRATULID-B		2				1	3	2
75	GONIADA TERES		1		2			3	2
76	SABELLARIA GRACILIS	2	1					3	2
77	ONUPHIDAE	1		1		1		3	3
78	NUCULANA ACUTA	1		1		1		3	3
79	NEREIS LAMELLOSA	1	1				1	3	3
80	POECILOCHAETUS JOHNSONI		1		2			3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	ARCIDAE			3				3	1
82	PALEANOTUS HETEROSETA			2		1		3	2
83	PHILOMEDES SPE				1	1		2	2
84	GLYCERA AMERICANA					2		2	1
85	HARMOTHOE IMBRICATA		1	1				2	2
86	SCOLELEPIS TEXANA	2						2	1
87	TEREBELLIDES STROEMII		1		1			2	2
88	MELINNA MACULATA		1		1			2	2
89	ACTINARIA	2						2	1
90	SYLLIDAE					2		2	1
91	NEPHTYS PICTA			2				2	1
92	FLABELLIGERIDAE			2				2	1
93	OXYUROSTYLIS SP	1		1				2	2
94	VITRINELLA FLORIDANA			2				2	1
95	PHILINE SAGRA	1			1			2	2
96	CABIRA INCERTA			1	1			2	2
97	ONUPHIS MAGNA				2			2	1
98	GYPTIS VITTATA				2			2	1
99	CRASSINELLA LUNULATA				1	1		2	2
100	AMPHARETE AMERICANA				1			1	1
101	CHAETOZONE GAYHEADIA	1						1	1
102	OSTRACOD SPY					1		1	1
103	PILARGIS BERKELYAE						1	1	1
104	PARASTEROPE SPP					1		1	1
105	PAGURINAE		1					1	1
106	SARSIELLA SPC					1		1	1
107	DIPLODONTA CF SOROR					1		1	1
108	NEPHTYS INCISA				1			1	1
109	ARABELLA IRICOLOR			1				1	1
110	PRIONOSPIO HETEROBRANCHIA					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	CAULLERIELLA SPB				1			1	1
112	ANCISTROSYLLIS PAPILLOSA						1	1	1
113	ARICIDEA SUECICA						1	1	1
114	ARICIDEA WASSI				1			1	1
115	STHENELAIS SP			1				1	1
116	SABELLIDAE				1			1	1
117	ARICIDEA CF FRAGILIS	1						1	1
118	ASYCHIS ELONGATA		1					1	1
119	CIRROPHORUS LYRIFORMIS						1	1	1
120	NEREIS SUCCINEA			1				1	1
121	HYDROIDES UNCINATA			1				1	1
122	ACTEOCINA CANDEI		1					1	1
123	VOLVULELLA RECTA	1						1	1
124	SYNCHELIDIUM CF AMERICANUM			1				1	1
125	SPIOPHANES BOMBYX		1					1	1
126	CAECUM PULCHELLUM					1		1	1
127	GONIADA NORVEGICA			1				1	1
128	LOVENELLA GRANDIS			1				1	1
129	SIGAMBRA TENTACULATA		1					1	1
130	CAPRELLID			1				1	1
131	NOTOMASTUS AMERICANUS						1	1	1
132	LUCINA MULTILINEATA	1						1	1
133	SPIOCHAETOPTERUS COSTARUM		1					1	1
134	PELECYPOD SPB		1					1	1
135	SPIOPHANES WIGLEYI						1	1	1
136	SCHISTOMERINGOS RUDOLPHI						1	1	1
137	LUMBRINERIS LATREILLI						1	1	1
138	GLYCERA TESSELATA		1					1	1
139	GONIADA LITTOREA		1					1	1
140	SARSIELLA SPE				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	AGLAOPHAMUS CIRCINATA		1					1	1
142	PHORONIDA	1						1	1
143	ANOMIA SIMPLEX					1		1	1
144	ZOANTHARIA				1			1	1
145	CLYTIA LONGICYATHA				1			1	1
146	SANGUINOLARIA SANGUINOLENTA			1				1	1
147	SPIOPHANES LONGICIRRUS						1	1	1
148	GONEPLAX SP				1			1	1
149	BRYOZOA				1			1	1
150	CYCLASPIS SPA			1				1	1
151	CAULLERIELLA CAPENSIS						1	1	1
152	CUMACEAN SPI			1				1	1
153	AMPHICTEIS GUNNERI						1	1	1
	NO. OF SPECIES	63	66	73	65	53	51		
	NO. OF INDIVIDUALS	215	300	310	172	257	249	1503	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	IV	153	1503	5.9115	.9712	.6013

TABLE 3 CONT.'D

STATION 2 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS		16	47		2	4	69	4
2	AEDICIRA BELGICAE		4	7		10		21	3
3	PARAONIDAE				6		12	18	2
4	COSSURA DELTA		2	3	2	6	4	17	5
5	MAGELONA LONGICORNIS	2	2	2	5	4	2	17	6
6	PARAONIS GRACILIS		3	3	1	3	6	16	5
7	NUCULA PROXIMA		4	6			2	12	3
8	NEPHTYS INCISA	2		5		2	1	10	4
9	NEMERTINEA	2		3	2	2	1	10	5
10	THARYX MARIONI	4	1	1			2	8	4
11	SPIONIDAE		4		2	1		7	3
12	KALLIAPSEUDES SPA		3		3	1		7	3
13	SIPUNCULA		1	1	2	3		7	4
14	AMPELISCA AGASSIZI		1		2		3	6	3
15	NOTOMASTUS CF LATERICEUS		3	2	1			6	3
16	THYASIRA SP					6		6	1
17	POLYCHAETE SPA	1	1	1	2		1	6	5
18	LUMBRINERIS PARVAPEDATA		1	1	1	3		6	4
19	SCLEROCONCHA SPA			5		1		6	2
20	PARAMPHINOME PULCHELLA	1	1	1	1	1	1	6	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GONIADA NORVEGICA	1	1	2	1	1		6	5
22	MALDANIDAE	2	1			2		5	3
23	THARYX ANNULOSUS					5		5	1
24	CORBULA CF CONTRACTA			3		2		5	2
25	SIGAMBRA TENTACULATA			1		2	2	5	3
26	PARAPRIONOSPIO PINNATA		1		1	3		5	3
27	MARPHYSA SPA	2	1	1				4	3
28	MEDIOMASTUS CALIFORNIENSIS		1				2	3	2
29	ARICIDEA SUECICA						3	3	1
30	SPIOPHANES LONGICIRRUS					3		3	1
31	GONIADIDAE	2		1				3	2
32	NUCULANA ACUTA		1			1	1	3	3
33	PHOTID SPA		3					3	1
34	CAECUM GLABRUM		3					3	1
35	PARAONIS SPA			2			1	3	2
36	PSEUDEURYTHOE AMBIGUA		2				1	3	2
37	CERATONEREIS IRRITABILIS			2	1			3	2
38	ASYCHIS ELONGATA			1			2	3	2
39	PARAONIDES LYRA						3	3	1
40	RUTIDERMA SPB		2	1				3	2
41	ANTHURID SPD		1		2			3	2
42	AMPHARETIDAE			1		1		2	2
43	OPHIUROIDEA		1				1	2	2
44	ARICIDEA TAYLORI				1	1		2	2
45	AMPELISCA SPA						2	2	1
46	ARABELLA IRICOLOR	1	1					2	2
47	ARICIDEA WASSI					2		2	1
48	UNCIOLA SERRATA					2		2	1
49	NOTOMASTUS LATERICEUS					2		2	1
50	ABRA AEQUALIS					2		2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	GONEPLACIDAE						2	2	1
52	EUDORELLA MONODON			2				2	1
53	PECTINIDAE		2					2	1
54	GONIADA TERES			1			1	2	2
55	CIRROPHORUS LYRIFORMIS		2					2	1
56	LUMBRINERIS ALBIDENTATA			1			1	2	2
57	LEIOLAMBRUS NITIDUS			1		1		2	2
58	SCOLELEPIS TEXANA		1			1		2	2
59	ONUPHIS SPA				1			1	1
60	PALEANOTUS HETEROSETA					1		1	1
61	CALYPTOBLASTEA		1					1	1
62	CALLIANASSA SP				1			1	1
63	HETEROPHOXUS CF OCULATUS			1				1	1
64	SCLEROCONCHA SPB			1				1	1
65	MEGALOMMA CF BIOCULATUM					1		1	1
66	SQUILLA CHYDAEA		1					1	1
67	PAGURINAE					1		1	1
68	STROMBIFORMIS BILINEATUS						1	1	1
69	CERATOCEPHALE LOVENI					1		1	1
70	CLYMENELLA TORQUATA						1	1	1
71	EXOGONE VERUGERA						1	1	1
72	LYONSIA HYALINA FLORIDANA						1	1	1
73	AMPHINOMIDAE				1			1	1
74	ACARINA			1				1	1
75	MINUSPIO SP						1	1	1
76	ORBINIIDAE						1	1	1
77	SARSIELLID NSPC			1				1	1
78	AUTOMATE EVERMANNI						1	1	1
79	MARPHYSA SP				1			1	1
80	ANTHURID SPA	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	MINUSPIO CIRRIFERA			1				1	1
82	LUMBRINERIS TENUIS				1			1	1
83	OSTRACOD SPD		1					1	1
84	ALPHEIDAE		1					1	1
85	ONUPHIS MAGNA		1					1	1
86	AMPELISCA VERRILLI				1			1	1
87	PHYLLODOCE MUCOSA						1	1	1
88	DIOPATRA CUPREA				1			1	1
89	ASTHENOTHAERUS CF HEMPHILLI			1				1	1
90	SANGUINOLARIA SANGUINOLENTA			1				1	1
91	NINOE NIGRIPES			1				1	1
92	ONUPHIDAE	1						1	1
93	CAPITELLIDAE		1					1	1
94	VOLVULELLA RECTA			1				1	1
95	HETEROSPIO LONGISSIMA					1		1	1
96	LUMBRINERIS LATREILLI						1	1	1
97	PYRUNCULUS CAELATUS			1				1	1
98	ONUPHIS PALLIDULA			1				1	1
99	NEREIS SPA					1		1	1
100	AMAEANA TRILOBATA					1		1	1
	NO. OF SPECIES	13	37	40	25	37	34		
	NO. OF INDIVIDUALS	22	77	119	43	83	70	414	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	IV	100	414	5.6234	.9581	.7500

TABLE 3 CONT.'D

STATION 3 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	2		4	5	4	7	22	5
2	SIPUNCULA			7	1	3	4	15	4
3	ALTERNOCHELATA SPA	1	1	5	1	1		9	5
4	CORBULA CF CONTRACTA	8						8	1
5	DENTALIUM SOWERBYI	1		4		1	2	8	4
6	PARADNIS GRACILIS	4	1		1		1	7	4
7	GLYCERA TESSELATA	3		1	2		1	7	4
8	PARALACYDONIA PARADOXA	1		2	4			7	3
9	PITAR CORDATUS	1		2	3			6	3
10	STERNASPIS SCUTATA	3		2			1	6	3
11	OPHIUROIDEA	5		1				6	2
12	PARAPRIONOSPIO PINNATA			1	4	1		6	3
13	PELECYPOD SPA	1		1	3			5	3
14	FINELLA DUBIA	5						5	1
15	ACLIS SPA	3			1		1	5	3
16	THARYX ANNULOSUS	4						4	1
17	ONUPHIDAE	1		2			1	4	3
18	NEMERTINEA		3		1			4	2
19	NATICA SP	4						4	1
20	COSSURA DELTA		1	1		1	1	4	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AMPELISCA VERRILLI	2		1		1		4	3
22	SPIOCHAETOPTERUS COSTARUM	1	1	1		1		4	4
23	NOTOMASTUS CF LATERICEUS			1	2			3	2
24	ANADARA TRANSVERSA	3						3	1
25	PARAONIDAE	2				1		3	2
26	PARAMPHINOME PULCHELLA	3						3	1
27	POLYCHAETE SPA	2			1			3	2
28	NUCULA PROXIMA	3						3	1
29	NUCULANA ACUTA	3						3	1
30	SCUTOPUS SPA			2	1			3	2
31	PARAONIDES LYRA	2						2	1
32	NINOE NIGRIPES	1		1				2	2
33	AUTOMATE EVERMANNI	2						2	1
34	SPIONIDAE					2		2	1
35	GNATHIA SP	2						2	1
36	AMPELISCA CF CRISTATA	2						2	1
37	APSEUDES SPA					2		2	1
38	HOLOTHUROIDEA	1		1				2	2
39	NEPHTYIDAE					2		2	1
40	OPHELIIDAE	1		1				2	2
41	NEPHTYS INCISA			1	1			2	2
42	CIRROPHORUS BRANCHIATUS			1		1		2	2
43	AGLAOPHAMUS CIRCINATA	2						2	1
44	GONIADA MACULATA	1						1	1
45	SCLEROCONCHA SPA	1						1	1
46	SAMYTHELLA ELIASONI				1			1	1
47	EUCHONE ROSEA				1			1	1
48	SARSIELLA SPC				1			1	1
49	BATEA SP	1						1	1
50	PELECYPOD SPC	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SYNCHELIDIUM CF AMERICANUM	1						1	1
52	RANINOIDES LAMARCKI				1			1	1
53	SOLEMYA SPA						1	1	1
54	BRYOZOA	1						1	1
55	PARAONIS SPA						1	1	1
56	ASTHENOTHAERUS CF HEMPHILLI	1						1	1
57	ARMANDIA MACULATA						1	1	1
58	GLYCERIDAE					1		1	1
59	SANGUINOLARIA SANGUINOLENTA					1		1	1
60	NOTOMASTUS CF AMERICANUS	1						1	1
61	CHASMOCARCINUS MISSISSIPPIENSIS					1		1	1
62	VOLVULELLA TEXASIANA	1						1	1
63	ARICIDEA JEFFREYSII				1			1	1
64	TROCHOCHAETA MULTISETOSA		1					1	1
65	CHAETODERMA SPA		1					1	1
66	PHILINE SAGRA		1					1	1
67	THYASIRA SP					1		1	1
68	THARYX FILIBRANCHIA			1				1	1
69	AGLAOPHAMUS INERMIS			1				1	1
70	RETUSIDAE				1			1	1
71	CF EPIDIOPATRA SP	1						1	1
72	ALPHEUS CF AMBLYONYX	1						1	1
73	PELOSCOLEX SP			1				1	1
74	RUTIDERMA SPA				1			1	1
75	PECTINARIIDAE			1				1	1
76	LUMBRINERIS PARVAPEDATA		1					1	1
77	ONUPHIS SPA	1						1	1
78	PELOSCOLEX CF APECTINATUS		1					1	1
79	BYBLIS CF GAIMARDI			1				1	1
80	MUNIDA SP	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	MALDANIDAE	1						1	1
82	CLYMENELLA TORQUATA		1					1	1
83	SOLENOCERA VIOSCAT		1					1	1
84	MAGELONA ROSEA				1			1	1
85	GYPTIS VITTATA		1					1	1
	NO. OF SPECIES	46	13	26	22	12	19		
	NO. OF INDIVIDUALS	93	15	47	38	17	32	242	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	IV	85	242	5.8248	.9774	1.0000

TABLE 3 CONT.'D

STATION 4 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	79	50	84	70	55	63	401	6
2	MEDIOMASTUS CALIFORNIENSIS	17	32	7	57	66	33	212	6
3	CORBULA CF CONTRACTA	53	43	7	22	18	16	159	6
4	ONENIA FUSIFORMIS	2	22	4	13	80		121	5
5	PRIONOSPIO CRISTATA	25	8	4	59	20		116	5
6	ARCIDAE	27		2	22	29	26	106	5
7	CERATOCEPHALE LOVENI	13	14	48	15	13		103	5
8	MAGELONA PETTIBONEAE	15	15	25	16	20	5	96	6
9	ABRA AEQUALIS	23	9		43	14		89	4
10	CLYMENELLA TORQUATA	8	7	8	32	32		87	5
11	PARAONIDES LYRA	6	29	3	35	12		85	5
12	SIPUNCULA	15		17	33	1	9	75	5
13	OPHIUROIDEA	10	4	11	5	29	12	71	6
14	PARAPRIONOSPIO PINNATA	5	35	6	10	8	6	70	6
15	LUMBRINERIS PARVAPEDATA	9	8	16	18	10	7	68	6
16	APOPRIONOSPIO PYGMAEA	5	20	18	13	8		64	5
17	NEREID(NICON) SPA			18	10	18	14	60	4
18	NEMERTINEA		10		33	3	12	58	4
19	TELLINA SP	15		6	20	15		56	4
20	TELLINA VERSICOLOR		37		7		11	55	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIONIDAE	10	8		1	12	20	51	5
22	ARICIDEA TAYLORI	4	11	9	8	14	4	50	6
23	ERYCINA SP	5	11	4	10	6	13	49	6
24	PARAONIS GRACILIS	4	5	9	14	5	11	48	6
25	ZOANTHARIA	6	18	3	1	10	6	44	6
26	PITAR CORDATUS	5	6	6	10	11	6	44	6
27	PIROMIS ERUCA	9			6	24		39	3
28	MINUSPIO CIRRIFERA		3		2	2	31	38	4
29	LUCINA MULTILINEATA		8	6	12	1	7	34	5
30	AMPHARETE ACUTIFRONS	3	1		10	15	4	33	5
31	VENERIDAE	8			10	15		33	3
32	DIOPATRA CUPREA	9	2		5	11	6	33	5
33	RUTIDERMA SPB	2	7	6	4	9	4	32	6
34	DENTALIUM CF EBOREUM	8	4		5	14		31	4
35	PELECYPOD SPC	3	3	1	6	7	6	26	6
36	PARAONIDAE	2	1	15	6			24	4
37	SERPULA VERMICULARIS	7			2	10	2	21	4
38	POLYCHAETE SPA	2	4	1	2	12		21	5
39	CAPRELLID		2		6	2	10	20	4
40	SPIOPHANES BOMBYX	2	2	13	2			19	4
41	NEREIS SPA	18						18	1
42	MYTILIDAE	2		4	2	5	5	18	5
43	GONIADA NORVEGICA		8	7	2			17	3
44	ARMANDIA AGILIS	3	3				10	16	3
45	XENANTHURA BREVITELSON		4	8	1	2		15	4
46	AMPHARETIDAE		1	1	4	9		15	4
47	SERPULIDAE	3			5	6		14	3
48	SCLEROCONCHA SPA	1		4	1	2	6	14	5
49	PRIONOSPIO STEENSTRUPI	1			2	1	10	14	4
50	PALEANOTUS HETEROSETA		5	1	3	3	2	14	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	ANADARA TRANSVERSA	2	4		8			14	3
52	ARICIDEA JEFFREYSII	4	5	1	2	1	1	14	6
53	ONUPHIDAE	1	1	2	1	7		12	5
54	ISOLDA PULCHELLA				8	4		12	2
55	AMPHARETE AMERICANA		1		2		9	12	3
56	NOTOMASTUS HEMIPODUS	2	1		3	5		11	4
57	LUMBRINERIS TENUIS	2	1	2	4		2	11	5
58	GLYCERA TESSELATA		2	5			4	11	3
59	PISTA PALMATA	9				1		10	2
60	THARYX MARIONI	1	1	1	3	2	2	10	6
61	SANGUINOLARIA SANGUINOLENTA	1	5	1		2	1	10	5
62	PODOCEROPSIS SP				7	3		10	2
63	HYDROIDES PROTULICOLA	2	1		3	3	1	10	5
64	LYONSIA HYALINA FLORIDANA	1		1	2	4	1	9	5
65	MELINNA CF MONOCEROIDES	2			2	5		9	3
66	GYPTIS VITTATA	2	2	2	1	2		9	5
67	RUTIDERMA SPC				5	1	3	9	3
68	GONIADIDAE	2		6	1			9	3
69	AMPELISCA VERRILLI	1	1	2	2	3		9	5
70	NEPHTYS INCISA						9	9	1
71	CYCLASPIS VARIANS	2	2	3	1	1		9	5
72	THARYX ANNULOSUS		1		2	5		8	3
73	TRACHYCARDIUM MURICATUM	1		2		4	1	8	4
74	NEREIS LAMELLOSA	2			4	2		8	3
75	AEDICIRA BELGICAF			1	2	5		8	3
76	SIGAMBRA TENTACULATA	1	2		3	2		8	4
77	MAGELONA ROSEA	2		1	3	2		8	4
78	AGLAOPHAMUS CIRCINATA			4	2	1		7	3
79	LUCINA AMIANTUS			1	3	1	2	7	4
80	ARICIDEA WASSI	2			1	4		7	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	GONEPLACIDAE	2	2			2	1	7	4
82	ASYCHIS ELONGATA		1		1	4		6	3
83	ERICHTHONIAS BRASILIENSIS	3			3			6	2
84	NATICA SP			3	1	2		6	3
85	PHORONIDA			2	1	2	1	6	4
86	PHILOMEDES SPE	1	2	1			2	6	4
87	STHENELAIS BOA				3	3		6	2
88	PECTINARIA GOULDII				1	2	3	6	3
89	DENTALIUM SP						5	5	1
90	AGLAOPHAMUS VERRILLI			2	2	1		5	3
91	TEREBELLIDAE	1			1	3		5	3
92	CF EPIDIOPATRA SP	2			3			5	2
93	ARMANDIA MACULATA	1			1	3		5	3
94	OXYUROSTYLIS SP	1	2	1		1		5	4
95	NEPHTYS BUCERA					5		5	1
96	PARASTEROPE SPP		2		3			5	2
97	AUTOMATE EVERMANNI		1		4			5	2
98	BRANCHIOSTOMA CARIBAEUM			2	2			4	2
99	SCOLOPLOS RUBRA	2			1	1		4	3
100	MUNNA SP	1			3			4	2
101	NASSARIIDAE				4			4	1
102	GLYCERA AMERICANA				3	1		4	2
103	SPIOPHANES LONGICIRRUS				1	3		4	2
104	POLYNOIDAE				1		3	4	2
105	OSTRACOD SPBB				1	2	1	4	3
106	SIGALIONIDAE					3	1	4	2
107	PIROMIS ARENOSUS		4					4	1
108	SYNCHELIDIUM CF AMERICANUM		4					4	1
109	SAMYTHELLA ELIASONI		3			1		4	2
110	SABELLIDAE						4	4	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	ASTEROPELLA SPA	2		1	1			4	3
112	PHOTIS MACROMANUS				1	3		4	2
113	NUCULANA ACUTA	1		2				3	2
114	REPTANTIA			1		2		3	2
115	PISTA CRISTATA					3		3	1
116	CERIANTHARIA SPA	1		1	1			3	3
117	COROPHIOID SPA	3						3	1
118	EXOGONE DISPAR				1	2		3	2
119	ACTINARIA SPA	1		1			1	3	3
120	EUCERAMUS PRAFLONGUS	1		1	1			3	3
121	PHYLLODOCE MUCOSA	1			1	1		3	3
122	AMPHIPOD SPA				1	2		3	2
123	SERPULA SP						3	3	1
124	GLYCERA CAPITATA					3		3	1
125	PARAONIS SPA	2					1	3	2
126	MONOCULOIDES SPB		2		1			3	2
127	RUTIDERMA SPD	2				1		3	2
128	CABIRA INCERTA		1		1	1		3	3
129	MALACOCEROS SP	1		1				2	2
130	MALDANIDAE			2				2	1
131	NEMATONEREIS UNICORNIS		1			1		2	2
132	MEGALOMMA CF QUADRIOCULATUM				1	1		2	2
133	EPITONIIDAE			1		1		2	2
134	CRASSINELLA LUNULATA	1			1			2	2
135	LUMBRINERIDAE			2				2	1
136	ONUPHIS EREMITA						2	2	1
137	PSEUDEURYTHOE AMBIGUA				1	1		2	2
138	NEPHTYIDAE	1			1			2	2
139	DRILONEREIS MAGNA			1			1	2	2
140	MELINNA MACULATA	1				1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	AMPHICTEIS GUNNERI	1		1				2	2
142	GLYCERA SPB				1	1		2	2
143	VITRINELLA FLORIDANA					2		2	1
144	AGLAOPHAMUS INERMIS	2						2	1
145	MAGELONA LONGICORNIS						2	2	1
146	ONUPHIS MAGNA		1		1			2	2
147	OSTRACOD SPCC		2					2	1
148	UPOGEBIA AFFINIS	1			1			2	2
149	BATEA SP	2						2	1
150	UNCIOLA SERRATA	1		1				2	2
151	PAGURUS BULLISI						2	2	1
152	AMPELISCA AGASSIZI		2					2	1
153	TEREBELLIDES STROEMII		1			1		2	2
154	LUMBRINERIS FRAGILIS					2		2	1
155	SARSIELLA SPB						2	2	1
156	PHILINE SAGRA	1			1			2	2
157	SYLLIDAE		1					1	1
158	CANTHARUS CANCELLARIA					1		1	1
159	PECTINARIA SP			1				1	1
160	NOTOMASTUS CF LATERICEUS			1				1	1
161	PINNIXA SAYANA				1			1	1
162	CLYTIA LONGICYATHA					1		1	1
163	CADULUS CAROLINENSIS					1		1	1
164	SCHISTOMERINGOS RUDOLPHI			1				1	1
165	PLATYISCHNOPUS SP		1					1	1
166	PROCESSIDAE		1					1	1
167	STROMBIFORMIS BILINEATUS			1				1	1
168	LEPTOCHELA SERRATORBITA					1		1	1
169	SARSIELLA SPF	1						1	1
170	ORIOPSIS SP				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
171	CAECUM PULCHELLUM				1			1	1
172	PLATYHELMINTHES		1					1	1
173	AMPHARETID SPA			1				1	1
174	LISTRIELLA BARNARDI				1			1	1
175	ONUPHIS NEBULOSA				1			1	1
176	CIRRATULIDAE			1				1	1
177	ACTEOCINA CANDEI					1		1	1
178	MALACOCEROS VANDERHORSTI				1			1	1
179	MEGALOMMA CF BIOCULATUM				1			1	1
180	CALLIANASSA SP				1			1	1
181	GRUBEULEPIS SP					1		1	1
182	MAJIDAE						1	1	1
183	AMPELISCA CF CRISTATA					1		1	1
184	LAONICE CIRRATA			1				1	1
185	PARAMPHINOME PULCHELLA		1					1	1
186	SARSIELLA SPG				1			1	1
187	MELANELLA ARCUATA						1	1	1
188	SOLEN VIRIDIS			1				1	1
189	RANINOIDES LOEVIS			1				1	1
190	DIPLODONTA CF SOROR	1						1	1
191	FINELLA DUBIA		1					1	1
192	PAGURIDAE					1		1	1
193	NOTOMASTUS LOBATUS		1					1	1
194	NEPHTYS PICTA					1		1	1
195	PILARGIS BERKELYAE			1				1	1
196	LEPIDASTHENIA MACULATA		1					1	1
197	PARAMETOPELLA TEXENSIS					1		1	1
198	ARICIDEA CF FRAGILIS		1					1	1
199	CALLIANASSA ATLANTICA		1					1	1
200	HARMOTHOE TRIMACULATA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
201	PINNOTHERIDAE						1	1	1
202	PERSEPHONA SP	1						1	1
203	AGLAOPHAMUS SP		1					1	1
204	EUDENDRIUM COCHLEATUM						1	1	1
205	CARIDEA	1						1	1
206	HAPLOSCOLOPLOS FOLIOSUS		1					1	1
207	PROCESSA SP	1						1	1
208	CAULLERIELLA SPB					1		1	1
209	GLYCERA PAPILLOSA	1						1	1
210	MALACOCEROS INDICUS						1	1	1
211	NOTOMASTUS AMERICANUS		1					1	1
212	MARPHYSA DEPRESSA				1			1	1
213	NEREIS SP	1						1	1
214	PHYLLODOCIDAE			1				1	1
215	OSTRACOD SPY				1			1	1
216	LEPIDONOTUS CF VARIABILIS					1		1	1
217	COSSURA DELTA						1	1	1
218	PAGURINAE				1			1	1
219	ONUPHIS SPF					1		1	1
220	NUDIBRANCH SPB	1						1	1
221	POLYCHAETA			1				1	1
222	CUMACEAN SPI	1						1	1
223	AMPELISCA SPA		1					1	1
224	THARYX SPB					1		1	1
225	CYCLASPIS SPB			1				1	1
226	OSACHILA SP						1	1	1
227	PYTHINELLA CUNEATA				1			1	1
228	ACTINARIA						1	1	1
229	SARSIELLID NSPA			1				1	1
230	NOTOMASTUS LATERICEUS						1	1	1
	NO. OF SPECIES	97	84	83	123	117	69		
	NO. OF INDIVIDUALS	535	536	458	820	811	457	3617	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	IV	230	3617	6.1072	.9710	.4565

TABLE 3 CONT.'D

STATION 5 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MEDIOMASTUS CALIFORNIENSIS	4	19	5	11	9	12	60	6
2	THARYX ANNULOSUS	4	5	5	10	21	7	52	6
3	NEMERTINEA	2	7	10	7	15	9	50	6
4	MAGELONA ROSEA	8	1	4	9	7	7	36	6
5	NEREID(NICON) SPA	2	4	6	7	7	10	36	6
6	PRIONOSPIO STEENSTRUPI		10	8	11	1	3	33	5
7	MINUSPIO CIRRIFERA	10	2	5	5	4	6	32	6
8	SPIONIDAE	1			13	7	7	28	4
9	PARAPRIONOSPIO PINNATA	1	5		4	3	15	28	5
10	PARAONIS GRACILIS	1	2	4	4	10	7	28	6
11	LUMBRINERIS PARVAPEDATA	5	1		7	4	5	22	5
12	SIGAMBRA TENTACULATA	2	1		7	4	2	16	5
13	MAGELONA LONGICORNIS		1	4	3	1	5	14	5
14	NEPHTYS INCISA		1	1		6	5	13	4
15	VITRINELLA FLORIDANA	7	2	1		1		11	4
16	ARICIDEA JEFFREYSII		4			1	6	11	3
17	GONEPLACIDAE	1	2		2	1	4	10	5
18	SIPUNCULA	1	5	1	1		2	10	5
19	CORBULA CF CONTRACTA		2	1		6		9	3
20	COSSURA DELTA	2			1	2	4	9	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS TENUIS		2	3	2	1		8	4
22	ARMANDIA MACULATA	1		2	3		2	8	4
23	AMPELISCA ABDITA	1		1	2	3		7	4
24	ACLIS SPA	4	1			2		7	3
25	AEDICIRA BELGICAE		2	1	2		2	7	4
26	NOTOMASTUS CF LATERICEUS		1	1		3	1	6	4
27	THARYX MARIONI	2		1			2	5	3
28	MAGELONA PHYLLISAE	3			1			4	2
29	AMPELISCA VERRILLI		1		3			4	2
30	GLYCERA CAPITATA	2	1	1				4	3
31	NOTOMASTUS HEMIPODUS				4			4	1
32	OPHIUROIDEA	1				1	1	3	3
33	RETUSIDAE						3	3	1
34	CERATONEREIS IRRITABILIS		1	1	1			3	3
35	DIOPATRA CUPREA	1		1	1			3	3
36	ARICIDEA TAYLORI			2	1			3	2
37	PARAONIDAE	2				1		3	2
38	SCHISTOMERINGOS RUDOLPHI					3		3	1
39	AUTOMATE EVERMANNI		1	1				2	2
40	NEPHTYIDAE	1			1			2	2
41	NATICA SP		2					2	1
42	PINNOTHERIDAE						2	2	1
43	PSEUDEURYTHOE AMBIGUA		1	1				2	2
44	DRILONEREIS MAGNA		1	1				2	2
45	GONIADIDAE		1		1			2	2
46	SCLEROCONCHA SPA		1			1		2	2
47	NOTOMASTUS LATERICEUS	1			1			2	2
48	LUMBRINERIS ALBIDENTATA				2			2	1
49	GLYCERA AMERICANA				2			2	1
50	ARICIDEA WASSI		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PARAONIDES LYRA			1				1	1
52	FINELLA DUBIA		1					1	1
53	PRIONOSPIO HETEROBRANCHIA	1						1	1
54	LAONICE CIRRATA				1			1	1
55	ANCISTROSYLLIS JONESI				1			1	1
56	GLYCERA TESSELATA			1				1	1
57	TELLINA SP		1					1	1
58	CHASMOCARCINUS MISSISSIPPIENSIS			1				1	1
59	THARYx DORSOBRANCHIALIS	1						1	1
60	ALPHEUS CF AMBLYONYX			1				1	1
61	LUCINA AMIANTUS		1					1	1
62	GLYCERA SPB						1	1	1
63	LISTRIELLA BARNARDI				1			1	1
64	VOLVULELLA TEXASIANA			1				1	1
65	CLYMENELLA TORQUATA					1		1	1
66	CIRROPHORUS LYRIFORMIS						1	1	1
67	PITAR CORDATUS					1		1	1
68	AMPELISCA CF CRISTATA		1					1	1
69	MAGELONA PETTIBONEAE						1	1	1
70	PILARGIS BERKELYAE						1	1	1
71	UNCIOLA SERRATA		1					1	1
72	ONUPHIDAE						1	1	1
	NO. OF SPECIES	28	37	31	34	29	30		
	NO. OF INDIVIDUALS	72	96	77	132	127	134	638	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	IV	72	638	5.0624	.9570	.7083

TABLE 3 CONT.'D

STATION 6 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SP	14	4	16		4		38	4
2	MALDANIDAE	16	1	4	2	1	1	25	6
3	CORBULA CF CONTRACTA	8	15			1		24	3
4	CLYMENELLA TORQUATA	18	2				2	22	3
5	COSSURA DELTA	8	1	3	2	3	3	20	6
6	PARAMPHINOME PULCHELLA	1	5		1		8	15	4
7	SABELLIDAE	13						13	1
8	SIPUNCULA	2	3	6	1			12	4
9	NEMERTINEA	3	5		1	1		10	4
10	PITAR CORDATUS	1	8					9	2
11	MAGELONA LONGICORNIS	4	1		1	1	2	9	5
12	SPIOCHAETOPTERUS COSTARUM	2	6					8	2
13	PARAONIS GRACILIS	1	2	1	1	1	1	7	6
14	POLYCHAETE SPA			1	1	4	1	7	4
15	SPIOPHANES LONGICIRRUS	1	2	1		1	1	6	5
16	ASYCHIS CAROLINAE		1	2		3		6	3
17	NEREID(NICON) SPA	2	3	1				6	3
18	SARSIELLA SPB	4	1					5	2
19	HETEROSPIO LONGISSIMA	2	1				2	5	3
20	ASYCHIS ELONGATA		1		2	2		5	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NOTOMASTUS CF LATERICEUS	2	2			1		5	3
22	NEPHTYS INCISA	3	1				1	5	3
23	MINUSPIO LONGIBRANCHIATA		5					5	1
24	SIGAMBRA TENTACULATA	1	1	1		1		4	4
25	SYLLIDAE	3			1			4	2
26	SANGUINOLARIA SANGUINOLENTA	3				1		4	2
27	MARPHYSA SPA	1	1	2				4	3
28	THARYX MARIONI	1	2			1		4	3
29	ASYCHIS SP		3	1				4	2
30	OPHIUROIDEA		2	1		1		4	3
31	AUTOMATE EVERMANNI		2	1	1			4	3
32	MINUSPIO CIRRIFERA	2	1					3	2
33	PARAPRIONOSPIO PINNATA		1	1	1			3	3
34	ARICIDEA JEFFREYSII		1				2	3	2
35	EXOGONE DISPAR	3						3	1
36	NUCULA PROXIMA	3						3	1
37	STERNASPIS SCUTATA	2		1				3	2
38	ANTHURID SPA					1	2	3	2
39	KALLIAPSEUDES SPA						3	3	1
40	CHONE CF AMERICANA		2	1				3	2
41	ERIOPISA SPB	2						2	1
42	PARAONIDES LYRA	1					1	2	2
43	PHYLLODOCE MUCOSA		1				1	2	2
44	NOTOMASTUS AMERICANUS		1			1		2	2
45	SIGAMBRA SP			2				2	1
46	ACLIS SPA			2				2	1
47	MAGELONA ROSEA	1					1	2	2
48	PINNOTHERIDAE	1			1			2	2
49	PROCESSA SP	1			1			2	2
50	AMPELISCA AGASSIZI	1					1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	LUMBRINERIS ALBIDENTATA						2	2	1
52	LUMBRINERIS FRAGILIS						2	2	1
53	CIRRATULID-B		2					2	1
54	AMPELISCA ABDITA	2						2	1
55	SPIONIDAE	1	1					2	2
56	AMPHARETIDAE		1		1			2	2
57	GRUBEULEPIS CF TEBBLEI						1	1	1
58	PECTINARIA GOULDII	1						1	1
59	RUTIDERMA SPB	1						1	1
60	SCLEROCONCHA SPA	1						1	1
61	AMPELISCA SPA	1						1	1
62	ACTINARIA			1				1	1
63	GNATHIA SP			1				1	1
64	UNCIOLA SERRATA	1						1	1
65	ARICIDEA WASSI			1				1	1
66	PILUMNUS SP	1						1	1
67	ANOMALOCARDIA AUBERIANA	1						1	1
68	DENTALIUM SP	1						1	1
69	GONEPLACIDAE	1						1	1
70	PARAONIS SPA						1	1	1
71	CUMACEAN SPG	1						1	1
72	SCOLOPLOS RUBRA	1						1	1
73	ANACHIS CALLIGLYPTA				1			1	1
74	PARANDALIA OCULARIS					1		1	1
75	GLYCERA TESSELATA				1			1	1
76	NOTOMASTUS HEMIPODUS				1			1	1
77	MALACOCEROS INDICUS	1						1	1
78	HAPLOSCOLOPLOS SP						1	1	1
79	PARAONIDAE					1		1	1
80	CALLIANASSA SP				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	LUMBRINERIS PARVAPEDATA	1						1	1
82	THARYX ANNULOSUS	1						1	1
83	AMPELISCA VERRILLI			1				1	1
84	AMPHARETE PARVIDENTATA		1					1	1
85	PILARGIS BERKELYAE		1					1	1
86	ONUPHIS PALLIDULA	1						1	1
87	ALPHEIDAE						1	1	1
88	CALLIANASSA ACANTHOCHIRUS		1					1	1
89	CF PARATHELEPUS SP		1					1	1
90	SPIOPHANES BOMBYX					1		1	1
91	CUMELLA SP			1				1	1
92	POECILOCHAETUS JOHNSONI						1	1	1
93	AMPHARETE ACUTIFRONS		1					1	1
94	EXOGONE CF GEMMIFERA		1					1	1
95	AGLAOPHAMUS CIRCINATA						1	1	1
96	XENANTHURA BREVITELSON		1					1	1
97	LEPIDASTHENIA SPB			1				1	1
98	MEDIOMASTUS CALIFORNIENSIS				1			1	1
99	CAPITELLID SPC			1				1	1
100	GONIADA TERES	1						1	1
101	PHOTID SPA		1					1	1
102	TEREBELLIDES STROEMII		1					1	1
103	CERIANTHARIA SPA						1	1	1
104	ONUPHIS SPA		1					1	1
105	EXOGONE SPA						1	1	1
106	HYDROIDES PROTULICOLA	1						1	1
107	CHAETOZONE SETOSA			1				1	1
108	LAONICE CIRRATA		1					1	1
109	CF EPIDIOPATRA SP		1					1	1
110	NINOE NIGRIPES	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	MEGALOMMA CF BIOCULATUM	1						1	1
112	ONUPHIDAE		1					1	1
	NO. OF SPECIES	55	49	27	20	21	27		
	NO. OF INDIVIDUALS	153	105	56	23	32	45	414	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	IV	112	414	5.8810	.9727	.8036

TABLE 3 CONT.'D

STATION 7 TRANSECT IV PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ACLIS SPA	3	2	14	1		1	21	5
2	SIGAMBRA TENTACULATA	3	2		3	3	1	12	5
3	NEMERTINEA	5			1	3	2	11	4
4	PARAONIS GRACILIS	4	2	2	1		1	10	5
5	PARAONIS SPA		1			3	3	7	3
6	THARYX MARIONI		1	3		3		7	3
7	PARAPRIONOSPIO PINNATA		2		3	1		6	3
8	STERNASPIS SCUTATA	1	1	1	1	1		5	5
9	PARALACYDONIA PARADOXA			1	3			4	2
10	AMPELISCA AGASSIZI		3			1		4	2
11	THARYX ANNULOSUS		1		3			4	2
12	XENANTHURA BREVITELSON		1	1		1		3	3
13	SIPUNCULA	3						3	1
14	DENTALIUM SOWERBYI		1	1		1		3	3
15	COSSURA DELTA		1		1			2	2
16	AGLAOPHAMUS CIRCINATA	1					1	2	2
17	NINOE NIGRIPES				2			2	1
18	OSTRACOD SPY		1	1				2	2
19	GLYCERA TESSELATA	1				1		2	2
20	PARAONIDES LYRA	1				1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MEDIOMASTUS CALIFORNIENSIS			1	1			2	2
22	SCLEROCONCHA SPA			1	1			2	2
23	OSTRACOD SPD			1	1			2	2
24	ONUPHIS SPA	1	1					2	2
25	PELECYPOD SPA		2					2	1
26	HETEROSPIO LONGISSIMA				2			2	1
27	HAPLOSCULOPLOS FOLIOSUS		1				1	2	2
28	SYLLIS SPC	1	1					2	2
29	NEPHTYIDAE		1	1				2	2
30	ABRA AEQUALIS						2	2	1
31	ARICIDEA CF FRAGILIS		1					1	1
32	NOTOMASTUS CF AMERICANUS	1						1	1
33	CERATOCEPHALE LOVENI		1					1	1
34	MINUSPIO SP						1	1	1
35	SPIOCHAETOPTERUS COSTARUM	1						1	1
36	GONEPLACIDAE	1						1	1
37	LEUCON SP		1					1	1
38	ECHINOIDEA			1				1	1
39	ERIOPISA INCISA						1	1	1
40	SCOLOPLOS SP				1			1	1
41	AMPELISCA SPA			1				1	1
42	UNCIOLA SERRATA					1		1	1
43	SPIOPHANES LONGICIRRUS	1						1	1
44	LUMBRINERIS ALBIDENTATA					1		1	1
45	ONUPHIDAE				1			1	1
46	PHYLLOCHAETOPTERUS SP				1			1	1
47	LEPTOCHELIA SP						1	1	1
48	PHILINE SAGRA						1	1	1
49	NUCULANA ACUTA					1		1	1
50	PLATYHELMINTHES					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	RINGICULA SEMISTRIATA		1					1	1
52	SYLLIS SPA			1				1	1
53	PARAONIDAE	1						1	1
54	VITRINELLIDAE					1		1	1
55	ANCISTROSYLLIS GROENLANDICA	1						1	1
56	PARAMPHINOME PULCHELLA					1		1	1
57	OPHIUROIDEA	1						1	1
58	SCUTOPUS SPA	1						1	1
59	TEREBELLIDES STROEMII			1				1	1
60	THARYX DORSOBRANCHIALIS	1						1	1
61	ONUPHIS SPD	1						1	1
62	GONIADA NORVEGICA			1				1	1
	NO. OF SPECIES	21	22	17	17	17	12		
	NO. OF INDIVIDUALS	34	29	33	27	25	16	164	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
7	IV	62	164	5.2735	.9636	.9516

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	20	23	47	9	9	30	138	6
2	MEDIOMASTUS CALIFORNIENSIS	2	22	14	10	9	25	82	6
3	NEMERTINEA	5	7	4	5	9	6	36	6
4	MAGELONA PHYLLISAE	5	3	10	1	2	7	28	6
5	COSSURA DELTA	3	1	6	3	5	7	25	6
6	ARICIDEA JEFFREYSII	7	1		1	2	5	16	5
7	MAGELONA ROSEA	1	4	4	1	2	4	16	6
8	NEREID(NICON) SPA	3	1	5	1		4	14	5
9	MINUSPIO CIRRIFERA	4	1	1	2	2		10	5
10	MINUSPIO LONGIBRANCHIATA					8	1	9	2
11	SIGAMBRA TENTACULATA	1	1	2	1	2	1	8	6
12	ARMANDIA MACULATA	1	1		2			4	3
13	MAGELONA LONGICORNIS		2	1		1		4	3
14	NINOE NIGRIPES		2			1	1	4	3
15	STHENELAIS BOA	1	2					3	2
16	PARAMPHINOME PULCHELLA			2	1			3	2
17	AMPELISCA ABDITA	1		1				2	2
18	NOTOMASTUS CF LATERICEUS		1	1				2	2
19	NATICA SP		1	1				2	2
20	DRILONEREIS MAGNA		1		1			2	2

TABLE 3 CONT.'D

RANK	SPECIFS	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AUTOMATE EVERMANNI					2		2	1
22	LUMBRINERIS PARVAPEDATA	1						1	1
23	LEPTON SPA					1		1	1
24	CORBULA CF CONTRACTA					1		1	1
25	MALACOCEROS VANDERHORSTI						1	1	1
26	PARAONIS GRACILIS						1	1	1
27	THARYX MARIONI	1						1	1
28	NEREIDAE					1		1	1
29	ASYCHIS ELONGATA	1						1	1
30	GONEPLACIDAE	1						1	1
31	AMPELISCA AGASSIZI			1				1	1
32	LEPIDASTHENIA SPA			1				1	1
33	NEPHTYS INCISA						1	1	1
34	LAONICE CIRRATA					1		1	1
35	AMPELISCA VERRILLI					1		1	1
36	AEDICIRA BELGICAE					1		1	1
37	VOLVULELLA TEXASIANA						1	1	1
38	ABRA AEQUALIS				1			1	1
39	ALPHEUS SP				1			1	1
40	SIPUNCULA						1	1	1
	NO. OF SPECIES	17	17	16	15	19	16		
	NO. OF INDIVIDUALS	58	74	101	40	60	96	429	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	40	429	3.5066	.8415	.4250

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS	2	7	5	7	5	6	32	6
2	MINUSPIO LONGIBRANCHIATA				10		15	25	2
3	PARAONIS SPA	4	4		4	2	5	19	5
4	NEPHTYS INCISA	2	1	6	5	2	3	19	6
5	THARYX MARIONI	4	2	1	7	1	3	18	6
6	NEMERTINEA		3	1	6		6	16	4
7	MAGELONA LONGICORNIS	4	3	1	4	1	2	15	6
8	LUMBRINERIS PARVAPEDATA		1		7	1	3	12	4
9	COSSURA DELTA	2	3	2	1	3		11	5
10	PARAPRIONOSPIO PINNATA	1	3		2	2	2	10	5
11	MINUSPIO CIRRIFERA		6	4				10	2
12	CIRROPHORUS LYRIFORMIS	2			3	4	1	10	4
13	APOPRIONOSPIO PYGMAEA	5				4		9	2
14	MAGELONA ROSEA	3	1				5	9	3
15	MEDIOMASTUS CALIFORNIENSIS	2			3		3	8	3
16	AUTOMATE EVERMANNI	1	1		1		2	5	4
17	NOTOMASTUS LATERICEUS				4		1	5	2
18	ARICIDEA JEFFREYSII	4			1			5	2
19	NOTOMASTUS CF LATERICEUS		2	2				4	2
20	SIPUNCULA	4						4	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GONIADIDAE	2	1	1				4	3
22	SIGAMBRA TENTACULATA		1	1			2	4	3
23	CORBULA CF CONTRACTA	1	2					3	2
24	PINNIXA CF CHAETOPTERANA	3						3	1
25	EUDORELLA MONODON				1		2	3	2
26	GONEPLACIDAE		1		1		1	3	3
27	SPIONIDAE				2			2	1
28	DIOPATRA CUPREA			2				2	1
29	NOTOMASTUS HEMIPODUS	1				1		2	2
30	ACLIS SPA				2			2	1
31	NINOE NIGRIPES				1	1		2	2
32	PINNOTHERIDAE		2					2	1
33	HETEROSPIO LONGISSIMA		1			1		2	2
34	GONIADA TERES		1	1				2	2
35	AMPELISCA AGASSIZI					1		1	1
36	NATICA SP						1	1	1
37	AMPELISCA ABDITA				1			1	1
38	SQUILLA CHYDAEA					1		1	1
39	AMPELISCA VERRILLI	1						1	1
40	CIRRATULID SPA					1		1	1
41	GLYCERA CAPITATA				1			1	1
42	ARICIDEA SP			1				1	1
43	NEREID(NICON) SPA	1						1	1
44	PARAONIDES LYRA					1		1	1
45	PHYLLODOCE MUCOSA						1	1	1
46	SPEOCARCINUS LOBATUS		1					1	1
47	ARMANDIA MACULATA						1	1	1
48	BRISSOPSIS ALTA			1				1	1
49	OPHIODROMUS OBSCURUS		1					1	1
50	CIRRATULIDAE					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PSEUDEURYTHOE AMBIGUA						1	1	1
52	VITRINELLIDAE						1	1	1
53	LUMBRINERIS ALBIDENTATA					1		1	1
54	AEDICIRA BELGICAE		1					1	1
55	ARICIDEA TAYLORI				1			1	1
56	PARAONIDAE					1		1	1
	NO. OF SPECIES	20	23	14	23	20	22		
	NO. OF INDIVIDUALS	49	49	29	75	35	67	304	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	56	304	4.9706	.9577	.8571

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PELECYPOD SPA	1			9		7	17	3
2	SIGAMBRA TENTACULATA	2	7		3		5	17	4
3	AMPELISCA AGASSIZI				13			13	1
4	NEMERTINEA	1	2		1	4	3	11	5
5	PARAONIS SPA	2		1	3		3	9	4
6	THARYX MARIONI	3			1	3		7	3
7	PITAR CORDATUS	1			5		1	7	3
8	PARAONIS GRACILIS	1	1	2		3		7	4
9	SIPUNCULA		4		2		1	7	3
10	TETRAGONODON SPA		5	1				6	2
11	MINUSPIO CIRRIFERA	3			2			5	2
12	NINOE NIGRIPES		1		1	2	1	5	4
13	LEPTOCHELIA SP	1	1	1	2			5	4
14	DENTALIUM SOWERBYI	1	2				2	5	3
15	PARAMPHINOME PULCHELLA					4		4	1
16	FINELLA DUBIA						4	4	1
17	PARALACYDONIA PARADOXA	1	1				2	4	3
18	OPHIUROIDEA			1	1	1	1	4	4
19	NEPHTYIDAE				2	2		4	2
20	SCLEROCONCHA SPA				1		3	4	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARAPRIONOSPIO PINNATA		2		2			4	2
22	PHILOMEDES SPA		1			2		3	2
23	SINUM MACULATUM						3	3	1
24	OPHELIIDAE				1		2	3	2
25	GLYCERIDAE				1	1		2	2
26	SYNELMIS SPA					2		2	1
27	APLACOPHORA	2						2	1
28	ACLIS SPA					1	1	2	2
29	AGLAOPHAMUS VERRILLI	1					1	2	2
30	XENANTHURA BREVITELSON	1					1	2	2
31	SPIONIDAE		1				1	2	2
32	CHAETODERMA SPA		1			1		2	2
33	STERNASPIS SCUTATA		1				1	2	2
34	ODOSTOMIA SP	1					1	2	2
35	GNATHIA SP		2					2	1
36	ERIOPISA INCISA	1						1	1
37	MEDIOMASTUS CALIFORNIENSIS		1					1	1
38	AGLAOPHAMUS CIRCINATA		1					1	1
39	NOTOMASTUS CF LATERICEUS		1					1	1
40	HAMINOEA SUCCINEA						1	1	1
41	TEREBELLIDAE		1					1	1
42	HETEROSPIO LONGISSIMA		1					1	1
43	POECILOCHAETUS JOHNSONI	1						1	1
44	COSSURA DELTA	1						1	1
45	CADULUS CAROLINENSIS		1					1	1
46	DORVILLEIDAE					1		1	1
47	LISTRIELLA SPA		1					1	1
48	HIPPOMEDON CF SERRATUS		1					1	1
49	PORCELLANA SIGSBEIANA				1			1	1
50	SARSIELLA SPA					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	GONIADA MACULATA					1		1	1
52	SYLLIS SPC						1	1	1
53	AMPELISCA SPA	1						1	1
54	HETEROPHOXUS CF OCULATUS	1						1	1
55	TEREBRA PROTEXTA		1					1	1
56	PARASTEROPE SPP		1					1	1
57	VOLVULELLA RECTA	1						1	1
58	RINGICULA SEMISTRIATA						1	1	1
59	EUDORELLA MONODON	1						1	1
60	LUMBRINERIS TENUIS					1		1	1
61	NEPHTYS INCISA	1						1	1
62	AMPELISCA ABDITA					1		1	1
63	CYCLOCARDIA ARMILLA						1	1	1
64	AMYGDALUM PAPYRIUM						1	1	1
65	ALTERNOCHELATA SPA		1					1	1
66	TELLINIDAE				1			1	1
67	PROCESSA HEMPHILLI				1			1	1
68	CIRROPHORUS BRANCHIATUS				1			1	1
69	SPIOCHAETOPTERUS COSTARUM					1		1	1
70	SARSIELLA SPB	1						1	1
71	ABRA AEQUALIS						1	1	1
72	GLYCERA CAPITATA			1				1	1
73	AMAEANA TRILOBATA			1				1	1
74	CUMACEAN SPE	1						1	1
75	NUCULANA ACUTA				1			1	1
76	STHENELAIS BOA			1				1	1
77	CUMACEAN				1			1	1
78	AGLAOPHAMUS INERMIS			1				1	1
79	THYASIRA SP	1						1	1
80	SCUTOPUS SPA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	BRADA SP	1						1	1
	NO. OF SPECIES	27	27	9	23	18	26		
	NO. OF INDIVIDUALS	34	44	10	56	32	50	226	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	81	226	5.6770	.9747	.9630

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS	5	4	4	5	20	8	46	6
2	MEDIOMASTUS CALIFORNIENSIS	6	3	4	6	1	12	32	6
3	PARAPRIONOSPIO PINNATA	15	2		5	1	3	26	5
4	THARYX MARIONI	9	2	4	2	3	6	26	6
5	NEMERTINEA	2	10	1		2	5	20	5
6	COSSURA DELTA	4	3	3	1	3	4	18	6
7	ACLIS SPA		3	8	3		1	15	4
8	MAGELONA ROSEA	2	1	2	1	3	2	11	6
9	ARICIDEA JEFFREYSII	1	2			6	2	11	4
10	MAGELONA LONGICORNIS		1	3	3	1	3	11	5
11	MINUSPIO CIRRIFERA			2			8	10	2
12	CORBULA CF CONTRACTA				10			10	1
13	SIGAMBRA TENTACULATA	1	3	1	4			9	4
14	NEPHTYS INCISA	1	2		1	2	3	9	5
15	PARAONIS SPA			2			6	8	2
16	MINUSPIO SP		5		1	1		7	3
17	LUMBRINERIS PARVAPEDATA	1	1	1	2		1	6	5
18	AMPELISCA AGASSIZI		1	2	1	1	1	6	5
19	NINOE NIGRIPES			2	1		2	5	3
20	EUDORELLA MONODON	2			1		1	4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO LONGIBRANCHIATA	4						4	1
22	CIRROPHORUS LYRIFORMIS	2				2		4	2
23	VOLVULELLA TEXASIANA	1	1	1		1		4	4
24	NEPHTYIDAE	2					1	3	2
25	AMPELISCA ABDITA		1		2			3	2
26	ARMANDIA MACULATA					3		3	1
27	NOTOMASTUS LATERICEUS	1			1	1		3	3
28	GONEPLACIDAE		1		1		1	3	3
29	AEDICIRA BELGICAE			3				3	1
30	ANCISTROSYLLIS JONESI		2					2	1
31	PINNIXA CF CHAETOPTERANA			1			1	2	2
32	PARAONIDAE	1			1			2	2
33	NOTOMASTUS CF LATERICEUS				1		1	2	2
34	NATICA SP	1		1				2	2
35	DRILONEREIS MAGNA	1						1	1
36	PARAMPHINOME PULCHELLA					1		1	1
37	SYNELMIS SPA						1	1	1
38	HYDROZOA						1	1	1
39	HOLOTHUROIDEA						1	1	1
40	ARICIDEA TAYLORI					1		1	1
41	APSEUDES SPA				1			1	1
42	SPIONIDAE						1	1	1
43	OPHIUROIDEA	1						1	1
44	CLYTIA LONGICYATHA						1	1	1
45	SCHISTOMERINGOS RUDOLPHI	1						1	1
46	LISTRIELLA BARNARDI					1		1	1
47	AMPELISCA VERRILLI				1			1	1
48	AUTOMATE EVERMANNI	1						1	1
	NO. OF SPECIES	23	19	18	23	19	26		
	NO. OF INDIVIDUALS	65	48	45	55	54	77	344	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	48	344	[illegible]		

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SP			9	13	3	6	31	4
2	PITAR CORDATUS	1	4		11	4		20	4
3	PARAONIS SPA	2		2	5		3	12	4
4	NEMERTINEA		2		7		2	11	3
5	PARAONIS GRACILIS		3	1		5		9	3
6	MAGELONA LONGICORNIS		2	3	2		1	8	4
7	COSSURA DELTA	1	1	1	2	2		7	5
8	SIGAMBRA TENTACULATA		2		2	1	1	6	4
9	LUMBRINERIS PARVAPEDATA	1	1			2	1	5	4
10	ACLIS SPA		1		3			4	2
11	PARAONIDES LYRA		1		1	2		4	3
12	TURBONILLA PORTORICANA				4			4	1
13	PARAONIDAE		2			1		3	2
14	OPHIUROIDEA	1		1			1	3	3
15	SINUM MACULATUM			1		2		3	2
16	PARAPRIONOSPIO PINNATA	1		1		1		3	3
17	HETEROPHOXUS CF OCULATUS				1		1	2	2
18	ARICIDEA JEFFREYSII					2		2	1
19	SCUTOPUS SPA	1				1		2	2
20	SIPUNCULA				2			2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO CIRRIFERA				1			1	1
22	SPIOPHANES LONGICIRRUS	1						1	1
23	DENTALIUM SOWERBYI		1					1	1
24	SYNCHELIDIUM CF AMERICANUM				1			1	1
25	PARALACYDONIA PARADOXA		1					1	1
26	NATICA PUSILLA				1			1	1
27	SYNELMIS SPA				1			1	1
28	NEPHTYS INCISA						1	1	1
29	NINOE NIGRIPES		1					1	1
30	LUMBRINERIS TENUIS	1						1	1
31	OBELIA SPA		1					1	1
32	SABELLIDAE		1					1	1
33	MINUSPIO SP					1		1	1
34	HAPLOSCOLOPLOS FOLIOSUS		1					1	1
35	GONEPLACIDAE		1					1	1
36	NEPHTYS SP	1						1	1
	NO. OF SPECIES	10	17	8	16	13	9		
	NO. OF INDIVIDUALS	11	26	19	57	27	17	157	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	36	157	4.2991	.9249	.8333

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	6	3	5	3	4	7	28	6
2	PARAONIS GRACILIS	4	12			8	3	27	4
3	GNATHIA SP		19					19	1
4	PITAR CORDATUS	3	3	4	5	3		18	5
5	PARAMPHINOME PULCHELLA		12		2			14	2
6	PARAONIS SPA			5	5			10	2
7	PELECYPOD SPA	1	3	3		1		8	4
8	MINUSPIO SP		8					8	1
9	DENTALIUM SOVERBYI		4	2	1		1	8	4
10	SCUTOPUS SPA			3		4		7	2
11	PARAPRIONOSPIO PINNATA	3		1		2	1	7	4
12	SIPUNCULA	2		3			1	6	3
13	PARALACYDONIA PARADOXA	1			2	1	2	6	4
14	COSSURA DELTA	1	2	1	1	1		6	5
15	HETEROPHOXUS CF OCULATUS	1	3				1	5	3
16	NEMERTINEA				3	2		5	2
17	LUMBRINERIS PARVAPEDATA		1	1	2			4	3
18	STERNASPIS SCUTATA		3		1			4	2
19	NEPHTYIDAE	1			1	1		3	3
20	ABRA AEQUALIS					3		3	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SOLEMYA SPA			1		2		3	2
22	NEREIS SPA		3					3	1
23	GLYCERA TESSELATA	2		1				3	2
24	ARMANDIA MACULATA		3					3	1
25	POLYCHAETE SPA				1	2		3	2
26	NINOE NIGRIPES		1				1	2	2
27	PARAONIDAE	1					1	2	2
28	HETEROSPIO LONGISSIMA	1				1		2	2
29	THARYX MARIONI	1				1		2	2
30	APSEUDES SPA			2				2	1
31	NUCULANA ACUTA			2				2	1
32	CORBULA CF CONTRACTA			1	1			2	2
33	SINUM MACULATUM	1					1	2	2
34	THYASIRA SP	2						2	1
35	MAGELONA LONGICORNIS				2			2	1
36	MINUSPIO CIRRIFERA				2			2	1
37	OPHIUROIDEA				1		1	2	2
38	STHENOLEPIS CF JAPONICA		1					1	1
39	NEPHTYS INCISA	1						1	1
40	AMPELISCA SPA	1						1	1
41	OWENIA FUSIFORMIS		1					1	1
42	AMPHARETE AMERICANA					1		1	1
43	RINGICULA SEMISTRIATA					1		1	1
44	PARASTEROPE SPP		1					1	1
45	PHILOMEDES SPC		1					1	1
46	OPHELIIDAE				1			1	1
47	CALLIANASSA LATISPINA	1						1	1
48	LUMBRINERIDAE	1						1	1
49	CUSPIDARIA MEDIA				1			1	1
50	VOLVULELLA PERSIMILIS					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NATICA PUSILLA			1				1	1
52	CHAETODERMA SPA				1			1	1
53	ANCISTROSYLLIS GROENLANDICA				1			1	1
54	LUMBRINERIS ALBIDENTATA					1		1	1
55	ACLIS SPA				1			1	1
56	ARICIDEA CF FRAGILIS						1	1	1
57	ALTERNOCHELATA SPA				1			1	1
58	TURBONILLA PORTORICANA				1			1	1
59	AMPHICTEIS GUNNERI			1				1	1
60	ARABELLIDAE		1					1	1
61	PARAONIDES LYRA		1					1	1
62	SIGAMBRA SP			1				1	1
63	EUDORELLA MONODON	1						1	1
64	MAGELONIDAE						1	1	1
65	MEDIOMASTUS CALIFORNIENSIS			1				1	1
66	ECHINOIDEA				1			1	1
67	AMPHARETIDAE		1					1	1
68	GONIADA MACULATA		1					1	1
69	CIRRATULIDAE		1					1	1
70	PELOSCOLEX CF APECTINATUS					1		1	1
71	NOTOMASTUS LATERICEUS		1					1	1
72	ERIOPISA INCISA						1	1	1
	NO. OF SPECIES	21	25	19	24	20	14		
	NO. OF INDIVIDUALS	36	90	39	41	41	23	270	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	72	270	5.2722	.9608	.8194

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	5	18	27	19	45	11	125	6
2	MEDIOMASTUS CALIFORNIENSIS	3		25	8	36		72	4
3	MAGELONA PHYLLISAE	10	10	6	4	16	8	54	6
4	AMPELISCA AGASSIZI	1	4	2	23	2	1	33	6
5	NEMERTINEA	4		11	6	4	6	31	5
6	NEREID(NICON) SPA	1		3	2	9	2	17	5
7	ARICIDEA JEFFREYSII			8	1	7		16	3
8	MINUSPIO CIRRIFERA		1	3		7	4	15	4
9	ARMANDIA MACULATA	2	3	3	3	3		14	5
10	COSSURA DELTA	1	1	3	2	5	2	14	6
11	MAGELONA ROSEA	1	1	3		4	3	12	5
12	NEPHTYS INCISA	2	2	1	3	2		10	5
13	MINUSPIO LONGIBRANCHIATA				2	8		10	2
14	TRACHYPENAEUS SIMILIS	1	2	2		3		8	4
15	ALPHEUS SP	1	1	1	1		1	5	5
16	STGAMBRA TENTACULATA	2	1		2			5	3
17	GONEPLACIDAE	1	1		1	1	1	5	5
18	NATICA SP				2		2	4	2
19	VITRINELLA FLORIDANA	1	2			1		4	3
20	NINOE NIGRIPES	1	2		1			4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NATICIDAE	3						3	1
22	AUTOMATE SP				1		1	2	2
23	SPIONIDAE		2					2	1
24	PRIONOSPIO CRISTATA					2		2	1
25	PINNOTHERIDAE		2					2	1
26	STHENELAIS BOA					1	1	2	2
27	VOLVULELLA TEXASIANA		1	1				2	2
28	POLYCHAETE SPA			2				2	1
29	CAULLERIELLA SPA			1	1			2	2
30	AMPELISCA ABDITA		1					1	1
31	PECTINARIA GOULDII			1				1	1
32	NEREIS LAMELLOSA			1				1	1
33	NEREIDAE						1	1	1
34	DRILONEREIS MAGNA					1		1	1
35	CERIANTHARIA SPA					1		1	1
36	AUTOMATE EVERMANNI					1		1	1
37	CORBULA CF CONTRACTA				1			1	1
38	SPIOCHAETOPTERUS COSTARUM					1		1	1
39	MAGELONA LONGICORNIS		1					1	1
40	LUMBRINERIS PARVAPEDATA				1			1	1
41	ABRA AEQUALIS			1				1	1
42	ACTINARIA				1			1	1
43	PROCESSA HEMPHILLI					1		1	1
44	AEDICIRA BELGICAE					1		1	1
45	ALPHEIDAE						1	1	1
46	NOTOMASTUS CF LATERICEUS					1		1	1
47	AMPELISCA VERRILLI		1					1	1
48	MALACOCEROS VANDERHORSTI						1	1	1
	NO. OF SPECIES	17	20	20	21	25	16		
	NO. OF INDIVIDUALS	40	57	105	85	163	46	496	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	48	496	4.0062	.8899	.5000

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	CORBULA CF CONTRACTA	7		7	16	23	17	70	5
2	VENERIDAE				6	32	15	53	3
3	ABRA AEQUALIS	3			5	17	5	30	4
4	NEPHTYS INCISA	4	4	2	7	7	4	28	6
5	PARAONIS SPA	3	4		4	10	7	28	5
6	NEMERTINEA	3	3	2	8	6		22	5
7	PARAPRIONOSPIO PINNATA	1	5		4	6	5	21	5
8	PARAONIS GRACILIS		7	1	2	5	1	16	5
9	MAGELONA LONGICORNIS	2	1	2		3	4	12	5
10	LUMBRINERIS PARVAPEDATA		1		3	5	2	11	4
11	COSSURA DELTA	2	2	1	2	2	2	11	6
12	MAGELONA ROSEA	2			3	4		9	3
13	MINUSPIO LONGIBRANCHIATA					4	5	9	2
14	KALLIAPSEUDES SPA	2	1	1		2	1	7	5
15	SIGAMBRA TENTACULATA		1	1		2	3	7	4
16	EUDORELLA MONODON			1	1	5		7	3
17	ARMANDIA MACULATA	1	3		1	2		7	4
18	NINOE NIGRIPES	2	1	1		1	2	7	5
19	GONEPLACIDAE			1	2	1	2	6	4
20	AUTOMATE EVERMANNI	1		1	1	2	1	6	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO CIRRIFERA	1			3		1	5	3
22	THARYX MARIONI	1		1	3			5	3
23	THARYX ANNULOSUS				1		4	5	2
24	THYASIRA SP						4	4	1
25	PINNOTHERIDAE	1		1	1		1	4	4
26	SPIONIDAE		1			2		3	2
27	DIOPATRA CUPREA		1		1	1		3	3
28	NOTOMASTUS CF LATERICEUS		1			2		3	2
29	AMPELISCA ABDITA			1		2		3	2
30	EPITONIIDAE					1	2	3	2
31	PITAR CORDATUS					1	2	3	2
32	GONIADA TERES	1				1		2	2
33	ACLIS SPA		1			1		2	2
34	AMPELISCA AGASSIZI			1			1	2	2
35	ASYCHIS ELONGATA			1		1		2	2
36	OPHIUROIDEA	1			1			2	2
37	CARIDEA	1					1	2	2
38	RETUSIDAE					2		2	1
39	SPIOPHANES BOMBYX	1						1	1
40	TEINOSTOMA BISCAYNENSE						1	1	1
41	LUMBRINERIS TENUIS		1					1	1
42	NEPHTYIDAE	1						1	1
43	SCHISTOMERINGOS RUDOLPHI	1						1	1
44	SCOLELEPIS TEXANA					1		1	1
45	NEREID(NICON) SPA				1			1	1
46	HETEROSPIO LONGISSIMA				1			1	1
47	RINGICULA SEMISTRIATA	1						1	1
48	SIPUNCULA		1					1	1
49	CAULLERIELLA SPB						1	1	1
50	NOTOMASTUS CF AMERICANUS	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	POLYNOIDAE		1					1	1
52	SYNALPHEUS SP						1	1	1
53	PECTINARIA GOULDII	1						1	1
54	VOLVULELLA TEXASIANA				1			1	1
55	CAPITELLID SPA					1		1	1
56	ALPHEIDAE		1					1	1
57	PSEUDEURYTHOE AMBIGUA				1			1	1
58	STHENELAIS BOA					1		1	1
59	CIRRATULID-B						1	1	1
60	ARICIDEA WASSI				1			1	1
61	MACOMA TENTA				1			1	1
62	NOTOMASTUS AMERICANUS			1				1	1
63	AEDICIRA BELGICAE					1		1	1
64	CIRROPHORUS LYRIFORMIS				1			1	1
65	CALLIANASSA SP			1				1	1
66	ERIOPISA SPB		1					1	1
67	ANCHIALINA TYPICA				1			1	1
68	MOIRA ATROPOS				1			1	1
69	CIRRATULIDAE		1					1	1
70	SPIOPHANES WIGLEYI						1	1	1
71	ARICIDEA TAYLORI						1	1	1
72	DRILONEREIS MAGNA	1						1	1
73	BRADA SP						1	1	1
74	ALPHEUS SP					1		1	1
	NO. OF SPECIES	26	22	19	30	35	31		
	NO. OF INDIVIDUALS	46	43	28	84	158	99	458	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	74	458	4.9124	.9427	.6216

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	3	1	2		13	1	20	5
2	SIGAMBRA TENTACULATA	1	1	1	4	1	3	11	6
3	PARAONIS GRACILIS	2	1	1		1	2	7	5
4	AGLAOPHAMUS CIRCINATA	1	1	1	2	1		6	5
5	XENANTHURA BREVITELSON			2	1	2		5	3
6	AMPELISCA AGASSIZI	1	1			1	2	5	4
7	SIPUNCULA			1	1	2	1	5	4
8	COSSURA DELTA			1	2	1		4	3
9	CHAETODERMA SPA			2		1		3	2
10	NEMERTINEA					1	2	3	2
11	NINOE NIGRIPES	1	1		1			3	3
12	DENTALIUM SOWERBYI				1	2		3	2
13	THARYX MARIONI	2						2	1
14	MEDIOMASTUS CALIFORNIENSIS	1		1				2	2
15	SPIOCHAETOPTERUS COSTARUM	1			1			2	2
16	PARALACYDONIA PARADOXA	1			1			2	2
17	CIRROPHORUS BRANCHIATUS			1	1			2	2
18	HYDROZOA		1				1	2	2
19	PELECYPOD SPA					2		2	1
20	ANCISTROSYLLIS GROENLANDICA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS PARVAPEDATA					1		1	1
22	HETEROPHOXUS CF OCULATUS			1				1	1
23	LISTRIELLA SPA			1				1	1
24	SCLEROCONCHA SPB			1				1	1
25	LEPTOCHELIA SP	1						1	1
26	THARYX ANNULOSUS					1		1	1
27	CERATOCEPHALE LOVENI		1					1	1
28	NEPHTYS INCISA			1				1	1
29	ALTERNOCHELATA SPA	1						1	1
30	PHILOMEDES SPA	1						1	1
31	POLYODONTES LUPINA						1	1	1
32	AMPELISCA ABDITA					1		1	1
33	PARAMPHINOME PULCHELLA					1		1	1
34	SYLLIS SPC					1		1	1
35	AMPELISCA VERRILLI					1		1	1
36	AMPELISCA SPA						1	1	1
37	HAMINOEA SUCCINEA					1		1	1
38	ACLIS SPA				1			1	1
39	CHASMOCARCINUS MISSISSIPPIENSIS		1					1	1
40	ERIOPISA INCISA						1	1	1
41	ONUPHIDAE			1				1	1
	NO. OF SPECIES	13	9	16	11	19	10		
	NO. OF INDIVIDUALS	17	9	19	16	35	15	111	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	41	111	4.6805	.9450	.9512

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	CORBULA CF CONTRACTA	8	17	4	5	13	14	61	6
2	NEPHTYS INCISA	8	6	10	9	10	9	52	6
3	ABRA AEQUALIS		6	5	7	9	19	46	5
4	PARAPRIONOSPIO PINNATA	7	8	5	7	10	6	43	6
5	NEMERTINEA		2	7	23	5	5	42	5
6	APSEUDES SPA	11	1	1	3	7	11	34	6
7	PARAONIS GRACILIS	1	5	7	6	6	1	26	6
8	MEDIOMASTUS CALIFORNIENSIS	4	1	5	3	5	2	20	6
9	EUDORELLA MONODON	2	2	1	2	4	8	19	6
10	NOTOMASTUS CF LATERICEUS	2	3	2	1	6	3	17	6
11	COSSURA DELTA	2	2	2	2	3	5	16	6
12	LUMBRINERIS PARVAPEDATA		1	3	3	6	2	15	5
13	MAGELONA ROSEA			2	1	2	7	12	4
14	ACLIS SPA	1			11			12	2
15	LISTRIELLA BARNARDI			2		5	3	10	3
16	HEMICYCLOPS SP		1				9	10	2
17	ARMANDIA MACULATA	1	1			1	6	9	4
18	NEPHTYIDAE					9		9	1
19	PARAONIDAE		2	5	1			8	3
20	MAGELONA LONGICORNIS	3	1		3	1		8	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AEDICIRA BELGICAE	1	2		1	3		7	4
22	VENERIDAE			4		3		7	2
23	AMPELISCA AGASSIZI			1	2	1	2	6	4
24	AMPELISCA VERRILLI	1		2		3		6	3
25	AMPELISCA ABDITA			3		1	1	5	3
26	NINOE NIGRIPES	2	1			1	1	5	4
27	THARYX MARIONI	1		3			1	5	3
28	VOLVULELLA TEXASIANA		1			1	3	5	3
29	MAGELONA PHYLLISAE			4				4	1
30	SPIONIDAE	1			2		1	4	3
31	TELLINA SP				1	3		4	2
32	THARYX ANNULOSUS		2		1	1		4	3
33	LUMBRINERIDAE						4	4	1
34	PARAONIDES LYRA					3		3	1
35	MINUSPIO LONGIBRANCHIATA		3					3	1
36	CIRRATULID SPA					3		3	1
37	SIGAMBRA TENTACULATA			1		2		3	2
38	GONEPLACIDAE	1			1		1	3	3
39	CIRROPHORUS LYRIFORMIS		2		1			3	2
40	AUTOMATE EVERMANNI		1	1			1	3	3
41	ARICIDEA JEFFREYSII						3	3	1
42	ALPHEUS SP					1	1	2	2
43	AGLAOPHAMUS CIRCINATA				2			2	1
44	PSEUDEURYTHOE AMBIGUA			1			1	2	2
45	PITAR CORDATUS					2		2	1
46	PINNOTHERIDAE			1	1			2	2
47	SIGAMBRA BASSI	1		1				2	2
48	MINUSPIO CIRRIFERA						2	2	1
49	STHENELAIS BOA						1	1	1
50	SPIOPHANES BOMBYX						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SYNALPHEUS SP						1	1	1
52	VITRINELLA FLORIDANA				1			1	1
53	MALACOCEROS SP				1			1	1
54	ARICIDEA TAYLORI		1					1	1
55	POLYCHAETE SPA		1					1	1
56	CIRRATULID-B		1					1	1
57	SCOLELEPIS TEXANA				1			1	1
58	ANCHIALINA TYPICA						1	1	1
59	SCHISTOMERINGOS RUDOLPHI		1					1	1
60	PARAONIS SPA		1					1	1
61	NOTOMASTUS AMERICANUS			1				1	1
62	ONUPHIDAE					1		1	1
63	EPITONIIDAE		1					1	1
	NO. OF SPECIES	19	29	27	28	32	33		
	NO. OF INDIVIDUALS	58	77	84	102	131	136	588	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	63	588	4.9684	.9531	.7619

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	2	3	42	2	19	15	83	6
2	THYASIRA SP		7	9	1	6	3	26	5
3	ABRA AEQUALIS	2			7			9	2
4	TELLINA SP		2	2			3	7	3
5	ACLIS SPA						5	5	1
6	PARAONIS GRACILIS			1	2	2		5	3
7	MAGELONA LONGICORNIS		2	2				4	2
8	PARAONIDAE	2				2		4	2
9	CORBULA CF CONTRACTA		1	1		1	1	4	4
10	AMPELISCA SPA					1	2	3	2
11	COSSURA DELTA			1		2		3	2
12	NEPHTYS INCISA	1			1	1		3	3
13	OSTRACOD SPY		2					2	1
14	PARAONIDES LYRA		1			1		2	2
15	PROCESSA HEMPHILLI		2					2	1
16	PARAPRIONOSPIO PINNATA			1		1		2	2
17	PARAONIS SPA			1		1		2	2
18	NEREID(NICON) SPA			1		1		2	2
19	NINOE NIGRIPES			1		1		2	2
20	CARIDEA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	EUDORELLA MONODON		1					1	1
22	SPIOPHANES WIGLEYI					1		1	1
23	SIGAMBRA BASSI						1	1	1
24	LUMBRINERIS PARVAPEDATA	1						1	1
25	PHILINE SAGRA			1				1	1
26	STROMBIFORMIS BILINEATUS			1				1	1
27	NEMERTINEA	1						1	1
28	AMPELISCA AGASSIZI			1				1	1
29	NOTOMASTUS CF LATERICEUS		1					1	1
30	ONUPHIS SPA					1		1	1
31	AEDICIRA BELGICAE		1					1	1
32	CUSPIDARIIDAE	1						1	1
33	THARYX FILIBRANCHIA					1		1	1
34	SIPUNCULA					1		1	1
35	MEDIOMASTUS CALIFORNIENSIS					1		1	1
36	CAULLERIELLA SPA					1		1	1
37	PYCNOGONIDA					1		1	1
38	PSEUDEURYTHOE AMBIGUA						1	1	1
39	THARYX MARIONI					1		1	1
40	SABELLIDAE						1	1	1
41	ONUPHIS MAGNA				1			1	1
42	EUCHONE ROSEA				1			1	1
43	GLYCERA TESSELATA		1					1	1
44	AMPHICTEIS GUNNERI					1		1	1
45	DRILONEREIS MAGNA			1				1	1
46	AMYGDALUM PAPYRIUM				1			1	1
	NO. OF SPECIES	7	13	15	8	22	9		
	NO. OF INDIVIDUALS	10	25	66	16	48	32	197	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	46	197	3.6941	.8011	.4130

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	GNATHIA SP		3	18	4		2	27	4
2	SIPUNCULA	1	20	1	1		4	27	5
3	CORBULA CF CONTRACTA		9	6		1	7	23	4
4	PARAONIS GRACILIS	1	5		3	2	3	14	5
5	PITAR CORDATUS	5					6	11	2
6	PARAMPHINOME PULCHELLA		5	3			2	10	3
7	RISSOINA CANCELLATA		2			5	2	9	3
8	HETEROPHOXUS CF OCULATUS		2	4			2	8	3
9	SIGAMBRA TENTACULATA	5		2				7	2
10	COSSURA DELTA	2	1		1	2	1	7	5
11	SPIONIDAE		6		1			7	2
12	OPHIUROIDEA		2	2			1	5	3
13	LUMBRINERIS PARVAPEDATA	1	3	1				5	3
14	PARAONIDES LYRA		2	1		1	1	5	4
15	MINUSPIO LONGIBRANCHIATA			5				5	1
16	PARALACYDONIA PARADOXA	2			2	1		5	3
17	ARMANDIA MACULATA	2	2			1		5	3
18	METAPHOXUS CF FREQUENS		2				3	5	2
19	NEMERTINEA		1		2		1	4	3
20	THARYX MARIONI			1	2		1	4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CIRRATULID SPA		3					3	1
22	PARASTEROPE SPP		1				2	3	2
23	SPIOCHAETOPTERUS COSTARUM					2	1	3	2
24	THYASIRA SP	2						2	1
25	AMYGDALUM PAPYRIUM	1				1		2	2
26	POLYCHAETE SPA		1	1				2	2
27	NOTOMASTUS CF LATERICEUS		1		1			2	2
28	POLYNOIDAE		2					2	1
29	PARAONIS SPA			1		1		2	2
30	NEREIS SPA		2					2	1
31	AMPELISCA SPA	2						2	1
32	PHILOMEDES SPC		1				1	2	2
33	NEREIS SP				1		1	2	2
34	NATICA SP		1					1	1
35	DENTALIUM SOWERBYI		1					1	1
36	SYLLIS CF ANOPS						1	1	1
37	LEPTOCHELIA SP		1					1	1
38	PROCESSA HEMPHILLI		1					1	1
39	ALPHEUS AMBLYONYX		1					1	1
40	CUMELLA SP		1					1	1
41	ALTERNOCHELATA SPA					1		1	1
42	STERNASPIS SCUTATA		1					1	1
43	LUMBRINERIS ALBIDENTATA			1				1	1
44	ERIOPISA INCISA				1			1	1
45	ACLIS SPA					1		1	1
46	SCUTOPUS SPA						1	1	1
47	ANTHURID SPA			1				1	1
48	SIGAMBRA BASSI						1	1	1
49	NOTOMASTUS LATERICEUS				1			1	1
50	SCAPHANDER WATSONI	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SYNALPHEUS SP				1			1	1
52	SYLLIS SP			1				1	1
53	NEPHTYS INCISA					1		1	1
54	PHILINE SAGRA						1	1	1
55	PARAPRIONOSPIO PINNATA	1						1	1
56	THARYX ANNULOSUS		1					1	1
57	MAGELONA PHYLLISAE				1			1	1
58	CUMACEAN SPJ						1	1	1
59	HARMOTHOE SP				1			1	1
60	GLYCERA SP		1					1	1
61	NEREID SPB			1				1	1
62	NEREIDAE			1				1	1
63	AGLAOPHAMUS CIRCINATA		1					1	1
64	STHENELAIS SP						1	1	1
65	MONOCULOIDES SPC			1				1	1
66	MEGALOMMA CF BIOCULATUM						1	1	1
67	MEDIOMASTUS CALIFORNIENSIS		1					1	1
	NO. OF SPECIES	13	33	19	15	13	25		
	NO. OF INDIVIDUALS	26	87	52	23	20	48	256	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	11	67	256	5.1632	.9579	.8209

TABLE 3 CONT.'D

STATION 1 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	41	15	10	26	19	34	145	6
2	ASYCHIS SP		5	13	10	9	11	48	5
3	VITRINELLA FLORIDANA		4	1	3	39		47	4
4	PARAPRIONOSPIO PINNATA	9	3	7	1	7	7	34	6
5	NEMERTINEA	3	13	6	5	3	4	34	6
6	NEPHTYS INCISA	9	5	4	3	2	8	31	6
7	COSSURA DELTA	7	2	3	1	7	3	23	6
8	MEDIOMASTUS CALIFORNIENSIS	2		3		10		15	3
9	SIPUNCULA		1	1	3	1	5	11	5
10	SIGAMBRA TENTACULATA	4	1	1	1	1	1	9	6
11	NUCULANA CONCENTRICA	1	1	1		1	4	8	5
12	NATICA SP	1	3	1		2	1	8	5
13	POLYCHAETE SPA	7						7	1
14	ZOANTHARIA		2		3			5	2
15	LUMBRINERIS PARVAPEDATA	1				3	1	5	3
16	ERIOPISA SPB		1		3			4	2
17	PINNOTHERIDAE			2	1	1		4	3
18	ASYCHIS ELONGATA	2	1				1	4	3
19	NOTOMASTUS CF LATERICEUS	1	1		1			3	3
20	STHENELAIS BOA				2	1		3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEPHTYIDAE	3						3	1
22	PARAONIS GRACILIS		1				1	2	2
23	LISTRIELLA BARNARDI	1				1		2	2
24	ALPHEUS FLORIDANUS					2		2	1
25	DIOPATRA CUPREA					1	1	2	2
26	NUCULANA ACUTA	1				1		2	2
27	NINOE NIGRIPES						2	2	1
28	CAPITELLIDAE	2						2	1
29	HYDROZOA				2			2	1
30	ARICIDEA WASSI				1			1	1
31	AMPHARETIDAE	1						1	1
32	NEREIS LAMELLOSA	1						1	1
33	CAPITELLID SPC			1				1	1
34	LUMBRINERIS TENUIS	1						1	1
35	ACTINARIA SPA	1						1	1
36	ANCISTROSYLLIS JONESI			1				1	1
37	THARYX ANNULOSUS					1		1	1
38	GONIADA TERES					1		1	1
39	BRANCHIOSTOMA CARIBAEUM			1				1	1
40	MAGELONA LONGICORNIS						1	1	1
41	SPIOCHAETOPTERUS COSTARUM		1					1	1
42	OPHIUROIDEA		1					1	1
43	ALPHEUS SP					1		1	1
44	AEDICIRA ALBATROSSAE	1						1	1
45	CORBULA CF CONTRACTA	1						1	1
46	BRYOZOA	1						1	1
47	SIGAMBRA BASSI						1	1	1
48	PORIFERA				1			1	1
49	OBELIA SPA		1					1	1
50	ARMANDIA MACULATA	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	MALDANIDAE			1				1	1
	NO. OF SPECIES	25	19	17	17	22	17		
	NO. OF INDIVIDUALS	103	62	57	67	114	86	489	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	1	51	489	3.9420	.8758	.4510

TABLE 3 CONT.'D

STATION 2 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ASYCHIS SP	64	31	79	25	61	43	303	6
2	ASYCHIS ELONGATA	19	6	4	3	4	8	44	6
3	PARAONIS SPA	1		12	3	5	4	25	5
4	PARAPRIONOSPIO PINNATA	4		8	4	4	3	23	5
5	NEPHTYS INCISA	1	7	1	2	5	2	18	6
6	NEMERTINEA			5		6	5	16	3
7	PARAONIS GRACILIS	3	1	1	3	5	2	15	6
8	NOTOMASTUS CF LATERICEUS	4	4	2	1	3		14	5
9	NEREID(NICON) SPA	2	1	1	1	6		11	5
10	MAGELONA LONGICORNIS	1	2	4			1	8	4
11	MAGELONA ROSEA	2	2	2	2			8	4
12	CIRROPHORUS LYRIFORMIS	1	1	2			4	8	4
13	LUMBRINERIS PARVAPEDATA	2		3	2			7	3
14	NEPHTYIDAE	2	2		2			6	3
15	COSSURA DELTA		3		1	1	1	6	4
16	MINUSPIO SP	1		1			2	4	3
17	GNATHIA SP	1					2	3	2
18	AEDICIRA BELGICAE	1	1				1	3	3
19	ACLIS SPA				3			3	1
20	ARMANDIA MACULATA	1		2				3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AUTOMATE EVERMANNI					2	1	3	2
22	GONIADIDAE		1			2		3	2
23	ARABELLID SPA						3	3	1
24	AMPELISCA VERRILLI			2				2	1
25	GONEPLACIDAE			1	1			2	2
26	NOTOMASTUS LATERICEUS			1			1	2	2
27	MINUSPIO LONGIBRANCHIATA						2	2	1
28	SPIOPHANES LONGICIRRUS				1		1	2	2
29	SPIONIDAE					2		2	1
30	DIOPATRA CUPREA		1			1		2	2
31	APSEUDES SPA		1	1				2	2
32	DRILONEREIS MAGNA	2						2	1
33	MEDIOMASTUS CALIFORNIENSIS						2	2	1
34	NINOE NIGRIPES		1	1				2	2
35	ONUPHIS MAGNA			1				1	1
36	SCOLELEPIS TEXANA						1	1	1
37	CIRROPHORUS BRANCHIATUS	1						1	1
38	LUMBRINERIDAE		1					1	1
39	AMPELISCA SPA			1				1	1
40	NEREIDAE	1						1	1
41	NEREID SPB						1	1	1
42	GONIADA TERES					1		1	1
43	ALPHEUS SP					1		1	1
44	PINNOTHERIDAE					1		1	1
45	MALACOCEROS VANDERHORSTI	1						1	1
46	THARYX MARIONI	1						1	1
47	MALACOCEROS SP	1						1	1
48	HESIONIDAE	1						1	1
49	ASYCHIS CAROLINAE						1	1	1
50	ONUPHIS SPD						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PARAONIDAE						1	1	1
52	OPHIUROIDEA					1		1	1
53	THARYX ANNULOSUS						1	1	1
54	NATICA SP			1				1	1
55	SIPUNCULA			1				1	1
56	BRANCHIOSTOMA CARIBAEUM					1		1	1
57	SIGAMBRA TENTACULATA				1			1	1
58	STHENELAIS BOA	1						1	1
59	CAPITELLA CAPITATA				1			1	1
60	PYRUNCULUS CAELATUS				1			1	1
61	AMPHICTEIS GUNNERI				1			1	1
62	PARAMPHINOME PULCHELLA			1				1	1
63	MINUSPIO CIRRIFERA				1			1	1
64	GYPTIS VITTATA			1				1	1
65	CYCLOCARDIA ARMILLA				1			1	1
66	OLIGOCHAETA						1	1	1
67	LUMBRINERIS ALBIDENTATA			1				1	1
	NO. OF SPECIES	25	17	27	21	19	26		
	NO. OF INDIVIDUALS	119	66	140	60	112	95	592	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	I	67	592	3.4161	.7259	.2388

TABLE 3 CONT.'D

STATION 3 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	3	4		1	2	3	13	5
2	SIPUNCULA	5	2	1	1	1	1	11	6
3	PARAONIS GRACILIS		4	2		2	2	10	4
4	NEMERTINEA	5				1	1	7	3
5	COSSURA DELTA	2		1	2			5	3
6	NEPHTYIDAE	1	1			2		4	3
7	OPHIUROIDEA	1	2			1		4	3
8	AGLAOPHAMUS CIRCINATA	1		1		1	1	4	4
9	CIRRATULIDAE	1				1	1	3	3
10	SANGUINOLARIA SANGUINOLENTA		1				2	3	2
11	NINOE NIGRIPES				2		1	3	2
12	BYBLIS CF GAIMARDI	2		1				3	2
13	PARALACYDONIA PARADOXA		2				1	3	2
14	NEPHTYS INCISA		1		2			3	2
15	PARAPRIONOSPIO PINNATA		1		1	1		3	3
16	CERATOCEPHALE LOVENI	1			1			2	2
17	ONUPHIDAE			1			1	2	2
18	GONEPLACIDAE					2		2	1
19	PARDALISCID SPA	1				1		2	2
20	SARSIELLA SPB		2					2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ARMANDIA MACULATA	1				1		2	2
22	THARYX MARIONI		1			1		2	2
23	AMPELISCA SPA	1			1			2	2
24	SCUTOPUS SPA	1						1	1
25	ANCISTROSYLLIS SP			1				1	1
26	STERNASPIS SCUTATA			1				1	1
27	ECHIURIDEA		1					1	1
28	THARYX ANNULOSUS		1					1	1
29	NUCULANA ACUTA		1					1	1
30	OSTRACOD SPMM	1						1	1
31	HIPPOMEDON CF SERRATUS		1					1	1
32	POLYCHAETE SPA		1					1	1
33	CALLIANASSA LATISPINA				1			1	1
34	PARAONIDES LYRA					1		1	1
35	CAULLERIELLA CAPENSIS		1					1	1
36	ANTHURID SPA	1						1	1
37	AMPELISCA AGASSIZI					1		1	1
38	PELECYPOD SPA						1	1	1
39	LUMBRINERIS PARVAPEDATA	1						1	1
40	ONUPHIS MAGNA						1	1	1
41	APSEUDES SPA					1		1	1
42	ALPHEIDAE	1						1	1
43	MAJIDAE	1						1	1
44	CIRROPHORUS LYRIFORMIS						1	1	1
45	ALTERNOCHELATA SPA	1						1	1
46	TETRAGONODON SPA	1						1	1
47	STHENELAIS SP						1	1	1
48	CHAETODERMA SPA						1	1	1
49	GLYCERA TESSELATA				1			1	1
50	AUTOMATE EVERMANNI					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SYLLIS SPC					1		1	1
52	ARICIDEA JEFFREYSII						1	1	1
53	OPHIODROMUS OBSCURUS					1		1	1
54	XENANTHURA BREVITELSON					1		1	1
55	MAGELONA LONGICORNIS	1						1	1
56	AMPELISCA ABDITA					1		1	1
57	PROCESSIDAE	1						1	1
58	EUDORELLA MONODON				1			1	1
59	PHYLLODOCE MUCOSA					1		1	1
60	SPIONIDAE					1		1	1
61	CROPHIUM ASCHERUSICUM			1				1	1
62	GONIADA MACULATA	1						1	1
	NO. OF SPECIES	24	17	9	11	23	16		
	NO. OF INDIVIDUALS	36	27	10	14	27	20	134	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	I	62	134	5.4004	.9713	1.0000

TABLE 3 CONT.'D

STATION 4 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	89		183	136	142	153	703	5
2	SIPUNCULA	21	36	37	20	19	67	200	6
3	LUMBRINERIS PARVAPEDATA	27	24	29	28	28	38	174	6
4	NEMERTINEA		15	11	14		20	60	4
5	POLYCHAETE SPA		2	13	5	14	22	56	5
6	AGLAOPHAMUS CIRCINATA	6	10	17	10	1	12	56	6
7	MEDIOMASTUS CALIFORNIENSIS	2		11	7	5	29	54	5
8	NEREID(NICON) SPA	17	7	10	3	5	11	53	6
9	OPHIUROIDEA	4	3	4	6	14	7	38	6
10	PARAPRIONOSPIO PINNATA	4	12	1	13		6	36	5
11	AMPELISCA SPH	5	2	2	1	10	9	29	6
12	MAGELONA PETTIBONEAE	2		4	6	5	10	27	5
13	PINNOTHERIDAE	1	5	5	3	1	6	21	6
14	MALDANIDAE	1	4	6	2	5	3	21	6
15	ASYCHIS SP	5	5		6	1	4	21	5
16	AMPELISCA AGASSIZI	4	1	9	1	1	2	18	6
17	MAGELONA ROSEA	1		2	3	7	5	18	5
18	LUMBRINERIS TENUIS		2		1	5	6	14	4
19	TELLINA VERSICOLOR		1			11		12	2
20	NEPHTYS BUCERA	4	2	1	2	2		11	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	TELLINA SP		2		1		7	10	3
22	SPIONIDAE		4	1			4	9	3
23	ERYCINA SPA		2		3	3		8	3
24	PALEANOTUS HETEROSETA			1		3	3	7	3
25	DIOPATRA CUPREA	2	3		2			7	3
26	ARCIDAE		3		1	1	2	7	4
27	CORBULA CF CONTRACTA		1				5	6	2
28	PARAONIDES LYRA	2					4	6	2
29	ABRA AEQUALIS		1	1		1	3	6	4
30	NEREIS LAMELLOSA			1	1	3		5	3
31	HAPLOSCOLOPLOS FOLIOSUS					5		5	1
32	COSSURA DELTA		1		1	2	1	5	4
33	CABIRA INCERTA			1			3	4	2
34	NINOE NIGRIPES	1	1	1			1	4	4
35	PARAONIDAE		1	1	1	1		4	4
36	ARICIDEA WASSI		1	1		1	1	4	4
37	TEREBELLIDES STROEMII	1	1	1		1		4	4
38	AUTOMATE EVERMANNI			1	1	1	1	4	4
39	SCOLOPLOS RUBRA			1	3			4	2
40	AEDICIRA BELGICAE			1		2		3	2
41	ARMANDIA MACULATA			1		2		3	2
42	CIRROPHORUS LYRIFORMIS		2	1				3	2
43	OWENIA FUSIFORMIS		1	1		2		3	2
44	PRIONOSPIO CRISTATA	1			1	1	2	3	2
45	CLYMENELLA TORQUATA	1	2					3	2
46	ANCISTROSYLLIS PAPILLOSA		1	2				3	2
47	CALLIANASSA ACANTHOCHIRUS					1	2	3	2
48	NEPHTYS MAGELLANICA						3	3	1
49	CANTHARUS CANCELLARIA			2			1	3	2
50	AMPHARETE ACUTIFRONS			1		1	1	3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	HEMICYCLOPS SP						2	2	1
52	THYASIRA SPA		2					2	1
53	ANADARA OVALIS		2					2	1
54	ARICIDEA JEFFREYSII						2	2	1
55	NUCULA PROXIMA				2			2	1
56	GONEPLACIDAE				1		1	2	2
57	OXYDROSTYLIS SP				1	1		2	2
58	SIGAMBRA TENTACULATA					1	1	2	2
59	PILARGIIDAE					1	1	2	2
60	NOTOMASTUS LOBATUS					1	1	2	2
61	NATICA SP	1				1		2	2
62	ONUPHIS SPA	1		1				2	2
63	PIROMIS ARENOSUS						2	2	1
64	TRACHYPENAEUS SIMILIS					1	1	2	2
65	ACTINARIA	1				1		2	2
66	AGLAOPHAMUS VERRILLI		1	1				2	2
67	XANTHIDAE		1				1	2	2
68	PARAONIS GRACILIS	1				1		2	2
69	LUMBRINERIDAE			2				2	1
70	SERPULA VERMICULARIS			2				2	1
71	LEPIDASTHENIA MACULATA					1	1	2	2
72	GLYCERA AMERICANA			1		1		2	2
73	ZOANTHARIA			1			1	2	2
74	THARYX MARIONI			1			1	2	2
75	PARANTHUS SP						1	1	1
76	POLYDORA SP						1	1	1
77	STIMELAIS BOA						1	1	1
78	HOLOTHUROIDEA		1					1	1
79	POLINICES DUPLICATUS				1			1	1
80	CROPHIUM ASCHEFUSICUM					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	AMADARA TRANSVERSA						1	1	1
82	AMPHARETIDAE				1			1	1
83	PAGURUS SP					1		1	1
84	CALLIANASSA SP		1					1	1
85	ORBINIIDAE	1						1	1
86	MINUSPIO CIRRIFERA	1						1	1
87	EUCERAMUS PRAELONGUS					1		1	1
88	OGYRIDES LIMICOLA					1		1	1
89	STHENELAIS SP					1		1	1
90	MONNA SP		1					1	1
91	ASYCHIS CAROLINAE						1	1	1
92	MAGELONA LONGICORNIS					1		1	1
93	NEREIS SP					1		1	1
94	DRILONEREIS MAGNA					1		1	1
95	ACTINARIA SPA						1	1	1
96	TURBONILLA PORTORICANA				1			1	1
97	GYPTIS VITTATA			1				1	1
98	AMPHARETE AMERICANA					1		1	1
99	ONUPHIDAE		1					1	1
100	SICYONIA DORSALIS			1				1	1
101	DIPLODONTA CF SOROR			1				1	1
102	CERATOCEPHALE LOVENI						1	1	1
103	UPOGEBIA AFFINIS						1	1	1
104	LISTRIELLA BARNARDI				1			1	1
105	CYCLASPIS VARIANS					1		1	1
106	GLYCERA TESSELATA				1			1	1
107	GLYCERA SPP			1				1	1
108	MINUSPIO LONGIBRANCHIATA						1	1	1
109	SNUILLA EMPUSA					1		1	1
110	HEXAPANOPEUS ANGUSTIFRONS			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	CARIDEA		1					1	1
112	ANCISTROSYLLIS JONESI						1	1	1
113	PAGURINAE			1				1	1
114	PARALACYDONIA PARADOXA						1	1	1
115	SIGALIONIDAE						1	1	1
116	AEDICIRA ALBATROSSAE					1		1	1
	NO. OF SPECIES	27	40	48	37	56	59		
	NO. OF INDIVIDUALS	206	168	380	291	328	481	1854	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	I	116	1854	4.0184	.8295	.2155

TABLE 3 CONT.'D

STATION 5 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	21	3	28		16	14	82	5
2	PARAONIS GRACILIS	5	3	3	1	4		16	5
3	PARAONIS SPA		1				8	9	2
4	NEMERTINEA	2	3	2				7	3
5	CORBULA CF CONTRACTA			7				7	1
6	STERNASPIS SCUTATA	3				1		4	2
7	NEPHTYS INCISA	3	1					4	2
8	COSSURA DELTA		1			2		3	2
9	TEREBELLIDES STROEMII	1	1			1		3	3
10	AMPELISCA AGASSIZI	3						3	1
11	SPIONIDAE		2					2	1
12	LUMBRINERIS TENUIS	1					1	2	2
13	OPHIUROIDEA						2	2	1
14	ARICIDEA TAYLORI		1		1			2	2
15	FINELLA DUBIA			1			1	2	2
16	DENTALIUM SOWERBYI	1		1				2	2
17	SOLEMYA SPA	1					1	2	2
18	PARALACYDONIA PARADOXA			1		1		2	2
19	SIPUNCULA	1				1		2	2
20	SIGAMBRA TENTACULATA	1	1					2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA LONGICORNIS	1				1		2	2
22	MEDIOMASTUS CALIFORNIENSIS		1					1	1
23	ARICIDEA JEFFREYSII		1					1	1
24	CHLOEIA VIRIDIS		1					1	1
25	HYBLIS CF GAIMARDI	1						1	1
26	THARYX MARIONI					1		1	1
27	APSEUDES SPA						1	1	1
28	PYRUNCULUS CAELATUS		1					1	1
29	TELLINA SP						1	1	1
30	SARSIELLID NSPC					1		1	1
31	ONUPHIDAE						1	1	1
32	OLIGOCHAETA				1			1	1
33	EXOGONE VERUGERA					1		1	1
34	AMPELISCA SPA					1		1	1
35	NISO INTERRUPTA					1		1	1
36	THYASIRA SPA		1					1	1
37	EUDORELLA MONODON	1						1	1
38	SCUTOPUS SPA			1				1	1
39	CUMACEAN SPC					1		1	1
40	SCLEROCONCHA SPA						1	1	1
41	AMYGDALUM PAPYRIUM			1				1	1
	NO. OF SPECIES	15	15	9	3	14	10		
	NO. OF INDIVIDUALS	46	22	45	3	33	31	180	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	I	41	180	3.5788	.7796	.4390

TABLE 3 CONT.'D

STATION 6 TRANSECT I PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	3	3	4	2	4	6	22	6
2	PARALACYDONIA PARADOXA	5	1	4	1	2	4	17	6
3	SIGAMBRA TENTACULATA	3		1	4	4		12	4
4	THARYX MARIONI	1	1		3	2		7	4
5	COSSURA DELTA		2	2	3			7	3
6	ALTERNOCHELATA SPA	1			2	4		7	3
7	NEPHTYS INCISA	2		1	3			6	3
8	PARAPRIONOSPIO PINNATA			3	2		1	6	3
9	PARAONIS GRACILIS		1		1	2	1	5	4
10	AGLAOPHAMUS CIRCINATA			1	1	1	1	4	4
11	ACLIS SPA				1	3		4	2
12	STERNASPIS SCUTATA	3			1			4	2
13	SOLEMYA SPA		1		3			4	2
14	UNCIOLA SERRATA			2		2		4	2
15	TEREBELLIDES STROEMII	1			1		1	3	3
16	PARAONIS SPA					3		3	1
17	ERIOPISA INCISA	2					1	3	2
18	DENTALIUM SOWERBYI	1				1	1	3	3
19	AMPELISCA SPA			2	1			3	2
20	NINOE NIGRIPES			1			1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GNATHIA SP			1	1			2	2
22	THYASIRA SPA	1			1			2	2
23	CALLIANASSA LATISPINA			1			1	2	2
24	CAPITELLIDAE			1		1		2	2
25	ARMANDIA MACULATA	1	1					2	2
26	NEPHTYIDAE					2		2	1
27	NEMERTINEA						2	2	1
28	MONOCULOIDES SPC	1		1				2	2
29	SABELLARIDAE						2	2	1
30	OPHIUROIDEA	1				1		2	2
31	NEREID(NICON) SPA	1						1	1
32	HOLOTHUROIDEA		1					1	1
33	ONUPHIDAE					1		1	1
34	CUSPIDARIA MEDIA		1					1	1
35	CHLOEIA VIRIDIS				1			1	1
36	SABELLIDAE					1		1	1
37	AMPELISCA ABDITA	1						1	1
38	OSTRACOD SPD					1		1	1
39	PARADNIDES LYRA	1						1	1
40	CHAETODERMA SPA		1					1	1
41	AMPHIPOD SPA	1						1	1
42	OPHIODROMUS OBSCURUS				1			1	1
43	SCUTOPUS SPA					1		1	1
44	CALLIANASSA SP						1	1	1
45	LUMBRINERIDAE	1						1	1
46	HETEROPHOXUS CF OCULATUS				1			1	1
47	LUMBRINERIS PARVAPEDATA				1			1	1
48	NUCULA PROXIMA				1			1	1
49	AMPELISCA AGASSIZI			1				1	1
50	AMPHARETE ACUTIFRONS		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	MAGELONA LONGICORNIS			1				1	1
52	ONUPHIS SPB				1			1	1
53	SCLEROCONCHA SPA					1		1	1
54	SIGAMBRA BASSI				1			1	1
55	ANTHURID SPA	1						1	1
56	CHAETOZONE GAYHEADIA				1			1	1
57	GLYCERA TESSELATA				1			1	1
58	POLYNOIDAE	1						1	1
	NO. OF SPECIES	21	11	16	26	19	13		
	NO. OF INDIVIDUALS	33	14	27	40	37	23	174	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	1	58	174	5.1643	.9607	.9483

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	54	30	40	18	42	21	205	6
2	NEREID(NICON) SPA	6	4	10	3	7	2	32	6
3	MEDIOMASTUS CALIFORNIENSIS	4	5	7	3	9	2	30	6
4	AMPELISCA AGASSIZI	5	2	7	1	8	1	24	6
5	MAGELONA PHYLLISAE		4	1	3	10	4	22	5
6	NEPHTYS INCISA	4	4	4	2	3	4	21	6
7	NEMERTINEA	5	2		2	6	2	17	5
8	SIGAMBRA TENTACULATA	1	3	2	1	4	1	12	6
9	COSSURA DELTA		1	3	1	2	3	10	5
10	MAGELONA ROSEA		3	2		1	2	8	4
11	ARMANDIA MACULATA		1		1	3	3	8	4
12	NATICA SP		1			4	1	6	3
13	NATICA PUSILLA	6						6	1
14	VITRINELLA FLORIDANA					4	1	5	2
15	AMPELISCA ABDITA		1	2		2		5	3
16	MINOE NIGRIPES		2	1	1			4	3
17	ZOANTHARIA		4					4	1
18	ERIOPISA SPB		1			2		3	2
19	AMPELISCA VERRILLI		1			2		3	2
20	TRACHYPENAEUS SP	2						2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	STHENELAIS BOA				1	1		2	2
22	PINNOTHERIDAE				1	1		2	2
23	AUTOMATE SP	2						2	1
24	MAGELONA LONGICORNIS			2				2	1
25	GONEPLACIDAE	1			1			2	2
26	PHOTIS MACROMALUS				1	1		2	2
27	OBELIA SPA	1			1			2	2
28	LUMBRINERIS PARVAPEDATA			1			1	2	2
29	NEREIDAE						1	1	1
30	MACOMA TENTA				1			1	1
31	ALPHEUS SP				1			1	1
32	PARAONIS GRACILIS						1	1	1
33	OMUPHIS SPD			1				1	1
34	HARMOTHOE IMBRICATA			1				1	1
35	AUTOMATE EVERMANNI					1		1	1
36	OPHIUROIDEA			1				1	1
37	PRIONOSPIO CRISTATA		1					1	1
38	PROCESSA HEMPHILLI	1						1	1
39	AMPELISCA SPB						1	1	1
	NO. OF SPECIES	13	18	16	18	20	17		
	NO. OF INDIVIDUALS	92	70	85	43	113	51	454	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	39	454	3.3842	.7769	.4103

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	CORBULA CF CONTRACTA	2	3	1	2	27	6	41	6
2	NEPHTYS INCISA		2	8	1	2	20	33	5
3	PARAONIS SPA	8		2	3		1	14	4
4	PARAONIS GRACILIS		7	2	1	1	2	13	5
5	PARAPRIONOSPIO PINNATA	1	1	3	1	3	2	11	6
6	KALLIAPSEUDES SPA	1		1	6	1	2	11	5
7	NEMERTINEA			1	7	2		10	3
8	MAGELONA LONGICORNIS	2	2	3	1			8	4
9	EUDORELLA MONODON		1	2		2	1	6	4
10	COSSURA DELTA	1	2		1	1		5	4
11	GONEPLACIDAE			1	1	1	1	4	4
12	PINNOTHERIDAE			1		1	2	4	3
13	ABRA AEQUALIS						4	4	1
14	CIRROPHORUS LYRIFORMIS		1		1	1	1	4	4
15	THARYX MARIONI	1	2			1		4	3
16	PARAONIDES LYRA		1	1	2			4	3
17	ALPHEIDAE	1			1	1		3	3
18	LUMBRINERIS PARVAPEDATA		1	1	1			3	3
19	SIGAMBRA TENTACULATA		1	1		1		3	3
20	AEDICIRA BELGICAE		1	2				3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO LONGIBRANCHIATA		1			2		3	2
22	ACLIS SPA		1	2				3	2
23	SPIONIDAE	1			1		1	3	3
24	OBELIA SPA		1			1		2	2
25	ARMANDIA MACULATA			1		1		2	2
26	AMPHIPOD SPA	1			1			2	2
27	ALPHEUS SP				1	1		2	2
28	LUMBRINERIS TENUIS	1		1				2	2
29	LUMBRINERIDAE						2	2	1
30	OPHIUROIDEA		1		1			2	2
31	SPIOPHANES WIGLEYI	1			1			2	2
32	NINOE NIGRIPES			1			1	2	2
33	NOTOMASTUS CF LATERICEUS		1					1	1
34	PITAR CORDATUS						1	1	1
35	NEREID(NICON) SPA		1					1	1
36	PHOTID SPA				1			1	1
37	NATICA SP			1				1	1
38	ANACHIS CALLIGLYPTA				1			1	1
39	ONUPHIS SPA						1	1	1
40	EPITONIIDAE						1	1	1
41	AEDICIRA ALBATROSSAE						1	1	1
42	MAGELONA ROSEA			1				1	1
43	AMPELISCA AGASSIZI			1				1	1
44	MACOMA PULLEYI			1				1	1
45	OPHIODROMUS OBSCURUS			1				1	1
46	CHAETOZONE SETOSA				1			1	1
47	PARAONIDAE					1		1	1
48	SIPUNCULA	1						1	1
49	FRIOPISA SPB		1					1	1
50	SIGAMBRA BASSI				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SIGAMBRA SP						1	1	1
	NO. OF SPECIES	13	20	24	23	19	19		
	NO. OF INDIVIDUALS	22	32	40	38	51	51	234	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	11	51	234	4.6847	.9343	.7647

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS		1	1	1		6	9	4
2	THARYX MARIONI	4				4	3	8	3
3	SIGAMBRA TENTACULATA	2	4			1	1	8	4
4	NEPHTYIDAE	1		1	1	1	3	7	5
5	POECILOCHAETUS JOHNSONI	1		1	3		1	6	4
6	SARSIELLA SPP	1	1	2	1		1	6	5
7	PELECYPOD SPA	2					3	5	2
8	SIPUNCULA				2	2		4	2
9	PARAPRIONOSPIO PINNATA		1			1	2	4	3
10	TETRAGONODON SPA	2	2					4	2
11	PARAONIS SPA		1		1	1		3	3
12	DENTALIUM SOWERBYI	1		1			1	3	3
13	APSEUDES SPA				2		1	3	2
14	SPIONIDAE				2		1	3	2
15	PHILOMEDES SPA	1	1				1	3	3
16	LUMBRINERIS PARVAPEDATA			1			2	3	2
17	SYNELMIS SPA		1		1			2	2
18	AMPELISCA SPA			1			1	2	2
19	SYLLIS SPC				2			2	1
24	HETEROPHOXUS CF OCULATUS				2			2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	COSSURA DELTA		1			1		2	2
22	OPHIUROIDEA		1			1		2	2
23	SCLEROCONCHA SPA				1		1	2	2
24	PARALACYDONIA PARADOXA	1			1			2	2
25	NUCULANA ACUTA		2					2	1
26	NEPHTYS INCISA		2					2	1
27	OPHELIIDAE		1					1	1
28	ERIOPISA INCISA	1						1	1
29	CARIDEA		1					1	1
30	POLYODONTES LUPINA		1					1	1
31	GLYCERIDAE		1					1	1
32	CAPITELLID SPB		1					1	1
33	NEMERTINEA				1			1	1
34	FLABELLIGERIDAE		1					1	1
35	MALDANIDAE					1		1	1
36	HESIONIDAE				1			1	1
37	SYLLIDAE						1	1	1
38	ONUPHIDAE				1			1	1
39	HYBLIS CF GAIMARDI						1	1	1
40	ARMANDIA MACULATA			1				1	1
41	AMPHINOMIDAE			1				1	1
42	XENANTHURA BREVITELSON						1	1	1
43	ALTERNOCHELATA SPA	1						1	1
44	CHAETOZONE GAYHEADIA				1			1	1
45	AEDICIRA BELGICAE				1			1	1
46	OSTRACOD SPEE				1			1	1
47	MINUSPIO LONGIBRANCHIATA	1						1	1
48	CIRRATULIDAE			1				1	1
49	NINOE NIGRIPES		1					1	1
50	GYPTIS VITTATA				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	GONEPLACIDAE					1		1	1
52	NATICA SP			1				1	1
53	HIPPOMEDON CF SERRATUS			1				1	1
	NO. OF SPECIES	13	19	12	20	10	18		
	NO. OF INDIVIDUALS	19	25	13	27	11	31	126	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	53	126	5.3088	.9747	1.0943

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	AMPELISCA AGASSIZI	1	1		6		24	32	4
2	NEPHTYS INCISA	2		3	10	8	2	25	5
3	PARAPRIONOSPIO PINNATA		4	1	10	3		18	4
4	PARADNIS GRACILIS	3	2	1	2	1	4	13	6
5	EUDORELLA MONODON	1	1	2	4	1	3	12	6
6	NOTOMASTUS CF LATERICEUS	4		1		1	6	12	4
7	NEMERTINEA	3	2	4	1	1		11	5
8	LUMBRINERIS PARVAPEDATA		1	1	6	2		10	4
9	ACLIS SPA	1			2	6		9	3
10	COSSURA DELTA	4	1	2		1		8	4
11	MEDIOMASTUS CALIFORNIENSIS	4		2	1			7	3
12	SIGAMBRA TENTACULATA	2		3	1		1	7	4
13	AMPELISCA VERRILLI	1		1	4			6	3
14	AMPELISCA ABDITA			1	2	1	1	5	4
15	MAGELONA ROSEA	2					2	4	2
16	SPIONIDAE	1			3			4	2
17	NEPHTYIDAE		3					3	1
18	MAGELONA LONGICORNIS		2	1				3	2
19	THARYX MARIONI		1	1			1	3	3
20	AUTOMATE EVERMANNI			2			1	3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CIRROPHORUS LYRIFORMIS				1		1	2	2
22	ARMANDIA MACULATA	1		1				2	2
23	MINUSPIO CIRRIFERA			2				2	1
24	DRILONEREIS MAGNA	1		1				2	2
25	VOLVULELLA TEXASIANA			1			1	2	2
26	NATICA SP	1						1	1
27	MACOMA PULLEYI	1						1	1
28	CAMPANULARIDAE	1						1	1
29	PSEUDEURYTHOE AMBIGUA				1			1	1
30	PARAONIDES LYRA			1				1	1
31	SPIOPHANES WIGLEYI				1			1	1
32	SCOLELEPIS TEXANA				1			1	1
33	AMPELISCA SP6		1					1	1
34	TRACHYPENAEUS SP				1			1	1
35	STHENELAIS SP					1		1	1
36	VITRINELLA FLORIDANA				1			1	1
37	PINNOTHERIDAE					1		1	1
38	GONEPLACIDAE	1						1	1
39	MINUSPIO LONGIBRANCHIATA		1					1	1
40	NOTOMASTUS LATERICEUS		1					1	1
41	AMPHIPOD SPA					1		1	1
42	ALPHEIDAE				1			1	1
	NO. OF SPECIES	19	13	20	20	13	12		
	NO. OF INDIVIDUALS	35	21	32	59	28	47	222	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	42	222	4.5563	.9422	.8571

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SPA	4	12		7	5	3	31	5
2	PITAR CORDATUS			1	14	5	4	24	4
3	PARAONIS SPA	3	1	5		1		10	4
4	PARAMPHINOME PULCHELLA	7		1		1		9	3
5	PARAONIS GRACILIS	1	1	1	2		1	6	5
6	COSSURA DELTA		1		3	1		5	3
7	NEPHTYS INCISA	2	1	2				5	3
8	MAGELONA LONGICORNIS			2	1			3	2
9	SYNCHELIDIUM CF AMERICANUM			1	1	1		3	3
10	ABRA AEQUALIS				3			3	1
11	CORBULA CF CONTRACTA	2						2	1
12	GYPTIS VITTATA						2	2	1
13	PROCESSIDAE		1		1			2	2
14	AUTOMATE EVERMANNI		1	1				2	2
15	PARALACYDONIA PARADOXA	1	1					2	2
16	CUMACEAN SPB						1	1	1
17	MEDIOMASTUS CALIFORNIENSIS	1						1	1
18	PISTA CRISTATA						1	1	1
19	SIGAMBRA TENTACULATA	1						1	1
20	POLYNOIDAE	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CARIDEA		1					1	1
22	SCUTOPUS SPA	1						1	1
23	ALPHEIDAE		1					1	1
24	ALPHEUS SP		1					1	1
25	STHENOLEPIS CF JAPONICA		1					1	1
26	SABELLARIDAE		1					1	1
27	MEGALOMMA CF BIOCULATUM		1					1	1
28	AMPHARETE ACUTIFRONS						1	1	1
29	THARYX MARIONI	1						1	1
30	EUDORELLA MONODON	1						1	1
31	CALLIANASSA LATISPINA						1	1	1
32	HAPLOSCOLOPLOS FOLIOSUS	1						1	1
33	NINOE NIGRIPES						1	1	1
34	SIGAMBRA SP						1	1	1
35	OBELIA SPA	1						1	1
36	PHILOMEDES SPC	1						1	1
37	NEPHTYIDAE						1	1	1
38	OPHIUROIDEA						1	1	1
39	PHILINE SAGRA				1			1	1
40	EXOGONE DISPAR					1		1	1
41	AMPELISCA SPA					1		1	1
42	AMYGDALUM PAPYRIUM				1			1	1
43	PARAONIDES LYRA				1			1	1
	NO. OF SPECIES	16	14	8	11	8	12		
	NO. OF INDIVIDUALS	29	25	14	35	16	18	137	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	43	137	4.2703	.9065	.6744

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	3	4			10	3	20	4
2	SIGAMBRA TENTACULATA		9	5		1	4	19	4
3	SIPUNCULA				11			11	1
4	NEMERTINEA			1	7		2	10	3
5	PARAONIS GRACILIS		2	1	2		2	7	4
6	PELECYPOD SPA					5	2	7	2
7	GNATHIA SP				4		2	6	2
8	PARALACYDONIA PARADOXA			2		2	2	6	3
9	AMYGDALUM PAPYRIUM	1			1	1	3	6	4
10	STERNASPIS SCUTATA	1	1	1	2			5	4
11	SCUTOPUS SPA			1	4			5	2
12	THARYX MARIONI				1	2		3	2
13	PARAPRIONOSPIO PINNATA		2	1				3	2
14	ARMANDIA MACULATA				1	1	1	3	3
15	SOLEMYA SPA	1				2		3	2
16	COSSURA DELTA			1	1		1	3	3
17	SPIOPHANES LONGICIRRUS			1	1		1	3	3
18	HETEROPHOXUS CF OCULATUS				2			2	1
19	NEPHTYS INCISA		1			1		2	2
20	HYBLIS CF GAIMARDI		1			1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	THARYX FILIBRANCHIA		2					2	1
22	PARAONIS SPA			1			1	2	2
23	PRIONOSPIO STEENSTRUPI					2		2	1
24	NEPHTYIDAE					1	1	2	2
25	GONIOPLACIDAE			1			1	2	2
26	THYASIRA SPA						2	2	1
27	NEREIS SPA				1			1	1
28	OSTRACOD SPY				1			1	1
29	MINUSPIO SP				1			1	1
30	POLYNOIDAE				1			1	1
31	SIGALIONIDAE				1			1	1
32	AMPHARETE AMERICANA				1			1	1
33	MONOCULODES SPC	1						1	1
34	OPHIUROIDEA		1					1	1
35	LUMBRINERIS PARVAPEDATA		1					1	1
36	POECILOCHAETUS JOHNSONI	1						1	1
37	SCOLOPLOS RUBRA		1					1	1
38	SPIONIDAE					1		1	1
39	EPITONIIDAE					1		1	1
40	ARICIDEA CF FRAGILIS		1					1	1
41	AMPHARETIDAE			1				1	1
42	GLYCERA TESSELATA					1		1	1
43	OPLORHIZA CF PARVULA			1				1	1
44	DIOPATRA CUPREA						1	1	1
45	CUSPIDARIA MEDIA						1	1	1
46	ACLIS SPA		1					1	1
47	AMPELISCA SPA		1					1	1
48	SERPULA VERMICULARIS						1	1	1
49	ARICIDEA JEFFREYSII						1	1	1
50	PRIONOSPIO SP	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	BRYOZOA						1	1	1
52	SCLEROCONCHA SPA				1			1	1
53	CORBULA CF CONTRACTA				1			1	1
54	ASTEROIDEA			1				1	1
55	SABELLIDAE						1	1	1
56	STHENELAIS BOA						1	1	1
57	DENTALIUM SOWERBYI						1	1	1
58	CHLOEIA VIRIDIS					1		1	1
59	MINUSPIO LONGIBRANCHIATA				1			1	1
60	LUMBRINERIS ALBIDENTATA	1						1	1
61	PECTINARIA SP					1		1	1
62	MEDIOMASTUS CALIFORNIENSIS				1			1	1
63	LEPTOCHELIA SP				1			1	1
64	CAPITELLIDAE				1			1	1
	NO. OF SPECIES	8	14	14	24	17	23		
	NO. OF INDIVIDUALS	14	28	19	49	34	36	176	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	64	176	5.2294	.9614	.8906

TABLE 3 CONT.'D

STATION 1 TRANSECT III PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	AMPELISCA AGASSIZI	99	70	24	86	34	32	345	6
2	AMPELISCA ABDITA	8	6	10	5	3	2	34	6
3	MEDIOMASTUS CALIFORNIENSIS	1	4	4	4	2	6	21	6
4	PARAPRIONOSPIO PINNATA	6	2	6		3	2	19	5
5	NEMERTINEA	8		3	1	4	3	19	5
6	NEPHTYS INCISA	2	6	4	2	1	3	18	6
7	AMPELISCA VERRILLI	3	2	1	2	1	1	10	6
8	CUSSURA DELTA	2	2	2		2	1	9	5
9	NUCULANA ACUTA		1	2	2	3		8	4
10	MAGELONA ROSEA	1	1	2	2		1	7	5
11	NEREID(NICON) SPA	1	1	3	2			7	4
12	ARMANDIA MACULATA	2	2				2	6	3
13	NOTOMASTUS CF LATERICEUS		1		1		4	6	3
14	MAGELONA LONGICORNIS			2	2	1		5	3
15	ACLIS SPA		2	3				5	2
16	SIGAMBRA TENTACULATA			4				4	1
17	PHOTIS MACRODANUS	2	1		1			4	3
18	SIPUNCULA		4					4	1
19	ANCISTROSYLLIS JONESI		2	1	1			4	3
20	NATICA SP	1	1		1		1	4	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIONIDAE						4	4	1
22	PARAONIDAE		1	1	1	1		4	4
23	ERIOPISA SPB	1		1	1			3	3
24	ANCISTROSYLLIS PAPILLOSA				1		1	2	2
25	VITRINELLA FLORIDANA	1	1					2	2
26	MAGELONA PHYLLISAE		1	1				2	2
27	OPHIUROIDEA	1					1	2	2
28	PARAONIS GRACILIS						2	2	1
29	SPIOPHANES LONGICIRRUS	1	1					2	2
30	ONUPHIS SPD				1	1		2	2
31	NINOE NIGRIPES	1			1			2	2
32	NUCULANA CONCENTRICA	2						2	1
33	NEREIDAE					2		2	1
34	ONUPHIS SPA					1	1	2	2
35	AEDICIRA BELGICAE						2	2	1
36	EUDORELLA MONODON	1		1				2	2
37	LUMBRINERIS TENUIS		1			1		2	2
38	ODOSTOMIA SP	1						1	1
39	VOLVULELLA RECTA	1						1	1
40	HYDROIDES PROTULICOLA					1		1	1
41	THARYX DORSOBRANCHIALIS		1					1	1
42	ACTINARIA					1		1	1
43	OWENIA FUSIFORMIS					1		1	1
44	MINUSPIO CIRRIFERA	1						1	1
45	GONEPLACIDAE						1	1	1
46	CIRROPHORUS LYRIFORMIS			1				1	1
47	MALACOCEROS SP			1				1	1
48	SPIOCHAETOPTERUS COSTARUM						1	1	1
49	GONIADA TERES			1				1	1
50	LUMBRINERIS PARVAPEDATA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	BRYOZOA		1					1	1
52	PHYLLODOCE MUCOSA		1					1	1
53	SIGAMBRA BASSI		1					1	1
54	PSEUDEURYTHOE AMBIGUA				1			1	1
55	PELECYPOD SPD					1		1	1
56	THARYX ANNULOSUS		1					1	1
57	APSEUDES SPA						1	1	1
58	DRILONEREIS MAGDA			1				1	1
59	APOPRIONOSPIO PYGMAEA			1				1	1
	NO. OF SPECIES	23	28	24	20	19	21		
	NO. OF INDIVIDUALS	147	119	80	118	64	72	600	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	III	59	600	3.1035	.6613	.2203

TABLE 3 CONT.'D

STATION 2 TRANSECT III PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS		1	5		3	11	20	4
2	COSSURA DELTA	1	1	1	3	2	2	10	6
3	EPITONIIDAE		3			1	3	7	3
4	NEMERTINEA	2	1	1		2		6	4
5	MAGELONA LONGICORNIS		1		2	1	2	6	4
6	PARAONIS GRACILIS		3		2		1	6	3
7	CORBULA CF CONTRACTA	1	2	2				5	3
8	NEPHTYS INCISA	1	2		2			5	3
9	THYASIRA SPA					2	2	4	2
10	LUMBRINERIS PARVAPEDATA		1			1	2	4	3
11	PARAONIDAE		4					4	1
12	SYNCHELIDIUM CF AMERICANUM		2		1		1	4	3
13	THARYX ANNULOSUS		2			1		3	2
14	THARYX MARIONI	1			1		1	3	3
15	OPHIUROIDEA	1	1				1	3	3
16	MEDIOMASTUS CALIFORNIENSIS			1	2			3	2
17	AUTOMATE EVERMANNI	1		1		1		3	3
18	SPIONIDAE			1	1	1		3	3
19	PINNOTHERIDAE	1					1	2	2
20	PARAONIS SPA				1	1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AEDICIRA BELGICAE			2				2	1
22	POLYCHAETE SPA			1		1		2	2
23	MAGELONA ROSEA					1		1	1
24	PARAPRIONOSPIO PINNATA					1		1	1
25	PARAMPHINOME PULCHELLA	1						1	1
26	NOTOMASTUS CF LATERICEUS		1					1	1
27	PHILINE SAGRA						1	1	1
28	ABRA AEQUALIS	1						1	1
29	CALLIANASSA SP		1					1	1
30	AMYGDALUM PAPYRIUM		1					1	1
31	CIRRATULID-B					1		1	1
32	GONEPLACIDAE		1					1	1
33	CALLIANASSA LATISPINA					1		1	1
34	ALPHEUS SP					1		1	1
35	PROCESSIDAE			1				1	1
36	ACLIS SPA			1				1	1
37	OBELIA SPA		1					1	1
38	PARALACYDONIA PARADOXA						1	1	1
39	PARAONIDES LYRA	1						1	1
40	SCULELEPIS TEXANA				1			1	1
41	HETEROSPIO LONGISSIMA				1			1	1
42	NATICA SP			1				1	1
43	CAMPANULARIDAE					1		1	1
44	SIGAMBRA TENTACULATA					1		1	1
45	TELLINA SP			1				1	1
46	MESOCHAETOPTERUS TAYLORI						1	1	1
47	OSTRACOD SPY			1				1	1
	NO. OF SPECIES	11	18	14	11	19	14		
	NO. OF INDIVIDUALS	12	29	20	17	24	30	132	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	III	47	132	4.9497	.9576	1.0000

TABLE 3 CONT.'D

STATION 3 TRANSECT III PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PELECYPOD SPA	8		4	5	3	5	25	5
2	ALTERNOCHELATA SPA	1	1		5	3	6	16	5
3	DENTALIUM SOWERBYI	1		6	2	1	6	16	5
4	PARAONIS GRACILIS		2	7		5	1	15	4
5	SIPUNCULA	3	3		1	7		14	4
6	SIGAMBRA TENTACULATA		3	2	4	1	3	13	5
7	NEPHTYS INCISA			3	2	3	2	10	4
8	PARAPRIONOSPIO PINNATA		2	2	2	2	2	10	5
9	THYASIRA SPA	1		2	4		3	10	4
10	PARALACYDONIA PARADOXA	3	1		2	1	2	9	5
11	THARYX MARIONI	1		3	1	1	3	9	5
12	PARAONIDES LYRA			7	1	1		9	3
13	PITAR CORDATUS			6			1	7	2
14	NEMERTINEA		2	3		2		7	3
15	MINUSPIO SP			4		1		5	2
16	ARMANDIA MACULATA			2		1	1	4	3
17	NUCULANA ACUTA		2	2				4	2
18	SPIONIDAE		1			3		4	2
19	ABRA AEQUALIS			2			1	3	2
20	AMYGDALUM PAPYRIUM			1		1	1	3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SYLLIS SPC	1					2	3	2
22	NINOE NIGRIPES				2	1		3	2
23	COSSURA DELTA		1	1	1			3	3
24	OPHIUROIDEA		1	2				3	2
25	AMPELISCA AGASSIZI						3	3	1
26	STERNASPIS SCUTATA		1				2	3	2
27	SPIOCHAETOPTERUS COSTARUM			1		1		2	2
28	PARAONIS SPA	1	1					2	2
29	LUMBRINERIS PARVAPEDATA				1	1		2	2
30	CALLIANASSA LATISPINA		1		1			2	2
31	SIGAMBRA SP		1		1			2	2
32	MINUSPIO LONGIBRANCHIATA					2		2	1
33	CIRROPHORUS BRANCHIATUS						2	2	1
34	CHLOEIA VIRIDIS						1	1	1
35	AUCISTROSYLLIS GROENLANDICA	1						1	1
36	DIOPATRA CUPREA						1	1	1
37	GLYCERA TESSELATA	1						1	1
38	PROCESSIDAE						1	1	1
39	GNATHIA SP		1					1	1
40	STHENELAIS BOA					1		1	1
41	SCLEROCONCHA SPA	1						1	1
42	SYLLIDAE						1	1	1
43	GONEPLACIDAE			1				1	1
44	CAULLERIELLA CF BIOCULATUS					1		1	1
45	THARYX ANNULOSUS	1						1	1
46	BRYOZOA				1			1	1
47	NEPHTYIDAE	1						1	1
48	SPIOPHANES LONGICIRRUS		1					1	1
49	RANINOIDES LAMARCKI					1		1	1
50	SCOLOPLOS RUBRA						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	XENANTHURA BREVITELSON		1					1	1
52	AMPELISCA ABDITA					1		1	1
53	TYPHLAPSEUDES SPP						1	1	1
54	AUTOMATE EVERMANNI			1				1	1
55	CALYPTOBLASTEA		1					1	1
56	LUMBRINERIS ALBIDENTATA						1	1	1
57	TURBONILLA PORTORICANA				1			1	1
58	ONUPHIDAE			1				1	1
59	PRIONOSPIO STEENSTRUPI				1			1	1
60	SYNELMIS SPA				1			1	1
61	AGLAUPHAMUS CIRCINATA					1		1	1
62	PARASTEROPE SPP			1				1	1
63	OWENIA FUSIFORMIS					1		1	1
64	GONIADELLA CF GRACILIS			1				1	1
65	MAGELONA ROSEA				1			1	1
66	PILARGIS BERKELYAE	1						1	1
67	GONIADA MACULATA			1				1	1
	NO. OF SPECIES	15	19	25	21	26	25		
	NO. OF INDIVIDUALS	26	27	66	40	47	53	259	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	III	67	259	5.2599	.9653	.8657

TABLE 3 CONT.'D

STATION 4 TRANSECT III PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	188	180	257	191	222	187	1225	6
2	LUMBRINERIS PARVAPEDATA	144	182	130	97	133	93	779	6
3	MEDIOMASTUS CALIFORNIENSIS	89	101	173	35	62	38	498	6
4	TELLINA SP	7	38	28	82	53	26	234	6
5	APSEUDES SPA	41	30	109	19	8	6	213	6
6	AMPELISCA CF CRISTATA	10	34	47	33	53	26	203	6
7	AMPELISCA AGASSIZI	30	48	33	14	24	9	158	6
8	NEMERTINEA	21	23	36	14	21	16	131	6
9	MAGELONA PETTIBONEAE	17	36	18	9	23	13	116	6
10	CLYMENELLA TORQUATA		38	39	15	1	22	115	5
11	ERYCINA SPA	6	20	10	27	22	18	103	6
12	LUCINA AMIANTUS	3	12	10	29	12	37	103	6
13	THARYX ANNULOSUS	1	49	23	6	14	8	101	6
14	ARTICIDEA TAYLORI	24	19	20	13	13		89	5
15	SIPUNCULA	16	13	4	3	27	14	77	6
16	POLYCHAETE SPA	5	16	11		15	30	77	5
17	THARYX MARIONI	2	11	17	20	22	4	76	6
18	AMPELISCA VERRILLI	1	15	5	36	11	5	73	6
19	AMPELISCA SPB	6	15	11	9	27	4	72	6
20	PRIONOSPIO CRISTATA	3	25	11	17	16		72	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AGLAOPHAMUS VERRILLI	11	13	11	19	7	10	71	6
22	PARAONIDES LYRA	9	14	16	5	4	20	68	6
23	PARAONIS GRACILIS	2	13	23	7	11	8	64	6
24	SIGAMBRA TENTACULATA	11	10	18	4	9	8	60	6
25	ARICIDEA JEFFREYSII	1	10	5	2	13	29	60	6
26	LUMBRINERIS TENUIS	8	5	24	10	6	3	56	6
27	PARAPRIONOSPIO PINNATA	9	11	4	11	8	1	44	6
28	AGLAOPHAMUS CIRCINATA	5	10		8	8	9	40	5
29	CORBULA CF CONTRACTA	2	13	8	10	2	4	39	6
30	MINUSPIO CIRRIFERA			15	2	21		38	3
31	NETAMELITA BARNARDI		5	6	8	12	5	36	5
32	TELLINA VERSICOLOR		4	2	14	2	14	36	5
33	AEDICIRA BELGICAE	5	2	16	7			30	4
34	ARCIDAE		2	5	10	5	7	29	5
35	DIOPATRA CUPREA	5	4	6	9	3	2	29	6
36	ISOLDA PULCHELLA		8	4	8	2	6	28	5
37	PARAONIDAE		11	3		2	10	26	4
38	ARICIDEA WASSI	3	6	3	9	2	1	24	6
39	PISTA CRISTATA	1	5	7	5		6	24	5
40	TEREBELLIDES STROEMII		8	3	4	4	5	24	5
41	NUCULA PROXIMA			1	5	5	12	23	4
42	STHENELAIS BOA	2	3	1	3	9	3	21	6
43	NATICA SP	2	6	4	4	2	2	20	6
44	COSSURA DELTA	6	2	2	1	2	7	20	6
45	ZOANTHARIA	9		1	3	4	1	18	5
46	OWENIA FUSIFORMIS		2	4	1	4	5	16	5
47	LUCINA MULTILINEATA		3	2	3	3	4	15	5
48	CADULUS CAROLINENSIS	1		1	10		3	15	4
49	AUTOMATE EVERMANNI	3		7	5			15	3
50	NEREID(NICON) SPA	4	1	5	2	1	1	14	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	DIPLODONTA CF SOROR		2	4	4	2	1	13	5
52	MINUSPIO LONGIBRANCHIATA	4	8		1			13	3
53	CAULLERIELLA SPB		2	2	3	1	4	12	5
54	PHOTIS MACROMANUS	1	2	2	2	4		11	5
55	ABRA AEQUALIS	1	1	2	3	1	3	11	6
56	GYPTIS VITTATA	1	1	4	1	3	1	11	6
57	AMAEANA TRILOBATA			10		1		11	2
58	SPIONIDAE	3	4				4	11	3
59	LISTRIELLA BARNARDI	2	1	1	2	1	3	10	6
60	LUMBRINERIS JANUARII		2	3			5	10	3
61	GONIADA NORVEGICA		4	5				9	2
62	TEREBELLIDAE		2		1	5	1	9	4
63	APOPRIONOSPIO PYGMAEA		2		4		3	9	3
64	NUCULANA ACUTA			1	4	1	2	8	4
65	OGYRIDES LIMICOLA				5	1	2	8	3
66	SPIOPHANES LONGICIRRUS		5		1		2	8	3
67	SIGAMBRA BASSI	2			2	4		8	3
68	MALDANIDAE		3			5		8	2
69	SPIOPHANES BOMBYX		2	4		2		8	3
70	PINNOTHERIDAE	1		7				8	2
71	ONUPHIDAE	1	1	2		1	2	7	5
72	ERIOPISA SPB	2	3			2		7	3
73	NOTOMASTUS HEMIPODUS		3	2		2		7	3
74	PELECYPOD SPC			4	1	1	1	7	4
75	AMPHARETE ACUTIFRONS			4	1		2	7	3
76	ARMANDIA MACULATA	1	1		5			7	3
77	PODOCEROPSIS SP			1	1	4		6	3
78	CAECUM PULCHELLUM				6			6	1
79	TURBONILLA SP				6			6	1
80	SOLARIORBIS INFRACARINATA				3	3		6	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	PILARGIS BERKELYAE	1	1	4				6	3
82	SPIOPHANES SPA				5			5	1
83	OXYUROSTYLIS SP				2	3		5	2
84	OPHIUROIDEA	2			1		2	5	3
85	FINELLA DUBIA		3		2			5	2
86	ALIGENA TEXASIANA		2		2		1	5	3
87	ALPHEIDAE	1	4					5	2
88	MAGELONA ROSEA	1	1	2			1	5	4
89	CABIRA INCERTA	1		3				4	2
90	PELECYPOD SPD					1	3	4	2
91	PALEANOTUS HETEROSETA	2		2				4	2
92	ONUPHIS SPF				4			4	1
93	NATICA PUSILLA				3		1	4	2
94	CYCLASPIS VARIANS					2	2	4	2
95	PHYLLODOCE MUCOSA		2		1	1		4	3
96	CERATOCEPHALE LOVENI		2	1		1		4	3
97	ANCISTROSYLLIS JONESI		1	2			1	4	3
98	MELANELLA SPA				4			4	1
99	ARMANDIA AGILIS			3	1			4	2
100	CALLIANASSA SP			3		1		4	2
101	LIMA LOCKLINI	1	1	1	1			4	4
102	HAPLOSCOLOPLOS FOLIOSUS			2		2		4	2
103	SYNCHELIDIUM CF AMERICANUM			1	2			3	2
104	CAPITELLID SPC			3				3	1
105	VENERIDAE			3				3	1
106	NISO INTERRUPTA				3			3	1
107	CIRRATULID SPA					3		3	1
108	ANTHURID SPA	2					1	3	2
109	HEMICYCLOPS SP	1			1		1	3	3
110	NEPHTYS MAGELLANICA		1			2		3	2

TABLE 3 CONT.'D

NK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIOPHANES WIGLEYI		1	2				3	2
2	AUTOMATE SP					3		3	1
3	SPIOCHAETOPTERUS COSTARUM		1	1			1	3	3
4	ASYCHIS ELONGATA		1				2	3	2
5	LUMBRINERIDAE			3				3	1
6	CYLICHNA BIDENTATA	3						3	1
7	ONUPHIS SPA			2			1	3	2
8	AMPHARETIDAE					3		3	1
9	ASTEROPELLA SPA			1		2		3	2
0	MELINNA MACULATA			1			1	2	2
1	SCHISTOMERINGOS RUDOLPHI	1			1			2	2
2	MEGALOMMA CF BIOCULATUM	1		1				2	2
3	PAGURIDAE	1				1		2	2
4	ANCISTROSYLLIS PAPILLOSA	1	1					2	2
5	LUMBRINERIS LATREILLI				2			2	1
6	NEPHTYS INCISA	2						2	1
7	OSTRACOD SPY				1		1	2	2
8	NEREIS LAMELLOSA				1	1		2	2
9	UPOGEBIA AFFINIS			2				2	1
0	CAPITELLA CAPITATA						2	2	1
1	SCOLOPLOS CAPENSIS	1	1					2	2
2	VITRINELLA FLORIDANA	1	1					2	2
3	TELLINA AEQUISTRIATA		1			1		2	2
4	GONEPLACIDAE		1			1		2	2
5	DRILONEREIS MAGNA				1	1		2	2
6	ONUPHIS PALLIDULA			2				2	1
7	PHILINE SAGRA			2				2	1
8	MICROSPIO PIGMENTATA				1	1		2	2
9	OPHIOGLYCERA SP			2				2	1
0	GLYCERA AMERICANA						1	1	1

TABLE 3 CONT.'D

SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
BRANCHIOSTOMA CARIBAEUM				1			1	1
SABELLIDAE		1					1	1
GONIADA SP				1			1	1
SICYONIA DORSALIS	1						1	1
ONUPHIS MAGNA					1		1	1
AMPHICTEIS GUNNERI					1		1	1
PARASTEROPE SPP					1		1	1
PIROMIS ERUCA					1		1	1
AMPELISCA ABDITA	1						1	1
CHIONE GRUS						1	1	1
MACOMA TENTA				1			1	1
MAGELONA LONGICORNIS				1			1	1
EUPANTHALIS KINBERGI					1		1	1
NOTOMASTUS LATERICEUS						1	1	1
ORBINIIDAE				1			1	1
NEREIS SPA						1	1	1
ARABELLA IRICOLOR					1		1	1
SPIO PETTIBONEAE		1					1	1
ASYCHIS CAROLINAE			1				1	1
ONUPHIS NEBULOSA						1	1	1
DENTALIUM TEXASIANUM					1		1	1
ASYCHIS SP		1					1	1
ARABELLA MUTANS	1						1	1
OSTRACOD SPBH			1				1	1
ONUPHIS PERUANA				1			1	1
TRACHYCARDIUM MURICATUM						1	1	1
PAGURINAE						1	1	1
LYSIDICE NINETTA					1		1	1
DENTALIUM EBOREUM				1			1	1
PISTA PALMATA					1		1	1

TABLE 3 CONT.'D

ANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
71	LAONICE CIRRATA				1			1	1
72	DENTALIUM SPA					1		1	1
73	PISTA BREVIBRANCHIA					1		1	1
74	PHORONIDA		1					1	1
75	GONIADIDAE			1				1	1
76	GRUBEULEPIS SP				1			1	1
77	NEREIS SUCCINEA			1				1	1
78	POTAMILLA RENIFORMIS			1				1	1
79	TRACHYPENAEUS SIMILIS	1						1	1
80	ACTEOCINA CANDEI					1		1	1
81	NOETIA PONDEROSA			1				1	1
82	MUNNA SP				1			1	1
83	MERCENARIA CAMPECHIENSIS				1			1	1
84	CALLIANASSA CF LATISPINA		1					1	1
85	RUTIDERMA SPB			1				1	1
86	MACOMA PULLEYI	1						1	1
87	CALLIANASSA CF MARGINATA						1	1	1
88	PRIONOSPIO STEENSTRUPI				1			1	1
89	DOSINIA ELEGANS	1						1	1
90	CIRROPHORUS LYRIFORMIS			1				1	1
91	OLIVA SAYANA			1				1	1
92	LYONSIA HYALINA FLORIDANA			1				1	1

NO. OF SPECIES	73	87	100	100	95	83	
NO. OF INDIVIDUALS	761	1156	1316	965	1016	807	6021

TION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	III	192	6021	5.0849	.9261	.2708

TABLE 3 CON'T.'D

STATION 5 TRANSECT III PERIOD FALL 1976

SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
LUMBRINERIS PARVAPEDATA	1	1	7	3	11	3	26	6
NEPHTYS INCISA	6	5	2	5	4	2	24	6
PARAONIS GRACILIS	3	2	6	1	9		21	5
NEMERTINEA	5	2	3	5	2		17	5
ACLIS SPA	3				6	6	15	3
PARAPRIONOSPIO PINNATA		1	7	3	2	1	14	5
CORBULA CF CONTRACTA	4		1		7	1	13	4
APSEUDES SPA	3	1		1	6		11	4
NOTOMASTUS CF LATERICEUS	2	1	1	3	2	1	10	6
AMPELISCA AGASSIZI				5	2	1	8	3
EUDORELLA MONODON	1	2	1	1	1	1	7	6
COSSURA DELTA		2	1	1		2	6	4
NATICA SP	1	2				3	6	3
MINUSPIO CIRRIFERA			6				6	1
MAGELONA LONGICORNIS	1		1	1	1	2	6	5
SIGAMBRA TENTACULATA	2		1		1	1	5	4
PARAONIDES LYRA	1			2	1	1	5	4
VOLVULELLA TEXASIANA	3		1				4	2
THARYX MARIONI			4				4	1
ARICIDEA JEFFREYSII			4				4	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ARMANDIA MACULATA	2		1				3	2
22	SIPUNCULA	1		2				3	2
23	MEDIOMASTUS CALIFORNIENSIS				1	2		3	2
24	AMPELISCA VERRILLI		1			1	1	3	3
25	AMPELISCA ABDITA			1		1	1	3	3
26	GONEPLACIDAE					2		2	1
27	MAGELONA ROSEA		1		1			2	2
28	OPHIUROIDEA	1					1	2	2
29	CIRROPHORUS LYRIFORMIS					1		1	1
30	AMPHICTEIS GUNNERI					1		1	1
31	MALDANIDAE			1				1	1
32	CYCLOCARDIA ARMILLA			1				1	1
33	APOPRIONOSPIO PYGMAEA					1		1	1
34	PINNOTHERIDAE		1					1	1
35	NUCULANA ACUTA		1					1	1
36	SPIOCHAETOPTERUS COSTARUM	1						1	1
37	THARYX ANNULOSUS					1		1	1
38	ABRA AEQUALIS		1					1	1
39	AMPHIPOD SPA				1			1	1
40	CHAETOZONE GAYHEADIA			1				1	1
41	PARAONIDAE					1		1	1
42	AEDICIRA BELGICAE						1	1	1
	NO. OF SPECIES	18	15	21	15	23	17		
	NO. OF INDIVIDUALS	41	24	53	34	66	29	247	

ATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	III	42	247	4.6851	.9511	.9286

TABLE 3 CONT.'D

STATION 6 TRANSECT III PERIOD FALL 1976

SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
SIPUNCULA	3	1	8	4	1	5	22	6
PHILOMEDES SPA	1	2	9	5	1	2	20	6
SIGAMBRA TENTACULATA	2	6	3	4	2		17	5
ERIOPISA INCISA	12						12	1
OSTRACOD SPAA	4		2		1	4	11	4
PARAPRIONOSPIO PINNATA	1	2	1	3	2	1	10	6
PARAONIS GRACILIS	2	4		3			9	3
NEMERTINEA	2		2	4			8	3
ALTERNOCHELATA SPA	2	1	3			1	7	4
DENTALIUM SOWERBYI	1	2	2		1	1	7	5
TETRAGONODON SPA	1		3	1		1	6	4
PARALACYDONIA PARADOXA			3		1	1	5	3
OPHIUROIDEA	1	3			1		5	3
BRADA SP	4	1					5	2
AGLAOPHAMUS CIRCINATA			1	3		1	5	3
PITAR CORDATUS	1			3			4	2
PELECYPOD SPA	3	1					4	2
HALICYCLOPS SP	1	1		2			4	3
SCLEROCONCHA SPA	1	1				2	4	3
LEPTOCHELIA SP	1			2		1	4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ABRA AEQUALIS	2			1			3	2
22	ARMANDIA MACULATA			3				3	1
23	HETEROPHOXUS CF OCULATUS			1	1	1		3	3
24	OPHELIIDAE	1			2			3	2
25	COSSURA DELTA		1	1	1			3	3
26	NEPHTYIDAE		1				1	2	2
27	OSTRACOD SPMM			1			1	2	2
28	BYBLIS CF GAIMARDI		1	1				2	2
29	SPIOPHANES LONGICIRRUS			2				2	1
30	CHAETODERMA SPA			1			1	2	2
31	NEPHTYS INCISA	1			1			2	2
32	ACLIS SPA	2						2	1
33	NUCULANA ACUTA	1						1	1
34	SPIONIDAE	1						1	1
35	PINNOTHERIDAE	1						1	1
36	AMPELISCA SPA	1						1	1
37	AEDICIRA BELGICAE	1						1	1
38	SCHISTOMERINGOS RUDOLPHI						1	1	1
39	NINOE NIGRIPES				1			1	1
40	PYRUNCULUS CAELATUS			1				1	1
41	CYCLOCARDIA ARMILLA				1			1	1
42	ORBINIIDAE			1				1	1
43	SYLLIDAE					1		1	1
44	THARYX DORSOBRANCHIALIS			1				1	1
45	OSTRACOD SPD			1				1	1
46	PLATYISCHNOPUS SP			1				1	1
47	PARAONIDES LYRA					1		1	1
48	OWENIA FUSIFORMIS	1						1	1
49	LUMBRINERIS PARVAPEDATA			1				1	1
50	ONUPHIS SPH			1				1	1

TABLE 3 CONT.'D

NK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
	SARSIELLA SPB		1					1	1
	STERNASPIS SCUTATA				1			1	1
	SYLLIS SPC					1		1	1
	HAPLOSCOLOPLOS FOLIOSUS				1			1	1
	SPIO PETTIBONEAE		1					1	1
	METAPHOXUS CF FREQUENS		1					1	1
	THARYX MARIONI	1						1	1
	CIRRATULIDAE		1					1	1
	CIRROPHORUS BRANCHIATUS				1			1	1
	EUDORELLA MONODON		1					1	1
	NO. OF SPECIES	29	20	25	21	12	15		
	NO. OF INDIVIDUALS	56	33	54	45	14	24	226	

IN	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PTE	EQUITABILITY
	III	60	226	5.1744	.9632	.9167

TABLE 3 CONT.'D

STATION 1 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	LUMBRINERIS PARVAPEDATA	56	56	55	45	49	41	302	6
2	PRIONOSPIO STEENSTRUPI	30	35	19	26	34	29	173	6
3	THARYX ANNULOSUS	46	31	33	10	9	15	144	6
4	THARYX MARIONI	19	18	9	28	20	14	108	6
5	PARAPRIONOSPIO PINNATA	34	5	14	17	11	14	95	6
6	MEDIOMASTUS CALIFORNIENSIS	34	4	11	3	30	10	92	6
7	NEREID(NICON) SPA		29	1	20	19	21	90	5
8	TELLINA SP	15	7	15	14	3	15	69	6
9	SIPUNCULA	16	7	10	9	16	9	67	6
10	MAGELONA PETTIBONEAE	19	7	6	4	16	8	60	6
11	MAGELONA PHYLLISAE	6	9	13	11	11	8	58	6
12	NEMERTINEA	20	3	4	5		14	46	5
13	CORBULA CF CONTRACTA	18	1	3	5	4	13	44	6
14	SCLEROCONCHA SPA	7		5	10	8	5	35	5
15	NUCULANA ACUTA	10	6	5		2	12	35	5
16	PARAONIS GRACILIS	8	5	7	9	1	4	34	6
17	ACTEOCINA CANDEI	11	8	2	3		6	30	5
18	AMPELISCA VERRILLI	8	1	2	4	5	6	26	6
19	SPIONIDAE	2	10	4	3	7		26	5
20	PARAONIDES LYRA	8	2	5		9	1	25	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	COSSURA DELTA	4	6	3	6	3	2	24	6
22	NOTOMASTUS CF LATERICEUS	12	3	2	1	1	4	23	6
23	AMPELISCA CF CRISTATA	3	2	5	2	6	2	20	6
24	ARICIDEA TAYLORI	6		4	7	3		20	4
25	MINUSPIO CIRRIFERA	10		4		4	1	19	4
26	AMPELISCA SPB	1	2	4	6	4	1	18	6
27	CHAETOZONE GAYHEADIA		4	3	6	1	3	17	5
28	ONUPHIDAE	8	3	2	1		2	16	5
29	NUCULA PROXIMA	5	5	3	1		2	16	5
30	ASYCHIS SP	4	2	3			7	16	4
31	VITRINELLA FLORIDANA		1	1	2	2	9	15	5
32	AEDICIRA BELGICAE	4		1		3	6	14	4
33	CERATONEREIS IRRITABILIS		3			5	5	13	3
34	AMPELISCA ABDITA	4	2	1	2	3		12	5
35	MALDANIDAE				6	5		11	2
36	TEREBELLIDES STROEMII	1	5		1	3	1	11	5
37	LUMBRINERIS TENUIS	4	1	1		3	2	11	5
38	MAGELONA ROSEA	3		2		2	3	10	4
39	DIOPATRA CUPREA	1	3	2		1	3	10	5
40	MAGELONA LONGICORNIS	2			7		1	10	3
41	AMPHARETIDAE	4			1	3	2	10	4
42	SIGAMBRA TENTACULATA	1	2			2	4	9	4
43	CHAETOZONE SETOSA	8					1	9	2
44	NATICA SP	7	1		1			9	3
45	TELLINA VERSICOLOR	4			3		1	8	3
46	SYNCHELIDIUM CF AMERICANUM	4	1	1	1	1		8	5
47	CLYMENELLA TORQUATA	1	2			1	4	8	4
48	AMPHICTEIS SPA	2	1	2	1	2		8	5
49	PARASTEROPE SPP	2			1	4	1	8	4
50	ARICIDEA JEFFREYSII	2	2			3	1	8	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CF EPIDIOPATRA SP			1	6	1		8	3
52	ARICIDEA WASSI		4		2		1	7	3
53	NEPHTYS PICTA	2			4		1	7	3
54	AUTOMATE EVERMANNI	5	1		1			7	3
55	CIRRATULID SPA			6		1		7	2
56	PHOTIS MACROMADUS				2	2	2	6	3
57	AMPHARETE ACUTIFRONS	1	5					6	2
58	POLYCHAETE SPA	1	1	1		2	1	6	5
59	CIRRATULID-B		2	4				6	2
60	PARAONIDAE		2		1	3		6	3
61	CERATOCEPHALE LOVENI		1	1	2	2		6	4
62	STHENELAIS BOA		1		2	1	2	6	4
63	FINELLA DUBIA			5			1	6	2
64	DENTALIUM CF EBOREUM			3			3	6	2
65	ASYCHIS ELONGATA			2	2	1	1	6	4
66	CIRRATULIDAE				4	1		5	2
67	GLYCERA AMERICANA	1		2	1		1	5	4
68	NEPHTYS INCISA	3	1	1				5	3
69	SPIOPHANES SPA	3	2					5	2
70	AMPELISCA AGASSIZI					1	4	5	2
71	OWENIA FUSIFORMIS			4			1	5	2
72	MINUSPIO LONGIBRANCHIATA			4		1		5	2
73	NATICA PUSILLA			2		2	1	5	3
74	EUDORELLA MONODON				1	2	1	4	3
75	GONIADA TERES	1	1	1			1	4	4
76	ACTINARIA SPA	2	2					4	2
77	NOTOMASTUS HEMIPODUS	2	1				1	4	3
78	PRIONOSPIO CRISTATA		1			2	1	4	3
79	BRACHIOPOD SPA		1	1		2		4	3
80	OPHIUROIDEA	1			1	1	1	4	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	FRYCINA SPA			1	2		1	4	3
82	PODOCEROPSIS SP				2	1		3	2
83	CYCLASPIS SPA					1	2	3	2
84	SCOLOPLOS RUBRA	2					1	3	2
85	VOLVULELLA TEXASIANA	1		2				3	2
86	ANCISTROSYLLIS PAPILLOSA	2				1		3	2
87	PSEUDEURYTHOE AMBIGUA				1		2	3	2
88	SPEOCARCINUS LOBATUS		1		1	1		3	3
89	AMPHARETE AMERICANA			3				3	1
90	MEGALOMMA CF QUADRIOCULATUM			3				3	1
91	SABELLIDAE			3				3	1
92	PITAR CORDATUS			2			1	3	2
93	SCOLELEPIS TEXANA					3		3	1
94	CUMACEAN SPI	1					2	3	2
95	EXOGONE SPA	1				1		2	2
96	CHASMOCARCINUS MISSISSIPPIENSIS	1	1					2	2
97	NEREIDAE					2		2	1
98	LISTRIELLA BARNARDI				1	1		2	2
99	AMPHIPOD SPA				2			2	1
100	VARICORBULA DISPARILIS						2	2	1
101	DRILONEREIS MAGNA	1	1					2	2
102	ASYCHIS CAROLINAE	2						2	1
103	ACLIS SPA						2	2	1
104	SCHISTOMERINGOS RUDOLPHI			1		1		2	2
105	LUCINA AMIANTOS	2						2	1
106	ACTINARIA		2					2	1
107	PHYLLODOCE MUCOSA		1			1		2	2
108	MICROSPIO PIGMENTATA	2						2	1
109	SARSIELLA SPF		1	1				2	2
110	POTAMILLA RENIFORMIS	2						2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	NINOE NIGRIPES		1			1		2	2
112	SARSIELLID NSPA			1	1			2	2
113	LYONSIA HYALINA FLORIDANA	1		1				2	2
114	AUTOMATE SP			1			1	2	2
115	DIOPATRA PAPILLATA				2			2	1
116	GONEPLACIDAE	1						1	1
117	EXOGONE DISPAR		1					1	1
118	ONUPHIS SPA	1						1	1
119	CORBULA KREBSIANA	1						1	1
120	SARSIELLA SPI				1			1	1
121	PARAMETOPELLA TEXENSIS						1	1	1
122	PLATYHELMINTHES						1	1	1
123	PILARGIS BERKELYAE					1		1	1
124	CAULLERIELLA SPB			1				1	1
125	PHILINE SAGRA				1			1	1
126	CAECUM PULCHELLUM	1						1	1
127	THARYX DORSOBRANCHIALIS		1					1	1
128	LUCINIDAE						1	1	1
129	HYDROZOA				1			1	1
130	NUCULANA CONCENTRICA				1			1	1
131	NATANTIA					1		1	1
132	TEREBELLIDAE	1						1	1
133	NOTOMASTUS CF AMERICANUS					1		1	1
134	PROCESSA HEMPHILLI	1						1	1
135	HRADA SP	1						1	1
136	CUMACEAN SPF					1		1	1
137	ONUPHIS NEBULOSA			1				1	1
138	MELINNA MACULATA			1				1	1
139	CRASSINELLA LUNULATA		1					1	1
140	OSTRACOD SPY	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	SPIOPHANES WIGLEYI					1		1	1
142	ARCIDAE					1		1	1
143	CIRROPHORUS BRANCHIATUS			1				1	1
144	ERIOPISA SPB						1	1	1
145	PILARGIIDAE			1				1	1
146	PARAMPHINOME PULCHELLA			1				1	1
147	RANINOIDES LOEVIS						1	1	1
148	SYLLIDAE	1						1	1
149	PISTA CRISTATA		1					1	1
150	ANCISTROSYLLIS JONESI	1						1	1
151	AGLAOPHAMUS CIRCINATA			1				1	1
152	PINNOTHERIDAE			1				1	1
153	SARSIELLA SPD	1						1	1
154	CAPITELLA CAPITATA				1			1	1
155	ASTEROPELLA SPA	1						1	1
156	NEPHTYIDAE		1					1	1
157	HARMOTHOE SP			1				1	1
158	SARSIELLA SPH	1						1	1
159	PECTINARIIDAE				1			1	1
160	SAMYTHELLA ELIASONI				1			1	1
161	MARPHYSA SANGUINEA			1				1	1
162	ISOLDA PULCHELLA				1			1	1
163	SABELLARIDAE					1		1	1
164	DIOPATRA TRIDENTATA				1			1	1
165	DIPLODONTA CF SOROR	1						1	1
	NO. OF SPECIES	82	66	74	67	75	74		
	NO. OF INDIVIDUALS	528	334	334	332	365	356	2249	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	IV	165	2249	5.6294	.9583	.4545

TABLE 3 CONT.'D

STATION 2 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEPHTYS INCISA	2	1	8	1	2	4	18	6
2	PARAONIS GRACILIS	2	3	4		3	4	16	5
3	PITAR CORDATUS		6	6				12	2
4	COSSURA DELTA	2		2	1	1	4	10	5
5	MAGELONA LONGICORNIS	4	1		3		1	9	4
6	ACLIS SPA	2		3		4		9	3
7	NEMERTINEA		1	3			3	7	3
8	OPHIUROIDEA	2		1		1	2	6	4
9	AMPELISCA AGASSIZI			1		5		6	2
10	MEDIOMASTUS CALIFORNIENSIS		2	3		1		6	3
11	NATICA SP	1		4	1			6	3
12	PARAONIDAE	2			1		2	5	3
13	NOTOMASTUS CF LATERICEUS		1	1	1		1	4	4
14	AEDICIRA BELGICAE			2	1		1	4	3
15	HETEROPHOXUS CF OCULATUS			2	1			3	2
16	PARAONIDES LYRA			2			1	3	2
17	SIPUNCULA	1	1			1		3	3
18	EPITONIIDAE				3			3	1
19	AUTOMATE EVERMANNI		1			2		3	2
20	SIGAMBRA TENTACULATA		1		1		1	3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	THARYX MARIONI					1	1	2	2
22	LUMBRINERIS PARVAPEDATA	1		1				2	2
23	AMAEANA TRILOBATA	1		1				2	2
24	MINUSPIO LONGIBRANCHIATA			2				2	1
25	ABRA AEQUALIS	1			1			2	2
26	NUCULA PROXIMA			2				2	1
27	EXOGONE DISPAR			2				2	1
28	CAPITELLID SPA			2				2	1
29	LISTRIELLA BARNARDI		2					2	1
30	CORBULA CF CONTRACTA		2					2	1
31	ARICIDEA NASSI			1			1	2	2
32	SPIONIDAE	1			1			2	2
33	MEGALOMMA CF BIOCULATUM		1		1			2	2
34	OSTRACOD SPLL			1		1		2	2
35	THYASIRA SPA					2		2	1
36	NUCULANA ACUTA		1				1	2	2
37	MINUSPIO CIRRIFERA		1				1	2	2
38	MALDANIDAE				1		1	2	2
39	CADULOS CAROLINENSIS					2		2	1
40	ANACHIS CALLIGLYPTA					2		2	1
41	CIRROPHORUS LYRIFORMIS						1	1	1
42	AMPELISCA VERRILLI				1			1	1
43	TELLINIDAE					1		1	1
44	OSTRACOD SPD				1			1	1
45	STHENELAIS BDA	1						1	1
46	PARAPRIONOSPIO PINNATA				1			1	1
47	SYLLIS SPC			1				1	1
48	AMYGDALUM PAPYRIUM						1	1	1
49	HETEROSPIO LONGISSIMA		1					1	1
50	PARAONIS SPA				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	MEGALOMMA CF QUADRIOCULATUM	1						1	1
52	PINNOTHERIDAE						1	1	1
53	ARICIDEA JEFFREYSII			1				1	1
54	OPHIODROMUS OBSCURUS	1						1	1
55	SABELLIDAE	1						1	1
56	GONEPLACIDAE				1			1	1
57	POLYNOIDAE			1				1	1
58	ONUPHIS SPA						1	1	1
59	PROCESSA HEMPHILLI	1						1	1
60	SPEOCARCINUS LOBATUS						1	1	1
61	LEIOLAMBRUS NITIDUS			1				1	1
62	GONIADIDAE			1				1	1
63	PHYLLODOCE MUCOSA					1		1	1
64	SCLEROCONCHA SPA			1				1	1
65	LYONSIA HYALINA FLORIDANA				1			1	1
66	PARAMPHIDOME PULCHELLA			1				1	1
67	PISTA CRISTATA			1				1	1
68	KALLIAPSEUDES SPA			1				1	1
69	SYNCHELIDIUM CF AMERICANUM			1				1	1
70	EUDORELLA MONODON			1				1	1
71	NEREID(NICON) SPA			1				1	1
72	CAPITELLID SPC					1		1	1

NO. OF SPECIES	18	16	34	20	17	21
NO. OF INDIVIDUALS	27	26	66	24	31	34

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	IV	72	248	5.5453	.9723	.9861

TABLE 3 CONT.'D

STATION 3 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	6	10	12	4	13	21	66	6
2	PARAMPHINOME PULCHELLA	4	24		1	5	1	35	5
3	ONUPHIDAE	9	1	1	2	9	4	26	6
4	PITAR CORDATUS	3			11	3	4	21	4
5	MALDANIDAE	1	3	5	3	4	1	17	6
6	SIGAMBRA TENTACULATA	1	1	4	3	2	5	16	6
7	ROTIDERMA SPA		2	4	1	2	5	14	5
8	SABELLIDAE	8	2		3			13	3
9	COSSURA DELTA	5	1		2		4	12	4
10	NEMERTINEA	5	3	1	2			11	4
11	ONUPHIS SPA	4	3	1			3	11	4
12	ONUPHIS SPB	1		3	1	4	1	10	5
13	PARALACYDONIA PARADOXA	1	1	1	4	1	1	9	6
14	MAGELONA LONGICORNIS		1		2	4	1	8	4
15	DENTALIUM SOWERBYI				4	1	2	7	3
16	ALTERNOCHELATA SPA	1	1		3	2		7	4
17	THARYX MARIONI	3	1	2				6	3
18	ANTHURID SPA	1		1	1		3	6	4
19	STERNASPIS SCUTATA		2		3		1	6	3
20	ONUPHIS SPF		4			2		6	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS PARVAPEDATA	1		2	1	1		5	4
22	CUMACEAN SPI	3	1	1				5	3
23	ACLIS SPA				3		2	5	2
24	BRACHIOPOD SPA	4	1					5	2
25	OSTRACOD SPGG	1	3			1		5	3
26	CUMACEAN SPG	1				1	3	5	3
27	SPIOCHAETOPTERUS COSTARUM		4			1		5	2
28	PARAPRIONOSPIO PINNATA	3					2	5	2
29	POECILOCHAETUS JOHNSONI	1				2	1	4	3
30	NEPHTYIDAE						4	4	1
31	CERIANTHARIA SPA				2	2		4	2
32	AMPELISCA ABDITA	1		2			1	4	3
33	POLYCHAETE SPA		4					4	1
34	CHLOEIA VIRIDIS		4					4	1
35	SPIONIDAE	1	1		1		1	4	4
36	THARYX ANNULOSUS	1		3				4	2
37	GLYCERA TESSELATA		1	2				3	2
38	RUTIDERMA SPB			2			1	3	2
39	ASYCHIS SP	1			1	1		3	3
40	CLYMENELLA TORQUATA	1	1	1				3	3
41	ACTINARIA			1	2			3	2
42	PARAONIS GRACILIS			1		1	1	3	3
43	NUCULANA ACUTA				1		2	3	2
44	UNCIOLA SERRATA				1	1	1	3	3
45	OSTRACOD SPD				1		2	3	2
46	CORBULA CF CONTRACTA					3		3	1
47	SARSIELLA SPB					2	1	3	2
48	SERPULA VERMICULARIS		2			1		3	2
49	MEDIOMASTUS CALIFORNIENSIS		1		2			3	2
50	AGLAOPHAMUS CIRCINATA					1	1	2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	ARICIDEA JEFFREYSII		1	1				2	2
52	POLYNOIDAE		2					2	1
53	SARSIELLA SPJ	2						2	1
54	SCUTOPUS SPA	1		1				2	2
55	AMPHARETIDAE	2						2	1
56	MAGELONA PETTIBONEAE	2						2	1
57	THYASIRA SPA	1			1			2	2
58	MAGELONA ROSEA	2						2	1
59	NINOE NIGRIPES	1			1			2	2
60	DASYBRANCHUS SP	1				1		2	2
61	PARAONIS SPA			1		1		2	2
62	SAMYTHELLA ELIASONI	1					1	2	2
63	CALLIANASSA LATISPINA			1		1		2	2
64	LEPTOCHELIA SP	1	1					2	2
65	GLYCERIDAE				2			2	1
66	CHAETOZONE SETOSA					2		2	1
67	GNATHIA SP	2						2	1
68	ACTEOCINA CANDEI					2		2	1
69	TEREBELLIDES STROEMII					2		2	1
70	CRASSINELLA MARTINICENSIS	2						2	1
71	PHYLLODOCE MUCOSA		2					2	1
72	AMYGDALUM PAPYRIUM	2						2	1
73	SPIOPHANES SP	1						1	1
74	NEREID(NICON) SPA					1		1	1
75	AMPELISCA VERRILLI				1			1	1
76	OSTRACOD SPY	1						1	1
77	MARPHYSA SANGUINEA						1	1	1
78	AMPHARETE PARVIDENTATA						1	1	1
79	PILARGIS BERKELYAE					1		1	1
80	EUCHONE ROSEA	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	SARSIELLA SPH	1						1	1
82	CUMACEAN SPD				1			1	1
83	MEGALOMMA CF BIOCULATUM	1						1	1
84	NEPHTYS INCISA	1						1	1
85	OPHIUROIDEA					1		1	1
86	SPIO PETTIBONEAE					1		1	1
87	BYBLIS CF GAIMARDI					1		1	1
88	THARYX DORSOBRANCHIALIS		1					1	1
89	PHILINE SAGRA	1						1	1
90	SYLLIS SPC						1	1	1
91	CALOCARIS OXYPLEURA				1			1	1
92	NOTOMASTUS AMERICANUS	1						1	1
93	ONUPHIS SPD						1	1	1
94	AMPELISCA AGASSIZI		1					1	1
95	PROCESSA HEMPHILLI						1	1	1
96	RUTIDERMA SPD					1		1	1
97	SOLARIORBIS INFRACARINATA	1						1	1
98	CUSPIDARIA MEDIA			1				1	1
99	ARMANDIA MACULATA						1	1	1
100	GONIADA NORVEGICA						1	1	1
101	MINUSPIO CIRRIFERA					1		1	1
102	FILOGRANA IMPLEXA						1	1	1
103	SABELLARIDAE			1				1	1
104	TELLINA VERSICOLOR			1				1	1
105	AEDICIRA BELGICAE				1			1	1
106	AMPHIPOD SPA			1				1	1
107	SOLENOCERINAE	1						1	1
108	YOLDIA SOLEMOIDES				1			1	1
109	STHENELAIS SP						1	1	1
110	POTAMILLA SPATHIFERUS		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	CAULLERIELLA SPA		1					1	1
112	STREBLOSOMA SP	1						1	1
113	STHENOLEPIS CF JAPONICA	1						1	1
114	CUMELLA SP		1					1	1
115	PRIONOSPIO STEENSTRUPI		1					1	1
116	NOTOMASTUS CF LATERICEUS						1	1	1
117	CAPITELLIDAE			1				1	1
118	SERPULIDAE				1			1	1
119	HETEROPHOXUS CF OCULATUS					1		1	1
120	TEREBELLIDAE		1					1	1
121	AUTOMATE EVERMANNI	1						1	1
122	ABRA AEQUALIS		1					1	1
123	HYDROIDES PROTULICOLA		1					1	1
124	AMPELISCA CF CRISTATA		1					1	1
125	POLYDORA CF HARTMANAE						1	1	1
126	CUMACEAN	1						1	1
127	PRIONOSPIO CRISTATA						1	1	1
128	SPIOPHANES SPA		1					1	1
129	GONEPLACIDAE		1					1	1
130	VAUNTHOMPSONIA SP					1		1	1
131	BRYOZOA		1					1	1
	NO. OF SPECIES	54	44	29	36	41	42		
	NO. OF INDIVIDUALS	106	102	59	75	88	93	523	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	IV	131	523	5.9838	.9687	.7328

TABLE 3 CONT'D

STATION 4 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA PHYLLISAE	69	99	132	98	85	89	572	6
2	LUMBRINERIS PARVAPEDATA	85	42	21	65	19	21	253	6
3	MEDIOMASTUS CALIFORNIENSIS	93	35	9	59	10	15	221	6
4	MAGELONA PETTIBONEAE	55	40	14	28	14	2	153	6
5	PARAONIDES LYRA	23	19	12	21	12	7	94	6
6	NEMERTINEA	28	22	7	16	9	2	84	6
7	CLYMENELLA TORQUATA	33	2	3	20	7	8	73	6
8	SIPUNCULA	8	20	5	24	9	6	72	6
9	POLYCHAETE SPA	10	20	9	5	14	6	64	6
10	TELLINA SP	24	4		31	3	1	63	5
11	LUMBRINERIS TENUIS	5	18	2	17	3	8	53	6
12	XENANTHURA BREVITELSON	15	15	1	10	5	3	49	6
13	PARAPRIONOSPIO PINNATA	12	3	5	14	3	3	40	6
14	ARICIDEA TAYLORI	11	6	1	15	1	3	37	6
15	NEREID(NICON) SPA	6	10	8	4	6	2	36	6
16	TEREBELLIDES STROEMII	9	4	2	12	1	8	36	6
17	MELINNA MACULATA	3	4	7	8	8	4	34	6
18	CORBULA CF CONTRACTA	10	5	2	8	3	6	34	6
19	AMPHARETIDAE	8	1	2	21			32	4
20	OPHIUROIDEA	9	4	1	3	1	10	28	6

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARAONIS GRACILIS	6	3	6	9	3	1	28	6
22	ERYCINA SPA	12	1	3	4		4	24	5
23	AMPELISCA SPB	9	5		6	2	1	23	5
24	THARYX MARIONI		4	3	6	4	5	22	5
25	PALEANOTUS HETEROSETA	2	1	3	2	7	4	19	6
26	MALDANIDAE	1	5	1	7	3	1	18	6
27	GONIADA LITTOREA	5	3		6		4	18	4
28	OWENIA FUSIFORMIS	1	9		4	1	2	17	5
29	DIOPATRA CUPREA	1	2	3	5	2	4	17	6
30	THARYX ANNULOSUS	7	8		1			16	3
31	NOTOMASTUS HEMIPODUS	3		8	4	1		16	4
32	AMPELISCA VERRILLI	6	4	1	4		1	16	5
33	AGLAOPHAMUS VERRILLI		1		7		7	15	3
34	AGLAOPHAMUS CIRCINATA	3	7	2		3		15	4
35	COSSURA DELTA	1		4	2	3	5	15	5
36	ZOANTHARIA	5	3			2	5	15	4
37	STHENELAIS BOA	4	1	1	6	2		14	5
38	AMPELISCA CF CRISTATA	4	4	1	3		1	13	5
39	SPIOPHANES BOMBYX	2	1	1	9			13	4
40	SCHISTOMERINGOS RUDOLPHI	1	8		3			12	3
41	TELLINA VERSICOLOR	6			6			12	2
42	MAGELONA ROSEA	5	2	2	2	1		12	5
43	PRIONOSPIO CRISTATA	5	2		5			12	3
44	AUTOMATE SP	5	2		2	1		10	4
45	PARAONIDAE	1		4		4		9	3
46	LUCINA AMIANTUS	7	1		1			9	3
47	GYPTIS VITTATA	1	4			3	1	9	4
48	ONUPHIDAE	2	1	1	2		3	9	5
49	ABRA AEQUALIS	1	1	1	5		1	9	5
50	AEDICIRA BELGICAE	2			3	1	2	8	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PODOCEROPSIS SP	3	1		2	2		8	4
52	ALIGENA TEXASIANA	6			2			8	2
53	ISOLDA PULCHELLA		6				2	8	2
54	SPIONIDAE	2	2	1			3	8	4
55	MINUSPIO CIRRIFERA	4			1		2	7	3
56	DIPLODONTA CF SOROR	4	2			1		7	3
57	LUCINA MULTILINEATA	1	4	1	1			7	4
58	PISTA CRISTATA	2	2			1	1	6	4
59	AMPHARETE PARVIDENTATA	4			2			6	2
60	CALLIANASSA SP	1	2		3			6	3
61	PHOTIS MACROMANUS	1			4	1		6	3
62	RUTIDERMA SPB	4	1		1			6	3
63	SAMYTHELLA ELIASONI					4	2	6	2
64	ONUPHIS SPA	2	1	1	1		1	6	5
65	ECHINOIDEA	3		3				6	2
66	PECTINARIA GOULDII	1	3		2			6	3
67	NOTOMASTUS CF LATERICEUS	2		1	2	1		6	4
68	MINUSPIO LONGIBRANCHIATA	5						5	1
69	LOIMIA MEDUSA		1		2	1	1	5	4
70	CAPITELLIDAE			2	1		2	5	3
71	ARICIDEA JEFFREYSII			1	2	1	1	5	4
72	CERATOCEPHALE LOVENI	4			1			5	2
73	SCOLOPLOS RUBRA	3	1		1			5	3
74	MONOCULOIDES SPB	3			1	1		5	3
75	SIGAMBRA TENTACULATA	1	2		1		1	5	4
76	ARICIDEA WASSI	1	2	1		1		5	4
77	DENTALIUM CF EBOREUM	2			2	1		5	3
78	AMPHARETE ACUTIFRONS	1	2	1	1			5	4
79	SYNCHELIDIUM CF AMERICANUM	1			2	2		5	3
80	TEREBELLIDAE		1	2		1		4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	PHOTIS SPB	2	2					4	2
82	GONIADA NORVEGICA		2	2				4	2
83	LUMBRINERIDAE			4				4	1
84	TELLINA AEQUISTRIATA	4						4	1
85	SCLEROCONCHA SPA	1			3			4	2
86	PHYLLODOCE MUCOSA				1		3	4	2
87	AMAEANA TRILOBATA	3	1					4	2
88	EXOGONE DISPAR	2	1		1			4	3
89	HARMOTHOE IMBRICATA	1				1	2	4	3
90	APOPRIONOSPIO PYGMAEA	2	1		1			4	3
91	AMPELISCA AGASSIZI		3		1			4	2
92	APSEUDES SPA		2	1			1	4	3
93	LEPIDASTHENIA MACULATA		2	1	1			4	3
94	CHAETOZONE GAYHEADIA		1		1		1	3	3
95	RUTIDERMA SPC					3		3	1
96	DRILONEREIS MAGNA	1			1	1		3	3
97	ANTHURID SPA			1	2			3	2
98	SOLARIORBIS INFRACARINATA			3				3	1
99	LAONICE CIRRATA			3				3	1
100	OXYUROSTYLIS SP	1		2				3	2
101	BRISSOPSIS ALTA				3			3	1
102	MEGALOMMA CF BIOCULATUM				3			3	1
103	SYNELMIS SPA				3			3	1
104	AMPHICTEIS SPA				2		1	3	2
105	MEGALOMMA CF QUADRIOCULATUM	3						3	1
106	BRACHIOPOD SPA				1	1	1	3	3
107	NATICA PUSILLA	1		2				3	2
108	CIRRATULID SPA	3						3	1
109	SYLLIDAE	1			1	1		3	3
110	PILARGIS BERKELYAE					2	1	3	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	ARCTIDAE	1		2				3	2
112	SPIOCHAETOPTERUS COSTARUM	1				1		2	2
113	SERPULA VERMICULARIS		1		1			2	2
114	PARTHENOPIDAE	2						2	1
115	NOTOMASTUS LOBATUS		1	1				2	2
116	NEPHTYS PICTA				1	1		2	2
117	OSTRACOD SPBB	1					1	2	2
118	PISTA BREVIBRANCHIA			2				2	1
119	SIGAMBRA BASSI				2			2	1
120	ASTEROPELLA SPA				2			2	1
121	ACTINARIA	1					1	2	2
122	ONUPHIS NEBULOSA				1		1	2	2
123	EUPANTHALIS KIMBERGI	1				1		2	2
124	ACTINARIA SPA					1	1	2	2
125	GLYCERIDAE						2	2	1
126	ANADARA TRANSVERSA						2	2	1
127	PARAMPHINOME PULCHELLA	1					1	2	2
128	CADULUS CAROLINENSIS	1		1				2	2
129	AMPHARETE AMERICANA		2					2	1
130	NOTOMASTUS AMERICANUS		2					2	1
131	LUMBRINERIS JANUARII	1			1			2	2
132	EPISCYNIA INORNATA	2						2	1
133	SPEOCARCINUS LOBATUS			1	1			2	2
134	BRADA SP				2			2	1
135	NEPHTYS MAGELLANICA	2						2	1
136	NOTOMASTUS CF AMERICANUS	1		1				2	2
137	NUCULANA ACUTA	1			1			2	2
138	PHORONIDA	1			1			2	2
139	DIOPATRA PAPILLATA				2			2	1
140	SCHISTOMERINGOS SPA	2						2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	LYSIDICE NINETTA				1			1	1
142	HESIONIDAE			1				1	1
143	OPHIOGLYCERA GIGANTEA			1				1	1
144	SABELLARIA VULGARIS				1			1	1
145	UNCIOLA SERRATA		1					1	1
146	AMAEANA ACCRAENSIS					1		1	1
147	VOLVULELLA TEXASIANA			1				1	1
148	ONUPHIS SPF						1	1	1
149	CYCLASPIS VARIANS	1						1	1
150	PROCESSIDAE		1					1	1
151	NOTOMASTUS LATERICEUS						1	1	1
152	PINNOTHERIDAE				1			1	1
153	PRIONOSPIO STEENSTRUPI	1						1	1
154	LIMA LOCKLINI				1			1	1
155	GONEPLACIDAE	1						1	1
156	GLYCERA CAPITATA		1					1	1
157	SCOLOPLOS CF ACMECEPS			1				1	1
158	SERPULIDAE		1					1	1
159	SOLEN VIRIDIS						1	1	1
160	ERIOPISA SPB				1			1	1
161	LYONSIA HYALINA FLORIDANA	1						1	1
162	PELECYPOD SPD	1						1	1
163	SPIOPHANES SPA	1						1	1
164	POLYDORA CF CORCHARUM	1						1	1
165	STHENELAIS SP	1						1	1
166	LUMBRINERIS LATREILLI	1						1	1
167	GLYCERA AMERICANA	1						1	1
168	MARPHYSA SANGUINEA		1					1	1
169	RAMINOIDES LOEVIS						1	1	1
170	ONUPHIS PERUANA						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
171	HYDROZOA	1						1	1
172	ALPHEIDAE	1						1	1
173	CAECUM IMBRICATUM	1						1	1
174	PAGURINAE				1			1	1
175	DORVILLEA CAECA			1				1	1
176	EXOGONE VERUGERA		1					1	1
177	SABELLARIDAE			1				1	1
178	VOLVULELLA RECTA		1					1	1
179	PROTANKYRA ABYSSICOLA				1			1	1
180	MICROSPIO PIGMENTATA	1						1	1
181	GONIADA MACULATA					1		1	1
182	EUCLYMENE SP				1			1	1
183	MALACOCEROS VANDERHORSTI					1		1	1
184	ONUPHIS EREMITA	1						1	1
185	EUCERAMUS PRAELONGUS						1	1	1
186	FINELLA DUBIA			1				1	1
187	MAGELONA LONGICORNIS				1			1	1
188	PIROMIS ERUCA		1					1	1
189	DENTALIUM SPA	1						1	1
190	LEUCOSIIDAE					1		1	1
191	ASYCHIS ELONGATA	1						1	1
192	SCOLELEPIS TEXANA				1			1	1
193	POLYODONTES LUPINA					1		1	1
194	CHAETOZONE SETOSA				1			1	1
195	ASYCHIS SP	1						1	1
196	CAPITELLID SPB		1					1	1
197	ACTEOCINA CANDEI	1						1	1
198	ARMANDIA MACULATA	1						1	1
199	PARANTHUS SP					1		1	1
200	MELANELLIDAE						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
201	PARASTEROPE SPP			1				1	1
	NO. OF SPECIES	120	83	69	104	65	68		
	NO. OF INDIVIDUALS	749	519	337	679	293	298	2875	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	IV	201	2875	5.4577	.9372	.3333

TABLE 3 CONT.'D

STATION 5 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ACLIS SPA	3		5	19	10		37	4
2	LUMBRINERIS PARVAPEDATA	5	1	8	2	5	10	31	6
3	AMPELISCA ABDITA	2	3	7		5	9	26	5
4	PARAPRIONOSPIO PINNATA	3	6	7	1	2	3	22	6
5	NEMERTINEA	4	1	5	1	1	6	18	6
6	NEPHTYS INCISA	3	2	5		3	5	18	5
7	MEDIOMASTUS CALIFORNIENSIS			2	3	8	2	15	4
8	NUCULANA ACUTA	2	1	2		3	4	12	5
9	PARADONIS GRACILIS		5	2	1	1	3	12	5
10	COSSURA DELTA		1	2	3	3	3	12	5
11	AMPELISCA VERRILLI	3	1	1		2	3	10	5
12	EUDORELLA MONODON		1	2		1	6	10	4
13	NEREID(NICON) SPA	1			4	1		6	3
14	NOTOMASTUS CF LATERICEUS		2	1		1	2	6	4
15	CORBULA CF CONTRACTA					4	1	5	2
16	VITRINELLA FLORIDANA	4		1				5	2
17	SPIONIDAE		1	1		3		5	3
18	KALLIAPSEUDES SPA	1	2		1		1	5	4
19	NINOE NIGRIPES	2	1	1				4	3
20	VOLVULELLA TEXASIANA		2	1		1		4	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	THARYX MARIONI		1	1			2	4	3
22	MAGELONA LONGICORNIS		1	1		1		3	3
23	SYNCHELIDIUM CF AMERICANUM			2			1	3	2
24	ASYCHIS SP				1		2	3	2
25	CIRROPHORUS LYRIFORMIS	1	1	1				3	3
26	PARAONIS SPA	1		1		1		3	3
27	NEPHTYIDAE						3	3	1
28	STGAMBRA TENTACULATA		1			1		2	2
29	AMPELISCA AGASSIZI	1				1		2	2
30	LYONSIA HYALINA FLORIDANA					1	1	2	2
31	DIOPATRA CUPREA	2						2	1
32	PINNOTHERIDAE			1			1	2	2
33	NATICA SP			1		1		2	2
34	CAPRELLID		2					2	1
35	PARAONIDAE			1		1		2	2
36	CHAETOZONE GAYHEADIA					2		2	1
37	ABRA AEQUALIS					2		2	1
38	CAPITELLID SPC			1		1		2	2
39	VENERIDAE						2	2	1
40	NEREIDAE						1	1	1
41	OPHIUROIDEA	1						1	1
42	MAGELONA ROSEA						1	1	1
43	ONENIA FUSIFORMIS					1		1	1
44	LISTRIELLA BARGARDI		1					1	1
45	ALPHEUS SP					1		1	1
46	OPHIOGLYCERA LONGICIRRATA					1		1	1
47	PITAR CORDATUS					1		1	1
48	THARYX FILIBRANCHIA		1					1	1
49	SIGALIONIDAE			1				1	1
50	ASYCHIS ELONGATA	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AMPHIPOD SPA					1		1	1
52	OPHIOGLYCERA GIGANTEA				1			1	1
53	AUTOMATE SP				1			1	1
54	STHENELAIS SP	1						1	1
55	LUMBRINERIS ALBIDENTATA			1				1	1
56	LUMBRINERIS TENUIS		1					1	1
57	OPHIOGLYCERA SP						1	1	1
58	MALACOCEROS VANDERHORSTI		1					1	1
59	SCHISTOMERINGOS RUDOLPHI			1				1	1
60	AMPHARETIDAE		1					1	1
61	SCLEROCONCHA SPA			1				1	1
62	SPEUCARCINUS LOBATUS		1					1	1
63	DENTALIUM CF EPOREUM	1						1	1
64	GLYCERA NATALENSIS	1						1	1
65	ARMANDIA MACULATA		1					1	1
	NO. OF SPECIES	21	27	30	12	32	24		
	NO. OF INDIVIDUALS	43	43	67	38	71	73	335	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	IV	65	335	5.0386	.9552	.7692

TABLE 3 CONT.'D

STATION 6 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SPA		7	20	31	38	9	105	5
2	MALDANIDAE	17	7	10	16	28	10	88	6
3	SABELLIDAE	11	7	4	34	21		77	5
4	PITAR CORDATUS	21	2	5	11	19	7	65	6
5	PARAMPHINOME PULCHELLA	1	2	24	8	5	2	42	6
6	SARSIELLA SPB		2	4	6	12	2	26	5
7	NUCULA PROXIMA		2	3	7	9	3	24	5
8	CORBULA CF CONTRACTA			10	8	2	1	21	4
9	VENERIDAE				13	4	3	20	3
10	OSTRACOD SPGG	1	2	1	3	8	4	19	6
11	CRASSINELLA MARTINICENSIS		1	4		10	3	18	4
12	ASYCHIS SP	1	1	3	1	4	7	17	6
13	SPIONIDAE			1	13			14	2
14	COSSURA DELTA	3	4	1		4	2	14	5
15	CERAPUS TUBULARIS	1				6	7	14	3
16	SIPUNCULA	3	1	3	1	2	3	13	6
17	LYONSIA HYALINA FLORIDANA		2	2	7	2		13	4
18	ANTHURID SPA			5	1	4	3	13	4
19	GNATHIA SP		4	2		2	4	12	4
20	KALLIAPSEUDES SPA		2	5	4	1		12	4

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIOPHANES LONGICIRRUS	4	1		4	3		12	4
22	AMPHARETIDAE	5	1		2	1	2	11	5
23	NEMERTINEA			2	3	4	2	11	4
24	CLYMENELLA TORQUATA		1	7	1		2	11	4
25	SCLEROCONCHA SPA	1	2	2	1	4	1	11	6
26	ONUPHIS SPA	2	1.	2	2	1	2	10	6
27	CIRROPHORUS LYRIFORMIS	1	1	1	4	1	1	9	6
28	CUMACEAN SPI		1		3	4	1	9	4
29	RUTIDERMA SPB			3	5	1		9	3
30	ASYCHIS ELONGATA				3	3	2	8	3
31	SPIOCHAETOPTERUS COSTARUM	1	3		1	1	2	8	5
32	MEDIOMASTUS CALIFORNIENSIS	1	3		1	2	1	8	5
33	PARAONIS GRACILIS	3			4	1		8	3
34	NOTOMASTUS CF LATERICEUS		3	1		2	1	7	4
35	OPHIUROIDEA	2	1	1	2		1	7	5
36	MAGELONA LONGICORNIS		2	1	1	2	1	7	5
37	NEPHTYS INCISA	1	1	2	1	2		7	5
38	AGLAOPHAMUS CIRCIDATA	2		1	2		2	7	4
39	SIGAMBRA TENTACULATA			3		3		6	2
40	OSTRACOD SPD					3	3	6	2
41	THARYX MARIONI		4	1		1		6	3
42	AMPELISCA ABDITA			1	3	1	1	6	4
43	MARPHYSA SPA	2	2	1			1	6	4
44	SAMYTHELLA ELIASONI			2	2		1	5	3
45	NOTOMASTUS LATERICEUS		2		1	2		5	3
46	SYLLIDAE			1		4		5	2
47	AMPHARETE ACUTIFRONS	1				3	1	5	3
48	TERENELLIDES STROEMII			1	2	1	1	5	4
49	BRACHIOPOD SPA				3		2	5	2
50	NEREID(NICON) SPA		1	1	1	1	1	5	5

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	YOLDIA SOLENOIDES		1			3	1	5	3
52	PARADNIS SPA					4		4	1
53	PECTINIDAE					4		4	1
54	LUMBRINERIS ALBIDENTATA					3	1	4	2
55	SARSIELLA SPK			1		2	1	4	3
56	SYLLIS SPC			1	3			4	2
57	PARAPRIONOSPIO PINNATA			1			3	4	2
58	SCHISTOMERINGOS RUDOLPHI		1	1	2			4	3
59	HETEROSPIO LONGISSIMA	2				2		4	2
60	AMYGDALUM PAPYRIUM		1		2		1	4	3
61	POLYNOIDAE				2	1	1	4	3
62	AMPHICTEIS GUNNERI		1		2		1	4	3
63	OSTRACOD SPJJ				1	3		4	2
64	PHYLLOPHORIDAE					3		3	1
65	MINUSPIO LONGIBRANCHIATA			1			2	3	2
66	ARICIDEA JEFFREYSII			1	2			3	2
67	SERPULA VERMICULARIS	1				1	1	3	3
68	CERIANTHARIA SPA			1	1	1		3	3
69	CALOCARIS OXYPLEURA			1	1		1	3	3
70	LUMBRINERIS PARVAPEDATA		2		1			3	2
71	DIOPATRA TRIDENTATA	1	1		1			3	3
72	ONUPHIS NEBULOSA			1		2		3	2
73	ONUPHIS SPF				3			3	1
74	SYNCHELIDIUM CF AMERICANUM				3			3	1
75	VAUNTHOMPSONIA SP				2	1		3	2
76	EUDORELLA MONODON				1	2		3	2
77	CERATOCEPHALE LOVENI	1		1		1		3	3
78	LAONICE CIRRATA			1	1			2	2
79	MARPHYSA SANGUINEA				2			2	1
80	SPIOPHANES SPA		2					2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	SARSIELLA SPH			2				2	1
82	CUMACEAN SPG					2		2	1
83	ACTEOCINA CANDEI					2		2	1
84	POLYCHAETE SPA	1		1				2	2
85	AMPELISCA SPA			1	1			2	2
86	PYRONCULUS CAELATUS			1		1		2	2
87	AMPELISCA VERRILLI		2					2	1
88	PHILOMEDES SPC			1		1		2	2
89	XENANTHURA BREVITELSON				1		1	2	2
90	OWENIA FUSIFORMIS					2		2	1
91	SERPULIDAE			1		1		2	2
92	GLYCERA TESSELATA				2			2	1
93	EUCHONE ROSEA		2					2	1
94	ONUPHIDAE			1		1		2	2
95	CORBULA KREBSIANA		1			1		2	2
96	FABRICIA SPA			1			1	2	2
97	GONIADA NORVEGICA			1	1			2	2
98	PHOTIS MACROMANUS					2		2	1
99	ASYCHIS CAROLINAE		1		1			2	2
100	NUCULANA ACUTA			1	1			2	2
101	CIRRATULID-B					2		2	1
102	GRUBEULEPIS SP		1	1				2	2
103	HESIONIDAE				2			2	1
104	STHENELAIS BOA	1	1					2	2
105	PHOTIS SPB					2		2	1
106	MEGALOMMA CF QUADRIOCULATUM				1			1	1
107	SPHAEROSYLLIS CF SUBLAEVIS		1					1	1
108	SPIOPHANES SP			1				1	1
109	SCHISTOMERINGOS SPA			1				1	1
110	CHLOEIA VIRIDIS					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	THARYX ANNULOSUS				1			1	1
112	AEDICIRA BELGICAE					1		1	1
113	PARALACYDONIA PARADOXA				1			1	1
114	STHENOLEPIS CF JAPONICA					1		1	1
115	SCOLELEPIS TEXANA						1	1	1
116	PARAONIDAE				1			1	1
117	MALACOCEROS SP						1	1	1
118	GONIADA TERES			1				1	1
119	EPISCYNIA INORNATA					1		1	1
120	GYPTIS VITTATA				1			1	1
121	PROCESSIDAE					1		1	1
122	LUMBRINERIS TENUIS						1	1	1
123	SPHAEROSYLLIS CF FORTUITA				1			1	1
124	PARAONIDES LYRA			1				1	1
125	DRILONEREIS MAGNA					1		1	1
126	HYDROZOA		1					1	1
127	ARMANDIA MACULATA			1				1	1
128	ASTEROIDEA					1		1	1
129	MAGELONA ROSEA						1	1	1
130	CAPITELLIDAE	1						1	1
131	AMPELISCA AGASSIZI			1				1	1
132	CF PARATHELEPUS SP			1				1	1
133	DENTALIUM SOPERBYI				1			1	1
134	VITRINELLA FLORIDANA					1		1	1
135	DENDROCHIROTIDA				1			1	1
136	HOLOTHUROIDEA		1					1	1
137	CALLIANASSA CF MARGINATA				1			1	1
138	SARSIELLA CF OZOTHRIX				1			1	1
139	PRIONOSPIO STEENSTRUPI			1				1	1
140	ONCIOLA SERRATA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	VERTICORDIA ORNATA					1		1	1
142	PHILINE SAGRA			1				1	1
143	RUTIDERMA SPP						1	1	1
144	AGLAOPHAMUS INERMIS						1	1	1
145	ARABELLA IRICOLOR			1				1	1
146	PARASTEROPE SPP			1				1	1
147	OSTRACOD SPKK					1		1	1
148	HETEROPHOXUS CF OCULATUS			1				1	1
149	PALEANOTUS HETEROSETA			1				1	1
150	DISTORSIO CLATHRATA	1						1	1
151	MAGELONA PHYLLISAE	1						1	1
152	CAPITELLID SPB						1	1	1
153	STERNASPIS SCUTATA					1		1	1
154	CUSPIDARIA MEDIA			1				1	1
155	SARSIELLID NSPB					1		1	1
156	CUMACEAN SPF						1	1	1
157	OSTRACOD SPMM			1				1	1
158	TEREBELLIDAE				1			1	1
159	SPIOPHANES BOMBYX				1			1	1
160	MODIOLUS AMERICANUS			1				1	1
161	DIOPATRA CUPREA					1		1	1
162	SARSIELLID NSPD					1		1	1
163	CUMACEAN SPH					1		1	1

NO. OF SPECIES	31	49	75	75	84	58	
NO. OF INDIVIDUALS	95	97	180	267	297	125	1061

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	IV	163	1061	6.0196	.9676	.6012

TABLE 3 CONT'D

STATION 7 TRANSECT IV PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS SPA	3	2		4		2	11	4
2	THARYX MARIONI	1	3				3	7	3
3	COSSURA DELTA	1	1		2	1	1	6	5
4	PARALACYDONIA PARADOXA	2		1	1		2	6	4
5	SPIONIDAE	4						4	1
6	STIGAMBRA TENTACULATA		1		1	2		4	3
7	STERNASPIS SCUTATA	2			1	1		4	3
8	NEPHTYS INCISA				3	1		4	2
9	OSTRACOD SPAA	2					1	3	2
10	SIPUNCULA	1				1	1	3	3
11	ACLIS SPA						3	3	1
12	NEPHTYIDAE	1					2	3	2
13	THARYX SP	3						3	1
14	PARAONIS GRACILIS			1			2	3	2
15	YOLDIA SOLENOIDES			1		1		2	2
16	NINOE NIGRIPES	1					1	2	2
17	PARAONIDES LYRA	2						2	1
18	NEMERTINEA		2					2	1
19	NUCULANA ACUTA		1		1			2	2
20	AMPELISCA AGASSIZI	1				1		2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	GONIADA MACULATA					2		2	1
22	SABELLIDAE				1	1		2	2
23	PARAPRIONOSPIO PINNATA	1						1	1
24	AMPHIPOD SPA			1				1	1
25	OSTRACOD SPD						1	1	1
26	PITAR CORDATUS	1						1	1
27	MINUSPIO LONGIBRANCHIATA	1						1	1
28	CAPRELLID			1				1	1
29	LUMBRINERIS FRAGILIS	1						1	1
30	ANCISTROSYLLIS GROENLANDICA	1						1	1
31	SCOLELEPIS TEXANA					1		1	1
32	LUMBRINERIS PARVAPEDATA	1						1	1
33	AGLAOPHAMUS CIRCINATA	1						1	1
34	HETEROSPIO LONGISSIMA						1	1	1
35	PELECYPOD SPA	1						1	1
36	GYPTIS VITTATA					1		1	1
	NO. OF SPECIES	21	6	5	8	11	12		
	NO. OF INDIVIDUALS	32	10	5	14	13	20	94	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
7	IV	36	94	4.8045	.9643	1.1111

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	11	59	89	56	9	70	294	6
2	MEDIOMASTUS CALIFORNIENSIS	5	3	3	5	46	20	82	6
3	MAGELONA PHYLLISAE	5	3	4	4	4	5	25	6
4	NEPHTYS INCISA	3	3	7	7	2	3	25	6
5	NEREID(NICON) SPA	4	4	3	7	3	4	25	6
6	AMPELISCA AGASSIZI	3	2	2	3	4	8	22	6
7	SIGAMBRA TENTACULATA	1	3	1	1	12	2	20	6
8	COSSURA DELTA		5	2	4	3	4	18	5
9	AMPELISCA VERRILLI	3	2	2	7	1	1	16	6
10	AMPELISCA ABDITA			1	5	3	5	14	4
11	NEMERTINEA		3	2	8		1	14	4
12	VITRINELLA FLORIDANA		2	4		2	6	14	4
13	MINUSPIO CIRRIFERA	8	1	1		2	1	13	5
14	SPIONIDAE					2	9	11	2
15	PRIONOSPIO CRISTATA		1	1	1		6	9	4
16	MINUSPIO LONGIBRANCHIATA	5			1	1	1	8	4
17	ARMANDIA MACULATA			4	1	1		6	3
18	ARICIDEA TAYLORI			1			4	5	2
19	AUTOMATE SP	1		2	2			5	3
20	NATICA PUSILLA		1		2	2		5	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA ROSEA		1	1	1	1		4	4
22	NINOE NIGRIPES	1			2	1		4	3
23	PHOTIS MACROMANUS	1			3			4	2
24	MAGELONA LONGICORNIS		3				1	4	2
25	AMPELISCA SPB	4						4	1
26	LISTRIELLA BARNARDI			1	1	1		3	3
27	ANCISTROSYLLIS JONESI				3			3	1
28	PINNOTHERIDAE	1				1	1	3	3
29	GONEPLACIDAE			2				2	1
30	NATICA SP	1				1		2	2
31	MALACOCEROS INDICUS			1		1		2	2
32	NOTOMASTUS CF LATERICEUS				1			1	1
33	TELLINA SP					1		1	1
34	LIMA LOCKLINI				1			1	1
35	PILARGIS BERKELYAE					1		1	1
36	MALACOCEROS VANDERHORSTI	1						1	1
37	CRASSINELLA MARTINICENSIS	1						1	1
38	SPIOPHANES BOMBYX						1	1	1
39	ARICIDEA JEFFREYSII		1					1	1
40	ACTINARIA	1						1	1
41	VOLVULELLA TEXASIANA						1	1	1
42	ALPHEUS SP			1				1	1
43	SPEOCARCINUS LOBATUS					1		1	1
44	PARAMPHINOME PULCHELLA						1	1	1
45	SIGAMBRA BASSI					1		1	1
46	LUMBRINERIS PARVAPEDATA			1				1	1
47	DRILONEREIS MAGNA					1		1	1
48	CAMPANULARIDAE						1	1	1
49	NOTOMASTUS SP	1						1	1
50	ACLIS SPA					1		1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AUTOMATE EVERMANNI						1	1	1
52	PARAONIS GRACILIS		1					1	1
53	ALPHEUS FLORIDANUS		1					1	1
54	CHASMOCARCINUS MISSISSIPPIENSIS	1						1	1
55	TRACHYPENAEUS SIMILIS	1						1	1
	NO. OF SPECIES	22	19	23	23	28	24		
	NO. OF INDIVIDUALS	63	99	136	126	109	157	690	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	55	690	3.6203	.7958	.3273

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEPHTYS INCISA	4	3	8	5	1	2	23	6
2	PARADNIS GRACILIS	1	13	1				15	3
3	COSSURA DELTA	2	4			1	4	11	4
4	NEMERTINEA	5		1	2		2	10	4
5	PARAONIS SPA	2			6	1	1	10	4
6	APSEUDES SPA			6		3		9	2
7	PARAPRIONOSPIO PINNATA	3	1	2	3			9	4
8	SPIONIDAE		7			1	1	9	3
9	MAGELONA LONGICORNIS	2	3			2	2	9	4
10	AUTOMATE EVERMANNI	3	1	1		3		8	4
11	KALLIAPSEUDES SPA			1	4	2		7	3
12	THARYX MARIONI	1	3	1		2		7	4
13	PINNOTHERIDAE	1	1	1	2		2	7	5
14	ABRA AEQUALIS	1	2	2				5	3
15	MAGELONA ROSEA		2	1	1		1	5	4
16	EUDORELLA MONODON	3				1		4	2
17	CORBULA CF CONTRACTA	1		3				4	2
18	NOTOMASTUS CF LATERICEUS		3				1	4	2
19	HETEROSPIO LONGISSIMA	1			1			2	2
20	MINUSPIO SP			2				2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MEDIOMASTUS CALIFORNIENSIS			2				2	1
22	OPHIUROIDEA	1			1			2	2
23	LUMBRINERIS PARVAPEDATA	1			1			2	2
24	LISTRIELLA BARNARDI					1	1	2	2
25	DIOPATRA TRIDENTATA	1	1					2	2
26	ARMANDIA MACULATA					1	1	2	2
27	ALPHEUS SP		2					2	1
28	AMPELISCA AGASSIZI		1					1	1
29	ARICIDEA WASSI				1			1	1
30	NATICA PUSILLA	1						1	1
31	OPHIOGLYCERA LONGICIRRATA					1		1	1
32	DRILONEREIS MAGNA						1	1	1
33	POLYCHAETE SPA			1				1	1
34	SPIOPHANES BOMBYX			1				1	1
35	NINOE NIGRIPES	1						1	1
36	AUTOMATE SP						1	1	1
37	SIGAMBRA BASSI	1						1	1
38	ACLIS SPA	1						1	1
39	AMPELISCA ABDITA	1						1	1
40	LUMBRINERIS TENUIS						1	1	1
41	THARYX FILIBRANCHIA			1				1	1
42	CIRROPHORUS BRANCHIATUS						1	1	1
43	ANACHIS CALLIGLYPTA	1						1	1
44	OPHIOGLYCERA GIGANTEA						1	1	1
45	NATICA SP				1			1	1
46	SPIOPHANES SP				1			1	1
47	NEREID(NICON) SPA				1			1	1
48	AMPELISCA VERRILLI	1						1	1
49	PSEUDEURYTHOE AMBIGUA				1			1	1
50	OPELIA SPA			1				1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CIRROPHORUS LYRIFORMIS		1					1	1
52	PARAONIDAE					1		1	1
53	AMPHICTEIS GUNNERI			1				1	1
54	PARAMPHINOME PULCHELLA			1				1	1
55	TELLINA SP		1					1	1
56	ARICIDEA TAYLORI	1						1	1
	NO. OF SPECIES	25	17	20	15	14	16		
	NO. OF INDIVIDUALS	41	49	38	31	21	23	203	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	56	203	5.0657	.9617	.9107

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEPHTYIDAE	3		3		5	1	12	4
2	SIGAMBRA TENTACULATA	2	7					9	2
3	SARSIELLA SPP		3	1	3			7	3
4	PARAONIS SPA			6	1			7	2
5	THARYX MARIONI	1	1	1		1	1	5	5
6	NEMERTINEA		1	1	3			5	3
7	ALTERNOCHELATA SPA			2	2			4	2
8	PARALACYDONIA PARADOXA			1	1	2		4	3
9	PARAONIS GRACILIS		1		1	1	1	4	4
10	XENANTHURA BREVITELSON		2	1		1		4	3
11	DENTALIUM SOMERRYI		1	2	1			4	3
12	TETRAGONODON SPA		2	1	1			4	3
13	SIPUNCULA		1	2		1		4	3
14	AGLAOPHAMUS CIRCINATA		3					3	1
15	LUMBRINERIS ABERRANS			1		2		3	2
16	ARMANDIA SP		3					3	1
17	PELECYPOD SPA		1	1		1		3	3
18	GLYCERA TESSELATA		1	1			1	3	3
19	PHILOMEDES SPA		2	1				3	2
20	LEPTOCHELIA SP	1		1		1		3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SCLEROCONCHA SPA			3				3	1
22	CALLIANASSA LATISPINA	1				1		2	2
23	CALLIANASSA SP				2			2	1
24	SPIONIDAE				1	1		2	2
25	GONIADA MACULATA	1			1			2	2
26	SCUTOPUS SPA					1	1	2	2
27	NUCULANA ACUTA		1	1				2	2
28	SYLLIS SPC		1	1				2	2
29	PARAPRIONOSPIO PINNATA		2					2	1
30	COSSURA DELTA	1		1				2	2
31	AMPELISCA VERRILLI			1				1	1
32	NEREIDAE				1			1	1
33	AMPHARETE ACUTIFRONS		1					1	1
34	SPIOPHANES LONGICIRRUS					1		1	1
35	CUMACEAN SPI				1			1	1
36	HETEROSPIO LONGISSIMA					1		1	1
37	ANCISTROSYLLIS GROENLANDICA						1	1	1
38	UNCIOLA SERRATA					1		1	1
39	LUMBRINERIS ALBIDENTATA		1					1	1
40	PITAR CORDATUS					1		1	1
41	STERNASPIS SCUTATA		1					1	1
42	ARMANDIA MACULATA						1	1	1
43	CHASMOCARCINUS MISSISSIPPIENSIS		1					1	1
44	ACLIS SPA			1				1	1
45	ERIOPISA SPB		1					1	1
46	ONENIA FUSIFORMIS		1					1	1
47	RINGICULA SEMISTRIATA						1	1	1
48	STHENELAIS BOA				1			1	1
49	CUMACEAN SPE					1		1	1
50	AMPHARETIDAE				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	VERTICORDIA FISCHERIANA						1	1	1
52	OPHIUROIDEA			1				1	1
53	SARSIELLA SPP			1				1	1
54	PARAONIDAE				1			1	1
55	PARAONIDES LYRA		1					1	1
56	HETEROPHOXUS CF OCULATUS			1				1	1
	NO. OF SPECIES	7	24	25	16	17	9		
	NO. OF INDIVIDUALS	10	40	37	22	23	9	141	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	56	141	5.4030	.9758	1.1071

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	5	10	14	17	2	22	70	6
2	NEPHTYS INCISA	6	8	7	10	6	7	44	6
3	LUMBRINERIS PARVAPEDATA	5	2	11	6	2	7	33	6
4	EUDORELLA MONODON	7	2	6	5		5	25	5
5	MEDIOMASTUS CALIFORNIENSIS	2	2	2	5	4	9	24	6
6	AMPELISCA AGASSIZI	13	1	4	2		1	21	5
7	PARAONIS GRACILIS	3	2	5	3	3	2	18	6
8	NOTOMASTUS CF LATERICEUS	1	1	5	1	1	4	13	6
9	SPIONIDAE		1	5	2		5	13	4
10	ACLIS SPA	6		2	3		1	12	4
11	NEMERTINEA	1	3	2	1	2	3	12	6
12	NATICA SP	1	3	1	1	1	4	11	6
13	COSSURA DELTA		2	1	4		1	8	4
14	CORBULA CF CONTRACTA		1		4	1	2	8	4
15	AMPELISCA VERRILLI				1	1	5	7	3
16	ARMANDIA MACULATA	1		1		1	4	7	4
17	MINUSPIO LONGIBRANCHIATA		4		1		2	7	3
18	VITRINELLA FLORIDANA	6						6	1
19	AMPELISCA ABDITA	2		1	2		1	6	4
20	ABRA AEQUALIS				6			6	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MAGELONA LONGICORNIS	1		3		1		5	3
22	SIGAMBRA TENTACULATA	1			1		3	5	3
23	LISTRIELLA BARNARDI		1	1		1	1	4	4
24	APSEUDES SPA			1	1		2	4	3
25	MAGELONA ROSEA		3			1		4	2
26	PINNOTHERIDAE	1	1		1			3	3
27	THARYX ANNULOSUS		1	2				3	2
28	ARICIDEA JEFFREYSII	2			1			3	2
29	ERIOPISA SPB	2		1				3	2
30	MINOE NIGRIPES	1		1		1		3	3
31	SPIOPHANES BOMBYX					2		2	1
32	PRIONOSPIO CRISTATA		1		1			2	2
33	OPHIUROIDEA	1				1		2	2
34	AEDICIRA BELGICAE		1	1				2	2
35	OBELIA SPA	1			1			2	2
36	THARYX MARIONI	2						2	1
37	DIOPATRA CUPREA				1		1	2	2
38	PARAONIS SPA				1			1	1
39	ERICHTHONIAS BRASILIENSIS		1					1	1
40	STHENOLEPIS CF JAPONICA				1			1	1
41	ACTINARIA	1						1	1
42	PARAONIDAE			1				1	1
43	SIGAMBRA BASSI			1				1	1
44	CIRROPHORUS LYRIFORMIS					1		1	1
45	CORBULA CARIBAEA			1				1	1
46	DRILONEREIS MAGNA		1					1	1
47	TRACHYPENAEUS SIMILIS					1		1	1
48	ARABELLA IRICOLOR	1						1	1
49	ANCISTROSYLLIS PAPILLOSA	1						1	1
50	SPIO SP	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NOTOMASTUS LATERICEUS				1			1	1
52	ARICIDEA TAYLORI		1					1	1
53	GONEPLACIDAE		1					1	1
54	VOLVULELLA TEXASIANA				1			1	1
55	SIPUNCULA	1						1	1
56	SYLLIS SPC				1			1	1
57	COROPHIUM ASCHEPUSICUM		1					1	1
58	CAPITELLA CAPITATA	1						1	1
	NO. OF SPECIES	29	25	25	30	19	22		
	NO. OF INDIVIDUALS	77	55	80	86	33	92	423	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	58	423	4.7419	.9396	.7069

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	1		15	1		1	18	4
2	THYASIRA SP	1		2	1	7		11	4
3	COSSURA DELTA	4	1	1		2		8	4
4	PARAONIS GRACILIS	3	2	1	1			7	4
5	NEPHTYS INCISA	2			1	1		4	3
6	STIGAMBRA TENTACULATA			1	1	1		3	3
7	MAGELONA PHYLLISAE					3		3	1
8	ARMANDIA MACULATA	1		1				2	2
9	HETEROPHOXUS CF OCULATUS	1			1			2	2
10	PARAPRIONOSPIO PINNATA	1				1		2	2
11	NEMERTINEA	1				1		2	2
12	PARAONIS SPA			2				2	1
13	MAGELONA LONGICORNIS			1				1	1
14	LUMBRINERIS TENUIS			1				1	1
15	AEDICIRA BELGICAE			1				1	1
16	CAMPANULARIDAE						1	1	1
17	LEPTOSTYLIS SP			1				1	1
18	CARIDEA				1			1	1
19	ALPHEUS SP		1					1	1
20	CALOCARIS OXYPLEURA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARADNILES LYRA	1						1	1
22	EUDORELLA MONODON	1						1	1
23	OBELIA SPA					1		1	1
24	DRILONEREIS MAGNA					1		1	1
25	SCLEROCONCHA SPA				1			1	1
26	SPIOPHANES BIGLEYI				1			1	1
27	PECTINARIA GOULDII				1			1	1
28	THARYX MARIONI				1			1	1
29	SYNCHELIDIUM CF AMERICANUM				1			1	1
30	PINNOTHERIDAE				1			1	1
	NO. OF SPECIES	11	4	11	13	9	2		
	NO. OF INDIVIDUALS	17	5	27	13	18	2	82	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	30	82	4.1171	.9175	.8667

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	3	1	2	3	2	1	12	6
2	PARAONIS GRACILIS	4		1	1	1	1	8	5
3	ANTHURID SPA				1	7		8	2
4	HETEROPHOXUS CF OCULATUS	2		2	1		2	7	4
5	PARALACYDONIA PARADOXA			3	1	2	1	7	4
6	GNATHIA SP	2		1	3			6	3
7	PELECYPOD SPA	1		1		3		5	3
8	THARYX MARIONI	2	1	1	1			5	4
9	SIPUNCULA	1			1	2		4	3
10	STERNASPIS SCUTATA	1		2	1			4	3
11	COSSURA DELTA		1	1		1	1	4	4
12	SCUTOPUS SPA		1		1	2		4	3
13	OPHIUROIDEA	2			1			3	2
14	CUMACEAN SPC		1				2	3	2
15	PITAR CORDATUS	2				1		3	2
16	NEMERTINEA	1			2			3	2
17	ERIOPISA INCISA			3				3	1
18	CAPITELLIDAE			2		1		3	2
19	NISSOINA CANCELLATA					1	1	2	2
20	NEREIDAE	2						2	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MALDANIDAE			1		1		2	2
22	ONUPHIS SPA				2			2	1
23	PARASIEKOPE SPP	2						2	1
24	CIRROPHORUS LYRIFORMIS	2						2	1
25	MAGELONA LONGICORNIS				1	1		2	2
26	PARAMPHINOME PULCHELLA	2						2	1
27	HAPLOSCOLOPLOS FOLIOSUS		1			1		2	2
28	PARAONIDES LYRA		1	1				2	2
29	ABRA AEQUALIS	2						2	1
30	METAPHOXUS CF FREQUENS	1					1	2	2
31	PARAPRIONOSPIO PINNATA				1			1	1
32	OPHELIIDAE				1			1	1
33	THYASIRA SP					1		1	1
34	ARMANDIA SP	1						1	1
35	THARYX ANNULOSUS				1			1	1
36	ANADARA TRANSVERSA						1	1	1
37	ARMANDIA MACULATA						1	1	1
38	OPHIOGLYCERA SP	1						1	1
39	PARDALISCID SPA	1						1	1
40	LUMBRINERIS PARVAPEDATA						1	1	1
41	HYDROZOA	1						1	1
42	STHENELAIS BOA				1			1	1
43	SPIONIDAE	1						1	1
44	SPIOPHANES LONGICIRRUS				1			1	1
45	STHENELAIS SP			1				1	1
46	NOTOMASTUS CF AMERICANUS			1				1	1
47	FUCUSPIDELLA SP			1				1	1
48	NEPHTYS INCISA					1		1	1
49	CALLIANASSA ATLANTICA						1	1	1
50	SCLEROCONCHA SPB				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	ACLIS SPA			1				1	1
52	MEDIOMASTUS CALIFORNIENSIS		1					1	1
53	SABELLIDAE				1			1	1
	NO. OF SPECIES	22	8	17	21	16	12		
	NO. OF INDIVIDUALS	37	8	25	27	28	14	139	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	53	139	5.3034	.9736	1.0755

TABLE 3 CONT.'D

STATION 1 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	51	31	34	24	44	86	270	6
2	MEDIOMASTUS CALIFORNIENSIS	3	27	24		23	11	84	5
3	MAGELONA PHYLLISAE	2	13	6	3	8	6	38	6
4	NEMERTINEA	2	6	16		6	2	32	5
5	NEREID(NICON) SPA	6	7	1	1	6	10	31	6
6	AMPELISCA AGASSIZI	3	1	13		2	1	20	5
7	SIGAMBRA TENTACULATA		5		7	6	1	19	4
8	DEPHTYS INCISA		1	3	1	2	11	18	5
9	COSSURA DELTA	2	5	1	2	3	4	17	6
10	ARMANDIA MACULATA	2	7	5	1	1		16	5
11	AMPELISCA ABDITA	1	5	3	1	2		12	5
12	AMPELISCA VERRILLI	2	1		1	5	2	11	5
13	PINNOTHERIDAE	2	1	2	2	2		9	5
14	LISTRIELLA BARNARDI	2	3	1	1	2		9	5
15	MINUSPIO CIRRIFERA	1	1	5	1	1		9	5
16	SPIONIDAE	2		3	1	2		8	4
17	PRIONOSPIO CRISTATA		4	1		2		7	3
18	ARICIDEA JEFFREYSII		5			1		6	2
19	PHOTIS MACROMAGUS	2		2	1		1	6	4
20	MINUSPIO LONGIBRANCHIATA				2		3	5	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	AUTOMATE SP			1	2			3	2
22	TUBULARIA CRISTATA		3					3	1
23	ERIOPISA SPB		1	1		1		3	3
24	MAGELONA ROSEA		1	1		1		3	3
25	ALPHEUS FLORIDANUS			2				2	1
26	AMPELISCA SPB	2						2	1
27	SPIOPHANES BOMBYX					2		2	1
28	CHASMOCARCINUS MISSISSIPPIENSIS		1				1	2	2
29	MALACOCEROS VANDERHORSTI		1				1	2	2
30	MAGELONA LONGICORNIS		1				1	2	2
31	PARAONIS GRACILIS		1	1				2	2
32	PARAONIDAE						1	1	1
33	ACTINARIA		1					1	1
34	ALPHEUS SP	1						1	1
35	VITRINELLA FLORIDANA					1		1	1
36	MALACOCEROS SP						1	1	1
37	CANTHARUS CANCELLARIA				1			1	1
38	THARYX MARIONI		1					1	1
39	ARABELLA IRICOLOR				1			1	1
40	ONUPHIDAE			1				1	1
41	OPHIUROIDEA			1				1	1
42	ONUPHIS SPD				1			1	1
43	LUMBRINERIS PARVAPEDATA	1						1	1
44	NINOE NIGRIPES			1				1	1
45	NATICA PUSILLA					1		1	1
46	NOTOMASTUS CF LATERICEUS	1						1	1
47	REPTANTIA					1		1	1
	NO. OF SPECIES	19	26	24	19	24	17		
	NO. OF INDIVIDUALS	88	134	125	54	125	143	669	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	II	47	669	3.5736	.8095	.3830

TABLE 3 CONT.'D

STATION 2 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEPHTYS INCISA	12	2	7	6	1	1	29	6
2	PARAONIS GRACILIS	3	3	4	1	4	1	16	6
3	PARAPRIONOSPIO PINNATA	2	4	1	1	3	4	15	6
4	MAGELONA LONGICORNIS	3	4	4	1	2		14	5
5	NEMERTINEA	1	4	1	1	1	3	11	6
6	CORBULA CF CONTRACTA		6				4	10	2
7	NATICA SP	3		1	2		1	7	4
8	KALLIAPSEUDES SPA	1				3	3	7	3
9	PARAONIS SPA	1			1		5	7	3
10	MAGELONA ROSEA	1		2	1	1	2	7	5
11	SPIONIDAE		6		1			7	2
12	LUMBRINERIS PARVAPEDATA	1	1	1			2	5	4
13	CUSSURA DELTA	1	1		1	1		4	4
14	NEPHTYIDAE		3				1	4	2
15	CIRROPHORUS BRACHIATUS	3						3	1
16	PARAONIDES LYRA		1		2			3	2
17	ARMANDIA MACULATA	3						3	1
18	NEREID(NICON) SPA					2	1	3	2
19	SIGAMBRA TENTACULATA	1			1			2	2
20	NINOE NIGRIPES		1		1			2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	STHENELAIS SP			1			1	2	2
22	SPIOPHANES BOMBYX	1	1					2	2
23	HETEROSPIO LONGISSIMA	1				1		2	2
24	AMPHARETIDAE				1		1	2	2
25	POLYCHAETE SPA					1	1	2	2
26	HESIONIDAE					1	1	2	2
27	EUDORELLA MONODON	1		1				2	2
28	MEDIOMASTUS CALIFORNIENSIS	2						2	1
29	AMPELISCA ABDITA	1				1		2	2
30	NOTOMASTUS AMERICANUS		2					2	1
31	CUMACEAN SPB		1					1	1
32	PHILOMEDES SPC		1					1	1
33	PARAONIDAE					1		1	1
34	BRACHIOPOD SPA						1	1	1
35	ARABELLA TRICOLOR			1				1	1
36	TELLINA SP	1						1	1
37	LISTRIELLA BARNARDI						1	1	1
38	CHASMOCARCINUS MISSISSIPPIENSIS	1						1	1
39	PITAR CORDATUS	1						1	1
40	OPHIUROIDEA				1			1	1
41	PINNOTHERIDAE						1	1	1
42	ABRA AEQUALIS						1	1	1
43	AMPHICTEIS GUNNERI	1						1	1
44	NOTOMASTUS CF LATERICEUS				1			1	1
45	CIRRATULIDAE						1	1	1
46	ONUPHIDAE	1						1	1
47	ALPHEUS FLORIDANUS		1					1	1
48	DRILONEREIS MAGNA		1					1	1
49	GONEPLACIDAE					1		1	1
50	APSEUDES SPA						1	1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AMPELISCA VERRILLI			1				1	1
52	ECHIURIDEA						1	1	1
53	AMPELISCA AGASSIZI				1			1	1
54	PROCESSIDAE		1					1	1
55	VOLVULELLA TEXASIANA		1					1	1
56	AEDICIRA BELGICAE		1					1	1
57	HYDROZOA			1				1	1
58	AUTOMATE EVERMANNI		1					1	1
59	SCOLELEPIS TEXANA		1					1	1
	NO. OF SPECIES	24	23	13	17	15	23		
	NO. OF INDIVIDUALS	47	48	26	24	24	39	208	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	II	59	208	5.0311	.9548	.8475

TABLE 3 CONT.'D

STATION 3 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIGAMBRA TENTACULATA	7	5	6	1	1	1	21	6
2	PARADNIS GRACILIS	2	3	4		3	1	13	5
3	THARYX MARIONI	1		1	3	2	3	10	5
4	NEMERTINEA	2	1	2	2	2	1	10	6
5	SIPUNCULA		1	4	2	2	1	10	5
6	DENTALIUM SOWERBYI	2		1	2	2		7	4
7	PELECYPOD SPA				5	1	1	7	3
8	PARALACYDONIA PARADOXA			2	1	4		7	3
9	NEPHTYIDAE	1	1	2			2	6	4
10	COSSURA DELTA	2		1		3		6	3
11	STERNASPIS SCUTATA			2	3		1	6	3
12	TETRAGONODON SPA	2	1	2				5	3
13	LEPTOCHELIA SP	2		1			1	4	3
14	XENANTHURA BREVITELSON	1		1	2			4	3
15	PITAR CORDATUS					1	2	3	2
16	SARSIELLA SPF			1		1	1	3	3
17	SCLEROCONCHA SPA			1			2	3	2
18	SARSIELLA SPB	1			2			3	2
19	BYBLIS CF GAIMARDI	1					2	3	2
20	NINOE NIGRIPES		1	1	1			3	3

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LISTRIELLA SPA					3		3	1
22	NATICA SP			2	1			3	2
23	MALDANIDAE			1			1	2	2
24	ONUPHIS SPA	2						2	1
25	NUCULANA ACUTA				1	1		2	2
26	SCUTOPUS SPA			1		1		2	2
27	CYCLOCARDIA ARGILLA				2			2	1
28	ARICIDEA JEFFREYSII				2			2	1
29	PHILOEDES SPA		1				1	2	2
30	OPHELIIDAE	1			1			2	2
31	AMYGDALUM PAPYRIUM	1					1	2	2
32	GONIADIDAE			1				1	1
33	AEDICIRA ALBATROSSAE			1				1	1
34	DEPHTYS INCISA			1				1	1
35	SYLLIS SPB					1		1	1
36	OPHIURGIDEA					1		1	1
37	NEBALIA SP					1		1	1
38	CERIANTHARIA SPA	1						1	1
39	PARGALISCID SPA			1				1	1
40	AMPELISCA VERRILLI			1				1	1
41	PARAONIDES LYRA				1			1	1
42	CALOCARIS OXYPLEURA	1						1	1
43	ALTERONICHELATA SPA					1		1	1
44	PARAONIDAE		1					1	1
45	HIPPOMEDON CF SERRATUS						1	1	1
46	CAPITELLIDAE		1					1	1
47	OREMIA FUSIFORMIS		1					1	1
48	EUDORELLA MONODON				1			1	1
49	AMPELISCA SPA	1						1	1
50	LUMBRINERIS AMERICALS				1			1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CALLIANASSA SP					1		1	1
52	LUMBRINERIS PARVAPEDATA	1						1	1
53	POECILOCHAETUS JOHNSONI					1		1	1
54	SIGALIONIDAE				1			1	1
55	CUSPIDARIA MEDIA						1	1	1
56	VERTICORDIA FISCHERIANA				1			1	1
57	PARADNIS SPA				1			1	1
58	ANTHURID SPB					1		1	1
59	PARAPRIONOSPIO PINNATA					1		1	1
60	ABRA AEQUALIS		1					1	1
61	OSTRACOD SPY				1			1	1
62	CALLIANASSA ATLANTICA					1		1	1
63	ONUPHIDAE				1			1	1
64	MEDIOMASTUS CALIFORNIENSIS			1				1	1
65	CHAETODERMA SPA				1			1	1
66	ACTINARIA						1	1	1
67	ERIOPISA INCISA				1			1	1
68	CALLIANASSA LATISPINA		1					1	1
69	CALLIANASSA CF ATLANTICA		1					1	1
	NO. OF SPECIES	19	14	25	26	23	19		
	NO. OF INDIVIDUALS	32	26	42	41	36	25	196	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	II	69	196	5.4342	.9693	.9565

TABLE 3 CONT.'D

STATION 4 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	2	8	16	24	9	9	68	6
2	NEPHTYS INCISA	4	1	15	12	3	5	40	6
3	MEDIOMASTUS CALIFORNIENSIS			16	4	1	4	25	4
4	NEMERTINEA	3	2	4	3	8	1	21	6
5	LUMBRINERIS PARVAPEDATA	3		7	6		2	18	4
6	EUDORELLA MONODON	3	1	3	5	3	2	17	6
7	PARAONIS GRACILIS		1	6	8			15	3
8	AMPELISCA AGASSIZI		1	8	1			10	3
9	MAGELONA LONGICORNIS	1		5	1	1	1	9	5
10	COSSURA DELTA	2	1		3	3		9	4
11	NOTOMASTUS CF LATERICEUS	1		2	1	1		5	4
12	AMPELISCA ABDITA		2	1	1		1	5	4
13	MAGELONA ROSEA	1	1		1	1		4	4
14	NINOE NIGRIPES	1	1	1				3	3
15	AMPELISCA VERRILLI			2			1	3	2
16	ACLIS SPA	1	1					2	2
17	ARMANDIA MACULATA	2						2	1
18	SIGAMBRA TENTACULATA	1		1				2	2
19	ABRA AEQUALIS				2			2	1
20	CORBULA CARIBAEA		1					1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ARICIDEA WASSI						1	1	1
22	TRACHYPENAEUS SIMILIS		1					1	1
23	VOLVULELLA TEXASIANA				1			1	1
24	AUTOMATE EVERMANNI				1			1	1
25	PROCESSIDAE	1						1	1
26	POLYDORA LIGNI	1						1	1
27	NOTOMASTUS LATERICEUS						1	1	1
28	SYNCHELIDIUM CF AMERICANUM			1				1	1
29	CHAETOZONE GAYHEADIA				1			1	1
30	VITRINELLA FLORIDANA	1						1	1
31	SPIOPHANES BOMBYX			1				1	1
32	PARAONIDAE			1				1	1
33	DRILONEREIS MAGNA					1		1	1
34	MALACOCEROS VANDERHORSTI		1					1	1
35	SPIONIDAE						1	1	1
36	ARICIDEA JEFFREYSII			1				1	1
37	SPEOCARCINUS LONATUS		1					1	1
38	HYDROZOA		1					1	1
	NO. OF SPECIES	16	16	18	17	10	12		
	NO. OF INDIVIDUALS	28	25	91	75	31	29	279	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	II	38	279	3.9108	.8939	.6053

TABLE 3 CONT.'D

STATION 5 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	THYASIRA SP		12	3	8	1	13	37	5
2	PITAR CORDATUS		9	4	2	4	10	29	5
3	PARAONIS SPA		4	4	9	4	1	22	5
4	COSSURA DELTA	2	3	1	2	1	2	11	6
5	AMYGDALUM PAPYRIUM		5	1	1		2	9	4
6	PARAONIS GRACILIS		3	1	1	2		7	4
7	SCUTOPUS SPA		3		2		2	7	3
8	NEMERTINEA		1	2	2		1	6	4
9	ABRA AEQUALIS			3	2		1	6	3
10	NEPHTYS INCISA	1	3	1			1	6	4
11	PARAPRIONOSPIO PINNATA	2	1			1		4	3
12	MAGELONA LONGICORNIS	1	1		1	1		4	4
13	SIGAMBRA TENTACULATA	1	2		1			4	3
14	SIPUNCULA		1			1	1	3	3
15	SYNCHELIDIUM CF AMERICANUM			2			1	3	2
16	LUMBRINERIS TENUIS				2		1	3	2
17	DENTALIUM SOWERBYI				1		1	2	2
18	ARICIDEA WASSI	1			1			2	2
19	EXOGONE DISPAR		1	1				2	2
20	SPIOPHANES BOMBYX		2					2	1
21	CIRRATULID SPA					2		2	1
22	LUMBRINERIS PARVAPEDATA		1		1			2	2
23	STERNASPIS SCUTATA					1	1	2	2
24	GYPTIS VITTATA						2	2	1
25	OPHIUROIDEA					1	1	2	2
26	SPIOPHANES LONGICIRRUS	1		1				2	2
27	MEDIOMASTUS CALIFORNIENSIS				2			2	1
28	AMPELISCA VERRILLI				2			2	1
29	PARASTEROPE SPP						1	1	1
30	ERIOPISA SPB				1			1	1
31	ORBINIA AMERICANA				1			1	1
32	ALPHEUS FLORIDANUS		1					1	1
33	AMPHARETIDAE					1		1	1
34	ACLIS SPA					1		1	1
35	AEDICIRA BELGICAE		1					1	1
36	AMPELISCA SPA			1				1	1
37	RANINOIDES LOEVIS				1			1	1
38	HYDROZOA	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
39	SIGAMBRA BASSI				1			1	1
40	CUMACEAN SPF					1		1	1
41	GNATHIA SP				1			1	1
42	CHAETOZONE GAYHEADIA				1			1	1
43	CAULLERIELLA SPB				1			1	1
44	PHILINE SAGRA						1	1	1
45	OSTRACOD SPNN			1				1	1
46	SABELLIDAE			1				1	1
47	LUMBRINERIS ALBIDENTATA						1	1	1
48	POLYNOIDAE		1					1	1
49	PARAONIDAE			1				1	1
	NO. OF SPECIES	8	19	16	24	14	19		
	NO. OF INDIVIDUALS	10	55	28	47	22	44	206	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
5	II	49	206	4.5561	.9280	.7347

1

TABLE 3 CONT.'D

STATION 6 TRANSECT II PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	10		9	2	2	4	27	5
2	SIGAMBRA TENTACULATA		4	2	1	7	5	19	5
3	PARAONIS SPA		1	1		5	5	12	4
4	AMYGDALUM PAPYRIUM	1	1	2		1	4	9	5
5	PELECYPOD SPA		1	3	2	2		8	4
6	THARYX MARIONI				1	3	3	7	3
7	NEMERTINEA			2	1	1	2	6	4
8	PARAPRIONOSPIO PINNATA				1	4		5	2
9	ABRA AEQUALIS					1	4	5	2
10	PARALACYDONIA PARADOXA			2	2		1	5	3
11	OSTRACOD SPD				2	1	1	4	3
12	SCOLOPOS SPA				1	1	2	4	3
13	GLYCERA TESSELATA			2		2		4	2
14	THYASIRA SP		1			1	1	3	3
15	MEDIOMASTUS CALIFORNIENSIS		1	2				3	2
16	SOLEMYA SPA				1	2		3	2
17	SIPUNCULA	1		1			1	3	3
18	STERNASPIS SCUTATA			2		1		3	2
19	MALDANIDAE	1		1				2	2
20	AEDICIRA BELGICAE		1	1				2	2

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIONIDAE			2				2	1
22	THARYX SP	2						2	1
23	NOTOMASTUS CF LATERICEUS	1					1	2	2
24	PARAMPHINOME PULCHELLA			2				2	1
25	PARASTEROPE SPP			2				2	1
26	NEPHTYS INCISA	1				1		2	2
27	PARAONIDES LYRA			2				2	1
28	MACOMA TENTA			2				2	1
29	ARICIDEA WASSI						2	2	1
30	GNATHIA SP		1	1				2	2
31	AMPELISCA SPA					1		1	1
32	NATICA SP	1						1	1
33	SEGUENZIA MONOCINGULATA					1		1	1
34	POLYNOIDAE			1				1	1
35	TEREBELLIDES STROEMII			1				1	1
36	ARICIDEA JEFFREYSII					1		1	1
37	CIRROPHORUS LYRIFORMIS					1		1	1
38	SCLEROCONCHA SPA				1			1	1
39	EUCRATODES AGASSIZI	1						1	1
40	NINOE NIGRIPES					1		1	1
41	AUTOMATE EVERMANNI	1						1	1
42	VOLVULELLA RECTA					1		1	1
43	SPIOPHANES LONGICIRRUS		1					1	1
44	PARAONIS GRACILIS	1						1	1
45	CAPRELLID						1	1	1
46	CORBULA CF CONTRACTA			1				1	1
47	ALTERNOCHELATA SPA					1		1	1
48	CARIDEA			1				1	1
49	MINUSPIO LONGIBRANCHIATA			1				1	1
50	NOTOMASTUS LATERICEUS	1						1	1

TABLE 3 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NEREID(NICON) SPA	1						1	1
52	CHAETOZONE SETOSA						1	1	1
53	THARYX ANNULOSUS						1	1	1
54	HETEROPHOXUS CF OCULATUS			1				1	1
55	COSSURA DELTA			1				1	1
56	ALPHEUS CF AMBLYONYX			1				1	1
57	VENERIDAE				1			1	1
58	ERTOPISA SPB			1				1	1
59	SPIOPHANES SPA			1				1	1
	NO. OF SPECIES	13	9	29	12	23	17		
	NO. OF INDIVIDUALS	23	12	51	16	42	39	183	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
6	II	59	183	5.0847	.9542	.8814

TABLE 4

LIST OF MACROINFAUNAL SPECIES FROM
HOSPITAL ROCK AND SOUTHERN BANK STATIONS.
SPECIES ARE RANKED BY ABUNDANCE

Explanation of Table 4:

TRANSECT SB	Southern Bank
TRANSECT HR	Hospital Rock
RANK	Species ranked by total abundance in all six replicates
REPLICATE	Number of individuals in each replicate
TOTAL INDIVIDUALS	Total number of individuals in all six replicates
TOTAL OCCURRENCES	Number of replicates in which the species occurred
DIVERSITY	Shannon-Wiener diversity index
PIE	Hurlbert's Probability of Interspecific Encounter
EQUITABILITY	Lloyd and Ghelardi's measure oe evenness

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEPHTYS INCISA		2					2	1
22	NEREID(NICON) SPA	1					1	2	2
23	NOTOMASTUS LATERICEUS		1					1	1
24	PHOTID SPA				1			1	1
25	MAGELONA LONGICORNIS					1		1	1
26	LUMBRINERIS PARVAPEDATA	1						1	1
27	SPIONIDAE		1					1	1
28	SPIOCHAETOPTERUS COSTARUM	1						1	1
29	GLYCERA CAPITATA						1	1	1
30	DENTALIUM SOWERBYI					1		1	1
31	STERNASPIS SCUTATA					1		1	1
32	AMPELISCA AGASSIZI						1	1	1
33	LAONICE CIRRATA				1			1	1
34	PARAONIDES LYRA		1					1	1
35	LEIOLAMBRUS NITIDUS			1				1	1
36	OPHIUROIDEA		1					1	1
37	MESOCHAETOPTERUS TAYLORI						1	1	1
38	NATICA MAROCHIENSIS	1						1	1
39	MAGELONA ROSEA						1	1	1
40	CALLIANASSA CF MINIMA	1						1	1
41	POLYNOIDAE				1			1	1
42	CORBULA CONTRACTA	1						1	1
43	STENOPUS SCUTELLATUS				1			1	1

NO. OF SPECIES	15	17	6	16	15	9
NO. OF INDIVIDUALS	22	26	6	48	19	10

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STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	SB	43	131	4.8092	.9548	1.0000

TABLE 4 CONT.'D

STATION 2 TRANSECT SB PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	10	1	1	1	1	1	15	6
2	MAGELONA LONGICORNIS	3		3		1		7	3
3	COSSURA DELTA	1		3			1	5	3
4	NEMERTINEA		2			1	1	4	3
5	SIGAMBRA TENTACULATA		1	2				3	2
6	NEPHTYS INCISA	1			1	1		3	3
7	PARAONIS GRACILIS					2		2	1
8	AUTOMATE EVERMANNI		1			1		2	2
9	AMPELISCA AGASSIZI			2				2	1
10	VOLVULELLA PERSIMILIS				1			1	1
11	NISO INTERRUPTA				1			1	1
12	BYBLIS CF GAIMARDI	1						1	1
13	NOTOMASTUS HEMIPODUS			1				1	1
14	LUMBRINERIS TENUIS			1				1	1
15	ARICIDEA TAYLORI			1				1	1
16	HAPLOSCOLOPLOS FOLIOSUS			1				1	1
17	NEREIS SPB						1	1	1
18	SPIOPHANES LONGICIRRUS		1					1	1
19	MYROPSIS QUINQUESPINOSA						1	1	1
20	ASYCHIS ELONGATA					1		1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	VERTICORDIA FISCHERIANA		1					1	1
22	MINUSPIO CIRRIFERA					1		1	1
23	STERNASPIS SCUTATA						1	1	1
24	MEDIOMASTUS CALIFORNIENSIS					1		1	1
25	NEREID(NICON) SPA					1		1	1
	NO. OF SPECIES	5	6	9	4	10	6		
	NO. OF INDIVIDUALS	16	7	15	4	11	6	59	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	SB	25	59	3.9676	.9117	.9600

TABLE 4 CONT.'D

STATION 1 TRANSECT HR PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	20	51	14	88	55	3	231	6
2	SIPUNCULA	23	11	9	9	30	8	90	6
3	NEMERTINEA	4	30	5	12	12	11	74	6
4	PALEANOTUS HETEROSETA	5	14	1	17	21		58	5
5	LAONICE CIRRATA	13	5	6	15	2	15	56	6
6	SPIOPHANES LONGICIRRUS	4	3	2	19	4	15	47	6
7	SPIOCHAETOPTERUS COSTARUM	1	5	8	4	6		24	5
8	GLYCERA TESSELATA	2		3	8	1	7	21	5
9	OPHIUROIDEA	1	1	2	8	5		17	5
10	EUNICE RUBRA	1	3		7		1	12	4
11	MEDIOMASTUS CALIFORNIENSIS	4	1	1	2	4		12	5
12	THARYX MARIONI	1	2	3	2	1	2	11	6
13	MALDANIDAE	1		4		4	1	10	4
14	ANTHURID SPA	1	1	4		3		9	4
15	APSEUDES SPB		3	1		4		8	3
16	PRIONOSPIO STEENSTRUPI	1	4		2	1		8	4
17	CIRROPHORUS LYRIFORMIS		1	2	1	2	1	7	5
18	SYLLIS FERRUGINA				3	4		7	2
19	HETEROPHOXUS CF OCULATUS	1			1	1	3	6	4
20	PARAONIS GRACILIS					6		6	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SYLLIDAE	3				3		6	2
22	PARANDALIA OCULARIS	1	1	1	1	1		5	5
23	PARAPRIONOSPIO PINNATA		3			2		5	2
24	SCHISTOMERINGOS RUDOLPHI	2	1		1	1		5	4
25	SPIOPHANES WIGLEYI					5		5	1
26	LEPTOCHELIA SP		3	1				4	2
27	GONEPLACIDAE			1	1	1	1	4	4
28	TEREBELLIDES STROEMII			2		2		4	2
29	STHENELAIS BOA			3		1		4	2
30	HARMOTHOE IMBRICATA			3		1		4	2
31	HARMOTHOE TRIMACULATA			3		1		4	2
32	AEDICIRA BELGICAE				1		3	4	2
33	SYLLIS HYALINA				3			3	1
34	SABELLIDAE	1	1		1			3	3
35	PRIONOSPIO CRISTATA				1	1	1	3	3
36	AMPHARETE AMERICANA			1			2	3	2
37	EXOGONE CF GEMMIFERA				2	1		3	2
38	POLYNOIDAE				2		1	3	2
39	CLYMENELLA TORQUATA				3			3	1
40	AUTOMATE EVERMANNI		1	1		1		3	3
41	EXOGONE SPA					1	2	3	2
42	SPIONIDAE	1			1	1		3	3
43	CHLOEIA VIRIDIS	3						3	1
44	MINUSPIO CIRRIFERA			1	2			3	2
45	LOIMIA MEDUSA	1		2				3	2
46	NOTOMASTUS CF LATERICEUS					3		3	1
47	AGLAOPHAMUS CIRCINATA			1		1		2	2
48	SIGAMBRA TENTACULATA	1	1					2	2
49	MALACOCEROS INDICUS		1			1		2	2
50	LUMBRINERIS PARVAPEDATA		1			1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CAPITELLIDAE				2			2	1
52	PARAONIDES LYRA		1				1	2	2
53	RUTIDERMA SPA	1	1					2	2
54	GLYCERA CAPITATA		2					2	1
55	ANTHURID SPB	2						2	1
56	EXOGONE DISPAR					2		2	1
57	THYASIRA SP					2		2	1
58	APOPRIONOSPIO PYGMAEA			1		1		2	2
59	ONUPHIS SPA			2				2	1
60	NEREID(NICON) SPA			2				2	1
61	SCOLOPLOS RUBRA	1		1				2	2
62	NEREIS SPB			1				1	1
63	TEREBELLIDAE						1	1	1
64	ASYCHIS ELONGATA	1						1	1
65	CHAETODERMA SPA					1		1	1
66	SERPULIDAE		1					1	1
67	EUNICE CARIBOEA					1		1	1
68	GONIADIDAE	1						1	1
69	MEIODORVILLEA SPA		1					1	1
70	SIGALIONIDAE		1					1	1
71	GONIADIDES CAROLINAE	1						1	1
72	DENTALIUM SOWERBYI					1		1	1
73	POECILOCHAETUS JOHNSONI				1			1	1
74	ODONTOSYLLIS CF LONGISETA				1			1	1
75	NEPHTYS INCISA					1		1	1
76	PYLOPAGURUS HOLTHUSI	1						1	1
77	GYPTIS VITTATA				1			1	1
78	LYGDAMIS CF MURATA						1	1	1
79	CALLIANASSA SP					1		1	1
80	PROCESSA HEMPHILLI					1		1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	AMPELISCA ABDITA				1			1	1
82	NEMATONEREIS UNICORNIS					1		1	1
83	HARMOTHOE SP					1		1	1
84	SAMYTHELLA CF ELIASONI				1			1	1
85	CHONE CF MAGNA					1		1	1
86	PHYLLODOCIDAE					1		1	1
87	SARSIELLA SPB				1			1	1
88	AMPHARETIDAE					1		1	1
89	SPIOPHANES KROYERI					1		1	1
90	PODOCEROPSIS SP				1			1	1
91	ONUPHIDAE				1			1	1
92	PHOTIS MACROMANUS		1					1	1
93	ARICIDEA TAYLORI						1	1	1
94	GONIADA TERES				1			1	1
95	SYLLIS SPC					1		1	1
96	CRASSINELLA LUNULATA					1		1	1
97	SCALIBREGMIDAE	1						1	1
98	MARPHYSA SPC					1		1	1
99	GNATHIA SP						1	1	1
100	OLIGOCHAETA	1						1	1
101	ISSA RAMOSA					1		1	1
102	AMPELISCA VERRILLI					1		1	1
103	LUMBRINERIS LATREILLI					1		1	1
104	NEPHTYIDAE						1	1	1
105	NOTOMASTUS LATERICEUS			1				1	1
106	ONUPHIS EREMITA						1	1	1
	NO. OF SPECIES	33	31	33	38	59	24		
	NO. OF INDIVIDUALS	106	156	93	228	218	84	885	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	HR	106	885	4.6288	.9010	.3585

TABLE 4 CONT.'D

STATION 2 TRANSECT HR PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAPRIONOSPIO PINNATA	3	2	2	1		1	9	5
2	COSSURA DELTA		4		1		2	7	3
3	MAGELONA LONGICORNIS	1		2	2	1		6	4
4	NEPHTYS INCISA		1	1			2	4	3
5	NEMERTINEA		2		1			3	2
6	ALPHEUS SP	1	1					2	2
7	AEDICIRA BELGICAE					1	1	2	2
8	SIGAMBRA TENTACULATA		1				1	2	2
9	MEDIOMASTUS CALIFORNIENSIS		2					2	1
10	PARALACYDONIA PARADOXA			1				1	1
11	ARICIDEA TAYLORI		1					1	1
12	AUTOMATE EVERMANNI				1			1	1
13	THARYX MARIONI	1						1	1
14	HARMOTHOE SP	1						1	1
15	LUMBRINERIS ALBIDENTATA		1					1	1
16	STHENELAIS LIMICOLA		1					1	1
17	PARAONIS GRACILIS		1					1	1
18	SABELLIDAE						1	1	1
19	RANINOIDES LAMARCKI			1				1	1
20	SOLENOCERA VIOSCAI				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	1	2	3	4	5	6	INDIVIDUALS	OCCURRENCES
21	STHENELAIS BOA				1			1	1
22	OPHIUROIDEA			1				1	1
23	HETEROPHOXUS CF OCULATUS				1			1	1
	NO. OF SPECIES	5	11	6	8	2	6		
	NO. OF INDIVIDUALS	7	17	8	9	2	8	51	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	HR	23	51	4.0233	.9333	1.0000

TABLE 4 CONT.'D

STATION 1 TRANSECT SB PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
1	GNATHIA SP	86		2				88	2
2	NEMERTINEA	1	2		3	6	3	15	5
3	COSSURA DELTA	1			3	1	2	7	4
4	SIPUNCULA		1			3	2	6	3
5	SPIOPHANES LONGICIRRUS	2			2		2	6	3
6	HETEROPHOXUS CF OCULATUS	1	1			2	1	5	4
7	STERNASPIS SCUTATA	1		1			2	4	3
8	GLYCERA CAPITATA		1	1		2		4	3
9	PARALACYDONIA PARADOXA					1	2	3	2
10	PITAR CORDATUS					3		3	1
11	MEDIOMASTUS CALIFORNIENSIS		2		1			3	2
12	PARAONIDES LYRA		3					3	1
13	MAGELONA LONGICORNIS			1		1	1	3	3
14	ALPHEUS AMBLYONYX			2	1			3	2
15	NEPHTYS INCISA	1		1				2	2
16	MALDANIDAE	1		1				2	2
17	CORBULA CONTRACTA	1			1			2	2
18	SPIOCHAETOPTERUS COSTARUM			1			1	2	2
19	PARAMPHINOME PULCHELLA				1		1	2	2
20	NINOE NIGRIPES				1		1	2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEREID(NICON) SPA		1					1	1
22	GONEPLACIDAE	1						1	1
23	TEREBELLIDES STROEMII					1		1	1
24	NOTOMASTUS LATERICEUS					1		1	1
25	AMPHARETE AMERICANA		1					1	1
26	PARAONIS GRACILIS		1					1	1
27	CHLOEIA VIRIDIS				1			1	1
28	NOTOMASTUS HEMIPODUS				1			1	1
29	SIGAMBRA TENTACULATA			1				1	1
30	ALPHEUS CF MALLEATOR		1					1	1
31	PARAPRIONOSPIO PINNATA						1	1	1
32	ARICIDEA TAYLORI		1					1	1
33	GONIADIDAE			1				1	1
34	PARAMETOPELLA TEXENSIS				1			1	1
35	CALOCARIS OXYPLEURA		1					1	1
36	PSEUDORHOMBILA QUADRIDENTATA				1			1	1
37	RISSOINA CANCELLATA				1			1	1
38	PARAONIS SPA			1				1	1
	NO. OF SPECIES	10	12	11	13	14	12		
	NO. OF INDIVIDUALS	96	16	13	18	21	19	183	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	S8	38	183	3.4458	.7580	.4211

TABLE 4 CONT.'D

STATION 4 TRANSECT SB PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA	1	1	3	2	4	1	12	6
2	NEMERTINEA	2	1			1	3	7	4
3	GNATHIA SP		1				5	6	2
4	SIPUNCULA		2		2		2	6	3
5	CORBULA CONTRACTA		4		1			5	2
6	APOPRIONOSPIO PYGMAEA		5					5	1
7	SIGAMBRA TENTACULATA			3		1	1	5	3
8	HETEROPHOXUS CF OCULATUS		3				1	4	2
9	SPIOCHAETOPTERUS COSTARUM		4					4	1
10	PARALACYDONIA PARADOXA		1		1		2	4	3
11	NEPHTYS INCISA						4	4	1
12	PARAONIS SPA		2		1	1		4	3
13	STERNASPIS SCUTATA		1	1		1		3	3
14	DENTALIUM SOWERBYI		2	1				3	2
15	AMPHARETE ACUTIFRONS				1	1		2	2
16	POLYNOIDAE				2			2	1
17	PITAR CORDATUS		1		1			2	2
18	SABELLIDAE					1	1	2	2
19	PARAMPHINOME PULCHELLA	1	1					2	2
20	DIOPATRA CUPREA	1					1	2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MINUSPIO CIRRIFERA			2				2	1
22	TEREBELLIDES STROEMII						2	2	1
23	OPHIUROIDEA						2	2	1
24	NEREIS SPA				1			1	1
25	SQUILLA CHYDAEA				1			1	1
26	MACOMA PULLEYI				1			1	1
27	MALDANIDAE					1		1	1
28	LUMBRINERIDAE						1	1	1
29	PRIONOSPIO SP			1				1	1
30	LUMBRINERIS PARVAPEDATA			1				1	1
31	AUTOMATE EVERMANNI			1				1	1
32	PARDALISCID SPA					1		1	1
33	MEDIOMASTUS CALIFORNIENSIS		1					1	1
34	HAPLOSCOLOPLOS FOLIOSUS						1	1	1
35	MYSIDOPSIS BIGELOWI						1	1	1
36	PHILOMEDES SPC		1					1	1
37	PLATYHELMINTHES	1						1	1
38	SERPULIDAE						1	1	1
39	POECILOCHAETUS JOHNSONI					1		1	1
40	SPIOPHANES LONGICIRRUS				1			1	1
41	PARAPRIONOSPIO PINNATA						1	1	1
42	ONUPHIDAE						1	1	1
43	ONUPHIS SP					1		1	1
44	ARMANDIA MACULATA					1		1	1
45	GLYCERA TESSELATA				1			1	1
46	PARAONIS GRACILIS				1			1	1
47	ALPHEUS CF AMBLYONYX		1					1	1
48	PECTINARIA GOULDII				1			1	1
49	MARPHYSA SPA				1			1	1
	NO. OF SPECIES	5	17	8	16	12	18		
	NO. OF INDIVIDUALS	6	32	13	19	15	31	116	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	SB	49	116	5.1766	.9712	1.0612

TABLE 4 CONT.'D

STATION 1 TRANSECT HR PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	22	72	56	51	64	74	339	6
2	NEMERTINEA	20	15	25	6	34	19	119	6
3	PALEANOTUS HETEROSETA	13	4	25	24	23	28	117	6
4	SIPUNCULA	7	18	17	20	17	12	91	6
5	PITAR CORDATUS		21	5	7	3	31	67	5
6	SPIOCHAETOPTERUS COSTARUM	5	9	17		13	13	57	5
7	OPHIUROIDEA	4	1	15	2	6	15	43	6
8	SPIOPHANES LONGICIRRUS	7	5	16		9		37	4
9	GLYCERA TESSELATA	7		4	9	3	5	28	5
10	LAONICE CIRRATA	13	5	3		3		24	4
11	SYLLIS FERRUGINA	3	4	4	8	3	1	23	6
12	HETEROPHOXUS CF OCULATUS	7	2		4		8	21	4
13	APSEUDES SPB		1		5	10	3	19	4
14	EXOGONE DISPAR	5		3		6		14	3
15	MINUSPIO CIRRIFERA			2	12			14	2
16	EXOGONE SPA	2	2	4		5		13	4
17	PARANDALIA OCULARIS	2	1	2	2	2	3	12	6
18	MALDANIDAE	1	5	4	1	1		12	5
19	AMAEANA ACCRAENSIS	1				1	10	12	3
20	THYASIRA SP			3	1	2	5	11	4

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SCHISTOMERINGOS RUDOLPHI	1	3	1		1	5	11	5
22	SPHAEROSYLLIS CF FORTUITA	3				6		9	2
23	NEREID(NICON) SPA			3	3		3	9	3
24	MEDIOMASTUS CALIFORNIENSIS		1	1	5	1		8	4
25	PARAONIDES LYRA		6	2				8	2
26	SPIOPHANES WIGLEYI	5				3		8	2
27	AMPHARETE AMERICANA		1	3			4	8	3
28	LEPTON SPA				6		1	7	2
29	AMPELISCA ABDITA					3	3	6	2
30	PARAMPHINOME PULCHELLA	2	2			2		6	3
31	AMPELISCA CF CRISTATA	5		1				6	2
32	SABELLIDAE			1	4	1		6	3
33	NOTOMASTUS LATERICEUS				1	1	4	6	3
34	AGLAOPHAMUS CIRCINATA	2		2		1		5	3
35	CRASSINELLA MARTINICENSIS		1		1	1	2	5	4
36	AMPHARETIDAE	1				3	1	5	3
37	GNATHIA SP	4			1			5	2
38	LEPTOCHELIA SP					1	3	4	2
39	NUCULANA ACUTA		1		1	1	1	4	4
40	NEPHTYS INCISA		1		1		2	4	3
41	CHONE SPA	3				1		4	2
42	LEPADOMORPHA		4					4	1
43	LOIMIA MEDUSA	4						4	1
44	COSSURA DELTA	1			1	2		4	3
45	ONUPHIS SP	1			3			4	2
46	ONUPHIDAE	1	1	1			1	4	4
47	PARAONIS GRACILIS				2		2	4	2
48	THARYX MARIONI		1	3				4	2
49	POLYNOIDAE					1	3	4	2
50	TEREBELLIDES STROEMII	1				2		3	2

TABLE A CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NEREIDAE					3		3	1
52	GONIADA TERES		1	1	1			3	3
53	PRIONOSPIO HETEROBRANCHIA						3	3	1
54	ECHINOIDEA						3	3	1
55	GYPTIS VITTATA				1		2	3	2
56	ANTHURID SPB			1	1		1	3	3
57	AUTOMATE EVERMANNI			1		2		3	2
58	SERPULA VERMICULARIS	1		2				3	2
59	PODOCEROPSIS SP			2	1			3	2
60	OLIGOCHAETA			2		1		3	2
61	APSEUDES SPA			3				3	1
62	SYLLIDAE	1		2				3	2
63	NEREIS FALSA			3				3	1
64	PHYLLODOCE MUCOSA				1	2		3	2
65	BRACHIOPOD SPA	1		1	1			3	3
66	CIRRATULIDAE		1			1		2	2
67	STHENELAIS BOA		1	1				2	2
68	HARMOTHOE IMBRICATA		1	1				2	2
69	ASYCHIS ELONGATA					2		2	1
70	LISTRIELLA CLYMENELLAE	1			1			2	2
71	SPIONIDAE	2						2	1
72	EXOGONE CLAVATOR		2					2	1
73	GONEPLACIDAE						2	2	1
74	NOTOMASTUS CF AMERICANUS		2					2	1
75	PYCNOGONIDA					1	1	2	2
76	AMPHARETE SP		2					2	1
77	LUMBRINERIS PARVAPEDATA		2					2	1
78	HAMINOEA SUCCINEA						2	2	1
79	PRIONOSPIO SP	1	1					2	2
80	POECILOCHAETUS JOHNSONI	1				1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	MALACOCEROS INDICUS			1		1		2	2
82	TELLINA VERSICOLOR						2	2	1
83	CALYPTRAEA CENTRALIS			1	1			2	2
84	MEIODORVILLEA SPA	1				1		2	2
85	NOTOMASTUS CF LATERICEUS	2						2	1
86	PISTA BREVIBRANCHIA		2					2	1
87	PARAONIS SPA			2				2	1
88	HARMOTHOE TRIMACULATA			2				2	1
89	ODONTOSYLLIS CF LONGISETA			2				2	1
90	ARICIDEA TAYLORI				1		1	2	2
91	EUNICE RUBRA					2		2	1
92	AMPHARETE ACUTIFRONS		1			1		2	2
93	CAULLERIELLA SPA					1		1	1
94	POLYCOPE SPA					1		1	1
95	AMYGDALUM PAPYRIUM		1					1	1
96	SYLLIS GRACILIS	1						1	1
97	COROPHIOID SPA						1	1	1
98	GLYCERA CAPITATA		1					1	1
99	PROCESSA HEMPHILLI	1						1	1
100	COROPHIUM ASCHERUSICUM	1						1	1
101	SYLLIS PROLIFERA					1		1	1
102	SCLEROCONCHA SPA						1	1	1
103	PROCESSA SP			1				1	1
104	SCYPHA SP						1	1	1
105	ARICIDEA JEFFREYSII			1				1	1
106	EBALIA STIMPSONI						1	1	1
107	AMPELISCA AGASSIZI			1				1	1
108	MARPHYSA SPB		1					1	1
109	CYPRIS SP						1	1	1
110	EUNICIDAE	1						1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	PHORONIDA	1						1	1
112	ONUPHIS NEBULOSA						1	1	1
113	SPIOPHANES BOMBYX	1						1	1
114	DRILONEREIS MAGNA	1						1	1
115	MACOMA PULLEYI						1	1	1
116	SOLENOCERA ATLANTIDIS	1						1	1
117	CABIRA INCERTA						1	1	1
118	SYLLIS HYALINA			1				1	1
119	FILOGRANA IMPLEXA			1				1	1
120	PSEUDEURYTHOE AMBIGUA	1						1	1
121	SYLLIS SPB						1	1	1
122	CAPITELLIDAE	1						1	1
123	XIPHICHILUS SPA						1	1	1
124	LUMBRINERIS ALBIDENTATA					1		1	1
125	PRIONOSPIO STEENSTRUPI	1						1	1
126	EUNICE VITTATA		1					1	1
127	SIGAMBRA TENTACULATA					1		1	1
128	CIRROPHORUS BRANCHIATUS			1				1	1
129	EPITONIUM MULTISTRIATUM			1				1	1
130	GONEPLAX SP			1				1	1
131	ONUPHIS EREMITA		1					1	1
132	NEMATONEREIS UNICORNIS		1					1	1
133	LYSIDICE NINETTA	1						1	1
134	ARICIDEA WASSI						1	1	1
135	CORBULA CYMELLA					1		1	1
136	CHAETOZONE SETOSA			1				1	1
137	RUTIDERMA SPA		1					1	1
138	CAPITELLA CAPITATA			1				1	1
139	MUNIDA SP			1				1	1
140	SYLLIS SPA			1				1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	ANTHURID SPA			1				1	1
142	CORBULA CONTRACTA						1	1	1
143	BRANIA CLAVATOR			1				1	1
144	ALPHEUS FLORIDANUS				1			1	1
145	SYLLIS SPC		1					1	1
146	CIRROPHORUS LYRIFORMIS					1		1	1
147	EUSYLLIS BLOMSTRANDIS	1						1	1
148	TELOTHELEPUS CAPENSIS	1						1	1
149	POLYDORA CF CONCHARUM			1				1	1
150	ARABELLA IRICOLOR					1		1	1
151	FINELLA DUBIA						1	1	1
152	GLYCERA AMERICANA				1			1	1
153	DIOPATRA CUPREA					1		1	1
154	ERYCINA SP				1			1	1
155	GLYCINDE NORDMANNI	1						1	1
	NO. OF SPECIES	54	45	59	38	56	50		
	NO. OF INDIVIDUALS	179	211	266	193	263	292	1404	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	HR	155	1404	5.0255	.9158	.3226

TABLE 4 CONT.'D

STATION 2 TRANSECT HR PERIOD MARCH 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	NEMERTINEA	3	4		2		5	14	4
2	MAGELONA LONGICORNIS	1	8		2			11	3
3	COSSURA DELTA	2	6		1			9	3
4	PARAONIS SPA	1	6					7	2
5	PARAPRIONUSPIO PINNATA		6		1			7	2
6	PARAMPHINOME PULCHELLA						6	6	1
7	PITAR CORDATUS			2	2	1		5	3
8	PARALACYDONIA PARADOXA		4					4	1
9	AEDICIRA BELGICAF		2		1			3	2
10	MINUSPIO CIRRIFERA	1	2					3	2
11	NEPHTYS INCISA		2			1		3	2
12	CHAETODERMA SPA		2					2	1
13	AUTOMATE EVERMANNI	1		1				2	2
14	SIGAMBRA TENTACULATA	1					1	2	2
15	CORBULA CONTRACTA			2				2	1
16	MEDIOMASTUS CALIFORNIENSIS		2					2	1
17	PARAONIDES LYRA		2					2	1
18	NOTOMASTUS CF LATERICEUS		2					2	1
19	NEREID(NICON) SPA	1						1	1
20	ALPHEUS AMBLYONYX						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	VOLVULELLA TEXASIANA	1						1	1
22	NATICA MAROCHIENSIS			1				1	1
23	SPEOCARCINUS LOBATUS	1						1	1
24	SPIOPHANES LONGICIRRUS					1		1	1
25	SPIOCHAETOPTERUS COSTARUM			1				1	1
26	SCOLELEPIS TEXANA					1		1	1
27	PARAONIS GRACILIS						1	1	1
28	RANINOIDES LAMARCKI			1				1	1
29	PHYLLODOCE MUCOSA						1	1	1
	NO. OF SPECIES	10	13	6	6	4	6		
	NO. OF INDIVIDUALS	13	48	8	9	4	15	97	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	HR	29	97	4.3125	.9018	1.0000

TABLE 4 CONT.'D

STATION 2 TRANSECT SB PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS			11	1	2	5	19	4
2	COSSURA DELTA	2		2	1	1	1	7	5
3	NEMERTINEA	1			3	1	1	6	4
4	SIGAMBRA TENTACULATA	2	1	1			1	5	4
5	PARALACYDONIA PARADOXA		1	2				3	2
6	PARAPRIONOSPIO PINNATA		1				2	3	2
7	PARAONIS SPA			1	1	1		3	3
8	MAGELONA LONGICORNIS			1	1			2	2
9	NEPHTYS INCISA			1		1		2	2
10	STERNASPIS SCUTATA	1					1	2	2
11	CIRRATULID SPA			2				2	1
12	AMPELISCA SPA		1		1			2	2
13	SIPUNCULA					2		2	1
14	POECILOCHAETUS JOHNSONI	1				1		2	2
15	NINOE NIGRIPES						1	1	1
16	LUMBRINERIS PARVAPEDATA			1				1	1
17	THARYX MARIONI					1		1	1
18	SABELLIDAE					1		1	1
19	AMPHARETE AMERICANA			1				1	1
20	PRIONOSPIO HETEROBRANCHIA			1				1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	BYBLIS CF GAIMARDI			1				1	1
22	NATICIDAE					1		1	1
23	ARICIDEA SP			1				1	1
24	RINGICULA SEMISTRIATA					1		1	1
25	AMPELISCA VERRILLI			1				1	1
26	HETEROSPIO LONGISSIMA						1	1	1
27	PROCESSA HEMPHILLI				1			1	1
28	ARICIDEA SUECICA						1	1	1
29	CIRROPHORUS LYRIFORMIS				1			1	1
	NO. OF SPECIES	5	4	14	8	11	9		
	NO. OF INDIVIDUALS	7	4	27	10	13	14	75	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	SB	29	75	4.1591	.9160	.9310

TABLE 4 CONT.'D

STATION 3 TRANSECT HR PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	1	7	103		34	98	243	5
2	NEMERTINEA	7	7	11	1	48	8	82	6
3	LAONICE CIRRATA	14	9	9	5	11	9	57	6
4	PALEANOTUS HETEROSETA	3	7	22		8	11	51	5
5	SIPUNCULA	11	8	17		1	9	46	5
6	BRANIA FURCELLIGERA			13		4	10	27	3
7	PITAR CORDATUS	1	9	5			8	23	4
8	OPHIUROIDEA	2	4	3	2	2	7	20	6
9	SPHAEROSYLLIS CF FORTUITA	3		12		4		19	3
10	MAGELONA LONGICORNIS		3	1		11	2	17	4
11	EXOGONE SPA	2		5		3	5	15	4
12	SARSIELLA SPB		1	2		7	3	13	4
13	SYLLIS FERRUGINA			7	1	2	2	12	4
14	LOIMIA MEDUSA			2	2	6		10	3
15	NEPHTYS INCISA	1	2	2	1	2	2	10	6
16	APSEUDES SPB			5		1	3	9	3
17	PARAMPHINOME PULCHELLA	1		2		3	2	8	4
18	MAGELONA PHYLLISAE			4	3		1	8	3
19	GLYCERA CAPITATA	4			1	2	1	8	4
20	THARYX MARIONI		2	4	1		1	8	4

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	RISSOINA CANCELLATA		7					7	1
22	MALDANIDAE	3	1	2			1	7	4
23	GLYCERA TESSELATA		1	3	1	1		6	4
24	MEDIOMASTUS CALIFORNIENSIS		2	1		3		6	3
25	PARAONIS GRACILIS			2		1	3	6	3
26	SPIOCHAETOPTERUS COSTARUM			4			1	5	2
27	PHOTIS MACROMANUS			5				5	1
28	PARAONIS SPA		2		1		2	5	3
29	AMPHARETIDAE	3		1				4	2
30	SABELLIDAE				2		2	4	2
31	HETEROPHOXUS CF OCULATUS			1		1	2	4	3
32	NEREID(NICON) SPA			1	1	1	1	4	4
33	MINUSPIO CIRRIFERA		1	1	2			4	3
34	GLYCINDE NORDMANNI			2			1	3	2
35	SPIONIDAE			2		1		3	2
36	ANTHURID SPB			2			1	3	2
37	ONUPHIS SP			2	1			3	2
38	FABRICIA SPA			3				3	1
39	STHENELAIS BOA				1	1	1	3	3
40	ONUPHIS SPA	1	1				1	3	3
41	ONUPHIS EREMITA					2	1	3	2
42	PARAPRIONOSPIO PINNATA	1		1		1		3	3
43	SPIOPHANES LONGICIRRUS	1		1	1			3	3
44	MAGELONA PETTIBONEAE			2	1			3	2
45	NATICA SP	1	1	1				3	3
46	PHYLLODOCE MUCOSA			1	1	1		3	3
47	SARSIELLA CF OZOTHRIX			1		2		3	2
48	AGLAOPHAMUS INERMIS			2				2	1
49	PRIONOSPIO STEENSTRUPI			2				2	1
50	PARAONIDAE			2				2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	STERNASPIS SCUTATA				1	1		2	2
52	ERYCINA SP		1	1				2	2
53	DIOPATRA CUPREA			1		1		2	2
54	NEREIDAE			1		1		2	2
55	SYLLIS SPC		1			1		2	2
56	SIGALIONIDAE			1	1			2	2
57	CRASSINELLA MARTINICENSIS		1				1	2	2
58	RUTIDERMA SPA						2	2	1
59	NOTOMASTUS CF AMERICANUS	2						2	1
60	PARALACYDONIA PARADOXA			1		1		2	2
61	SIGAMBRA TENTACULATA				1	1		2	2
62	CALOCARIS OXYPLEURA					2		2	1
63	CIRRATULIDAE					2		2	1
64	ACTINARIA	1						1	1
65	PANOPLDEA SP		1					1	1
66	NOTOMASTUS SP				1			1	1
67	SABELLARIA FLORIDENSIS	1						1	1
68	CHAETOPTERIDAE		1					1	1
69	SARSIELLID NSPB			1				1	1
70	ARICIDEA CF FRAGILIS			1				1	1
71	ALPHEUS CF AMBLYONYX	1						1	1
72	CALYPTRAEA CENTRALIS						1	1	1
73	LUMBRINERIS TENUIS				1			1	1
74	NEREIS SPA				1			1	1
75	AMPELISCA CF CRISTATA					1		1	1
76	PARANDALIA OCULARIS			1				1	1
77	MEIODORVILLEA SPA					1		1	1
78	TEREBELLIDAE			1				1	1
79	NOTOMASTUS LATERICEUS			1				1	1
80	SCHISTOMERINGOS RUDOLPHI	1						1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
81	POLYNOIDAE					1		1	1
82	ONUPHIS SPD		1					1	1
83	THYASIRA SP			1				1	1
84	POECILOCHAETUS JOHNSONI						1	1	1
85	CAPRELLID						1	1	1
86	ALPHEUS AMBLYONYX						1	1	1
87	PHOTID SPA		1					1	1
88	ALPHEUS SP					1		1	1
89	AMPELISCA ABDITA			1				1	1
90	MARPHYSA SPB		1					1	1
91	MINUSPIO LONGIBRANCHIATA			1				1	1
92	OLIGOCHAETA			1				1	1
93	THARYX FILIBRANCHIA					1		1	1
94	NEMATONEREIS SPA					1		1	1
95	AEDICIRA BELGICAE						1	1	1
96	PECTINARIA GOULDII						1	1	1
97	ASYCHIS ELONGATA		1					1	1
98	CIRRATULID SPA					1		1	1
99	MALACOCEROS SP				1			1	1
100	PARANDALIA FAUVELI				1			1	1
101	DIASTYLIS SP			1				1	1
102	DENTALIUM SOWERBYI		1					1	1
103	SAMYTHELLA ELIASONI					1		1	1
104	EXOGONE DISPAR			1				1	1
105	EUPANTHALIS KINBERGI	1						1	1
106	ABRA AEQUALIS	1						1	1
107	GONIADA TERES			1				1	1
108	EUNICE CARIBOEA						1	1	1
109	AGLAOPHAMUS CIRCINATA						1	1	1
110	PYRUNCULUS CAELATUS						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	GNATHIA SP			1				1	1
112	COSSURA DELTA					1		1	1
113	NOTOMASTUS CF LATERICEUS			1				1	1
114	OSTRACOD SPD		1					1	1
115	POMATOCEROS AMERICANUS		1					1	1
116	PAGURIDAE	1						1	1
117	AEDICIRA SP			1				1	1
118	AGLAOPHAMUS SP					1		1	1
119	STHENELAIS LIMICOLA					1		1	1
120	AUTOMATE EVERMANNI				1			1	1
121	LUMBRINERIS PARVAPEDATA				1			1	1
122	SYLLID SPB					1		1	1
123	MACOMA PULLEYI				1			1	1
124	MICROCARDIUM CF TRANSVERSUM				1			1	1
125	CUMACEAN SPD		1					1	1
126	CORBULA CONTRACTA						1	1	1
	NO. OF SPECIES	26	32	63	31	48	42		
	NO. OF INDIVIDUALS	69	88	294	41	186	212	890	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	HR	126	890	4.8710	.9029	.3571

TABLE 4 CONT.'D

STATION 4 TRANSECT HR PERIOD APRIL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	RISSOINA CANCELLATA				4	9	3	16	3
2	MAGELONA LONGICORNIS	3		1	4	4		12	4
3	GNATHIA SP	4			1			5	2
4	NEMERTINEA		1	1	2	1		5	4
5	PITAR CORDATUS	1			2	1		4	3
6	SPIOCHAETOPTERUS COSTARUM		1				2	3	2
7	OPHIUROIDEA	1	1					2	2
8	PARAMPHINOME PULCHELLA		1	1				2	2
9	GLYCERA CAPITATA					2		2	1
10	NEREIS SP		2					2	1
11	GLYCERA TESSELATA	1		1				2	2
12	SIPUNCULA			1	1			2	2
13	METAPHOXUS CF FREQUENS				1	1		2	2
14	ARMANDIA MACULATA				1		1	2	2
15	COSSURA DELTA				1		1	2	2
16	POLYNOIDAE	1		1				2	2
17	NEPHTYS INCISA				1		1	2	2
18	PARAONIS GRACILIS				1			1	1
19	THARYX MARIONI	1						1	1
20	STHENELAIS SP						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ALPHEUS AMBLYONYX						1	1	1
22	THYASIRA SP				1			1	1
23	SIGAMBRA TENTACULATA					1		1	1
24	PASIPHAEIDAE	1						1	1
25	HETEROPHOXUS CF OCULATUS		1					1	1
26	ALPHEUS CF AMBLYONYX	1						1	1
27	NEREID(NICON) SPA		1					1	1
28	MINUSPIO CIRRIFERA					1		1	1
29	PHOTID SPA		1					1	1
30	YOLDIA SOLENOIDES				1			1	1
31	HARMOTHOE IMBRICATA				1			1	1
32	ANADARA TRANSVERSA		1					1	1
33	COROPHIUM ASCHERUSICUM				1			1	1
34	STHENELAIS BOA				1			1	1
	NO. OF SPECIES	9	9	6	16	8	7		
	NO. OF INDIVIDUALS	14	10	6	24	20	10	84	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	HR	34	84	4.4354	.9352	.9706

TABLE 4 CONT.'D

STATION 3 TRANSECT SB PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	17	11	60	24	11	13	136	6
2	PALEANOTUS HETEROSETA	20	20	25	20	16	31	132	6
3	PARAMPHINOME PULCHELLA	27	7	9	24	9	23	99	6
4	LAONICE CIRRATA	8	6	18	10	6	20	68	6
5	SIPUNCULA	14	13	16	4	8	9	64	6
6	NEMERTINEA	7	11	7	10	22	1	58	6
7	APSEUDES SPB	4	14	24	4	7	5	58	6
8	OPHIUROIDEA	4	17	10	1	4	6	42	6
9	SPIOPHANES WIGLEYI	13	4	8		16		41	4
10	MEDIOMASTUS CALIFORNIENSIS	10	6		7	5	5	33	5
11	HETEROPHOXUS CF OCULATUS	4	2	5	9	6	6	32	6
12	SPIONIDAE	5	2	8	8	3	4	30	6
13	PARAONIS GRACILIS	1	2	9	8	8		28	5
14	SPIOPHANES LONGICIRRUS	2		5	3	1	17	28	5
15	BRANIA FURCELLIGERA	3	2	4	6	5	2	22	6
16	OLIGOCHAETA		5		2	11	3	21	4
17	THYASIRA SP	8	1	4	3		4	20	5
18	NEMATODA			18				18	1
19	MALDANIDAE	2	4	6	2	1	1	16	6
20	ANTHURID SPA		1	6	4	2	2	15	5

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PITAR CORDATUS	4	8		3			15	3
22	RUTIDERMA SPA	1		1	2	4	6	14	5
23	GLYCERA TESSELATA	2	3		2		6	13	4
24	SYLLIS FERRUGINA	1		6	2	3	1	13	5
25	LOIMIA MEDUSA	5	3			4		12	3
26	SYLLIS SPA		1	4	3	2	1	11	5
27	GONIADIDES CAROLINAE			5			5	10	2
28	ANTHURID SPB		3	2			5	10	3
29	PRIONOSPIO STEENSTRUPI	6			1		2	9	3
30	SABELLIDAE	3	2	2	1	1		9	5
31	SPIOCHAETOPTERUS COSTARUM	1		5	2	1		9	4
32	PHOTIS SP				2		6	8	2
33	MINUSPIO CIRRIFERA	2				6		8	2
34	OWENIA FUSIFORMIS		5	1		2		8	3
35	ABRA AEQUALIS	2		2	1		2	7	4
36	ERYCINA SP	4	3					7	2
37	AMPHARETIDAE	1		2		2	1	6	4
38	LEPTOCHELIA SP				5	1		6	2
39	COROPHIUM ASCHERUSICUM		1			5		6	2
40	PARAONIDES LYRA		1	1	1		3	6	4
41	SCLEROCONCHA SPA		3	3				6	2
42	SARSIELLA SPB	3		2	1			6	3
43	NOTOMASTUS CF LATERICEUS			1	3	2		6	3
44	EXOGONE DISPAR	1	1			3	1	6	4
45	MAGELONA SPA	5						5	1
46	PARANDALIA OCULARIS	1	2	1			1	5	4
47	GOULDIA CERINA				2	3		5	2
48	PRIONOSYLLIS MALMGRENI				4	1		5	2
49	GLYCINDE NORDMANNI					4	1	5	2
50	NOTOMASTUS CF AMERICANUS					5		5	1

TABLE 4 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	AMAEANA TRILOBATA		1		2		2	5	3
52	EXOGONE SPA			1	1	1	1	4	4
53	SPHAEROSYLLIS CF FORTUITA			2		1	1	4	3
54	AMYGDALUM PAPYRIUM	1		2			1	4	3
55	PLATYHELMINTHES			2	1		1	4	3
56	LISTRIELLA BARNARDI	1	1	2				4	3
57	GONEPLACIDAE	2		1	1			4	3
58	HARMOTHOE TRIMACULATA		1	3				4	2
59	AMPELISCA ABDITA		1	1	2			4	3
60	NATICA SP	1	1	2				4	3
61	NOTOMASTUS HEMIPODUS	4						4	1
62	AMPELISCA VERRILLI				3			3	1
63	HYDROZOA				1	2		3	2
64	OSTRACOD SPD	1		1			1	3	3
65	CORBULA CF CONTRACTA		1		1		1	3	3
66	AUTOMATE EVERMANNI		1			1	1	3	3
67	CALLIANASSA CF MARGINATA				3			3	1
68	EBALIA STIMPSONI		1		1	1		3	3
69	GLYCERA SPA		1			2		3	2
70	DENTALIUM TEXASIANUM	2					1	3	2
71	AMPELISCA CF CRISTATA		1	1	1			3	3
72	PHYLLODOCE MUCOSA	2	1					3	2
73	PYRUNCULUS CAELATUS						3	3	1
74	ONUPHIS PERUANA	2				1		3	2
75	PHILINE SAGRA		1				2	3	2
76	VOLVULELLA RECTA	1				2		3	2
77	ECHIURIDEA				3			3	1
78	SYLLIDAE			1			2	3	2
79	OSTRACOD SPGG				3			3	1
80	POECILOCHAETUS JOHNSONI	2	1					3	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	STHENELAIS BOA			1			2	3	2
82	NEREIDAE			1			2	3	2
83	MALACOCEROS SP			2				2	1
84	ONUPHIDAE	1		1				2	2
85	MEIODORVILLEA SPA			1			1	2	2
86	TEREBELLIDAE	1		1				2	2
87	OPHIOGLYCERA GIGANTEA			2				2	1
88	LYSIANASSID SPH			2				2	1
89	CAPITELLIDAE	1		1				2	2
90	THARYX MARIONI	2						2	1
91	GONIADA TERES	1					1	2	2
92	PROCESSIDAE				1	1		2	2
93	CERATOCEPHALE LOVENI	2						2	1
94	EXOGONE GEMMIFERA	2						2	1
95	ONUPHIS SPI		1			1		2	2
96	CRASSINELLA MARTINICENSIS		1		1			2	2
97	ARBACIOIDA					2		2	1
98	PHILOMEDES SPE	1		1				2	2
99	ONUPHIS PALLIDULA	2						2	1
100	CADULUS CAROLINENSIS		1	1				2	2
101	GLYCERA PAPILLOSA	2						2	1
102	COSSURA DELTA	2						2	1
103	PARAPRIONOSPIO PINNATA	2						2	1
104	GYPTIS VITTATA		1	1				2	2
105	CUMACEAN SPH		2					2	1
106	SYLLIS CF ANOPS	1		1				2	2
107	ONUPHIS SPA	1		1				2	2
108	POLYCHAETE SPA	2						2	1
109	CUMACEAN SPD	2						2	1
110	ANTENNELLA GRACILIS				1	1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	PAGURINAE				2			2	1
112	BRACHIOPOD SPA			1			1	2	2
113	CAECUM GLABRUM			1			1	2	2
114	PODOCEROPSIS SP			1		1		2	2
115	CERIANTHARIA SPA		2					2	1
116	FILOGRANA IMPLEXA			1		1		2	2
117	PHOTIS MACROMANUS				2			2	1
118	LYSIDICE NINETTA			1				1	1
119	SYLLIS HYALINA					1		1	1
120	DIOPATRA CUPREA	1						1	1
121	PISTA CRISTATA					1		1	1
122	SCOLOPLOS RUBRA	1						1	1
123	MINUSPIO LONGIBRANCHIATA					1		1	1
124	MALACOCEROS INDICUS	1						1	1
125	NEREID(NICON) SPA	1						1	1
126	PRIONOSPIO CRISTATA				1			1	1
127	SIGALIONIDAE	1						1	1
128	HAMINOEA SUCCINEA			1				1	1
129	MARPHYSA SANGUINEA						1	1	1
130	SERPULA VERMICULARIS						1	1	1
131	POLYNOIDAE						1	1	1
132	NOTOMASTUS LATERICEUS		1					1	1
133	ARICIDEA JEFFREYSII					1		1	1
134	MICROCARDIUM PERMABILE				1			1	1
135	NEPHTYIDAE				1			1	1
136	PHYLLODOCIDAE			1				1	1
137	REPTANTIA				1			1	1
138	HYPSICOMUS SP			1				1	1
139	CHLOEIA VIRIDIS			1				1	1
140	PARAONIDAE	1						1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	DORVILLEIDAE				1			1	1
142	NUDIBRANCH SPC			1				1	1
143	NUCULANA ACUTA	1						1	1
144	HARMOTHOE IMBRICATA	1						1	1
145	PARVITURBOIDES INTERRUPTUS		1					1	1
146	SCUTOPUS SPA	1						1	1
147	EUNICE VITTATA			1				1	1
148	ARCA ZEBRA						1	1	1
149	ACROCIRRID SP			1				1	1
150	CHONE CF AMERICANA	1						1	1
151	EURYSYLLIS SPA					1		1	1
152	PHYLLOCHAETOPTERUS SP		1					1	1
153	CAPRELLID					1		1	1
154	AGLAOPHAMUS CIRCINATA	1						1	1
155	PHOLOE SPA				1			1	1
156	CHAETOPTERIDAE			1				1	1
157	SCOLELEPIS SP			1				1	1
158	OSTRACOD SPAA	1						1	1
159	SIGAMBRA TENTACULATA	1						1	1
160	ACTINARIA SPB					1		1	1
161	EPITONIIDAE				1			1	1
162	SERTULARIA SPA			1				1	1
163	ARABELLA MUTANS	1						1	1
164	AUTOLYTUS SPA	1						1	1
165	EUNICID SPA			1				1	1
166	MEGALOMMA CF LOBIFERUM			1				1	1
167	ISCHNOCHITON PAPILLOSUS					1		1	1
168	SCHISTOMERINGOS RUDOLPHI				1			1	1
169	CALYPTRAEA CENTRALIS					1		1	1
170	CAECUM PULCHELLUM		1					1	1

TABLE 4 CONT'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
171	GLYCERA CAPITATA		1					1	1
172	EUNICE RUBRA		1					1	1
173	GLYCERA AMERICANA					1		1	1
174	SCOLELEPIS TEXANA		1					1	1
175	OBELIA SPA		1					1	1
176	BARBATIA CANDIDA					1		1	1
177	GNATHIA SP						1	1	1
178	HARMOTHOE SP		1					1	1
179	CHONE CF MAGNA			1				1	1
180	STERNASPIS SCUTATA				1			1	1
181	DENTALIUM SOWERBYI	1						1	1
	NO. OF SPECIES	76	59	77	61	60	54		
	NO. OF INDIVIDUALS	251	194	334	223	219	223	1444	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	SB	181	1444	5.8666	.9651	.4917

TABLE 4 CONT.'D

STATION 4 TRANSECT SB PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA	2	1	2	1	6	3	15	6
2	SIGAMBRA TENTACULATA	1	1	5		3	3	13	5
3	PARAONIDES LYRA			3	1	2	2	8	4
4	PARAONIS GRACILIS			2	1	2	2	7	4
5	COROPHIUM ASCHERUSICUM	1	1	1	3	1		7	5
6	PARAONIS SPA	1	1	2		1	2	7	5
7	NEMERTINEA			1		1	3	5	3
8	ACLIS SPA		1	1		1	1	4	4
9	SIPUNCULA				2		2	4	2
10	NEPHTYS INCISA	1		1		2		4	3
11	SPIONIDAE	1				1	1	3	3
12	PARAONIDAE			2			1	3	2
13	THARYX MARIONI			1	1	1		3	3
14	GLYCERA TESSELATA			1		1		2	2
15	ACTINARIA		1	1				2	2
16	AUTOMATE EVERMANNI					1	1	2	2
17	PARAPRIONOSPIO PINNATA	1		1				2	2
18	OPHIUROIDEA		1		1			2	2
19	SCUTOPUS SPA		1	1				2	2
20	NINOE NIGRIPES			1			1	2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MEDIOMASTUS CALIFORNIENSIS		1					1	1
22	SCHISTOMERINGOS RUDOLPHI		1					1	1
23	AGLAOPHAMUS VERRILLI						1	1	1
24	AMPHARETIDAE			1				1	1
25	GYPTIS VITTATA						1	1	1
26	PISTA CRISTATA			1				1	1
27	ASYCHIS ELONGATA				1			1	1
28	MARPHYSA SPA			1				1	1
29	PARALACYDONIA PARADOXA	1						1	1
30	OSTRACOD SPEE		1					1	1
31	AMPELISCA SPA			1				1	1
32	PHYLLODOCE MUCOSA			1				1	1
33	NUCULANA ACUTA			1				1	1
34	THYASIRA SP			1				1	1
35	LUMBRINERIDAE	1						1	1
36	SIGALIONIDAE			1				1	1
37	SPHAEROSYLLIS CF SUBLAEVIS			1				1	1
38	ONUPHIS SPD					1		1	1
39	POLYCHAETE SPA						1	1	1
40	SIGAMBRA SP					1		1	1
41	TEREBELLIDES STROEMII					1		1	1
42	OSTRACOD SPY				1			1	1
43	AEDICIRA BELGICAE	1						1	1
44	MAGELONA LONGICORNIS					1		1	1
45	CAPRELLID		1					1	1
46	CAULLERIELLA SPB					1		1	1
47	NATICA SP						1	1	1
48	CHAETODERMA SPA					1		1	1
49	THARYX ANNULOSUS					1		1	1
50	OSTRACOD SPFF				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PELECYPOD SPA			1				1	1
52	AGLAOPHAMUS CIRCINATA					1		1	1
53	PITAR CORDATUS					1		1	1
54	NOTOMASTUS CF AMERICANUS	1						1	1
55	ORBINIIDAE					1		1	1
	NO. OF SPECIES	11	12	26	10	23	16		
	NO. OF INDIVIDUALS	12	12	36	13	33	26	132	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	S8	55	132	5.1321	.9632	.9636

TABLE 4 CONT.'D

STATION 3 TRANSECT HR PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIONIDAE			1	4	7	2	14	4
2	RISSOINA CANCELLATA		2		10	2		14	3
3	COSSURA DELTA	2	3	4	1	1	1	12	6
4	COROPHIUM ASCHERUSICUM	1	1	1		2		5	4
5	STROMBIFORMIS BILINEATUS					5		5	1
6	THYASIRA SP		2		2			4	2
7	ACLIS SPA	4						4	1
8	SIGAMBRA TENTACULATA	1	1				1	3	3
9	ASYCHIS ELONGATA			1	2			3	2
10	LUMBRINERIS PARVAPEDATA			1		1	1	3	3
11	NEMERTINEA			1		2		3	2
12	PARAONIS GRACILIS					3		3	1
13	MINUSPIO CIRRIFERA					3		3	1
14	MEDIOMASTUS CALIFORNIENSIS				1	2		3	2
15	POLYCHAETE SPA		1			1		2	2
16	GONIADA NORVEGICA		2					2	1
17	GNATHIA SP					2		2	1
18	NATICA SP				1	1		2	2
19	PARAONIDAE				1	1		2	2
20	MAGELONA LONGICORNIS	1	1					2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ABRA AEQUALIS				2			2	1
22	PARALACYDONIA PARADOXA			1	1			2	2
23	CORBULA CF CONTRACTA				2			2	1
24	SPIOPHANES KROYERI				1			1	1
25	PARAMPHINOME PULCHELLA				1			1	1
26	NEREID SPB			1				1	1
27	PHYLLODOCE MUCOSA				1			1	1
28	STERNASPIS SCUTATA				1			1	1
29	NEPHTYIDAE					1		1	1
30	PROCESSA HEMPHILLI						1	1	1
31	STHENELAIS BOA				1			1	1
32	AEDICIRA BELGICAE	1						1	1
33	ONUPHIDAE			1				1	1
34	THARYX MARIONI	1						1	1
35	ANCISTROSYLLIS GROENLANDICA						1	1	1
36	MOIRA ATROPOS						1	1	1
37	OSTRACOD SPD					1		1	1
38	SYLLIDAE						1	1	1
39	OPHIUROIDEA						1	1	1
40	PELECYPOD SPA			1				1	1
41	ANADARA TRANSVERSA					1		1	1
42	GLYCERA TESSELATA					1		1	1
43	NINOE NIGRIPES					1		1	1
44	REPTANTIA						1	1	1
45	AUTOMATE EVERMANNI					1		1	1
46	AMPHARETIDAE					1		1	1
47	SOLEMYA SPA					1		1	1
48	CAPITELLIDAE					1		1	1
49	GONIADIDAE			1				1	1
50	MELANELLA CF JAMAICENSIS					1		1	1
	NO. OF SPECIES	7	8	11	16	24	10		
	NO. OF INDIVIDUALS	11	13	14	32	43	11	124	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	HR	50	124	5.0260	.9593	1.0000

TABLE 4 CONT.'D

STATION 4 TRANSECT HR PERIOD SPRING 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	5	2	1		44	1	53	5
2	THYASIRA SP	5	8	7		4	10	34	5
3	RISSOINA CANCELLATA		2			2	16	20	3
4	MAGELONA LONGICORNIS	4	2	5	2	2	4	19	6
5	ACLIS SPA	1				13		14	2
6	COSSURA DELTA	2	1	3	3	1	1	11	6
7	COROPHIUM ASCHERUSICUM		5		2		4	11	3
8	MINUSPIO LONGIBRANCHIATA	2		6		2		10	3
9	PARAMPHINOME PULCHELLA	3		1		5		9	3
10	NEMERTINEA	2		3	1		3	9	4
11	THARYX MARIONI	2		4			1	7	3
12	PARAONIS GRACILIS			4	1	1		6	3
13	POLYCHAETE SPA	1		5				6	2
14	HETEROPHOXUS CF OCULATUS						6	6	1
15	OPHIUROIDEA	1	1	3				5	3
16	GNATHIA SP	3	1				1	5	3
17	ANADARA TRANSVERSA	1		2			2	5	3
18	SPIONIDAE					4		4	1
19	SIGAMBRA TENTACULATA		1	1		1		3	3
20	NATICA SP				3			3	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LUMBRINERIS ALBIDENTATA				1	1		2	2
22	CORBULA CF CONTRACTA			1	1			2	2
23	NANNODIELLA CF OXIA			1		1		2	2
24	PHYLLODOCE MUCOSA			1	1			2	2
25	SCUTOPUS SPA	1			1			2	2
26	AEDICIRA BELGICAE		1			1		2	2
27	PARAONIDES LYRA				1	1		2	2
28	NEPHTYS INCISA				1	1		2	2
29	NINOE NIGRIPES	1					1	2	2
30	NEREID SPB				2			2	1
31	MAGELONA ROSEA		1		1			2	2
32	PROCESSA SP					2		2	1
33	PARAPRIONOSPIO PINNATA			1	1			2	2
34	SYLLIDAE	1						1	1
35	ANACHIS CALLIGLYPTA	1						1	1
36	CHAETOZONE SETOSA						1	1	1
37	HETEROSPIO LONGISSIMA					1		1	1
38	SPIOPHANES KROYERI		1					1	1
39	PARALACYDONIA PARADOXA		1					1	1
40	ONUPHIS SPA				1			1	1
41	PHILOMEDES SPC			1				1	1
42	LEIOCAPITELLA GLABRA			1				1	1
43	PARAONIS SP	1						1	1
44	CIRROPHORUS LYRIFORMIS					1		1	1
45	GLYCERA TESSELATA						1	1	1
46	NUCULA PROXIMA				1			1	1
47	PARAONIS SPA					1		1	1
48	OSTRACOD SPD						1	1	1
49	GLYCERA SPA	1						1	1
50	PHILINE SAGRA			1				1	1

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PELECYPOD SPA	1						1	1
52	TEREBELLIDAE	1						1	1
53	NEREIS SPA						1	1	1
54	ALPHEUS AMBLYONYX			1				1	1
55	SPIOPHANES LONGICIRRUS				1			1	1
56	NEPHTYIDAE	1						1	1
57	SIGAMBRA BASSI					1		1	1
58	CAULLERIELLA SPB			1				1	1
59	AUTOMATE EVERMANNI			1				1	1
60	NOTOMASTUS AMERICANUS			1				1	1
61	SPIOCHAETOPTERUS COSTARUM			1				1	1
62	AMPHICTEIS GUNNERI			1				1	1
63	CIRRATULUS FILIFORMIS					1		1	1
	NO. OF SPECIES	22	13	26	18	22	16		
	NO. OF INDIVIDUALS	41	27	58	25	91	54	296	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	HR	63	296	4.8123	.9373	.6825

TABLE 4 CONT.'D

STATION 1 TRANSECT SB PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	RISSOINA CANCELLATA	1			13	14	19	47	4
2	GNATHIA SP	5		3	25	3		36	4
3	CORBULA CF CONTRACTA		1		9	18		28	3
4	HETEROPHOXUS CF OCULATUS			2	5	9	2	18	4
5	SIPUNCULA		3	2	1	3	9	18	5
6	NEMERTINEA	1	3	1	5	4		14	5
7	PARAMPHINOME PULCHELLA	2	6	2		3		13	4
8	PARAONIS GRACILIS	2		3		6		11	3
9	MINUSPIO CIRRIFERA		1		8		1	10	3
10	SIGAMBRA TENTACULATA	1	1	3	2	1	1	9	6
11	SPIONIDAE	1		1		5	1	8	4
12	METAPHOXUS CF FREQUENS	1			1	4		6	3
13	ABRA AEQUALIS				6			6	1
14	PITAR CORDATUS		2			2	2	6	3
15	COSSURA DELTA	1	1	2	1			5	4
16	PHOTID SPA				1	2	1	4	3
17	ARMANDIA MACULATA		1	2	1			4	3
18	GONEPLACIDAE		2			1	1	4	3
19	THARYX MARIONI					2	1	3	2
20	PARALACYDONIA PARADOXA		1			1	1	3	3

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CUMACEAN SPC		1			1	1	3	3
22	SPIOCHAETOPTERUS COSTARUM				1	2		3	2
23	CERATONEREIS IRRITABILIS				2		1	3	2
24	MEDIOMASTUS CALIFORNIENSIS		1	1	1			3	3
25	LUMBRINERIS PARVAPEDATA			1			1	2	2
26	NEPHTYIDAE	1		1				2	2
27	PARAONIDES LYRA			1			1	2	2
28	OPHIUROIDEA					1	1	2	2
29	MACOMA PULLEYI		1		1			2	2
30	ACLIS SPA			2				2	1
31	OPHIODROMUS OBSCURUS			2				2	1
32	CHAETOZONE SETOSA				1	1		2	2
33	ALPHEUS AMBLYONYX					1	1	2	2
34	SPHAEROSYLLIS CF SUBLAEVIS				1		1	2	2
35	POLYNOIDAE		1			1		2	2
36	PHILOMEDES SPC				1	1		2	2
37	OBELIA SPA	1					1	2	2
38	PSEUDEURYTHOE AMBIGUA				2			2	1
39	AMPHARETIDAE				2			2	1
40	NEREID(NICON) SPA	1				1		2	2
41	SABELLIDAE		1			1		2	2
42	PARAPRIONOSPIO PINNATA		1			1		2	2
43	GLYCERA TESSELATA		1		1			2	2
44	MINUSPIO SP		2					2	1
45	OPHELIIDAE						1	1	1
46	SARSIELLA CF OZOTHRIX						1	1	1
47	SPIOPHANES LONGICIRRUS					1		1	1
48	POLYCHAETE SPA						1	1	1
49	AMPHARETE AMERICANA					1		1	1
50	GLYCINDE NORDMANNI					1		1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	OSTRACOD SPY					1		1	1
52	EPISCYNIA INORNATA						1	1	1
53	STERNASPIS SCUTATA					1		1	1
54	AEDICIRA BELGICAE				1			1	1
55	ANADARA TRANSVERSA						1	1	1
56	AUTOMATE EVERMANNI		1					1	1
57	PARANDALIA OCULARIS					1		1	1
58	PARDALISCID SPA					1		1	1
59	NEPHTYS INCISA					1		1	1
60	PRIONOSPIO STEENSTRUPI					1		1	1
61	SCUTOPUS SPA		1					1	1
62	STHENELAIS BOA					1		1	1
63	CUMACEAN SPG					1		1	1
64	NOTOMASTUS AMERICANUS	1						1	1
65	DENTALIUM SOWERBYI				1			1	1
66	CUMACEAN				1			1	1
67	MALDANIDAE		1					1	1
68	GONIADIDAE						1	1	1
69	ACTINARIA			1				1	1
70	PIONOSYLLIS CF EHLERSIAEFORMIS				1			1	1
71	SYLLID SPA					1		1	1
72	NINOE NIGRIPES			1				1	1
73	MOLGULA SP				1			1	1

NO. OF SPECIES		13	22	18	28	38	25
NO. OF INDIVIDUALS		19	34	31	96	101	53

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	SB	73	334	5.0754	.9489	.6986

TABLE 4

STATION 1 TRANSECT SB PERIOD WINTER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPIOPHANES LONGICIRRUS	1	3		13	2		19	4
2	HETEROPHOXUS CF OCULATUS	2	1	1	4	1	1	10	6
3	CERATONEREIS IRRITABILIS				8	1		9	2
4	NEMERTINEA	4	1		2	1		8	4
5	GLYCERA TESSELATA	1			5	1		7	3
6	SIGAMBRA TENTACULATA	1	2	1		1	1	6	5
7	SIPUNCULA	2			4			6	2
8	COSSURA DELTA	3		1		1	1	6	4
9	PARAPRIONOSPIO PINNATA	1	2			1		4	3
10	GNATHIA SP		1		1	2		4	3
11	PARALACYDONIA PARADOXA			1		1	2	4	3
12	ALPHEUS CF AMBLYONYX		1		2			3	2
13	APOPRIONOSPIO PYGMAEA					3		3	1
14	METAPHOXUS CF FREQUENS	1			2			3	2
15	THARYX MARIONI		2	1				3	2
16	MINUSPIO CIRRIFERA		3					3	1
17	STHENELAIS BOA				1	1		2	2
18	PARAONIS GRACILIS		1		1			2	2
19	NOTOMASTUS AMERICANUS		1		1			2	2
20	MAGELONA PHYLLISAE		2					2	1

TABLE 4 CONT.'D

STATION 2 TRANSECT SB PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA	2	2	3	2	2	6	17	6
2	PARAONIS SPA	3	3	2				8	3
3	PARAPRIONOSPIO PINNATA				3	1	3	7	3
4	NEMERTINEA	1	5		1			7	3
5	PARAONIS GRACILIS	1	1	2		3		7	4
6	THARYX MARIONI	2		3	1		1	7	4
7	AUTOMATE EVERMANNI	2	1	2				5	3
8	HYDROZOA	1		1		2		4	3
9	PARAMPHINOME PULCHELLA	1	1		2			4	3
10	PARAONIDES LYRA		1	1				2	2
11	PARANDALIA OCULARIS		1		1			2	2
12	SPIONIDAE		2					2	1
13	NEPHTYS INCISA			1		1		2	2
14	STHENELAIS BOA			1	1			2	2
15	SIGAMBRA TENTACULATA	1	1					2	2
16	SPIOPHANES LONGICIRRUS	1			1			2	2
17	GNATHIA SP		1		1			2	2
18	SCUTOPUS SPA		1				1	2	2
19	LUMBRINERIS TENUIS			1				1	1
20	SINUM MACULATUM						1	1	1

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SIPUNCULA						1	1	1
22	POTAMILLA RENIFORMIS		1					1	1
23	NINOE NIGRIPES						1	1	1
24	PELECYPOD SPA		1					1	1
25	STERNASPIS SCUTATA					1		1	1
26	MAGELONA LONGICORNIS			1				1	1
27	ALPHEUS FLORIDANUS			1				1	1
28	ALPHEUS AMBLYONYX		1					1	1
29	AMPHARETIDAE		1					1	1
30	THYASIRA SP		1					1	1
31	LUMBRINERIS PARVAPEDATA				1			1	1
32	ARICIDEA JEFFREYSII				1			1	1
33	OSTRACOD SPD					1		1	1
34	TURBONILLA SP			1				1	1
35	GLYCERA TESSELATA					1		1	1
36	AEDICIRA BELGICAE			1				1	1
37	GLYCINDE NORDMANNI				1			1	1
38	ACLIS SPA			1				1	1
39	CHAETOZONE SETOSA			1				1	1
	NO. OF SPECIES	10	17	16	12	8	7		
	NO. OF INDIVIDUALS	15	25	23	16	12	14	105	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	SB	39	105	4.6486	.9489	.9744

TABLE 4 CONT.'D

STATION 1 TRANSECT HR PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	23	46	46	25	18	22	180	6
2	NEMERTINEA	7	18	19	13	35	10	102	6
3	PALEANOTUS HETEROSETA	7	22	11	20	13	23	96	6
4	SIPUNCULA	13	10	1	21	13	9	67	6
5	PARAMPHINOME PULCHELLA	5	9	5	14	11	15	59	6
6	PITAR CORDATUS	7	12		12	1	14	46	5
7	ABRA AEQUALIS	1	5		9	12		27	4
8	OLIGOCHAETA	1	4	8	1	8		22	5
9	MALDANIDAE	4	5	2	5	2	2	20	6
10	EXOGONE SPA	4	7		3	5		19	4
11	NOTOMASTUS CF LATERICEUS	5	6		3	5		19	4
12	MEDIOMASTUS CALIFORNIENSIS	1	4	2	2	8	1	18	6
13	HETEROPHOXUS CF OCULATUS	2	3	2	3	1	3	14	6
14	SYLLIS HYALINA	2	1	3	3	1	4	14	6
15	RUTIDERMA SPA		3	1	5	3	2	14	5
16	PARAONIS GRACILIS		10		1		3	14	3
17	THYASIRA SP	5	3			1	5	14	4
18	PARANDALIA OCULARIS	5	1	1	4	2	1	14	6
19	SPIOCHAETOPTERUS COSTARUM	2	2	6			2	12	4
20	OPHIUROIDEA	1	3	5	1	2		12	5

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	LOIMIA MEDUSA	2	1		2	2	4	11	5
22	SPIOPHANES LONGICIRRUS	1	2	1	2	2	3	11	6
23	SPIONIDAE	1	1	1	1	5	1	10	6
24	PARAONIDES LYRA		4	1	2	3		10	4
25	SCHISTOMERINGOS RUDOLPHI		4	3	1	1	1	10	5
26	GLYCERA TESSELATA	1	3	2	1	2	1	10	6
27	EXOGONE DISPAR	3	2		3	1	1	10	5
28	ANTHURID SPA	2	2	2	2		1	9	5
29	AMPHARETIDAE	3	3	2		1		9	4
30	EXOGONE GEMMIFERA			6			3	9	2
31	NOTOMASTUS CF AMERICANUS			8			1	9	2
32	SYLLIS FERRUGINA	3	3		1	1		8	4
33	LEPTOCHELIA SP		4	1	1	1	1	8	5
34	SAMYTHELLA ELIASONI	1	2		1	4		8	4
35	SYLLIS SPA	1		1	1	3	1	7	5
36	THARYX MARIONI		2		3	1	1	7	4
37	MINUSPIO CIRRIFERA	1	3	3				7	3
38	AUTOMATE EVERMANNI	1	2	1	1	1		6	5
39	SINUM MACULATUM		2		4			6	2
40	PYRUNCULUS CAELATUS	3	3					6	2
41	AGLAOPHAMUS CIRCINATA	4	2					6	2
42	ACTINARIA	1		4			1	6	3
43	LYSIANASSID SPR	1			5			6	2
44	STHENELAIS BOA	2	1		2			5	3
45	PHOTIS MACROMANUS				5			5	1
46	ONUPHIDAE	2			3			5	2
47	STHENOLEPIS CF JAPONICA		1		4			5	2
48	SPIOPHANES WIGLEYI		2	3				5	2
49	POTAMILLA RENIFORMIS		3			2		5	2
50	AMPELISCA ABDITA	1	3	1				5	3

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	HARMOTHOE TRIMACULATA		3	1			1	5	3
52	HARMOTHOE IMBRICATA			1	2		2	5	3
53	SYLLIDAE	1		1		2		4	3
54	PRIONOSPIO CRISTATA		1	1		1	1	4	4
55	AMPELISCA CF CRISTATA		1				3	4	2
56	ERYCINA SP						4	4	1
57	DIPLODONTA SPA	2	2					4	2
58	AMPHIPOD SPA		4					4	1
59	CHAETOZONE SETOSA	2			2			4	2
60	PODOCEROPSIS SP		3			1		4	2
61	POECILOCHAETUS JOHNSONI	1	1	1	1			4	4
62	GONEPLACIDAE	1			1	2		4	3
63	PRIONOSPIO STEENSTRUPI	1		3				4	2
64	TEREBELLIDES STROEMII	1				1	1	3	3
65	CHONE CF AMERICANA				1		2	3	2
66	TEREBELLIDAE		1	2				3	2
67	ARMANDIA MACULATA	1	1		1			3	3
68	EUNICE RUBRA		1	1	1			3	3
69	AMPHARETE AMERICANA					1	2	3	2
70	CRASSINELLA LUNULATA	1	1				1	3	3
71	NEREID(NICON) SPA		1	1		1		3	3
72	ONUPHIS SPA	2	1					3	2
73	AGLAOPHAMUS INERMIS						3	3	1
74	CRASSINELLA MARTINICENSIS						3	3	1
75	LAONICE CIRRATA	2			1			3	2
76	POLYCHAETE SPA		2		1			3	2
77	HYDROZOA	1	2					3	2
78	ARICIDEA JEFFREYSII		2		1			3	2
79	ARCOPSIS ADAMSI	3						3	1
80	CAPRELLID			1			2	3	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	APSEUDES SPB			1	1		1	3	3
82	PARAONIS SPA			3				3	1
83	DRILONEREIS MAGNA			2		1		3	2
84	NOTOMASTUS AMERICANUS						3	3	1
85	SIGAMBRA TENTACULATA		1			2		3	2
86	ONUPHIS SP						2	2	1
87	GONIADIDES CAROLINAE		1		1			2	2
88	NEREIS CF RIISEI		1				1	2	2
89	MUNIDA FORCEPS	2						2	1
90	CORBULA CF CONTRACTA	1			1			2	2
91	AUTOLYTUS SPA			2				2	1
92	XIPHICHILUS SPA		1			1		2	2
93	SCALIBREGMIDAE	1					1	2	2
94	LUMBRINERIS PARVAPEDATA						2	2	1
95	BRANIA FURCELLIGERA		2					2	1
96	OSTRACOD SPD		2					2	1
97	SYLLIS GRACILIS				2			2	1
98	PHYLLODOCE MUCOSA	1			1			2	2
99	CHLOEIA VIRIDIS						2	2	1
100	SYLLIS SPONGICOLA			1		1		2	2
101	SABELLARIA FLORIDENSIS	1	1					2	2
102	ANTHURID SPB			1	1			2	2
103	CIRRATULID-B			2				2	1
104	SYLLIS SP				2			2	1
105	ONUPHIS CF GEOFILIFORMIS			1			1	2	2
106	ASYCHIS CAROLINAE			2				2	1
107	COROPHIOID SPA						2	2	1
108	PLATYHELMINTHES				2			2	1
109	STREBLOSOMA SP				1		1	2	2
110	AMYGDALUM PAPYRIUM				1	1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	OSTRACOD SPZ						1	1	1
112	NEREIDAE						1	1	1
113	SYLLIS SPC					1		1	1
114	SERPULA VERMICULARIS		1					1	1
115	GNATHIA SP	1						1	1
116	MARPHYSA SPC			1				1	1
117	SIGAMBRA BASSI		1					1	1
118	MARPHYSA SPA						1	1	1
119	VAUNTHOMPSONIA SP			1				1	1
120	STHENELAIS SP						1	1	1
121	HARMOTHOE SP			1				1	1
122	PARDALISCID SPA	1						1	1
123	PROCESSA HEMPHILLI		1					1	1
124	EURYSYLLIS SPA			1				1	1
125	CERIANTHARIA SPA				1			1	1
126	ODONTOSYLLIS CF LONGISETA						1	1	1
127	TRYPANOSYLLIS SP					1		1	1
128	AMPHICTEIS GUNNERI			1				1	1
129	ANTHURID SPC		1					1	1
130	EUCLYMENE CF LOMBRICOIDES			1				1	1
131	LUMBRINERIDAE					1		1	1
132	PELOSCOLEX SP						1	1	1
133	CAPITELLIDAE			1				1	1
134	GLYCERA SP			1				1	1
135	GLYCINDE NORDMANNI			1				1	1
136	PARAPRIONOSPIO PINNATA						1	1	1
137	MICROCARDIUM PERMABILE	1						1	1
138	EPITONIUM MULTISTRIATUM	1						1	1
139	NEPHTYS INCISA				1			1	1
140	SICYONIA DORSALIS						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	EUNICIDAE					1		1	1
142	ARABELLA MUTANS		1					1	1
143	SCOLELEPIS TEXANA		1					1	1
144	CIRROPHORUS BRANCHIATUS				1			1	1
145	SERPULIDAE				1			1	1
146	ONUPHIS MAGNA				1			1	1
147	CALLIANASSA SP						1	1	1
148	APOPRIONOSPIO PYGMAEA		1					1	1
149	SEMELE BELLASTRIATA					1		1	1
150	SYLLID SPA			1				1	1
151	MARPHYSA SANGUINEA		1					1	1
152	LANICE CF CONCHILEGA			1				1	1
153	OPHELIIDAE				1			1	1
154	MALACOCEROS INDICUS				1			1	1
155	ZANCLEA GEMMOSA	1						1	1
156	FINELLA DUBIA	1						1	1
157	POLYNOIDAE					1		1	1
158	ACTINARIA SPA		1					1	1
	NO. OF SPECIES	61	75	60	65	51	59		
	NO. OF INDIVIDUALS	160	274	191	222	192	186	1225	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	HR	158	1225	5.7362	.9551	.5127

TABLE 4 CONT.'D

STATION 2 TRANSECT HR PERIOD JULY 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS		15		5		3	23	3
2	PARAMPHINOME PULCHELLA					14		14	1
3	THYASIRA SP			5	6		3	14	3
4	MAGELONA LONGICORNIS	4		5	3	1		13	4
5	PARAONIS SPA	1	2		2	6	2	13	5
6	PARAONIS GRACILIS	2	2	1		6		11	4
7	NEMERTINEA	1	2	1		2	4	10	5
8	COSSURA DELTA	1	2	1	1	2	1	8	6
9	ABRA AEQUALIS			3	1		2	6	3
10	PARAPRIONOSPIO PINNATA	1				1	2	4	3
11	THARYX MARIONI				1	2	1	4	3
12	SIGAMBRA TENTACULATA	1		1		1		3	3
13	MINUSPIO CIRRIFERA			1		2		3	2
14	NEPHTYS INCISA	1		1	1			3	3
15	HYDROZOA				2			2	1
16	AMPELISCA SPA					1	1	2	2
17	CORBULA CF CONTRACTA					2		2	1
18	APSEUDES SPA			2				2	1
19	HETEROSPIO LONGISSIMA				1	1		2	2
20	AUTOMATE EVERMANNI		1	1				2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PARAONIDES LYRA				1	1		2	2
22	SPIOCHAETOPTERUS COSTARUM		1		1			2	2
23	EXOGONE SPA				1			1	1
24	MEDIOMASTUS CALIFORNIENSIS						1	1	1
25	AEDICIRA BELGICAE		1					1	1
26	SINUM MACULATUM		1					1	1
27	COROPHIUM ASCHERUSICUM						1	1	1
28	SPHAEROSYLLIS CF SUBLAEVIS	1						1	1
29	LUMBRINERIS ALBIDENTATA						1	1	1
30	OPHIODROMUS OBSCURUS			1				1	1
31	CALLIANASSA CF MARGINATA					1		1	1
32	GONEPLACIDAE			1				1	1
33	OPHIUROIDEA					1		1	1
34	SIPUNCULA				1			1	1
35	SPIOPHANES LONGICIRRUS	1						1	1
36	PARALACYDONIA PARADOXA		1					1	1
37	HETEROPHOXUS CF OCULATUS					1		1	1
38	MALDANIDAE					1		1	1
39	PSEUDEURYTHOE AMBIGUA			1				1	1
40	LUMBRINERIS PARVAPEDATA					1		1	1
41	POLYCHAETE SPA						1	1	1
42	SABELLIDAE						1	1	1
43	ACLIS SPA					1		1	1
44	CALLIANASSA LATISPINA			1				1	1
45	PHOLOE SPA					1		1	1
46	NEREID(NICON) SPA				1			1	1
47	STERNASPIS SCUTATA				1			1	1
	NO. OF SPECIES	10	10	15	16	21	14		
	NO. OF INDIVIDUALS	14	28	26	29	49	24	170	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 4 CONT.'D

STATION 3 TRANSECT SB PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	18	17	17	130	25	42	249	6
2	SPHAEROSYLLIS CF SUBLAEVIS	18	14	3	49	12	55	151	6
3	SIPUNCULA	25	16	20	13	12	15	101	6
4	PALEANOTUS HETEROSETA	3	22	8	25	11	23	92	6
5	LAONICE CIRRATA	5	21	9	17	9	19	80	6
6	NEMERTINEA	10	2	12	21	3	12	60	6
7	SARSIELLA SPB	7	3		18	11	9	48	5
8	PARAMPHINOME PULCHELLA	2	1	3	12	21	7	46	6
9	APSEUDES SPB	4	4	6	7	1	16	38	6
10	GLYCERA TESSELATA		6	2	9	3	5	25	5
11	OPHIUROIDEA	3	1	3	8	5	5	25	6
12	MALDANIDAE	5	2	1	5	5	6	24	6
13	HETEROPHOXUS CF OCULATUS	2	6		3	7	4	22	5
14	AMYGDALUM PAPYRIUM	3			16		1	20	3
15	SPIOPHANES WIGLEYI	3	1		6	4	5	19	5
16	PARAONIS GRACILIS	4	2	3	2	4	4	19	6
17	SYLLIS FERRUGINA		2	1	7	1	7	18	5
18	MAGELONA SPA	1	4	1	5	1	4	16	6
19	EXOGONE SPA		4		7		5	16	3
20	MEDIOMASTUS CALIFORNIENSIS		2		4	4	6	16	4

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	OLIGOCHAETA	2	3		8	2	1	16	5
22	PRIONOSPIO STEENSTRUPI	2	1	2	2	1	6	14	6
23	THYASIRA SP	2			5	1	5	13	4
24	ANTHURID SPA	6	4	3				13	3
25	ONUPHIDAE	1	3		3	4		11	4
26	OSTRACOD SPGG				6		5	11	2
27	ONUPHIS SPA	2		3	3	1	2	11	5
28	SABELLIDAE		1		2	3	4	10	4
29	CUMACEAN SPD	1	1		3	4		9	4
30	LOIMIA MEDUSA	1	4		2	2		9	4
31	SPIONIDAE	3	2	1		3		9	4
32	SARSIELLA CF OZOTHRIX		1		4	1	2	8	4
33	BRANIA FURCELLIGERA			2	2	1	3	8	4
34	CORBULA CF CONTRACTA	3			1	1	3	8	4
35	THARYX MARIONI	1	1	1	2		3	8	5
36	CAPITELLID SPC				4		3	7	2
37	STHENOLEPIS CF JAPONICA	1	3		2	1		7	4
38	CHONE SPA				6			6	1
39	SPHAEROSYLLIS CF FORTUITA			2	1		3	6	3
40	NOTOMASTUS AMERICANUS				1	4	1	6	3
41	AMPELISCA ABDITA				2	1	3	6	3
42	HYDROZOA				5			5	1
43	AMPELISCA CF CRISTATA	2	2		1			5	3
44	PARAONIDES LYRA		1	1	1	2		5	4
45	GONEPLACIDAE	2		3				5	2
46	PHILINE SAGRA			1	3	1		5	3
47	ABRA AEQUALIS	1					4	5	2
48	CHONE CF AMERICANA	4		1				5	2
49	CALYPTRAEA CENTRALIS				3		1	4	2
50	DENTALIUM SOWERBYI	1	2			1		4	3

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SCLEROCONCHA SPA		1		1	1	1	4	4
52	PYRUNCULUS CAELATUS						4	4	1
53	SPIOPHANES LONGICIRRUS	2					2	4	2
54	NOTOMASTUS CF AMERICANUS	2		2				4	2
55	ERYCINA SP		2		1		1	4	3
56	OSTRACOD SPJJ	1			2		1	4	3
57	POLYNOIDAE				1		3	4	2
58	EXOGONE DISPAR	1				3		4	2
59	COSSURA DELTA	2					1	3	2
60	PARASTEROPE SPP		1				2	3	2
61	OSTRACOD SPKK	2					1	3	2
62	NEREIDAE		1		1		1	3	3
63	SERPULA VERMICULARIS	1				1	1	3	3
64	NEREID(NICON) SPA	2	1					3	2
65	POECILOCHAETUS JOHNSONI			2			1	3	2
66	SPIOCHAETOPTERUS COSTARUM	1		1	1			3	3
67	SYLLIDAE				1	2		3	2
68	PRIONOSPIO CRISTATA				1		2	3	2
69	CUSPIDARIA MEDIA				2		1	3	2
70	LEPTOCHELIA SP	1				1		2	2
71	SYLLIS SPA		1		1			2	2
72	ALPHEIDAE	2						2	1
73	OSTRACOD SPD	1			1			2	2
74	RUTIDERMA SPD		1			1		2	2
75	AMPHARETE ACUTIFRONS					2		2	1
76	CAPRELLID	1	1					2	2
77	LISTRIELLA BARNARDI		1	1				2	2
78	ANTHURID SPB	1					1	2	2
79	CHAETOZONE SETOSA						2	2	1
80	NEMATONEREIS UNICORNIS						2	2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	SIGAMBRA TENTACULATA	2						2	1
82	AMPHARETIDAE		1				1	2	2
83	MEGALOMMA CF. QUADRIOCULATUM		1				1	2	2
84	HARMOTHOE TRIMACULATA		1				1	2	2
85	ONUPHIS PERUANA	1		1				2	2
86	GONIADA TERES	1				1		2	2
87	STHENELAIS BOA	1			1			2	2
88	NOTOMASTUS CF LATERICEUS			1	1			2	2
89	NOTOMASTUS LATERICEUS				2			2	1
90	SCOLOPLOS RUBRA	1					1	2	2
91	CADULUS CAROLINENSIS						2	2	1
92	PECTINARIA SP	1	1					2	2
93	ACTINARIA				2			2	1
94	AEDICIRA BELGICAE	1				1		2	2
95	PARANDALIA OCULARIS					2		2	1
96	SCHISTOMERINGOS RUDOLPHI				2			2	1
97	AGLAOPHAMUS CIRCINATA	1			1			2	2
98	OPHIODROMUS OBSCURUS	1			1			2	2
99	MINUSPIO CIRRIFERA				2			2	1
100	MESOCHAETOPTERUS TAYLORI				1			1	1
101	GLYCINDE NORDMANNI	1						1	1
102	MAGELONA ROSEA					1		1	1
103	NEREID SPB	1						1	1
104	AUTOMATE EVERMANNI						1	1	1
105	AGLAOPHAMUS VERRILLI		1					1	1
106	NEMATODA				1			1	1
107	SIGAMBRA BASSI	1						1	1
108	POTAMILLA RENIFORMIS				1			1	1
109	PROTULA TUBULARIA						1	1	1
110	AUTOMATE SP		1					1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	SERPULIDAE						1	1	1
112	PECTINARIA GOULDII						1	1	1
113	TEREBELLIDAE					1		1	1
114	STHENELAIS SP					1		1	1
115	EXOGONE CF GEMMIFERA		1					1	1
116	VOLVULELLA RECTA				1			1	1
117	COROPHIOID SPA				1			1	1
118	ARABELLA MUTANS					1		1	1
119	DENTALIUM TEXASIANUM				1			1	1
120	SARSIELLID NSPB				1			1	1
121	ERYTHROPS SP				1			1	1
122	OSTRACOD SPFF				1			1	1
123	SYLLIS CF ANOPS				1			1	1
124	ANTIGONA RUGATINA				1			1	1
125	POLYODONTES LUPINA					1		1	1
126	PECTINIDAE						1	1	1
127	VENERIDAE				1			1	1
128	ACTINARIA SPB				1			1	1
129	ARBACIOIDA				1			1	1
130	EUNICIDAE					1		1	1
131	EBALIA STIMPSONI						1	1	1
132	POROMYA ROSTRATA	1						1	1
133	CALYCELLA SYRINGA				1			1	1
134	SARSIELLA SPH		1					1	1
135	CUMACEAN SPG				1			1	1
136	CALLIANASSA CF MARGINATA						1	1	1
137	SPIOPHANES BOMBYX						1	1	1
138	HYDROIDES PROTULICOLA					1		1	1
139	SARSIELLA SPC				1			1	1
140	CIRRATULIDAE					1		1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	ANTHURID SPC		1					1	1
142	CUMACEAN SPC						1	1	1
143	SUBADYTE SPA				1			1	1
144	HARMOTHOE SP					1		1	1
145	BYBLIS CF GAIMARDI				1			1	1
146	PODOCEROPSIS SP	1						1	1
147	DORVILLEA SOCIABILIS	1						1	1
148	IDANTHYRSUS SP					1		1	1
149	NEREIS SPC			1				1	1
150	CIRROPHORUS LYRIFORMIS	1						1	1
151	STERNASPIS SCUTATA		1					1	1
152	LUMBRINERIS TENUIS		1					1	1
153	TOZEUMA CORNUTUM			1				1	1
154	MALACOCEROS INDICUS		1					1	1
155	CAPITELLIDAE						1	1	1
156	OWENIA FUSIFORMIS		1					1	1
157	NEREIS CF RIISEI					1		1	1
158	MARPHYS SP				1			1	1
159	GLYCERA PAPILLOSA	1						1	1
	NO. OF SPECIES	64	55	33	83	57	68		
	NO. OF INDIVIDUALS	186	182	119	481	199	342	1509	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	SB	159	1509	5.3979	.9451	.4025

TABLE 4 CONT.'D

STATION 4 TRANSECT SB PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA	4	1	1	2	1	5	14	6
2	PITAR CORDATUS	1	9				2	12	3
3	SPIONIDAE		2	1		5	1	9	4
4	NEMERTINEA	1			2	1	2	6	4
5	PARAONIS GRACILIS			1			4	5	2
6	SIGAMBRA TENTACULATA		1	1	2	1		5	4
7	PARAPRIONOSPIO PINNATA	1		1	2		1	5	4
8	RISSOINA CANCELLATA			4				4	1
9	DENTALIUM SOWERBYI		2		1		1	4	3
10	NEPHTYS INCISA	1			1	1	1	4	4
11	MEDIOMASTUS CALIFORNIENSIS	2					1	3	2
12	PARAONIS SPA		2	1				3	2
13	MAGELONA LONGICORNIS		2				1	3	2
14	LUMBRINERIS PARVAPEDATA		1	2				3	2
15	GLYCERA TESSELATA		3					3	1
16	PARALACYDONIA PARADOXA		1			1		2	2
17	BYBLIS CF GAIMARDI	1			1			2	2
18	SIPUNCULA		1				1	2	2
19	AMYGDALUM PAPYRIUM					1	1	2	2
20	CORBULA CF CONTRACTA					2		2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	CALLIANASSA SP					2		2	1
22	NUCULANA ACUTA		1	1				2	2
23	THARYX ANNULOSUS						2	2	1
24	PARAONIDES LYRA		1				1	2	2
25	STERNASPIS SCUTATA		1			1		2	2
26	CAPITELLIDAE			1				1	1
27	MEGALOMMA CF BIOCULATUM			1				1	1
28	MINUSPIO LONGIBRANCHIATA	1						1	1
29	HETEROPHOXUS CF OCULATUS			1				1	1
30	MARPHYSA SPA						1	1	1
31	ACTINARIA				1			1	1
32	PARAONIDAE					1		1	1
33	AGLAOPHAMUS CIRCINATA	1						1	1
34	NEPHTYIDAE			1				1	1
35	MALDANIDAE		1					1	1
36	CLYMENELLA TORQUATA						1	1	1
37	SCUTOPUS SPA					1		1	1
38	RETUSIDAE		1					1	1
39	ARICIDEA SUECICA			1				1	1
40	PELECYPOD SPA						1	1	1
41	AUTOMATE EVERMANNI					1		1	1
42	CHONE SPA					1		1	1
43	MAGELONA ROSEA				1			1	1
44	ANCISTROSYLLIS JONESI					1		1	1
45	AMPELISCA SPA						1	1	1
46	POLYNOIDAE					1		1	1
47	PARAMPHINOME PULCHELLA			1				1	1
48	AEDICIRA BELGICAE	1						1	1
49	SCONSIA STRIATA				1			1	1
50	GONEPLACIDAE					1		1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	GASTROPODA			1				1	1
52	NEREID(NICON) SPA						1	1	1
	NO. OF SPECIES	10	16	16	10	17	19		
	NO. OF INDIVIDUALS	14	30	20	14	23	29	130	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	SB	52	130	5.1619	.9665	1.0000

TABLE 4 CONT.'D

STATION 3 TRANSECT HR PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	CORBULA CF CONTRACTA		4	16	1	2	10	33	5
2	NEPHTYS INCISA	1	8	5	3	3	2	22	6
3	RISSOINA CANCELLATA		2	4	9	1	4	20	5
4	NEMERTINEA		4	3	2	3	6	18	5
5	MINUSPIO LONGIBRANCHIATA		2	8			6	16	3
6	PARAMPHINOME PULCHELLA	1	5	3		1	4	14	5
7	ABRA AEQUALIS		2	12				14	2
8	THYASIRA SP		3	7		2		12	3
9	PARAONIS GRACILIS		2	6		3		11	3
10	SIGAMBRA TENTACULATA		3	2	2	2	1	10	5
11	SCUTOPUS SPA		4	3	1			8	3
12	PARALACYDONIA PARADOXA	1	3	2		1		7	4
13	ARMANDIA MACULATA	1	1	4	1			7	4
14	MAGELONA LONGICORNIS	2		1	3	1		7	4
15	THARYX MARIONI	1	1	1		2	1	6	5
16	STERNASPIS SCUTATA	2	1	2			1	6	4
17	POLYNOIDAE		1	3	1			5	3
18	PARAONIS SPA		2			1	2	5	3
19	MEDIOMASTUS CALIFORNIENSIS		2	1		1		4	3
20	ALPHEUS AMBLYONYX		2	1	1			4	3

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	COSSURA DELTA		2	1			1	4	3
22	STHENELAIS BOA	1					3	4	2
23	PARAPRIONOSPIO PINNATA	1			1	2		4	3
24	GONIADA NORVEGICA		2		1			3	2
25	PITAR CORDATUS					3		3	1
26	HIPPOMEDON CF SERRATUS		1		1			2	2
27	AGLAOPHAMUS CIRCINATA		2					2	1
28	NEREIS SPA	1		1				2	2
29	NEREID SPB		1	1				2	2
30	PARASTEROPE SPP		1				1	2	2
31	PHILOMEDES SPC						2	2	1
32	SANGUINOLARIA SANGUINOLENTA						2	2	1
33	AEDICIRA BELGICAE	1	1					2	2
34	ACLIS SPA	1	1					2	2
35	NEREIDAE		1		1			2	2
36	CARIDEA			1		1		2	2
37	ALPHEIDAE			1		1		2	2
38	LUMBRINERIS PARVAPEDATA			2				2	1
39	LUMBRINERIS TENUIS				1		1	2	2
40	SPIONIDAE						2	2	1
41	MINUSPIO CIRRIFERA					1	1	2	2
42	HARMOTHOE SP						2	2	1
43	GONEPLACIDAE		2					2	1
44	GNATHIA SP						2	2	1
45	SPIOPHANES WIGLEYI						1	1	1
46	PELECYPOD SPA		1					1	1
47	HETEROPHOXUS CF OCULATUS			1				1	1
48	AMPHARETE AMERICANA			1				1	1
49	ONUPHIS MAGNA		1					1	1
50	SPIOPHANES LONGICIRRUS		1					1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	PHYLLOCHAETOPTERUS SP						1	1	1
52	OPHIUROIDEA			1				1	1
53	PHILINE SAGRA		1					1	1
54	RANINOIDES LOUISIANENSIS		1					1	1
55	NEREID SPC	1						1	1
56	YOLDIA SOLENOIDES		1					1	1
57	SYNCHELIDIUM CF AMERICANUM					1		1	1
58	ASYCHIS SP					1		1	1
59	POLYCHAETE SPA				1			1	1
60	SPIOPHANES KROYERI		1					1	1
61	CAULLERIELLA SPB					1		1	1
62	RETUSIDAE					1		1	1
63	GLYCERA TESSELATA						1	1	1
64	ALPHEUS CF AMBLYONYX		1					1	1
65	NOTOMASTUS CF LATERICEUS						1	1	1
66	PHYLLODOCE MUCOSA						1	1	1
	NO. OF SPECIES	13	37	28	16	22	25		
	NO. OF INDIVIDUALS	15	74	94	30	35	59	307	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
3	HR	66	307	5.2229	.9624	.8636

TABLE 4 CONT.'D

STATION 4 TRANSECT HR PERIOD AUGUST 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA LONGICORNIS		11	1	2			14	3
2	RISSOINA CANCELLATA			7	4	2		13	3
3	PARAONIS GRACILIS	2	1		6			9	3
4	PITAR CORDATUS				2		5	7	2
5	CORBULA CF CONTRACTA	2		3	1	1		7	4
6	SIPUNCULA	5	1					6	2
7	PHILINE SAGRA	1		1			3	5	3
8	NINOE NIGRIPES		2		2			4	2
9	THYASIRA SP				3	1		4	2
10	NEMERTINEA		1	1			1	3	3
11	GNATHIA SP				2		1	3	2
12	COSSURA DELTA		2	1				3	2
13	MAGELONA PHYLLISAE					3		3	1
14	STHENELAIS BOA	2					1	3	2
15	PARALACYDONIA PARADOXA	1	1					2	2
16	LUMBRINERIS PARVAPEDATA				1	1		2	2
17	THARYX ANNULOSUS				2			2	1
18	SCUTOPUS SPA		2					2	1
19	AMYGDALUM PAPYRIUM	1	1					2	2
20	THARYX MARIONI	1	1					2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ALPHEUS AMBLYONYX			1			1	2	2
22	AEDICIRA BELGICAE			1			1	2	2
23	NEPHTYS INCISA			1				1	1
24	POLYCHAETE SPA			1				1	1
25	GONIADA NORVEGICA			1				1	1
26	ARICIDEA CF FRAGILIS			1				1	1
27	PRIONOSPIO STEENSTRUPI			1				1	1
28	NUCULANA ACUTA	1						1	1
29	LIMNORIA SP	1						1	1
30	SYNCHELIDIUM CF AMERICANUM			1				1	1
31	PARAPRIONOSPIO PINNATA					1		1	1
32	SQUILLA CHYDAEA						1	1	1
33	HETEROPHOXUS CF OCULATUS	1						1	1
34	LUMBRINERIS TENUIS					1		1	1
35	PROCESSA HEMPHILLI	1						1	1
36	MEDIOMASTUS CALIFORNIENSIS		1					1	1
37	NEREIDAE	1						1	1
38	ONUPHIS MAGNA		1					1	1
39	ACLIS SPA	1						1	1
40	OPHIUROIDEA	1						1	1
41	GONEPLACIDAE						1	1	1
42	PARAONIS SPA						1	1	1
43	PAGURINAE				1			1	1
44	DIASTYLIS SP		1					1	1
45	NEREID(NICON) SPA				1			1	1
46	SIGAMBRA HASSI				1			1	1
47	CUMACEAN SPB						1	1	1
48	PHILOMEDES SPC	1						1	1
49	PHOTID SPA				1			1	1
50	SCLEROCONCHA SPA				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	MINUSPIO CIRRIFERA				1			1	1
52	NEREID SPB					1		1	1
53	PROCESSA SP		1					1	1
54	SIGALIONIDAE				1			1	1
	NO. OF SPECIES	16	14	14	17	8	11		
	NO. OF INDIVIDUALS	23	27	22	32	11	17	132	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	HR	54	132	5.1428	.9645	1.0000

TABLE 4 CONT.'D

STATION 1 TRANSECT SB PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS GRACILIS	2	2	1	3	2	2	12	6
2	COSSURA DELTA		4	1	1	3		9	4
3	PHOTIO SPA	4			4			8	2
4	CORBULA CF CONTRACTA	2	5					7	2
5	THARYX MARIONI	1	3	2	1			7	4
6	HETEROPHOXUS CF OCULATUS	1	1		4			6	3
7	SIGAMBRA TENTACULATA	1	3	1				5	3
8	NEMERTINEA		1		4			5	2
9	SPIONIDAE	2	1		2			5	3
10	RISSOINA CANCELLATA		4					4	1
11	PARAMPHINOME PULCHELLA	1			3			4	2
12	MAGELONA LONGICORNIS				3		1	4	2
13	OPHIUROIDEA			1	1		1	3	3
14	MALDANIDAE	2			1			3	2
15	SIPUNCULA	1		1	1			3	3
16	HEMICYCLOPS SP	2	1					3	2
17	NEREID SPB	3						3	1
18	CERATONEREIS IRRITABILIS	3						3	1
19	SCUTOPUS SPA		1		1		1	3	3
20	PARAONIDES LYRA	1			2			3	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NEPHTYIDAE			1			1	2	2
22	POLYCHAETE SPA			1	1			2	2
23	ARMANDIA MACULATA			1			1	2	2
24	GNATHIA SP	1			1			2	2
25	STERNASPIS SCUTATA				2			2	1
26	PILARGIIDAE						2	2	1
27	MEDIOMASTUS CALIFORNIENSIS		2					2	1
28	SYNELMIS SPA			1				1	1
29	SPHAEROSYLLIS CF SUBLAEVIS	1						1	1
30	NEREIDAE			1				1	1
31	NUCULANA PLATESSA					1		1	1
32	PROCESSIDAE	1						1	1
33	EXOGONE DISPAR	1						1	1
34	ACLIS SPA						1	1	1
35	AUTOMATE EVERMANNI					1		1	1
36	HYDROZOA		1					1	1
37	AMPHIPOD SPA	1						1	1
38	METAPHOXUS CF FREQUENS		1					1	1
39	PARAPRIONUSPIO PINNATA					1		1	1
40	BRYOZOA		1					1	1
41	PARALACYDONIA PARADOXA						1	1	1
42	NINOE NIGRIPES		1					1	1
43	SPIOCHAETOPTERUS COSTARUM	1						1	1
44	NOTOMASTUS LATERICEUS						1	1	1
45	PONTONIA SP	1						1	1
46	MAGELONA SPA				1			1	1
47	SIGAMBRA BASSI				1			1	1
48	NEPHTYS INCISA					1		1	1
49	PENAEIDAE						1	1	1
50	CUMACEAN SPC				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	ARCIDAE	1						1	1
52	PHILOMEDES SPC				1			1	1
53	ONUPHIDAE		1					1	1
54	SCOLELEPIS TEXANA				1			1	1
55	ANADARA TRANSVERSA				1			1	1
56	NEREIS SPA				1			1	1
57	NANNODIELLA CF OXIA				1			1	1
58	CAPITELLIDAE			1				1	1
59	PARANDALIA OCULARIS			1				1	1
60	AMPHICTEIS GUNNERI				1			1	1
61	LUMBRINERIS PARVAPEDATA				1			1	1
62	HETEROSPIO LONGISSIMA				1			1	1
63	SYLLIDAE				1			1	1
	NO. OF SPECIES	22	17	13	29	6	11		
	NO. OF INDIVIDUALS	34	33	14	47	9	13	150	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	SB	63	150	5.4964	.9762	1.0476

TABLE 4 CONT.'D

STATION 2 TRANSECT SB PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	CORBULA CF CONTRACTA	5	5	1	6	8	1	26	6
2	GNATHIA SP	15			1	1		17	3
3	ARMANDIA MACULATA	3	2		2	2		9	4
4	APSEUDES SPA			9				9	1
5	MAGELONA LONGICORNIS						6	6	1
6	SIPUNCULA	1	2			2		5	3
7	COSSURA DELTA			1	1	1	2	5	4
8	POLYNOIDAE	1	1	1		1		4	4
9	CERATONEREIS IRRITABILIS	2	1	1				4	3
10	PARALACYDONIA PARADOXA			1			2	3	2
11	NEMERTINEA			1		2		3	2
12	THARYX MARIONI	2			1			3	2
13	LUMBRINERIS PARVAPEDATA			1		1	1	3	3
14	SIGAMBRA TENTACULATA			1		1	1	3	3
15	STHENELAIS BOA	1				1		2	2
16	SPIONIDAE	1	1					2	2
17	STERNASPIS SCUTATA				1		1	2	2
18	AUTOMATE EVERMANNI		1				1	2	2
19	BRADA SP		2					2	1
20	PARAONIDES LYRA					1	1	2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MEDIOMASTUS CALIFORNIENSIS					2		2	1
22	PASIPHAEIDAE					2		2	1
23	NINOE NIGRIPES						2	2	1
24	PARAPRIONOSPIO PINNATA	2						2	1
25	PARAMPHINOME PULCHELLA			1			1	2	2
26	CALLIANASSA SP	1					1	2	2
27	VOLVULELLA TEXASIANA						1	1	1
28	POECILOCHAETUS JOHNSONI	1						1	1
29	ALPHEUS AMBLYONYX						1	1	1
30	GLYCERA TESSELATA	1						1	1
31	SYNCHELIDIUM CF AMERICANUM		1					1	1
32	LEPTOCHELA CF BERMUDENSIS	1						1	1
33	NEPHTYS INCISA			1				1	1
34	GONEPLACIDAE		1					1	1
35	PARAONIS GRACILIS					1		1	1
36	AEDICIRA BELGICAE						1	1	1
37	OPHIODROMUS OBSCURUS	1						1	1
38	HETEROPHOXUS CF OCULATUS					1		1	1
39	SCUTOPUS SPA			1				1	1
40	NEREID(NICON) SPA					1		1	1
41	THYASIRA SP				1			1	1
42	PITAR CORDATUS				1			1	1
43	OBELIA SPA				1			1	1
44	AMPELISCA ABDITA					1		1	1
45	PARASTEROPE SPP						1	1	1
46	PHOTID SPA	1						1	1
47	AMPHIPOD SPA				1			1	1
48	EUCHONE ROSEA				1			1	1
49	ALPHEIDAE						1	1	1
50	PARDALISCID SPA				1			1	1
	NO. OF SPECIES	16	10	12	12	17	17		
	NO. OF INDIVIDUALS	39	17	20	18	29	25	148	

STATION TRANSECT SPECIES INDIVIDUALS DIVERSITY RIE EQUITABILITY

TABLE 4 CONT.'D

STATION 1 TRANSECT HR PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	45		59	102	20	26	252	5
2	SIPUNCULA	18	9	23	27	17	83	177	6
3	NEMERTINEA	31	9	32	4	10	35	121	6
4	PARAMPHINOME PULCHELLA	12	6	45	9	9	7	88	6
5	PALEANOTUS HETEROSETA	14	7	17	15	2	10	65	6
6	THYASIRA SP	3	3	11		8	16	41	5
7	MEDIOMASTUS CALIFORNIENSIS	3	4	8	6	6	10	37	6
8	ANTHURID SPA	19	2	1	10	4		36	5
9	SYLLIS FERRUGINA	3		9	10	1	5	28	5
10	CHLOEIA VIRIDIS	11	4	4	5		4	28	5
11	CORBULA CF CONTRACTA		2	16		5	3	26	4
12	EXOGONE SPA	8			13	4	1	26	4
13	LEPTOCHELIA SP	13		6	2		3	24	4
14	THARYX MARIONI	1	4	8	2	1	7	23	6
15	PARAONIS GRACILIS	3		6	9	1	3	22	5
16	MALDANIDAE	6	4		3	3	4	20	5
17	AMYGDALUM PAPYRIUM					3	16	19	2
18	AGLAOPHAMUS CIRCINATA	1	1		7	5	5	19	5
19	NOTOMASTUS CF AMERICANUS	12		3	1	3		19	4
20	OLIGOCHAETA	4			2	2	10	18	4

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SPIONIDAE	3	3	2	3	1	5	17	6
22	PARAONIDES LYRA	1	2		8	3	3	17	5
23	HETEROPHOXUS CF OCULATUS	7	5	2	1			15	4
24	STHENOLEPIS CF JAPONICA	2	3	3	3		1	12	5
25	AMPHARETIDAE	1		1	2	2	5	11	5
26	CAULLERIELLA SPB	2		3	4		2	11	4
27	SPIOPHANES LONGICIRRUS				8		1	9	2
28	PITAR CORDATUS		1	6		1	1	9	4
29	SCHISTOMERINGOS RUDOLPHI	3			1	1	3	8	4
30	AMPHARETE AMERICANA	2		2	4			8	3
31	ABRA AEQUALIS		1			6		7	2
32	SYLLIS SPA	3		2	2			7	3
33	SPIOCHAETOPTERUS COSTARUM	1	1	1	4			7	4
34	OPHIUROIDEA			3	1	1	2	7	4
35	APSEUDES SPB				3		3	6	2
36	SPHAEROSYLLIS CF FORTUITA				5		1	6	2
37	NEREID SPB	2			3		1	6	3
38	OSTRACOD SPD	1		1	3		1	6	4
39	PROCESSA HEMPHILLI					4	2	6	2
40	ASYCHIS CAROLINAE					6		6	1
41	SAMYTHELLA ELIASONI	3				3		6	2
42	EXOGONE CF GEMMIFERA			5			1	6	2
43	SPIOPHANES WIGLEYI	1		1			3	5	3
44	AMPELISCA ABDITA		1		2		2	5	3
45	CHAETOZONE SETOSA		1				4	5	2
46	NEPHTYIDAE		1	2		2		5	3
47	STENOLEPIS SP					5		5	1
48	STHENELAIS BOA		2	2			1	5	3
49	PHILINE SAGRA		2		1	2		5	3
50	NEREIDAE	1				4		5	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SYNELMIS SPA			2	2	1		5	3
52	CALLIANASSA SP			2		3		5	2
53	POLYNOIDAE				3		1	4	2
54	HARMOTHOE TRIMACULATA					2	2	4	2
55	GYPTIS VITTATA	1		1		1	1	4	4
56	TEREBELLIDES STROEMII		1		2	1		4	3
57	NOTOMASTUS LATERICEUS			2	2			4	2
58	GLYCERA TESSELATA			2	1		1	4	3
59	GOULDIA CERINA			3			1	4	2
60	ERYCINA SP	1	1			2		4	3
61	PHYLLODOCE MUCOSA	1	1	2				4	3
62	PARANDALIA INDICA				3			3	1
63	ASYCHIS ELONGATA	2			1			3	2
64	AUTOMATE EVERMANNI		1			1	1	3	3
65	CERIANTHARIA SPA					3		3	1
66	PRIONOSPIO STEENSTRUPI	2	1					3	2
67	POECILOCHAETUS JOHNSONI		1			1	1	3	3
68	OWENIA FUSIFORMIS		1		1		1	3	3
69	CUMACEAN SPH	1		2				3	2
70	SPIOPHANES SP		3					3	1
71	CALYPTRAEA CENTRALIS			1	1		1	3	3
72	AMPHARETE ACUTIFRONS						3	3	1
73	EXOGONE DISPAR			3				3	1
74	TELLINA SP						3	3	1
75	LAONICE CIRRATA	1			2			3	2
76	MEIODORVILLEA SPA	1			2			3	2
77	NOTOMASTUS CF LATERICEUS		1				2	3	2
78	SYLLIS CF ANOPS						2	2	1
79	CIRRATULID-B				1		1	2	2
80	SABELLIDAE		1			1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	LEPTOCHELA SERRATORBITA				1		1	2	2
82	BRANIA FURCELLIGERA				2			2	1
83	COROPHIOID SPA		1	1				2	2
84	AMPHICTEIS GUNNERI					2		2	1
85	SUBADYTE SPA					1	1	2	2
86	CHONE SPA		1				1	2	2
87	SERPULA VERMICULARIS				2			2	1
88	CIRROPHORUS LYRIFORMIS	2						2	1
89	CF PROGONIADA SP	2						2	1
90	EUCHONE ROSEA		2					2	1
91	SCUTOPUS SPA				1	1		2	2
92	PARANDALIA OCULARIS		1			1		2	2
93	CORBULA CYMELLA			1		1		2	2
94	BRYOZOA			1			1	2	2
95	STERNASPIS SCUTATA				1		1	2	2
96	EURYSYLLIS SPA			1		1		2	2
97	ONUPHIDAE		1		1			2	2
98	GONEPLACIDAE	1		1				2	2
99	POLYCHAETE SPA	1			1			2	2
100	AMAEANA TRILOBATA			1			1	2	2
101	PARAONIDAE			2				2	1
102	HARMOTHOE SP			2				2	1
103	RETUSIDAE						2	2	1
104	MINUSPIO LONGIBRANCHIATA	1		1				2	2
105	ASYCHIS SP			2				2	1
106	DENTALIUM SOWERBYI				1		1	2	2
107	EBALIA STIMPSONI				1			1	1
108	SIGAMBRA TENTACULATA						1	1	1
109	HYDROIDES PROTULICOLA		1					1	1
110	NEREIS CF RIISEI			1				1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	LUCINA MULTILINEATA		1					1	1
112	RUTIDERMA SPA						1	1	1
113	GLYCERIDAE	1						1	1
114	POTAMILLA RENIFORMIS				1			1	1
115	MODIOLUS AMERICANUS					1		1	1
116	DORVILLEIDAE			1				1	1
117	CRASSINELLA MARTINICENSIS	1						1	1
118	LYSIDICE NINETTA					1		1	1
119	CHONE CF AMERICANA				1			1	1
120	ARICIDEA JEFFREYSII	1						1	1
121	SERPULIDAE				1			1	1
122	EUNICE VITTATA		1					1	1
123	CHONE FILICAUDATA						1	1	1
124	ARABELLA IRICOLOR					1		1	1
125	POLYODONTES LUPINA	1						1	1
126	EUNICE SPA						1	1	1
127	CAULLERIELLA SPA	1						1	1
128	PROCESSIDAE	1						1	1
129	SIGAMBRA BASSI			1				1	1
130	ONUPHIS PERUANA	1						1	1
131	CIRROPHORUS BRANCHIATUS	1						1	1
132	DIPLODONTA CF SOROR	1						1	1
133	PARASTEROPE SPP		1					1	1
134	NUCULANA ACUTA	1						1	1
135	MICROSPIO PIGMENTATA				1			1	1
136	ONUPHIS SPA						1	1	1
137	HYPSICOMUS CF PHAEOTAENIA				1			1	1
138	ARICIDEA TAYLORI			1				1	1
139	SCLEROCONCHA SPA			1				1	1
140	ANCISTROSYLLIS GROENLANDICA			1				1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	NATICA SP			1				1	1
142	LOIMIA MEDUSA					1		1	1
143	HYDROZOA						1	1	1
144	PAGURINAE		1					1	1
145	VOLVULELLA RECTA			1				1	1
146	ALIGENA TEXASIANA						1	1	1
147	GONIADA TERES					1		1	1
148	DORVILLEA SOCIABILIS					1		1	1
149	PELECYPOD SPA			1				1	1
150	VAUNTHOMPSONIA SP	1						1	1
151	NEMATONEREIS UNICORNIS		1					1	1
152	OSTRACOD SPGG			1				1	1
153	MINUSPIO CIRRIFERA			1				1	1
154	POLYDORA CF SOCIALIS					1		1	1
155	SARSIELLA SPH	1						1	1
156	SCOLOPLOS RUBRA			1				1	1
157	GLYCERA PAPILLOSA			1				1	1
158	PARAONIS SPA					1		1	1
159	THARYX FILIBRANCHIA					1		1	1
160	CLYTIA LONGICYATHA					1		1	1
161	LYSIANASSID SPB	1						1	1
162	COSSURA DELTA		1					1	1
163	ACTINARIA SPC			1				1	1
164	GNATHIA SP						1	1	1
165	CAPRELLID					1		1	1
166	HESIONIDAE	1						1	1
167	SICYONIA SP						1	1	1
168	EXOGONE VERUGERA	1						1	1
169	OPHIODROMUS OBSCURUS						1	1	1
170	AMAEANA ACCRAENSIS						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
171	NEPHTYS INCISA		1					1	1
	NO. OF SPECIES	61	47	64	61	59	70		
	NO. OF INDIVIDUALS	272	104	331	322	179	331	1539	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	HR	171	1539	5.4612	.9437	.3918

TABLE 4 CONT.'D

STATION 2 TRANSECT HR PERIOD FALL 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PITAR CORDATUS	14		5	29	10	6	64	5
2	PARAONIS SPA		3	3	7	5		18	4
3	COSSURA DELTA	1	1	1	6		2	11	5
4	NEMERTINEA		2	1	3	3		9	4
5	ABRA AEQUALIS	1			7			8	2
6	SIGAMBRA TENTACULATA	1	2	1	1		2	7	5
7	HIPPOMEDON CF SERRATUS	7						7	1
8	MAGELONA LONGICORNIS	2		1	1		2	6	4
9	NEPHTYS INCISA	2		1	1	1	1	6	5
10	SPIONIDAE	3			1	2		6	3
11	CORBULA CF CONTRACTA	3			1	1		5	3
12	AMPELISCA SPA		1	2	1	1		5	4
13	OPHIUROIDEA	1			3			4	2
14	THYASIRA SP	2				2		4	2
15	AMYGDALUM PAPYRIUM	2		1	1			4	3
16	SCUTOPUS SPA	1		2		1		4	3
17	THARYX MARIONI			2			1	3	2
18	NOTOMASTUS CF LATERICEUS					2		2	1
19	AEDICIRA BELGICAE				1		1	2	2
20	YOLDIA SOLENOIDES				2			2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	EUCHONE ROSEA			2				2	1
22	RANINOIDES LAMARCKI			1	1			2	2
23	SABELLIDAE					2		2	1
24	AUTOMATE EVERMANNI	1				1		2	2
25	CHLOEIA VIRIDIS						2	2	1
26	PARAONIDES LYRA	2						2	1
27	PARAONIDAE	2						2	1
28	PARAONIS GRACILIS	2						2	1
29	LUMBRINERIS PARVAPEDATA				1			1	1
30	AMPELISCA VERRILLI					1		1	1
31	SIPUNCULA						1	1	1
32	PARAMPHINOME PULCHELLA						1	1	1
33	AMPHIPOD SPA					1		1	1
34	HYDROZOA	1						1	1
35	STERNASPIS SCUTATA				1			1	1
36	LUMBRINERIS ALBIDENTATA						1	1	1
37	FLABELLIGERIDAE		1					1	1
38	NATICA PUSILLA	1						1	1
39	NEREID(NICON) SPA					1		1	1
40	ARMANDIA MACULATA						1	1	1
41	PARAPRIONOSPIO PINNATA	1						1	1
42	ANACHIS CALLIGLYPTA					1		1	1
43	LEPTOCHELIA SP				1			1	1
44	OPHIODROMUS OBSCURUS				1			1	1
45	GONIADA LITTOREA		1					1	1
46	PLATYHELMINTHES	1						1	1
47	POLYNOIDAE			1				1	1
48	ACLIS SPA				1			1	1
49	CHAETOZONE SETOSA	1						1	1
50	OSTRACOD SPHH	1						1	1
	NO. OF SPECIES	23	7	14	21	16	12		
	NO. OF INDIVIDUALS	53	11	24	71	35	21	215	

TABLE 4 CONT.'D

STATION 1 TRANSECT SB PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	HETEROPHOXUS CF OCULATUS	3		4	4	1		12	4
2	RISSOINA CANCELLATA				7			7	1
3	GNATHIA SP			1		4		5	2
4	SIPUNCULA		1		2		1	4	3
5	METAPHOXUS CF FREQUENS			1	3			4	2
6	NEREID SPB	1			2	1		4	3
7	PARALACYDONIA PARADOXA		1	1		2		4	3
8	COSSURA DELTA	1	1				1	3	3
9	PHERUSA SP	3						3	1
10	NEPHTYS INCISA				1		2	3	2
11	NEPHTYIDAE	1		1		1		3	3
12	NEREID(NICON) SPA				1	1		2	2
13	POLYNOIDAE				2			2	1
14	OPHIUROIDEA	1			1			2	2
15	PARAONIS SPA			1			1	2	2
16	OWENIA FUSIFORMIS				1	1		2	2
17	PARAONIS GRACILIS		1		1			2	2
18	NOTOMASTUS CF LATERICEUS				1			1	1
19	SPIONIDAE				1			1	1
20	CORBULA CF CONTRACTA				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	DENTALIUM SOWERBYI				1			1	1
22	NOTOMASTUS CF AMERICANUS						1	1	1
23	CIRRATULIDAE	1						1	1
24	SIGAMBRA TENTACULATA				1			1	1
25	STERNASPIS SCUTATA	1						1	1
26	OBELIA SPA			1				1	1
27	ALPHEUS AMBLYONYX			1				1	1
28	HEMICYCLOPS SP			1				1	1
29	MALDANIDAE	1						1	1
30	THARYX MARIONI						1	1	1
31	EUCRATODES AGASSIZI						1	1	1
32	ONUPHIS SPA	1						1	1
33	NOTOMASTUS LATERICEUS						1	1	1
34	PROCESSIDAE						1	1	1
35	PARAMPHINOME PULCHELLA					1		1	1
36	NEMERTINEA	1						1	1
37	NINOE NIGRIPES						1	1	1
38	AEDICIRA BELGICAE						1	1	1
39	CHLOEIA VIRIDIS						1	1	1
40	CALLIANASSA SP				1			1	1
41	AMPHARETIDAE					1		1	1
42	MAGELONA SPA				1			1	1
43	SPIOPHANES LONGICIRRUS	1						1	1
44	POECILOCHAETUS JOHNSONI				1			1	1
45	PARAONIDES LYRA	1						1	1
	NO. OF SPECIES	13	4	9	19	9	12		
	NO. OF INDIVIDUALS	17	4	12	33	13	13	92	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PTE	EQUITABILITY
1	SB	45	92	5.0395	.9668	1.0444

TABLE 4 CONT.'D

STATION 2 TRANSECT SB PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ABRA AEQUALIS	1	2		8			11	3
2	SCUTOPUS SPA	1	1	1	1	7		11	5
3	CORBULA CF CONTRACTA		2		7			9	2
4	SIGAMBRA TENTACULATA	1	2	3	1			7	4
5	PARAONIS GRACILIS	2		3	1			6	3
6	NEMERTINEA			2	2	1		5	3
7	MEDIOMASTUS CALIFORNIENSIS			2	1	2		5	3
8	COSSURA DELTA	1	2			1	1	5	4
9	MAGELONA LONGICORNIS		2	1	1			4	3
10	GNATHIA SP				4			4	1
11	PITAR CORDATUS	1	2					3	2
12	PARALACYDONIA PARADOXA	1			1	1		3	3
13	PARAONIDES LYRA	1		2				3	2
14	POLYNOIDAE		2		1			3	2
15	THARYX MARIONI					2	1	3	2
16	PARAMPHINOME PULCHELLA			1	2			3	2
17	THARYX SPB			1	2			3	2
18	MINUSPIO CIRRIFERA		2					2	1
19	NEREIS SPA				2			2	1
20	STHENELAIS BOA				2			2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SOLEMYA SPA					2		2	1
22	VOLVULELLA TEXASIANA			1			1	2	2
23	ARMANDIA MACULATA	1		1				2	2
24	AEDICIRA BELGICAE						1	1	1
25	GLYCERA TESSELATA				1			1	1
26	OPHIUROIDEA	1						1	1
27	ALPHEUS SP					1		1	1
28	ARCIDAE				1			1	1
29	PARAONIS SPA				1			1	1
30	NEPHTYIDAE						1	1	1
31	SPIOPHANES LONGICIRRUS		1					1	1
32	THYASIRA SP		1					1	1
33	LUMBRINERIS TENUIS						1	1	1
34	ARICIDEA JEFFREYSII		1					1	1
35	ACLIS SPA				1			1	1
36	OBELIA SPA				1			1	1
37	YOLDIA SOLENOIDES				1			1	1
38	AMPHINOMIDAE					1		1	1
39	SYNCHELIDIUM CF AMERICANUM			1				1	1
40	PILARGIS BERKELYAE			1				1	1
41	HIPPOMEDON CF SERRATUS	1						1	1
42	MINUSPIO LONGIBRANCHIATA					1		1	1
43	NINOE NIGRIPES				1			1	1

NO. OF SPECIES		11	12	13	22	10	6
NO. OF INDIVIDUALS		12	20	20	43	19	6

120

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
2	SB	43	120	4.9492	.9648	1.0233

TABLE 4 CONT.'D

STATION 1 TRANSECT HR PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SIPUNCULA	1	24	79	22	8	15	149	6
2	SPHAEROSYLLIS CF SUBLAEVIS	9	25		17	8	39	98	5
3	LAONICE CIRRATA	3	12		15	12	34	76	5
4	CHLOEIA VIRIDIS	2	11		27	18	11	69	5
5	OLIGOCHAETA	6	8		20	25	10	69	5
6	NEMERTINEA	7	9		9	9	28	62	5
7	PARAMPHINOME PULCHELLA	5	15		2	10	26	58	5
8	PALEANOTUS HETEROSETA	2	13	3	9	15	15	57	6
9	ANTHURID SPA	2	10		1	16	12	41	5
10	SYLLIS SPA	1	4		5	8	14	32	5
11	HETEROPHOXUS CF OCULATUS		13		5	4	6	28	4
12	SPIOPHANES LONGICIRRUS	2	4		7		9	22	4
13	MEDIOMASTUS CALIFORNIENSIS		9		6	4	3	22	4
14	EXOGONE SPA	3			5	1	8	17	4
15	MALDANIDAE	1	2		4	5	3	15	5
16	PARAONIS GRACILIS		3		6	5	1	15	4
17	SCHISTOMERINGOS RUDOLPHI		5		3	2	4	14	4
18	OPHIUROIDEA				11	2	1	14	3
19	EXOGONE DISPAR	1	4		1	1	4	11	5
20	NEPHTYIDAE		1		4	1	5	11	4

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	NOTOMASTUS CF AMERICANUS		5		1	1	3	10	4
22	PARAONIDES LYRA	1	1		3	3	1	9	5
23	CHONE CF AMERICANA		3		3	2	1	9	4
24	SPIOPHANES WIGLEYI				2	7		9	2
25	BRANIA FURCELLIGERA				2	4	3	9	3
26	RUTIDERMA SPA		2		2	2	2	8	4
27	STHENOLEPIS CF JAPONICA	1			2	3	2	8	4
28	SYLLIS FERRUGINA		2				5	7	2
29	ABRA AEQUALIS		2		2	3		7	3
30	THYASIRA SP		3		2	2		7	3
31	AMPELISCA CF CRISTATA		1		5	1		7	3
32	LUMBRINERIS PARVAPEDATA		2		2	2	1	7	4
33	EURYSYLLIS SPA		1		5			6	2
34	STHENELAIS BOA		1		2		3	6	3
35	AMPHARETE CF AMERICANA		5		1			6	2
36	THARYX MARIONI	2	2				2	6	3
37	AMPHARETIDAE	2	1		1	1	1	6	5
38	MEIODORVILLEA SPA		1		1	4		6	3
39	GONIADIDES CAROLINAE	1			1	4		6	3
40	PITAR CORDATUS				5	1		6	2
41	CORBULA CF CONTRACTA	1	1	1	2	1		6	5
42	PARAONIS SPA		2		1	2		5	3
43	SAMYTHELLA CF ELIASONI		3			1	1	5	3
44	AMAEANA TRILOBATA				1		4	5	2
45	SPIONIDAE				1		4	5	2
46	CAULLERIELLA SPB	1	1		2		1	5	4
47	LEPTOCHELIA SP				3	2		5	2
48	MINUSPIO LONGIBRANCHIATA				3		2	5	2
49	VENERIDAE				5			5	1
50	MINUSPIO CIRRIFERA		2			1	1	4	3

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	CERIANTHARIA SPA					2	2	4	2
52	GNATHIA SP		2		1		1	4	3
53	EUNICID SPA	1			2		1	4	3
54	ARICIDEA JEFFREYSII		3				1	4	2
55	PROCESSA HEMPHILLI						4	4	1
56	POLYCHAETE SPA		1		1		2	4	3
57	APSEUDES SPB					3	1	4	2
58	GLYCERA TESSELATA				1	3		4	2
59	NOTOMASTUS CF LATERICEUS	2	1			1		4	3
60	SABELLIDAE				1	1	2	4	3
61	APISTOBRANCHUS TYPICUS				2	1	1	4	3
62	PRIONUSPIO STEENSTRUPI				2	1	1	4	3
63	SPHAEROSYLLIS CF FORTUITA				2	2		4	2
64	EUNICE VITTATA				3		1	4	2
65	SPIOCHAETOPTERUS COSTARUM	1	1		1			3	3
66	TELLINA SP					2	1	3	2
67	POECILOCHAETUS JOHNSONI					3		3	1
68	PRIONOSPIO CRISTATA		1		1		1	3	3
69	GYPTIS VITTATA		2		1			3	2
70	CALYPTRAEA CENTRALIS		3					3	1
71	EXOGONE CF GEMMIFERA		3					3	1
72	MARPHYSA SPC						3	3	1
73	THYASIRA SPA						3	3	1
74	GONEPLACIDAE				1	1	1	3	3
75	SYNELMIS SPA				1	2		3	2
76	HARMOTHOE TRIMACULATA	3						3	1
77	SYNCHELIDIUM CF AMERICANUM				3			3	1
78	APOPRIONOSPIO PYGMAEA						3	3	1
79	THARYX ANNULOSUS		1		2			3	2
80	HYDROIDES PROTULICOLA					3		3	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	BRYOZOA		1			1	1	3	3
82	NOTOMASTUS HEMIPODUS					2		2	1
83	ASYCHIS ELONGATA				2			2	1
84	CORBULA CYMELLA		1				1	2	2
85	ERYCINA SP		2					2	1
86	CHAETOPTERIDAE					2		2	1
87	SYLLIS HYALINA						2	2	1
88	AUTOMATE EVERMANNI	1			1			2	2
89	HOLOTHUROIDEA						2	2	1
90	OPHIODROMUS OBSCURUS		1		1			2	2
91	CERATONEREIS MIRABILIS		1				1	2	2
92	SAMYTHELLA ELIASONI				1	1		2	2
93	PHOLOE SPA				1	1		2	2
94	ONUPHIS PERUANA				1		1	2	2
95	ONUPHIS SPA					2		2	1
96	ONUPHIDAE		1		1			2	2
97	AMPELISCA ABDITA		1				1	2	2
98	SERPULIDAE		1		1			2	2
99	NEREIDAE		1			1		2	2
100	PHOTIS SP				2			2	1
101	ERYCINA SPA						2	2	1
102	PHYLLODOCE MUCOSA						2	2	1
103	AMYGDALUM PAPYRIUM				1			1	1
104	CAPITELLID SPC	1						1	1
105	TRYPANOSYLLIS SPA					1		1	1
106	PARAONIDAE					1		1	1
107	NOTOMASTUS LATERICEUS					1		1	1
108	ERIOPISA SPB				1			1	1
109	AMPELISCA SP		1					1	1
110	ARMANDIA MACULATA		1					1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	EULALIA BILINEATA				1			1	1
112	UNCIMENIA SPA	1						1	1
113	CRASSINELLA MARTINICENSIS					1		1	1
114	LOVENELLA GRANDIS						1	1	1
115	SIGAMBRA TENTACULATA		1					1	1
116	LOIMIA MEDUSA					1		1	1
117	OSTRACOD SPGG					1		1	1
118	NEREID SPB		1					1	1
119	EUCLYMENE CF LOMBRICOIDES		1					1	1
120	ONUPHIS SPF						1	1	1
121	CAPRELLID				1			1	1
122	NEREIS CF RIISEI						1	1	1
123	CIRROPHORUS BRANCHIATUS					1		1	1
124	AMPHIPOD SPA				1			1	1
125	CHAETOZONE GAYHEADIA						1	1	1
126	ONUPHIS SPI		1					1	1
127	AMPHARETE AMERICANA				1			1	1
128	EUCHONE ROSEA		1					1	1
129	CERATOCEPHALE LOVENI					1		1	1
130	FILOGRANA IMPLEXA						1	1	1
131	SARSIELLA SPH				1			1	1
132	HESIONIDAE				1			1	1
133	CALYPTOBLASTEA				1			1	1
134	NOTOMASTUS AMERICANUS		1					1	1
135	EUNICE SPA	1						1	1
136	RUTIDERMA SPD				1			1	1
137	SYLLID SPA				1			1	1
138	ARCIDAE				1			1	1
139	CALLIANASSA SP						1	1	1
140	CHONE FILICAUDATA	1						1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	EUNICID SPB					1		1	1
142	NATICA PUSILLA						1	1	1
143	METAPENAEOPSIS SP						1	1	1
144	AGLAOPHAMUS CIRCINATA	1						1	1
145	GONIADIDAE						1	1	1
146	ASYCHIS CAROLINAE		1					1	1
147	NEREID(NICON) SPA						1	1	1
148	THARYX DORSOBRANCHIALIS	1						1	1
149	CAMPANULARIDAE						1	1	1
150	GLYCERA SPA		1					1	1
151	SYLLIS GRACILIS		1					1	1
152	HARMOTHOE IMBRICATA		1					1	1
153	LEUCOSIIDAE				1			1	1
154	CERATONEREIS IRRITABILIS						1	1	1
155	OPLORHIZA CF PARVULA		1					1	1
156	ACROCIRRID SP						1	1	1
157	AMPELISCA AGASSIZI					1		1	1
158	MODIOLUS AMERICANUS						1	1	1
159	AEDICIRA BELGICAE					1		1	1
160	SYLLIDAE		1					1	1
	NO. OF SPECIES	32	71	3	84	70	77		
	NO. OF INDIVIDUALS	68	255	83	288	247	341	1282	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
1	HR	160	1282	5.7066	.9611	.5000

TABLE 4 CONT.'D

STATION 2 TRANSECT HR PERIOD NOVEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	PARAONIS SPA			3	3	6	1	13	4
2	PITAR CORDATUS	3			1	7		11	3
3	NEMERTINEA	1	2		2	4		9	4
4	ABRA AEQUALIS	3		2		1		6	3
5	MAGELONA LONGICORNIS	1	1	2	1	1		6	5
6	AMYGDALUM PAPYRIUM	2		1	1	2		6	4
7	PARAONIS GRACILIS		2			1	2	5	3
8	COSSURA DELTA		1		1	2		4	3
9	LUMBRINERIS PARVAPEDATA					4		4	1
10	THYASIRA SPA					4		4	1
11	THARYX MARIONI	1			1	1	1	4	4
12	NEPHTYS INCISA					1	2	3	2
13	PHYLLODOCE MUCOSA					2	1	3	2
14	AUTOMATE EVERMANNI	1				1		2	2
15	POLYCHAETE SPA					2		2	1
16	ACLIS SPA						2	2	1
17	STERNASPIS SCUTATA				1	1		2	2
18	SIGAMBRA TENTACULATA	1					1	2	2
19	SIPUNCULA	2						2	1
20	YOLDIA SOLENOIDES	1				1		2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	STHENELAIS BOA					1		1	1
22	LIMNORIA SP	1						1	1
23	OPHIUROIDEA	1						1	1
24	ASYCHIS ELONGATA						1	1	1
25	PARAMPHINOME PULCHELLA	1						1	1
26	ARMANDIA MACULATA		1					1	1
27	NEREID(NICON) SPA		1					1	1
28	METAPHOXUS CF FREQUENS	1						1	1
29	HETEROSPIO LONGISSIMA	1						1	1
30	LUMBRINERIS TENUIS					1		1	1
31	OBELIA SPA						1	1	1
32	MALDANIDAE	1						1	1
33	ERIOPISA SPB			1				1	1
34	CORBULA CF CONTRACTA					1		1	1
35	SYNCHELIDIUM CF AMERICANUM						1	1	1
36	MEDIOMASTUS CALIFORNIENSIS					1		1	1
37	POLYNOIDAE					1		1	1
38	LYONSIA HYALINA FLORIDANA					1		1	1
39	EUCHONE ROSEA					1		1	1
40	PHOTIS MACROMANUS					1		1	1
41	LOVENELLA GRANDIS					1		1	1
42	GLYCERA TESSELATA					1		1	1
43	OSTRACOD SPY					1		1	1

NO. OF SPECIES		16	6	5	8	28	10
NO. OF INDIVIDUALS		22	8	9	11	52	13
STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY	
2	HR	43	115	4.8680	.9602	1.0000	

TABLE 4 CONT.'D

STATION 3 TRANSECT SB PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	SPHAEROSYLLIS CF SUBLAEVIS	69	82	82	8	44	17	302	6
2	PITAR CORDATUS	7	79	50	19	58	12	225	6
3	SIPUNCULA	14	40	17	11	14	4	100	6
4	PARAMPHINOME PULCHELLA	23	12	2	1	11	15	64	6
5	PALEANOTUS HETEROSETA	18	16	11	4	7	1	57	6
6	NEMERTINEA	3	11	13	2	8	5	42	6
7	GLYCERA TESSELATA	8	9		2	10	8	37	5
8	SARSIELLA SPB	8	6	7	2	6	6	35	6
9	LAONICE CIRRATA		11	7	1	4	8	31	5
10	SPIONIDAE	3	3	5	5	8	1	25	6
11	HETEROPHOXUS CF OCULATUS	4	7			8	6	25	4
12	SYLLIS FERRUGINA	3	6	10		4		23	4
13	OPHIUROIDEA	7	7		2	3	3	22	5
14	AMYGDALUM PAPYRIUM	1	12	2		3	3	21	5
15	DENTALIUM SOWERBYI	6	9	3		1		19	4
16	SPIOPHANES WIGLEYI		6		4	6	1	17	4
17	THARYX MARIONI	7	4	3		2		16	4
18	SPIOPHANES LONGICIRRUS	2	4	3		1	4	14	5
19	THYASIRA SPA	1	3	5		1	3	13	5
20	GONEPLACIDAE	4	2	4	1	1		12	5

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	MALDANIDAE	1	5	2		1	3	12	5
22	PARADONIS GRACILIS	2	5	1	1		2	11	5
23	MAGELONA SPA	5			2	3	1	11	4
24	EXOGONE SPA		7	4				11	2
25	GLYCERIDAE			11				11	1
26	ONUPHIS SPA	1	3	1	4	1		10	5
27	MEDIOMASTUS CALIFORNIENSIS	1	1	3		3	2	10	5
28	EXOGONE DISPAR		1	3		6		10	3
29	CORBULA CF CONTRACTA	3	1	3			2	9	4
30	AGLAOPHAMUS CIRCINATA		5	1	1		2	9	4
31	FABRICIA SPA		1	1		5	1	8	4
32	POLYCHAETE SPA		2	1	1	1	2	7	5
33	PARADONIDES LYRA		3	2		1	1	7	4
34	MINUSPIO CIRRIFERA		1	2		4		7	3
35	NOTOMASTUS CF LATERICEUS			3	1		3	7	3
36	BRACHIOPOD SPA		1	3	1		2	7	4
37	ONUPHIS SPF	1	1	1		2	1	6	5
38	ABRA AEQUALIS		2	1		1	2	6	4
39	STHENOLEPIS CF JAPONICA	1				4	1	6	3
40	ANTHURID SPA	2		1		1	2	6	4
41	POLYDORA CF HARTMANAE			3			3	6	2
42	ERYCINA SPA		1	1		1	3	6	4
43	NEPHTYIDAE	2				3		5	2
44	OLIGOCHAETA		3	1		1		5	3
45	SCHISTOMERINGOS RUDOLPHI		4			1		5	2
46	CHLOEIA VIRIDIS	2		1	1	1		5	4
47	SARSIELLA CF OZOTHRIX					3	1	4	2
48	PARANDALIA OCULARIS	3				1		4	2
49	SYLLIS SPB	3			1			4	2
50	DIPLODONTA SPA		2	1			1	4	3

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	SPIOPHANES SP		2				2	4	2
52	COSSURA DELTA	1	1	1		1		4	4
53	OWENIA FUSIFORMIS		2				2	4	2
54	OSTRACOD SPGG		3	1				4	2
55	NOTOMASTUS CF AMERICANUS		4					4	1
56	AMPELISCA ABDITA	2			1	1		4	3
57	RUTIDERMA SPA					2	1	3	2
58	SPIOPHANES BOMBYX					3		3	1
59	PLATYHELMINTHES					2	1	3	2
60	POLYNOIDAE	1	1		1			3	3
61	PARAONIS SPA	1	2					3	2
62	LUMBRINERIS PARVAPEDATA	3						3	1
63	STHENELAIS BOA		1			1	1	3	3
64	SPHAEROSYLLIS CF FORTUITA		2	1				3	2
65	SERPULA VERMICULARIS		2	1				3	2
66	POLYDORA SP		3					3	1
67	CRASSINELLA MARTINICENSIS		3					3	1
68	FINELLA DUBIA					3		3	1
69	SPIOCHAETOPTERUS COSTARUM			1		2		3	2
70	LEPTOCHELIA SP	2					1	3	2
71	RUTIDERMA SPD		1	1	1			3	3
72	ARMANDIA MACULATA	1					2	3	2
73	SARSIELLA SPF	2						2	1
74	HARMOTHOE IMBRICATA		1	1				2	2
75	SCLEROCONCHA SPA	1	1					2	2
76	SIGAMBRA BASSI		1			1		2	2
77	NEREID(NICON) SPA						2	2	1
78	AMPHARETIDAE		1				1	2	2
79	NEREIDAE		1			1		2	2
80	SARSIELLA SPK		2					2	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
81	PRIONOSPIO STEENSTRUPI		2					2	1
82	AEDICIRA BELGICAE					2		2	1
83	ONUPHIDAE			1	1			2	2
84	EUCHONE ROSEA			1			1	2	2
85	BRYOZOA			1	1			2	2
86	CALOCARIS OXYPLEURA	1			1			2	2
87	SCUTOPUS SPA	2						2	1
88	CALLIANASSA SP			1			1	2	2
89	CUMACEAN SPD	2						2	1
90	SYLLIS CF ANOPS		1			1		2	2
91	PIONOSYLLIS MALMGRENI		1	1				2	2
92	NEREIS SPB				2			2	1
93	GOULDIA CERINA		1					1	1
94	ARICIDEA JEFFREYSII					1		1	1
95	MINUSPIO LONGIBRANCHIATA				1			1	1
96	CUMACEAN SPC						1	1	1
97	CAPITELLIDAE					1		1	1
98	SARSIELLA SPH	1						1	1
99	NEREID SPH					1		1	1
100	POLYDORA CF CONCHARUM					1		1	1
101	NATICA PUSILLA				1			1	1
102	SYLLIS SPC						1	1	1
103	PECTINARIA GOULDII			1				1	1
104	LISTRIELLA SPA					1		1	1
105	ANOMALOCARDIA AUBERIANA		1					1	1
106	MACOMA TENTA				1			1	1
107	CERATOCEPHALE LOVENI		1					1	1
108	BRADA SP						1	1	1
109	OPHELIIDAE					1		1	1
110	LUMBRINERIDAE						1	1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
111	PHILINE SAGRA				1			1	1
112	PROCESSIDAE			1				1	1
113	HYDROIDES PROTULICOLA	1						1	1
114	DASYBRANCHUS SP			1				1	1
115	PELECYPOD SPC			1				1	1
116	EUNICE VITTATA			1				1	1
117	ECHINOIDEA			1				1	1
118	SYLLIS HYALINA			1				1	1
119	CORBULA KREBSIANA					1		1	1
120	ASTHENOTHAERUS CF HEMPHILLI						1	1	1
121	PHYLLODOCE MUCOSA	1						1	1
122	ONUPHIS NEBULOSA						1	1	1
123	SIGAMBRA TENTACULATA	1						1	1
124	NUCULANA PLATESSA	1						1	1
125	NOTOMASTUS AMERICANUS	1						1	1
126	NUCULANA ACUTA		1					1	1
127	SYLLIDAE	1						1	1
128	APSEUDES SPB				1			1	1
129	STERNASPIS SCUTATA						1	1	1
130	PYCNOGONIDA		1					1	1
131	ONUPHIS SPI						1	1	1
132	BRANIA FURCELLIGERA					1		1	1
133	LOIMIA MEDUSA					1		1	1
134	PARAPRIONOSPIO PINNATA	1						1	1
135	ANTHURID SPB			1				1	1
136	CALLIANASSA CF MARGINATA	1						1	1
137	TEREBELLIDES STROEMII						1	1	1
138	GLYCERA PAPILLOSA				1			1	1
139	CUMACEAN SPH					1		1	1
140	DIOPATRA TRIDENTATA	1						1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
141	FREVILLEA BARBATA	1						1	1
142	PECTINIDAE		1					1	1
143	EUPANTHALIS KINBERGI					1		1	1
144	CHAETOPTERIDAE		1					1	1
145	OPHIODROMUS OBSCURUS					1		1	1
146	ACTINARIA SPA						1	1	1
147	AMAEANA ACCRAENSIS		1					1	1
148	SERPULIDAE					1		1	1
149	SARSIELLID NSPD	1						1	1
150	CUSPIDARIA MEDIA		1					1	1
151	PODOCEROPSIS SP					1		1	1
152	AMPHARETE CF AMERICANA		1					1	1
153	EUNICID SPB		1					1	1
154	POMATOCEROS AMERICANUS		1					1	1
155	SABELLIDAE						1	1	1
	NO. OF SPECIES	55	73	59	35	66	57		
	NO. OF INDIVIDUALS	246	428	295	89	278	158	1494	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIF	EQUITABILITY
3	SB	155	1494	5.1490	.9241	.3484

TABLE 4 CONT.'D

STATION 4 TRANSECT SB PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	COSSURA DELTA	1	2	1	2	3		9	5
2	PITAR CORDATUS		3	4				7	2
3	SIPUNCULA	2	2	1		1		6	4
4	NEMERTINEA			3	1	1		5	3
5	PARAONIS SPA					3	2	5	2
6	MAGELONA SPA		1	1		1		3	3
7	GLYCERA TESSELATA		1	1		1		3	3
8	PARALACYDONIA PARADOXA		2		1			3	2
9	SIGAMBRA TENTACULATA		2				1	3	2
10	MAGELONA LONGICORNIS		2		1			3	2
11	THYASIRA SPA		1	1			1	3	3
12	PARAONIDES LYRA		1	1				2	2
13	PARAONIS GRACILIS		1	1				2	2
14	GNATHIA SP		2					2	1
15	AMYGDALUM PAPYRIUM						2	2	1
16	DENTALIUM SOWERBYI		1	1				2	2
17	HAPLOSCOLOPLOS FOLIOSUS			1		1		2	2
18	OPHIUROIDEA		1					1	1
19	NEPHTYS INCISA			1				1	1
20	EUCHONE ROSEA			1				1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	SOLEMYA SPA			1				1	1
22	NUCULANA ACUTA			1				1	1
23	AUTOMATE EVERMANNI			1				1	1
24	ONUPHIDAE		1					1	1
25	OPHIODROMUS OBSCURUS			1				1	1
26	NATICA SP	1						1	1
27	MALDANIDAE		1					1	1
28	RETUSIDAE						1	1	1
29	VENERIDAE		1					1	1
30	BRACHIOPOD SPA		1					1	1
31	SIGAMBRA WASSI		1					1	1
32	CHONE CF AMERICANA		1					1	1
33	CIRRATULID-B		1					1	1
34	NEPHTYIDAE						1	1	1
35	AMPELISCA ABDITA		1					1	1
36	OWENIA FUSIFORMIS	1						1	1
37	SPIONIDAE		1					1	1
38	PARDALISCID SPA		1					1	1
39	NEREIS SPA		1					1	1
40	PARAPRIONOSPIO PINNATA					1		1	1
41	ASYCHIS SP					1		1	1
42	AMPHARETIDAE						1	1	1
43	DRILONEREIS MAGNA						1	1	1
44	CALOCARIS OXYPLEURA						1	1	1
45	AEDICIRA HELGICAE						1	1	1
46	NEREID(NICON) SPA				1			1	1
47	CALLIANASSA SP					1		1	1
48	POLYCHAETE SPA						1	1	1
49	THARYX DORSOBRANCHIALIS					1		1	1
50	HYBLIS CF GAIMARDI				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
51	NINOE NIGRIPES					1		1	1
	NO. OF SPECIES	4	25	17	6	12	11		
	NO. OF INDIVIDUALS	5	33	22	7	16	13	96	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	SB	51	96	5.2662	.9746	1.0980

TABLE 4 CONT.'D

STATION 3 TRANSECT HR / PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	ABRA AEQUALIS	2	2	1	2	6	4	17	6
2	NEMERTINEA			6	1	2		9	3
3	NEPHTYS INCISA	2	1	1	2		1	7	5
4	RISSOINA CANCELLATA	2	1		2			5	3
5	SIGAMBRA TENTACULATA	1	2			2		5	3
6	NEREID(NICON) SPA				2	1	1	4	3
7	MAGELONA LONGICORNIS	1				2	1	4	3
8	PARAONIS GRACILIS		2			1	1	4	3
9	MEDIOMASTUS CALIFORNIENSIS		3			1		4	2
10	SPIONIDAE	1	1			2		4	3
11	SCOLOPOS SPA			2	1			3	2
12	THARYX ANNULOSUS	1	2					3	2
13	COSSURA DELTA				1	2		3	2
14	ALPHEUS AMBLYONYX		1			1	1	3	3
15	STHENELAIS BOA		1			1	1	3	3
16	CORBULA CF CONTRACTA	1		1		1		3	3
17	GNATHIA SP	1				1		2	2
18	PARAONIS SPA		1			1		2	2
19	PARALACYDONIA PARADOXA	1		1				2	2
20	POLYNOIDAE					1	1	2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	ARMANDIA MACULATA	1	1					2	2
22	AEDICIRA BELGICAE		1		1			2	2
23	LUMBRINERIS TENUIS				2			2	1
24	STERNASPIS SCUTATA			1		1		2	2
25	PELECYPOD SPA		1					1	1
26	YOLDIA SOLENOIDES	1						1	1
27	STHENOLEPIS CF JAPONICA			1				1	1
28	CAPITELLID SPC					1		1	1
29	HETEROPHOXUS CF OCULATUS	1						1	1
30	THARYX MARIONI					1		1	1
31	METAPHOXUS CF FREQUENS	1						1	1
32	BYBLIS CF GAIMARDI	1						1	1
33	ALPHEIDAE					1		1	1
34	PARAONIDES LYRA			1				1	1
35	NINOE NIGRIPES			1				1	1
36	LUMBRINERIS PARVAPEDATA					1		1	1
37	NEREIS SPA			1				1	1
38	PITAR CORDATUS	1						1	1
39	CHONE CF AMERICANA		1					1	1
40	CUMACEAN SPC						1	1	1
41	PHOTID SPA			1				1	1
42	AMYGDALUM PAPYRIUM			1				1	1
43	PARAMPHINOME PULCHELLA		1					1	1
44	THYASIRA SPA						1	1	1
	NO. OF SPECIES	16	16	13	9	20	10		
	NO. OF INDIVIDUALS	19	22	19	14	30	13	117	

TABLE 4 CONT.'D

STATION 4 TRANSECT HR PERIOD DECEMBER 1976

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
1	MAGELONA LONGICORNIS	1	6	7	2	1	3	20	6
2	COSSURA DELTA	2	1	1			6	10	4
3	SIPUNCULA	2		5		2		9	3
4	ABRA AEQUALIS			5	3			8	2
5	THYASIRA SPA				7			7	1
6	NEREIS SPA	2		3	1			6	3
7	RISSOINA CANCELLATA				1	4		5	2
8	NEREID SPB	1	2	1	1			5	4
9	PARAMPHINOME PULCHELLA	3				1		4	2
10	THARYX ANNULOSUS			1			2	3	2
11	PHOTID SPA			2			1	3	2
12	CORBULA CF CONTRACTA	1			2			3	2
13	PITAR CORDATUS				2	1		3	2
14	NEPHTYIDAE				2	1		3	2
15	SPIONIDAE		1		1		1	3	3
16	NEMERTINEA	2			1			3	2
17	MEDIOMASTUS CALIFORNIENSIS		1	1	1			3	3
18	PARAONIDAE	2						2	1
19	POLYCHAETE SPA	1	1					2	2
20	OPHIUROIDEA		1	1				2	2

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	OCCURRENCES
21	PHILOMEDES SPC	2						2	1
22	PARAONIS GRACILIS		1				1	2	2
23	HETEROPHOXUS CF OCULATUS				2			2	1
24	GNATHIA SP	2						2	1
25	STHENELAIS BOA					2		2	1
26	NEREIS SPB						2	2	1
27	METAPHOXUS CF FREQUENS	1				1		2	2
28	HARMOTHOE SP			1				1	1
29	HYDROZOA			1				1	1
30	DENTALIUM SOWERBYI	1						1	1
31	AMPELISCA ABDITA			1				1	1
32	NINOE NIGRIPES						1	1	1
33	EXOGONE SPA				1			1	1
34	THARYX MARIONI		1					1	1
35	ALPHEIDAE	1						1	1
36	SIGALIONIDAE		1					1	1
37	MALDANIDAE						1	1	1
38	POLYDORA SP		1					1	1
39	ALPHEUS AMBLYONYX					1		1	1
40	PHILINE SAGRA	1						1	1
41	NEPHTYS INCISA						1	1	1
42	COROPHIUM ASCHERUSICUM					1		1	1
43	AEDICIRA BELGICAE			1				1	1
44	LEPTOSTYLIS SP			1				1	1
45	OHELIA SPA					1		1	1
46	CHLOEIA VIRIDIS				1			1	1
47	PROCESSIDAE	1						1	1
48	NOTOMASTUS LATERICEUS				1			1	1
49	SAMYTHELLA CF ELIASONI				1			1	1
50	PARAONIDES LYRA				1			1	1

TABLE 4 CONT.'D

RANK	SPECIES	REPLICATE 1	2	3	4	5	6	TOTAL INDIVIDUALS	TOTAL OCCURRENCES
51	SCUTOPUS SPA						1	1	1
52	PARADNIS SPA			1				1	1
53	CRASSINELLA MARTINICENSIS		1					1	1
54	POLYNOIDAE				1			1	1
55	STERNASPIS SCUTATA			1				1	1
56	SIGAMBRA TENTACULATA		1					1	1
	NO. OF SPECIES	17	13	17	19	11	11		
	NO. OF INDIVIDUALS	26	19	34	32	16	20	147	

STATION	TRANSECT	SPECIES	INDIVIDUALS	DIVERSITY	PIE	EQUITABILITY
4	HR	56	147	5.1905	.9632	1.0000

APPENDIX H

DEMERSAL FISHES

List of Tables

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TABLE 1

CATCH DATA FOR ALL TRAWLS MADE IN 1976

Explanation of Table:

D Trawl - Day Trawl
N Trawl - Night Trawl

TRANSECT 1 STATION 1 D TRAWL 76WINTER
14 FEB 1976 SAMPLE AHBK
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCYLOPSETTA QUADROCELLATA	1	1.1
SPHOEROIDES PARVUS	1	2.5
PRIONOTUS RUBIO	3	12.3
TRICHIURUS LEPTURUS	2	15.4
ETROPUS CROSSOTUS	3	29.5
HAEMULON MACROSTOMUM	1	63.1
LARIMUS FASCIATUS	13	68.5
ANCHOA MITCHILLI	113	162.5
SYMPHURUS PLAGIUSA	9	166.1
CYNOSCION ARENARIUS	5	183.4
MICROPOGON UNDULATUS	232	294.2
CYNOSCION NOTHUS	164	1028.4
PEPRILUS BURTI	110	1097.9
TOTALS 13	655	3124.9

TRANSECT 1 STATION 1 N TRAWL 76WINTER
14 FEB 1976 SAMPLE AHBU
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNGNATHUS LOUISIANAE	2	.2
BREGMACEROS ATLANTICUS	4	2.4
ANCHOA HEPSETUS	2	3.0
PRIONOTUS RUBIO	8	5.2
LEPOPHIDIUM GRAELLSI	2	8.8
CITHARICHTHYS SPILOPTERUS	1	15.3
PEPRILUS BURTI	2	18.0
STACIUM GUNTERI	4	49.8
MICROPOGON UNDULATUS	31	67.8
LARIMUS FASCIATUS	12	78.3
ETROPUS CROSSOTUS	5	99.7
URUPHYCIS FLORIDANUS	1	234.2
CYNOSCION ARENARIUS	7	266.3
MENTICIRRHUS AMERICANUS	3	413.9
SYMPHURUS PLAGIUSA	37	576.9
CYNOSCION NOTHUS	306	1982.5
TOTALS 16	427	3820.3

TRANSECT 1 STATION 2 D TRAWL 76WINTER
15 FEB 1976 SAMPLE AHLX
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	1	2.1
HALIEUTICHTHYS ACULEATUS	1	4.3
BULLMANNIA COMMUNIS	2	9.7
CHLOROSCOMBRUS CHRYSURUS	1	12.3
SPHOEROIDES PARVUS	3	14.7
PRIONOTUS STEARNSI	3	18.1
LUTJANUS CAMPECHANUS	1	19.3
SYNODUS POEYI	5	25.6
SYMPHURUS PLAGIUSA	1	26.3
UPENEUS PARVUS	2	38.4
CYCLOPSETTA CHITTENDENI	1	59.1
SAURIDA BRASILIENSIS	20	77.0
PRIONOTUS RUBIO	3	111.9
DIPLECTRUM BIVITTATUM	5	113.5
STACIUM GUNTERI	21	196.2
CENTROPRISTIS PHILADELPHICA	5	204.4
CYNOSCION ARENARIUS	1	209.7
STENOTOMUS CAPRINUS	13	355.4
SYNODUS FOETENS	7	795.1
SERRANUS ATROBRANCHUS	90	964.6
TOTALS 20	186	3257.7

TRANSECT 1 STATION 2 N TRAWL 76WINTER
15 FEB 1976 SAMPLE AHER
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	1.2
ANTENNARIUS RADIOSUS	1	2.0
SYNODUS POEYI	1	4.8
SAURIDA BRASILIENSIS	1	5.0
MICROPOGON UNDULATUS	6	6.3
SPHOEROIDES PARVUS	1	14.5
BOLLMANNIA COMMUNIS	2	15.0
PORICHTHYS POROSISSIMUS	2	22.0
LUTJANUS CAMPECHANUS	2	25.0
TRICHOPSETTA VENTRALIS	7	26.0
CENTROPRISTIS PHILADELPHICA	1	65.4
PRIONOTUS RUBIO	1	69.0
STENOTOMUS CAPRINUS	3	83.8
SERRANUS ATROBRANCHUS	16	167.7
CYCLOPSETTA CHITTENDENI	5	241.0
SYACIUM GUNTERI	26	284.4
TOTALS 16	76	1033.1

TRANSECT 1 STATION 3 N TRAWL 76WINTER
09 MAR 1976 SAMPLE AHEU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	12.2
LEPOPHIDIUM GRAELLSI	1	20.1
ANTENNARIUS RADIOSUS	1	21.2
BEMBROPS ANATIROSTRIS	1	60.2
CAULOLATILUS INTERMEDIUS	1	96.0
UROPHYCIS FLORIDANUS	1	102.2
DECODON PUELLARIS	1	116.6
PONTINUS LONGISPINIS	3	124.1
SYNODUS FOETENS	1	186.2
TRICHOPSETTA VENTRALIS	14	232.5
SERRANUS ATROBRANCHUS	15	299.4
PRIONOTUS RUBIO	18	372.6
STENOTOMUS CAPRINUS	10	470.9
RAJA OLSENI	1	606.7
PRISTIPOMOIDES AQUILONARIS	22	1495.4
TOTALS 15	91	4216.3

TRANSECT 1 STATION 4 D TRAWL 76WINTER
15 FEB 1976 SAMPLE AHFM
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCYLOPSETTA QUADROCELLATA	1	.8
SYNGNATHUS LOUISIANAE	2	1.5
OPHIDION WELSHI	1	3.0
PRIONOTUS TRIBULUS	1	5.5
ETROPUS CROSSOTUS	1	10.2
UROPHYCIS FLORIDANUS	1	12.5
LARIMUS FASCIATUS	6	15.2
STELLIFER LANCEOLATUS	3	20.8
MICROPOGON UNDULATUS	1	24.9
ANCHOA MITCHILLI	42	39.2
OGCOCEPHALUS SPECIES	1	70.5
TRICHIURUS LEPTURUS	23	155.2
SYMPHURUS PLAGIUSA	11	192.5
CYNOSCION ARENARIUS	14	248.9
MICROPOGON UNDULATUS	337	368.4
CYNOSCION NOTHUS	124	677.5
PEPRILUS BURTI	136	784.5
TOTALS 17	675	2631.1

TRANSECT 1 STATION 4 N TRAWL 76WINTER
14 FEB 1976 SAMPLE AHFS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	3	2.0
UROPHYCIS FLORIDANUS	1	2.5
ANCHOA MITCHILLI	5	7.4
OGCOCEPHALUS SPECIES	2	10.5
PEPRILUS ALEPIDOTUS	1	19.7
ACHIRUS LINEATUS	1	27.5
PRIONOTUS RUBIO	11	30.4
CYNOSCION ARENARIUS	3	45.9
PEPRILUS BURTI	12	130.0
ETROPUS CROSSOTUS	11	131.5
MICROPOGON UNDULATUS	100	162.2
PARALICHTHYS ALBIGUTTA	1	177.5
MENTICIRRHUS AMERICANUS	2	196.8
SYMPHURUS PLAGIUSA	12	197.3
LARIMUS FASCIATUS	74	305.7
CYNOSCION NOTHUS	266	1621.6
TOTALS 16	505	3068.5

TRANSECT 1 STATION 5 D TRAWL 70WINTER
16 FEB 1976 SAMPLE AHGN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRACHURUS LATHAMI	1	1.6
SYACIUM GUNTERI	3	2.3
ANTENNARIUS RADIOSUS	2	3.2
SCOMBER JAPONICUS	1	4.6
ENGYOPHRYS SENTA	2	5.3
GYMNACHIRUS TEXAE	1	15.2
PRISTIPOMOIDES AQUILONARIS	3	27.7
ANCYLOPSETTA DILECTA	2	31.1
HALIEUTICHTHYS ACULEATUS	6	40.9
OGCOCEPHALUS SPECIES	6	86.1
KATHETOSTOMA ALBIGUTTA	2	113.7
PORICHTHYS POROSISSIMUS	10	114.8
UPENEUS PARVUS	4	116.7
CENTROPRISTIS PHILADELPHICA	5	118.6
VOMER SETAPINNIS	1	137.0
PRIONOTUS STEARNSI	19	198.5
SYNODUS POEYI	44	228.0
CYCLOPSETTA CHITTENDENI	1	237.8
TRICHOPSETTA VENTRALIS	16	241.7
SAURIDA BRASILIENSIS	105	278.8
STENOTOMUS CAPRINUS	8	462.1
PRIONOTUS RUBIO	14	549.3
SERRANUS ATROBRANCHUS	58	686.5
SYNODUS FOETENS	7	958.3
TOTALS 24	321	4660.0

TRANSECT 1 STATION 5 N TRAWL 70WINTER
16 FEB 1976 SAMPLE AHGN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SCORPAENA BRASILIENSIS	2	.6
CAULOLATILUS INTERMEDIUS	1	1.6
BROTULA BARBATA	1	1.7
ANTENNARIUS RADIOSUS	3	2.5
ENGYOPHRYS SENTA	1	4.7
ALCIRUS LINEATUS	1	5.7
APOGON AURULINEATUS	10	10.1
SYNODUS POEYI	3	12.6
PRIONOTUS STEARNSI	3	27.5
GYMNACHIRUS TEXAE	2	29.3
OGCOCEPHALUS SPECIES	2	34.2
UPENEUS PARVUS	4	110.5
CONGRINA FLAVA	2	113.5
TRICHOPSETTA VENTRALIS	7	155.8
PORICHTHYS POROSISSIMUS	19	228.1
KATHETOSTOMA ALBIGUTTA	4	294.7
PRIONOTUS PARALATUS	11	307.6
PRISTIPOMOIDES AQUILONARIS	3	422.7
STENOTOMUS CAPRINUS	7	455.6
SYNODUS FOETENS	3	568.7
PRIONOTUS RUBIO	10	600.1
SERRANUS ATROBRANCHUS	47	628.5
CENTROPRISTIS PHILADELPHICA	16	681.2
TOTALS 23	162	4697.5

TRANSECT 1 STATION 6 D TRAWL 76WINTER
10 MAR 1976 SAMPLE AMHN
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOMYTHITES GILLI	1	2.1
HALIEUTICHTHYS ACULEATUS	1	8.0
PRIONOTUS STEARNSI	1	9.5
DECODON PUELLARIS	2	13.4
SYNODUS POEYI	1	17.4
PORICHTHYS POROSISSIMUS	1	19.4
SAURIDA BRASILIENSIS	10	23.7
CAULOLATILUS INTERMEDIUS	1	25.0
PRIACANTHUS ARENATUS	1	55.8
PRIONOTUS PARALATUS	2	104.4
SERRANUS ATROBRANCHUS	6	146.8
ANCYLOPSETTA DILECTA	2	111.1
UPENEUS PARVUS	5	111.4
PRISTIPOMOIDES AQUILONARIS	8	185.4
TRICHOPSETTA VENTRALIS	10	185.8
STENOTOMUS CAPRINUS	4	218.3
SYNODUS FOETENS	3	654.1
TOTALS 17	59	1851.6

TRANSECT 1 STATION 6 N TRAWL 76WINTER
10 MAR 1976 SAMPLE AMHR
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOMYTHITES GILLI	1	2.2
ANTENNARIUS RADIOSUS	2	2.3
BROTULA BARBATA	1	2.5
HALIEUTICHTHYS ACULEATUS	1	6.9
OGCOCEPHALUS SPECIES	1	10.0
PIKEA MEXICANA	1	18.0
PONTINUS LONGISPINIS	4	22.8
ANCYLOPSETTA DILECTA	1	23.0
PORICHTHYS POROSISSIMUS	5	60.8
DECODON PUELLARIS	2	62.8
EPINEPHELUS FLAVOLIMBATUS	1	77.7
EQUETUS ACUMINATUS	3	91.9
CAULOLATILUS INTERMEDIUS	3	164.8
LEPOPHIDIUM GRAELLSI	3	170.4
TRICHOPSETTA VENTRALIS	16	188.4
CYCLOPSETTA CHITTENDENI	1	199.6
SYNODUS FOETENS	2	270.7
CENTROPRISTIS PHILADELPHICA	4	347.5
PRIONOTUS PARALATUS	15	372.4
SCORPAENA BRASILIENSIS	2	433.2
STENOTOMUS CAPRINUS	15	605.9
SERRANUS ATROBRANCHUS	46	756.8
PRISTIPOMOIDES AQUILONARIS	29	979.8
TOTALS 23	159	4872.4

TRANSECT 2 STATION 1 D TRAWL 76WINTER
08 FEB 1976 SAMPLE AHJL
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHIURUS LEPTURUS	1	2.5
SPHOEROIDES PARVUS	1	5.0
BOLLMANNIA COMMUNIS	2	5.0
ANCHOA HEPSETUS	1	23.8
CITHARICHTHYS SPILOPTERUS	5	60.4
SAURIDA BRASILIENSIS	23	126.0
UMBRINA COROIDES	1	154.0
TRACHURUS LATHAMI	9	206.9
SYNODUS FOETENS	12	484.6
SYACIUM GUNTERI	45	590.5
CYNOSCION ARENARIUS	47	782.1
CYNOSCION NOTHUS	225	3270.4
POGONIAS CHROMIS	1	7845.0
TOTALS 13	373	13556.2

TRANSECT 2 STATION 1 N TRAWL 76WINTER
08 FEB 1976 SAMPLE AHJL
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	8	3.8
LEPOPHIDIUM GRAELLSI	2	7.3
SYMPHURUS DIOMEDIANUS	1	8.6
CITHARICHTHYS SPILOPTERUS	1	10.4
GYMNACHIRUS TEXAE	1	11.2
CENTROPRISTIS PHILADELPHICA	1	15.2
TRACHURUS LATHAMI	1	18.5
SAURIDA BRASILIENSIS	3	19.9
PEPRILUS BURTI	1	28.1
SYNODUS FOETENS	1	30.2
PRIONOTUS RUBIO	1	35.0
ETROPUS CROSSOTUS	2	36.5
SPHOEROIDES PARVUS	8	39.5
STENOTOMUS CAPRINUS	1	75.5
TRICHIURUS LEPTURUS	2	82.7
OPHICHTHUS GOMESI	1	88.7
SYMPHURUS PLAGIUSA	12	262.5
CYNOSCION ARENARIUS	2	376.9
SYACIUM GUNTERI	52	669.6
CYNOSCION NOTHUS	171	4255.8
TOTALS 20	272	6075.9

TRANSECT 2 STATION 2 O TRAWL 76WINTER
08 FEB 1976 SAMPLE AHKP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	2.1
ENGYOPHRYS SENTA	2	5.8
PORICHTHYS POROSISSIMUS	1	7.4
SPHOEROIDES PARVUS	1	16.2
DIPLECTRUM BIVITTATUM	1	18.3
UPENEUS PARVUS	1	41.2
PRISTIPOMOIDES AQUILONARIS	6	58.8
RAJA TEXANA	1	111.5
LUTJANUS CAMPECHANUS	5	114.0
PRIONOTUS STEARNSI	17	158.4
SYNODUS POEYI	28	183.0
CYCLOPSETTA CHITTENDENI	1	196.7
STENOTOMUS CAPRINUS	4	284.0
SAURIDA BRASILIENSIS	94	311.9
PRIONOTUS RUBIO	6	341.5
STACIUM GUNTERI	22	409.9
CENTROPRISTIS PHILADELPHICA	8	580.1
SERRANUS AITRUBRANCHUS	94	927.7
SYNODUS FOETENS	17	1720.8
TOTALS 19	310	5489.3

TRANSECT 2 STATION 2 N TRAWL 76WINTER
09 FEB 1976 SAMPLE AHKX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	2	2.1
APOGON AUROLINEATUS	2	2.5
SPHOEROIDES PARVUS	1	5.0
ANTENNARIUS RADIOSUS	4	5.2
TRICHOPSETTA VENTRALIS	1	6.0
HALIEUTICHTHYS ACULEATUS	1	6.7
SYMPHURUS PLAGIUSA	5	11.8
GYMNACHIRUS TEXAE	1	13.4
OGCOCEPHALUS SPECIES	1	19.0
BOLLMANNIA COMMUNIS	6	20.0
CONGRINA FLAVA	1	23.8
PRIONOTUS PARALATUS	2	26.0
PRISTIPOMOIDES AQUILONARIS	5	43.5
PRIONOTUS STEARNSI	5	46.6
HOPLUNNIS MACRURUS	6	50.0
LUTJANUS SYNAGRIS	4	55.0
DIPLECTRUM BIVITTATUM	3	67.3
LEPOPHIDIUM GRAELLSI	6	72.7
ENGYOPHRYS SENTA	24	77.1
BALISTES CAPRISCUS	4	99.2
CENTROPRISTIS PHILADELPHICA	4	108.6
PORICHTHYS POROSISSIMUS	25	186.3
LUTJANUS CAMPECHANUS	17	295.6
GYMNOTHORAX NIGROMARGINATUS	4	359.9
PRIONOTUS RUBIO	11	379.9
SYNODUS FOETENS	2	410.7
CYCLOPSETTA CHITTENDENI	7	426.4
STENOTOMUS CAPRINUS	9	574.7
STACIUM GUNTERI	47	690.0
SERRANUS AITRUBRANCHUS	173	1510.2
TOTALS 30	383	5595.2

TRANSECT 2 STATION 3 D TRAWL 76WINTER
10 MAR 1976 SAMPLE AHMA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	2	26.4
ANCYLOPSETTA DILECTA	1	61.8
SERRANUS NIGROBRANCHUS	3	62.3
EQUETUS ACUMINATUS	1	82.0
TRICHOPSETTA VENTRALIS	7	130.4
PRIONOTUS PARALATUS	6	189.3
SYNODUS FOETENS	1	189.4
TOTALS 7	21	741.6

TRANSECT 2 STATION 3 N TRAWL 76WINTER
10 MAR 1976 SAMPLE AHMI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LEPOPHIDIUM GRAELLSI	1	13.2
UPENEUS PARVUS	1	28.7
MURLUNNIS MACRURUS	2	32.9
URUPHYCIS CIRRATUS	1	42.5
PRIONOTUS STEARNSI	3	45.9
TRICHOPSETTA VENTRALIS	6	97.0
TRACHURUS LATHAMI	3	149.1
PRIONOTUS PARALATUS	6	187.9
SYNODUS FOETENS	1	379.2
SERRANUS NIGROBRANCHUS	24	538.0
PRISTIPOMOIDES AQUILONARIS	12	841.4
TOTALS 11	60	2355.8

TRANSECT 2 STATION 4 D TRAWL 76WINTER
08 FEB 1976 SAMPLE AHNG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	4.6
SPHOEROIDES DORSALIS	1	5.6
PRISTIPOMOIDES AQUILONARIS	2	16.1
CYCLOPSETTA CHITTENDENI	1	24.5
PRIONOTUS STEARNSI	11	25.9
PRIONOTUS RUBIO	1	32.0
CYNOSCION NOTHUS	1	82.7
SYNODUS POEYI	12	100.2
STACIUM GUNTERI	18	279.6
CENTROPRISTIS PHILADELPHICA	13	395.2
DIPLECTRUM BIVITTATUM	31	481.3
SERRANUS NIGROBRANCHUS	49	532.0
SAURIDA BRASILIENSIS	255	1120.1
SYNODUS FOETENS	14	1131.5
TOTALS 14	410	4231.5

TRANSECT 2 STATION 4 N TRAWL 76WINTER
09 FEB 1976 SAMPLE AHNK
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	8	2.6
BREGMACEROS ATLANTICUS	6	9.1
ETROPUS CROSSOTUS	1	16.7
BOLLMANNIA COMMUNIS	13	18.0
SPHOEROIDES PARVUS	3	20.0
PORICHTHYS POROSISSIMUS	2	27.0
SYMPHURUS DIOMEDIANUS	2	28.4
PRIONOTUS RUBIO	1	30.1
CYNOSCION NOTHUS	3	32.3
PRISTIPOMOIDES AQUILONARIS	6	34.1
HOPLUNNIS MACRURUS	3	38.5
LEPOPHIDIUM GRAELLSI	4	51.3
SAURIDA BRASILIENSIS	10	60.0
ENGYOPHRYS SENTA	21	86.0
CYCLOPSETTA CHITTENDENI	1	91.6
DIPLECTRUM BIVITTATUM	17	245.0
SERRANUS ATROBRANCHUS	30	288.5
CENTROPRISTIS PHILADELPHICA	12	337.9
SYACIUM GUNTERI	44	455.8
SYNODUS FOETENS	8	814.9
TOTALS 20	195	2687.8

TRANSECT 2 STATION 5 D TRAWL 76WINTER
09 FEB 1976 SAMPLE AHOP
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	2	.7
PRIONOTUS STEARNSI	2	18.9
PORICHTHYS POROSISSIMUS	3	37.8
LAGOCEPHALUS LAEVIGATUS	1	55.2
CYCLOPSETTA CHITTENDENI	3	55.2
SYACIUM GUNTERI	3	64.3
SAURIDA BRASILIENSIS	22	92.1
PRISTIPOMOIDES AQUILONARIS	3	105.6
SERRANUS ATROBRANCHUS	8	116.3
PRIONOTUS RUBIO	4	127.5
LUTJANUS CAMPECHANUS	4	276.1
UPENEUS PARVUS	10	327.8
STENOTOMUS CAPRINUS	8	572.0
SYNODUS FOETENS	11	2131.1
TOTALS 14	84	3980.6

TRANSECT 2 STATION 5 N TRAWL 76WINTER
09 FEB 1976 SAMPLE AHUI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYMPHURUS PARVUS	1	1.6
ANTENNARIUS RADIOSUS	7	6.7
SYNODUS POEYI	1	6.9
HALIEUTICHTHYS ACULEATUS	1	7.4
PRIONOTUS STEARNSI	1	7.7
GYMNACHIRUS TEXAE	1	16.8
OGCOCEPHALUS SPECIES	2	37.3
LEPOPHIDIUM GRAELLSI	1	46.0
UPENEUS PARVUS	2	66.0
MICROPOGON UNDULATUS	1	81.7
LUTJANUS CAMPECHANUS	1	91.8
KATHETOSTOMA ALBIGUTTA	4	154.4
PARALICHTHYS SUDALIMENTUS	1	179.4
TRICHOPSETTA VENTRALIS	19	266.8
PORICHTHYS POROSISSIMUS	24	289.5
SYNODUS FOETENS	3	611.4
PRISTIPOMOIDES AQUILONARIS	6	628.0
SERRANUS ATROBRANCHUS	77	687.9
STENOTOMUS CAPRINUS	11	801.4
CENTROPRISTIS PHILADELPHICA	21	1057.4
PRIONOTUS RUBIO	31	1119.7
CYCLOPSETTA CHITTENDENI	15	1976.9
TOTALS 22	231	8142.7

TRANSECT 2 STATION 6 D TRAWL 76WINTER
10 MAR 1976 SAMPLE AHUE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	4.5
SERRANUS ATROBRANCHUS	1	16.6
KATHETOSTOMA ALBIGUTTA	1	16.7
PRIONOTUS RUBIO	1	35.8
CAULOLATILUS INTERMEDIUS	1	76.6
LAGOCEPHALUS LAEVIGATUS	1	103.0
SYNODUS FOETENS	1	186.1
UPENEUS PARVUS	8	270.7
STENOTOMUS CAPRINUS	5	311.1
PRISTIPOMOIDES AQUILONARIS	10	769.6
TOTALS 10	30	1788.7

TRANSECT 2 STATION 6 N TRAWL 76WINTER
10 MAR 1976 SAMPLE AHUI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	4.7
ANCYLOPSETTA DILECTA	1	14.8
UPENEUS PARVUS	1	21.2
PRIONOTUS PARALATUS	1	35.2
SERRANUS ATROBRANCHUS	5	89.9
PORICHTHYS POROSISSIMUS	6	115.7
TRICHOPSETTA VENTRALIS	9	190.4
STENOTOMUS CAPRINUS	5	283.6
CENTROPRISTIS PHILADELPHICA	3	412.6
PRISTIPOMOIDES AQUILONARIS	6	470.9
TOTALS 10	38	1639.0

TRANSECT 3 STATION 1 D TRAWL 76WINTER
28 FEB 1976 SAMPLE AHUU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	5.4
UPENEUS PARVUS	1	27.8
CHLOROSCOMBRUS CHRYSURUS	1	50.4
STENOTOMUS CAPRINUS	1	57.7
SAURIDA BRASILIENSIS	7	62.6
SYACIUM GUNTERI	5	113.2
LEIOSTOMUS XANTHURUS	2	152.5
CYNOSCION ARENARIUS	2	181.7
PEPRILUS BURTI	3	182.4
PARALICHTHYS LETHOSTIGMA	1	394.1
SYNODUS FOETENS	8	394.7
MENTICIRRHUS AMERICANUS	3	464.2
TRACHURUS LATHAMI	39	1088.9
TOTALS 13	74	3175.6

TRANSECT 3 STATION 1 N TRAWL 76WINTER
28 FEB 1976 SAMPLE AHUY
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS LARVAL	2	.2
PORICHTHYS POROSISSIMUS	1	1.9
PRIONOTUS RUBIO	2	2.4
ANCHOA HEPSETUS	3	6.4
SPHOEROIDES PARVUS	1	7.0
CYNOSCION ARENARIUS	16	9.4
LEPOPHIDIUM GRAELLSI	4	24.6
CITHARICHTHYS SPILOPTERUS	2	26.2
HALIEUTICHTHYS ACULEATUS	5	33.7
SYNODUS POEYI	2	49.4
ETROPUS CROSSOTUS	5	116.6
CHILOMYCTERUS SCHOEPFI	1	210.1
SYMPHURUS PLAGIUSA	14	276.1
PARALICHTHYS LETHOSTIGMA	1	512.4
MENTICIRRHUS AMERICANUS	3	610.9
SYACIUM GUNTERI	43	982.8
TOTALS 16	105	2872.1

TRANSECT 3 STATION 2 D TRAWL 76WINTER
28 FEB 1976 SAMPLE A1AK
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	1	23.0
PRIONOTUS RUBIO	1	30.0
SYNODUS POEYI	4	41.4
TRICHOPSETTA VENTRALIS	2	57.0
PRISTIPOMOIDES AQUILONARIS	2	107.3
SAURIDA BRASILIENSIS	28	107.8
SERRANUS ATROBRANCHUS	7	110.5
CYCLOPSETTA CHITTENDENI	3	491.0
MUSTELUS CANIS	1	1149.0
TOTALS 9	49	2117.0

TRANSECT 3 STATION 2 N TRAWL 76WINTER
29 FEB 1976 SAMPLE A1AZ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
APOGON MACULATUS	1	.9
BREGMACEROS ATLANTICUS	1	1.0
SYMPHURUS PARVUS	1	1.6
ANTENNARIUS RADIOSUS	1	1.7
PRIONOTUS SALMONICOLOR	1	1.7
LONCHOPISTHUS LINDNERI	1	5.5
PRIONOTUS STEARNSI	1	11.0
ENGYOPHRYS SENTA	5	13.7
BOLLMANNIA COMMUNIS	13	15.7
SYNODUS POEYI	2	15.9
PORICHTHYS POROSISSIMUS	3	27.2
HOPLUNNIS MACRURUS	2	35.1
LUTJANUS CAMPECHANUS	1	63.4
GYMNOTHORAX NIGROMARGINATUS	1	67.3
STENOTOMUS CAPRINUS	1	73.1
SYNODUS FOETENS	1	75.9
TRICHOPSETTA VENTRALIS	8	107.4
CENTROPRISTIS PHILADELPHICA	5	146.6
CYCLOPSETTA CHITTENDENI	5	206.4
LEPOPHIDIUM GRAELLSI	6	206.9
PRIONOTUS RUBIO	7	282.6
SERRANUS ATROBRANCHUS	108	1149.6
TOTALS 22	175	2510.2

TRANSECT 3 STATION 3 D TRAWL 76WINTER
11 MAR 1976 SAMPLE AICN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	2	14.5
STENOTOMUS CAPRINUS	1	34.4
KATHETOSTOMA ALBIGUTTA	2	44.2
GYMNACHIRUS TEXAE	3	51.4
CENTROPRISTIS PHILADELPHICA	1	79.1
PRISTIPOMOIDES AQUILONARIS	2	100.0
SYNODUS FOETENS	1	103.8
UPENEUS PARVUS	4	124.6
OGCOCEPHALUS SPECIES	1	185.4
PRIONOTUS RUBIO	2	189.1
TRICHOPSETTA VENTRALIS	12	270.6
SERRANUS AITRORANCHUS	16	310.4
PRIONOTUS PARALATUS	16	431.2
TOTALS 13	63	1938.7

TRANSECT 3 STATION 3 N TRAWL 76WINTER
11 MAR 1976 SAMPLE AICV
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOBYTHITES GILLI	1	8.9
HALIEUTICHTHYS ACULEATUS	2	13.0
OGCOCEPHALUS SPECIES	1	17.7
TRICHOPSETTA VENTRALIS	2	55.5
STENOTOMUS CAPRINUS	2	121.7
PRIONOTUS PARALATUS	4	122.0
UROPHYCIS FLORIDANUS	1	175.1
SERRANUS AITRORANCHUS	18	347.1
PRISTIPOMOIDES AQUILONARIS	6	593.0
TOTALS 9	37	1454.0

TRANSECT 3 STATION 4 D TRAWL 76WINTER
28 FEB 1976 SAMPLE AIEI
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS RUBIO	1	4.3
SAURIDA BRASILIENSIS	1	5.9
SCOMBER JAPONICUS	2	6.0
SPHOEROIDES PARVUS	1	6.3
PRIONOTUS SALMONICOLOR	1	8.1
PEPRILUS BURTI	2	8.2
CYNOSCION NOTHUS	2	8.4
SYNODUS FOETENS	1	14.8
TRACHURUS LATHAMI	1	33.5
LAGODON RHOMBOIDES	3	52.0
NARCINE BRASILIENSIS	1	560.9
ANCHOA HEPSETUS	748	1022.0
TOTALS 12	764	1730.4

TRANSECT 3 STATION 4 N TRAWL 76WINTER
28 FEB 1976 SAMPLE AIEU
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCYLOPSETTA QUADROCELLATA	1	3.9
LARIMUS FASCIATUS	3	6.6
PRIONOTUS RUBIO	5	7.2
ETROPUS CROSSOTUS	1	12.4
SAURIDA BRASILIENSIS	2	22.1
SYNODUS FOETENS	1	30.6
SYMPHURUS PLAGIUSA	1	34.7
UROPHYCIS FLORIDANUS	4	81.0
CYNOSCION NOTHUS	12	95.5
MENTICIRRHUS AMERICANUS	1	140.5
ANCHOA HEPSETUS	88	237.5
TOTALS 11	119	672.0

TRANSECT 3 STATION 5 D TRAWL 76WINTER
28 FEB 1976 SAMPLE AIGB
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	.8
PRIONOTUS STEARNSI	1	2.7
TRACHURUS LATHAMI	1	4.3
SPHOEROIDES PARVUS	1	6.4
ENGYOPHRYS SENTA	2	9.0
SYNODUS POEYI	1	10.0
CYCLOPSETTA CHITTENDENI	1	19.5
SYACIUM GUNTERI	4	27.1
TRICHOPSETTA VENTRALIS	1	33.2
SYNODUS FOETENS	1	42.4
CENTROPRISTIS PHILADELPHICA	4	112.8
SAURIDA BRASILIENSIS	24	142.0
PRISTIPOMOIDES AQUILONARIS	14	152.9
DIPLECTRUM BIVITTATUM	11	263.2
SERRANUS AITRORANCHUS	25	270.3
STENOTOMUS CAPRINUS	5	288.2
UPENEUS PARVUS	13	299.8
TOTALS 17	110	1684.6

TRANSECT 3 STATION 5 N TRAWL 76WINTER
28 FEB 1976 SAMPLE AIGF
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	1	1.2
SYMPHURUS PLAGIUSA	1	1.6
OPHIDION WELSHI	1	2.3
ANTENNARIUS RADIOSUS	2	4.5
LEPOPHIDIUM GRAELLSI	1	7.5
PRISTIPOMOIDES AQUILONARIS	1	8.0
SPHOEROIDES PARVUS	2	13.3
DIPLECTRUM BIVITTATUM	1	25.1
PORICHTHYS POROSISSIMUS	5	37.4
HOPLUNNIS MACRURUS	3	51.6
CYCLOPSETTA CHITTENDENI	4	81.8
OPHICHTHUS GOMESI	1	99.8
TRICHOPSETTA VENTRALIS	29	100.5
PRIONOTUS RUBIO	2	116.2
GYMNOTHORAX NIGROMARGINATUS	2	122.5
BOLLMANNIA COMMUNIS	22	160.0
CYNOSCION ARENARIUS	1	174.3
MICROPOGON UNDULATUS	1	174.5
SYNODUS FOETENS	2	185.0
CENTROPRISTIS PHILADELPHICA	5	235.7
STENOTOMUS CAPRINUS	9	446.5
SERRANUS AITRORANCHUS	56	513.9
SYACIUM GUNTERI	67	823.4
TOTALS 23	219	3386.6

TRANSECT 3 STATION 6 D TRAWL 76WINTER
11 MAR 1976 SAMPLE AIMI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS RUBIO	2	86.1
PRISTIPOMOIDES AQUILONARIS	1	149.5
SERRANUS AITRORANCHUS	6	135.1
PRIONOTUS PARALATUS	9	325.2
CYCLOPSETTA CHITTENDENI	1	394.1
SQUATINA DUMERILI	1	1690.0
TOTALS 6	20	2740.0

TRANSECT 3 STATION 6 N TRAWL 76WINTER
11 MAR 1976 SAMPLE AIMX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	7	42.6
EQUETUS ACUMINATUS	1	52.8
PRIONOTUS RUBIO	1	74.5
GYMNACHIRUS TEXAE	7	85.1
CAULOLATILUS INTERMEDIUS	1	87.6
UROPHYCIS FLORIDANUS	1	93.5
UROPHYCIS CIRRATUS	2	98.5
TRICHOPSETTA VENTRALIS	7	175.1
CENTROPRISTIS PHILADELPHICA	1	239.2
SERRANUS AITRORANCHUS	15	319.1
CYCLOPSETTA CHITTENDENI	1	402.6
PRIONOTUS PARALATUS	20	711.1
PRISTIPOMOIDES AQUILONARIS	9	839.8
TOTALS 13	73	3221.5

TRANSECT 4 STATION 1 D TRAWL 76WINTER
26 FEB 1976 SAMPLE AIJU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
UPENEUS PARVUS	1	2.4
ENGYOPHRYS SENTA	1	4.1
TRICHIURUS LEPTURUS	1	6.4
SAURIDA BRASILIENSIS	2	17.5
DIPLECTRUM BIVITTATUM	2	33.0
ANCYLOPSETTA QUADROCELLATA	1	166.5
TRACHURUS LATHAMI	6	167.0
SYNODUS FOETENS	10	173.4
STACIUM GUNTERI	21	247.0
SPHOEROIDES PARVUS	53	303.5
TOTALS 10	98	1120.8

TRANSECT 4 STATION 1 N TRAWL 76WINTER
26 FEB 1976 SAMPLE AIKC
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	1	1.8
SAURIDA BRASILIENSIS	1	2.1
CITHARICHTHYS SPILOPTERUS	1	12.1
DIPLECTRUM BIVITTATUM	1	13.0
OGCOCEPHALUS SPECIES	2	17.9
PORICHTHYS POROSISSIMUS	2	25.3
PRIONOTUS SALMONICOLOR	2	32.3
LEPOPHIDIUM GRAELLSI	8	36.3
CYNOSCION NOTHUS	6	41.3
HALIEUTICHTHYS ACULEATUS	8	50.1
SYNODUS FOETENS	3	84.8
MENTICIRRHUS AMERICANUS	1	101.0
ETROPUS CROSSOTUS	10	183.2
SYMPHURUS PLAGIUSA	19	300.2
SPHOEROIDES PARVUS	46	310.8
STACIUM GUNTERI	91	1408.6
TOTALS 16	202	2622.8

TRANSECT 4 STATION 2 D TRAWL 76WINTER
26 FEB 1976 SAMPLE AILU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANTENNARIUS RADIOSUS	1	1.0
BOLLMANNIA COMMUNIS	2	12.9
ENGYOPHRYS SENTA	4	17.9
CYCLOPSETTA CHITTENDENI	1	27.0
SYNODUS FOETENS	1	62.5
SERRANUS ATROBRANCHUS	5	63.3
SYACIUM GUNTERI	7	127.9
TOTALS 7	21	312.5

TRANSECT 4 STATION 2 N TRAWL 76WINTER
24 FEB 1976 SAMPLE AILS
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	2.5
BROTULA BARBATA	2	5.6
SYMPHURUS PARVUS	3	6.8
LEPOPHIDIUM GRAELLSI	1	7.6
LUTJANUS CAMPECHANUS	2	13.2
CHAETODIPTERUS FABER	1	22.8
HOPLUNNIS MACRURUS	2	24.9
OGCOCEPHALUS SPECIES	2	37.0
BOLLMANNIA COMMUNIS	12	58.1
ENGYOPHRYS SENTA	18	65.5
PRISTIPOMOIDES AQUILONARIS	12	101.5
GYMNOTHORAX NIGROMARGINATUS	1	122.0
OPHICHTHUS GOMESI	2	149.5
STENOTOMUS CAPRINUS	3	169.5
PRIONOTUS SALMONICOLOR	1	180.5
PRIONOTUS RUBIO	5	279.2
SYACIUM GUNTERI	23	302.8
PORICHTHYS POROSISSIMUS	67	355.0
CYCLOPSETTA CHITTENDENI	9	357.2
SERRANUS ATROBRANCHUS	79	915.4
TOTALS 20	246	3176.6

TRANSECT 4 STATION 3 D TRAWL 76WINTER
27 FEB 1976 SAMPLE AINI
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHOPSETTA VENTRALIS	1	4.0
ANTENNARIUS RADIOSUS	1	12.1
OGCOCEPHALUS SPECIES	1	17.0
PRIONOTUS PARALATUS	1	23.0
TRACHURUS LATHAMI	1	26.3
GYMNACHIRUS TEXAE	2	37.0
HALIEUTICHTHYS ACULEATUS	8	52.4
PRIACANTHUS ARENATUS	1	134.0
SERRANUS ATROBRANCHUS	8	162.5
PRISTIPOMOIDES AQUILONARIS	2	182.4
TOTALS 10	26	650.7

TRANSECT 4 STATION 3 N TRAWL 76WINTER
27 FEB 1976 SAMPLE AINU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRISTIPOMOIDES AQUILONARIS	1	16.3
SPHOEROIDES DORSALIS	1	16.3
CENTROPRISTIS PHILADELPHICA	1	28.1
PORICHTHYS POROSISSIMUS	2	39.3
PRIONOTUS RUBIO	3	90.9
HALIEUTICHTHYS ACULEATUS	12	92.3
UROPHYCIS FLORIDANUS	1	102.5
SERRANUS ATROBRANCHUS	9	144.7
TRICHOPSETTA VENTRALIS	9	179.7
ANTENNARIUS RADIOSUS	3	229.0
TOTALS 10	42	939.1

TRANSECT 4 STATION 4 D TRAWL 76WINTER
26 FEB 1976 SAMPLE AIPF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYACIUM GUNTERI	1	24.1
LARIMUS FASCIATUS	9	32.3
ANCHOA MITCHILLI	22	57.4
TRICHIURUS LEPTURUS	9	72.6
SYMPHURUS PLAGIUSA	11	227.8
MENTICIRRHUS AMERICANUS	6	236.4
CYNOSCION NOTHUS	131	952.2
TOTALS 7	189	1602.8

TRANSECT 4 STATION 4 N TRAWL 76WINTER
26 FEB 1976 SAMPLE AIPJ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANTENNARIUS RADIOSUS	1	1.2
PRIONOTUS SALMONICOLOR	1	4.9
ETROPUS CROSSOTUS	2	9.7
SERRANICULUS PUMILIO	2	10.1
PRIONOTUS TRIBULUS	1	10.8
SPHOEROIDES PARVUS	4	22.8
ANCHOA HEPSETUS	3	26.0
SYACIUM GUNTERI	1	35.7
LARIMUS FASCIATUS	6	39.8
SYNODUS FOETENS	3	52.6
SYMPHURUS PLAGIUSA	6	131.0
MENTICIRRHUS AMERICANUS	2	186.2
CYNOSCION NOTHUS	119	1109.5
TOTALS 13	151	1640.3

TRANSECT 4 STATION 5 D TRAWL 76WINTER
26 FEB 1976 SAMPLE AIOX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRISTIPOMOIDES AQUILONARIS	1	7.5
PRIONOTUS STEARNSI	3	11.2
CITHARICHTHYS SPILOPTERUS	1	15.0
SAURIDA BRASILIENSIS	4	21.3
SYNODUS POEYI	3	23.4
UPENEUS PARVUS	5	23.7
LARIMUS FASCIATUS	2	64.1
SPHOEROIDES PARVUS	13	77.4
CHLOROSCOMBRUS CHRYSURUS	2	132.5
MENTICIRRHUS AMERICANUS	1	161.3
SYNODUS FOETENS	3	290.2
SYACIUM GUNTERI	19	299.5
DIPLECTRUM BIVITTATUM	22	433.9
TOTALS 13	79	1561.0

TRANSECT 4 STATION 5 N TRAWL 76WINTER
26 FEB 1976 SAMPLE AIRA
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SERRANUS ATROBRANCHUS	1	.8
ANTENNARIUS RADIOSUS	2	3.1
BREGMACEROS ATLANTICUS	4	3.3
HALIEUTICHTHYS ACULEATUS	1	3.8
LEPOPHIDIUM GRAELLSI	6	11.9
ENGYOPHRYS SENTA	2	14.4
BOLLMANNIA COMMUNIS	12	19.7
PRISTIPOMOIDES AQUILONARIS	2	24.8
PORICHTHYS POROSISSIMUS	5	27.4
DIPLECTRUM BIVITTATUM	1	29.9
GYMNACHIRUS TEXAE	2	35.1
HOPLUNNIS MACRURUS	2	47.8
SPHOEROIDES PARVUS	8	54.8
OPHICHTHUS GOMESI	1	59.1
GYMNOTHORAX NIGROMARGINATUS	1	67.2
SYMPHURUS PLAGIUSA	6	129.4
PRIONOTUS RUBIO	3	178.7
CYCLOPSETTA CHITTENDENI	6	204.6
SYNODUS FOETENS	3	398.5
STACIUM GUNTERI	88	1209.4
TOTALS 20	156	2519.7

TRANSECT 4 STATION 6 D TRAWL 76WINTER
27 FEB 1976 SAMPLE AISX
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PORICHTHYS POROSISSIMUS	2	7.9
STACIUM GUNTERI	1	9.0
PRIONOTUS PARALATUS	1	16.0
SYNODUS POEYI	2	17.3
PRIONOTUS RUBIO	1	37.5
SERRANUS ATROBRANCHUS	6	40.9
CAULOLATILUS INTERMEDIUS	1	41.5
PRISTIPOMOIDES AQUILONARIS	6	51.0
MULLUS AURATUS	2	122.0
STENOTOMUS CAPRINUS	5	179.1
UPENEUS PARVUS	10	271.9
TRACHURUS LATHAMI	12	356.5
SYNODUS FOETENS	2	483.8
PRIACANTHUS ARENATUS	3	555.4
TOTALS 14	54	2189.8

TRANSECT 4 STATION 6 N TRAWL 76WINTER
27 FEB 1976 SAMPLE AITB
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CAULOLATILUS INTERMEDIUS	1	1.7
LEPOPHIDIUM GRAELLSI	1	3.0
SYNODUS POEYI	1	10.6
GYMNACHIRUS TEXAE	1	12.0
SERRANUS ATROBRANCHUS	3	19.6
ENGYOPHRYS SENTA	5	22.7
HOPLUNNIS MACRURUS	1	23.9
PRISTIPOMOIDES AQUILONARIS	2	28.0
SYMPHURUS DIOMEDIANUS	1	28.1
PRIONOTUS STEARNSI	3	37.4
CONGRINA FLAVA	1	42.9
PRIONOTUS RUBIO	2	62.0
TRICHOPSETTA VENTRALIS	3	67.6
TRICHOPSETTA VENTRALIS	3	135.6
TOTALS 14	28	495.1

TRANSECT 2 STATION 1 D TRAWL 76MARCH
25 MAR 1976 SAMPLE AJUI
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PEPRILUS BURTI	1	2.4
HALIEUTICHTHYS ACULEATUS	1	7.0
TRICHIURUS LEPTURUS	2	19.8
LEPOPHIDIUM GRAELLSI	4	24.0
SYNODUS FOETENS	1	28.9
ANCHOA MITCHILLI	20	39.0
UROPHYCIS FLORIDANUS	1	61.5
MICROPOGON UNDULATUS	39	93.0
LARIMUS FASCIATUS	31	106.8
STACIUM GUNTERI	11	141.7
SYMPHURUS PLAGIUSA	10	189.1
DIPLECTRUM BIVITTATUM	10	211.1
CYNOSCION NOTHUS	175	2135.2
POGONIAS CHROMIS	1	3840.0
TOTALS 14	307	6899.5

TRANSECT 2 STATION 1 N TRAWL 76MARCH
25 MAR 1976 SAMPLE AJUK
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	1.3
BOLLMANNIA COMMUNIS	1	4.6
ANCYLOPSETTA DILECTA	1	7.0
ANCHOA HEPSETUS	5	9.6
ETROPUS CROSSOTUS	1	10.8
BROTULA BARBATA	6	17.8
CITHARICHTHYS SPILOPTERUS	2	18.7
LEPOPHIDIUM GRAELLSI	5	35.0
DIPLECTRUM BIVITTATUM	2	38.5
TRICHIURUS LEPTURUS	5	39.8
MICROPOGON UNDULATUS	124	62.1
LARIMUS FASCIATUS	51	224.4
MENTICIRRHUS AMERICANUS	2	277.3
STACIUM GUNTERI	38	309.1
SYMPHURUS PLAGIUSA	21	372.9
CYNOSCION NOTHUS	301	2819.8
TOTALS 16	566	4248.7

TRANSECT 2 STATION 2 D TRAWL 76MARCH
26 MAR 1976 SAMPLE AJWF
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	2.3
MICROPOGON UNDULATUS	1	2.7
BROTULA BARBATA	1	3.0
HALIEUTICHTHYS ACULEATUS	1	6.4
SPHOEROIDES PARVUS	2	11.6
PRISTIPOMOIDES AQUILONARIS	1	12.7
ZALIEUTES MCGINTYI	1	13.1
HOPLUNNIS MACRURUS	1	13.6
DIPLECTRUM BIVITTATUM	1	20.6
ENGYOPHRYS SENTA	6	22.1
CYNOSCION NOTHUS	1	26.1
PRIONOTUS PARALATUS	1	29.0
PRIONOTUS STEARNSI	10	69.5
UPENEUS PARVUS	2	70.1
SAURIDA BRASILIENSIS	38	123.5
SYNODUS POEYI	26	153.3
CENTROPRISTIS PHILADELPHICA	3	169.3
LUTJANUS CAMPECHANUS	3	187.9
STENOTOMUS CAPRINUS	5	253.6
SERRANUS AITROBRANCHUS	31	299.7
PRIONOTUS RUBIO	10	437.1
STACIUM GUNTERI	36	542.3
CYCLOPSETTA CHITTENDENI	7	670.0
SYNODUS FOETENS	12	1528.8
TOTALS 24	201	4668.3

TRANSECT 2 STATION 2 N TRAWL 76MARCH
24 MAR 1976 SAMPLE AJWH
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS SALMONICOLOR	1	.4
APOGON AUROLINEATUS	1	2.0
HOPLUNNIS MACRURUS	1	2.2
ANTENNARIUS RADIOSUS	1	2.3
MICROPOGON UNDULATUS	2	5.3
SYNODUS POEYI	1	5.5
SCORPAENA BRASILIENSIS	1	6.2
BROTULA BARBATA	2	7.3
PRISTIPOMOIDES AQUILONARIS	1	8.7
SPHOEROIDES PARVUS	2	11.0
DIPLECTRUM BIVITTATUM	1	17.3
PEPRILUS BURTI	1	19.6
BOLLMANNIA COMMUNIS	10	25.5
CONGRINA FLAVA	2	29.1
TRICHOPSETTA VENTRALIS	1	30.8
ETROPUS CROSSOTUS	2	31.9
SYMPHURUS PLAGIUSA	2	41.4
ENGYOPHRYS SENTA	12	49.9
LUTJANUS CAMPECHANUS	2	70.8
GYMNACHIRUS TEXAE	4	75.7
ZALIEUTES MCGINTYI	2	79.9
PORICHTHYS POROSISSIMUS	8	93.6
ANCYLOPSETTA QUADROCELLATA	1	125.2
LEPOPHIDIUM GRAELLSI	11	134.0
CENTROPRISTIS PHILADELPHICA	10	150.4
PRIONOTUS RUBIO	6	247.5
GYMNOTHORAX NIGROMARGINATUS	3	257.6
STENOTOMUS CAPRINUS	6	348.0
CYCLOPSETTA CHITTENDENI	9	753.4
STACIUM GOMIERI	50	784.7
SERRANUS AITROBRANCHUS	97	899.1
SYNODUS FOETENS	7	1086.8
TOTALS 32	260	5399.1

TRANSECT 2 STATION 3 D TRAWL 76MARCH
28 MAR 1976 SAMPLE AJYZ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MONOLENE SESSILICAUDA	1	4.2
PORICHTHYS POROSISSIMUS	1	6.6
ZALIEUTES MCGINTYI	1	15.1
DEMBROPS ANATIROSTRIS	1	22.0
UPENEUS PARVUS	1	26.2
HALIEUTICHTHYS ACULEATUS	4	31.2
GYMNACHIRUS TEXAE	3	39.3
ANCYLOPSETTA DILECTA	1	39.8
PRIONOTUS RUBIO	1	46.4
RAJA OLSENI	1	58.7
SAURIDA BRASILIENSIS	17	68.2
DECODON PUELLARIS	2	69.3
PONTINUS LONGISPINIS	4	110.5
PRIONOTUS STEARNSI	15	163.8
KATHETOSTOMA ALBIGUTTA	4	183.2
CENTROPRISTIS PHILADELPHICA	2	272.2
PRISTIPOMOIDES AQUILONARIS	2	390.1
URUPHYCIS FLORIDANUS	3	443.6
TRICHOPSETTA VENTRALIS	24	459.1
PRIONOTUS PARALATUS	22	520.6
SERRANUS AITROBRANCHUS	31	637.0
SYNODUS FOETENS	7	1268.4
TOTALS 22	148	4875.5

TRANSECT 2 STATION 3 N TRAWL 76MARCH
27 MAR 1976 SAMPLE AJZB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CAULOLATILUS INTERMEDIUS	1	1.4
BREGMACEROS ATLANTICUS	2	2.7
BOLLMANNIA COMMUNIS	27	8.9
BROTULA BARBATA	3	10.1
APOGON AUROLINEATUS	8	10.2
ANCYLOPSETTA DILECTA	1	14.4
HALIEUTICHTHYS ACULEATUS	2	14.7
ZALIEUTES MCGINTYI	1	20.0
SYNODUS POEYI	3	26.1
LAGODON RHOMBOIDES	1	67.3
PRISTIPOMOIDES AQUILONARIS	2	79.4
CONGRINA FLAVA	2	85.0
STENOTOMUS CAPRINUS	1	102.4
GYMNOTHORAX NIGROMARGINATUS	1	103.2
KATHETOSTOMA ALBIGUTTA	3	125.5
SYNODUS FOETENS	1	131.0
CYNOSCION NOTHUS	2	153.0
TRICHOPSETTA VENTRALIS	15	180.5
LEPOPHIDIUM GRAELLSI	6	210.3
PORICHTHYS POROSISSIMUS	36	250.0
PRIONOTUS PARALATUS	9	269.1
CYCLOPSETTA CHITTENDENI	3	322.2
PRIONOTUS NOBILIS	11	528.7
CENTROPRISTIS PHILADELPHICA	19	795.1
SERRANUS AITROBRANCHUS	119	1108.3
TOTALS 25	279	4617.5

TRANSECT 2 STATION 4 D TRAWL 76MARCH
25 MAR 1976 SAMPLE AJVE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
STENOTOMUS CAPRINUS	2	2.7
UPENEUS PARVUS	1	3.9
ENGYOPHRYS SENTA	1	4.2
LUTJANUS CAMPECHANUS	1	7.8
PRIONOTUS PARALATUS	9	26.3
SAURIDA BRASILIENSIS	9	41.7
PRISTIPOMOIDES AQUILONARIS	3	42.6
CENTROPRISTIS PHILADELPHICA	3	90.6
SERRANUS AITROBRANCHUS	11	100.2
CYCLOPSETTA CHITTENDENI	2	110.9
SYACIUM GUNTERI	9	153.1
SYNODUS FOETENS	13	438.6
DIPLECTRUM BIVITTATUM	37	695.3
TOTALS 13	101	1717.9

TRANSECT 2 STATION 4 N TRAWL 76MARCH
24 MAR 1976 SAMPLE AJV6
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS SALMONICOLOR	2	1.1
ANTENNARIUS RADIOSUS	1	1.9
BROTULA BARBATA	1	3.4
HALIEUTICHTHYS ACULEATUS	2	8.5
LARIMUS FASCIATUS	2	9.0
PRIONOTUS STEARNSI	2	9.3
MICROPOGON UNDULATUS	7	19.1
GYMNOTHORAX NIGROMARGINATUS	1	26.4
HOPLUNNIS MACRURUS	3	40.1
PRIONOTUS RUBIO	1	41.6
LEPOPHIDIUM GRAELLSI	3	47.2
PRISTIPOMOIDES AQUILONARIS	4	52.1
CENTROPRISTIS PHILADELPHICA	4	68.8
BOLLMANNIA COMMUNIS	25	75.0
LAGODON RHOMBOIDES	3	79.4
ENGYOPHRYS SENTA	19	95.8
CYNOSCION NOTHUS	16	141.5
SERRANUS ATROBRANCHUS	17	145.3
SYMPHURUS PLAGIUSA	7	166.4
SYNODUS FOETENS	4	199.2
CYCLOPSETTA CHITTENDENI	5	261.4
STAGION GUNTERI	37	434.6
DIPLECTRUM BIVITTATUM	44	823.3
TOTALS 23	210	2750.4

TRANSECT 2 STATION 5 D TRAWL 76MARCH
26 MAR 1976 SAMPLE AJX0
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	1	4.5
PORICHTHYS POROSISSIMUS	1	6.8
HALIEUTICHTHYS ACULEATUS	1	7.8
ANTENNARIUS RADIOSUS	2	13.2
SAURIDA BRASILIENSIS	3	14.6
GYMNACHIRUS TEXAE	1	15.0
DIPLECTRUM BIVITTATUM	1	25.0
ZALIEUTES MCGINTYI	2	27.5
ANCYLOPSETTA DILECTA	1	37.3
PRIONOTUS STEARNSI	3	40.8
PRIONOTUS PARALATUS	2	71.7
SERRANUS ATROBRANCHUS	7	118.1
STENOTOMUS CAPRINUS	2	119.3
TRICHOPSETTA VENTRALIS	10	204.9
CENTROPRISTIS PHILADELPHICA	3	275.7
PRIONOTUS RUBIO	10	572.0
SYNODUS FOETENS	4	607.1
CYCLOPSETTA CHITTENDENI	6	849.0
TOTALS 18	60	3010.3

TRANSECT 2 STATION 5 N TRAWL 76MARCH
25 MAR 1976 SAMPLE AJXD
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LEPOPHIDIUM GRAELLSI	1	6.4
NEOBYTHITES GILLI	1	6.7
SAURIDA BRASILIENSIS	2	9.2
HEMANTHIAS VIVANUS	1	11.0
PRIONOTUS STEARNSI	1	12.3
GNATHAGNUS AGREGIUS	1	18.3
PORICHTHYS POROSISSIMUS	2	19.5
OPHICHTHUS GOMESI	1	39.2
EQUETUS ACUMINATUS	1	43.5
OGCOCEPHALUS SPECIES	1	183.8
TRICHOPSETTA VENTRALIS	12	210.2
STENOTOMUS CAPRINUS	4	213.7
PONTINUS LONGISPINIS	11	345.5
SYNODUS FOETENS	2	688.3
PRIONOTUS RUBIO	27	780.8
SERRANUS ATROBRANCHUS	53	1059.4
PRISTIPOMOIDES AQUILONARIS	37	1392.4
TOTALS 17	158	5040.2

TRANSECT 2 STATION 6 D TRAWL 76MARCH
28 MAR 1976 SAMPLE AJYA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOBYTHITES MARGINATUS	1	2.5
TRACHURUS LATHAMI	1	7.7
SYNODUS POEYI	1	9.4
DECODON PUELLARIS	2	21.6
ZALIEUTES MCGINTYI	2	25.1
PORICHTHYS POROSISSIMUS	3	28.0
HALIEUTICHTHYS ACULEATUS	4	32.6
ANCYLOPSETTA DILECTA	1	36.4
PRIONOTUS STEARNSI	5	57.9
KATHETOSTOMA ALBIGUTTA	2	58.1
OGCOCEPHALUS SPECIES	1	82.2
STENOTOMUS CAPRINUS	1	92.2
SAURIDA BRASILIENSIS	30	119.8
PRIONOTUS RUBIO	6	168.3
UPENEUS PARVUS	12	260.3
SERRANUS ATROBRANCHUS	27	402.5
TRICHOPSETTA VENTRALIS	30	416.4
PRISTIPOMOIDES AQUILONARIS	28	813.9
SYNODUS FOETENS	13	2244.2
TOTALS 19	170	4879.1

TRANSECT 2 STATION 6 N TRAWL 76MARCH
27 MAR 1976 SAMPLE AJYC
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	2	.2
PONTINUS LONGISPINIS	4	1.8
NEOBYTHITES GILLI	3	4.4
PIKEA MEXICANA	2	5.0
SYNODUS POEYI	1	7.3
HOPLUNNIS MACRURUS	1	11.2
HALIEUTICHTHYS ACULEATUS	2	13.9
GYMNACHIRUS TEXAE	1	15.1
DECODON PUELLARIS	1	20.0
OGCOCEPHALUS SPECIES	1	20.0
PRIONOTUS PARALATUS	2	74.5
KATHETOSTOMA ALBIGUTTA	2	102.2
UROPHYCIS FLORIDANUS	1	143.0
SYNODUS FOETENS	1	156.1
CYCLOPSETTA CHITTENDENI	1	182.7
PORICHTHYS POROSISSIMUS	15	221.5
CENTROPRISTIS PHILADELPHICA	3	232.2
PRIONOTUS RUBIO	3	262.3
STENOTOMUS CAPRINUS	5	285.4
CAULOLATILUS INTERMEDIUS	4	361.2
SERRANUS AIROBRANCHUS	26	394.4
TRICHOPSETTA VENTRALIS	24	488.0
PRISTIPOMOIDES AQUILONARIS	9	992.7
TOTALS 23	114	3995.1

TRANSECT 2 STATION 1 D TRAWL 76APRIL
08 APR 1976 SAMPLE AKMT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	6.2
CITHARICHTHYS SPILOPTERUS	1	12.7
ANCHOA HEPSETUS	1	17.8
PEPRILUS ALEPIDOTUS	1	57.3
SYACIUM GUNTERI	4	69.4
SYNODUS FOETENS	4	81.7
TRICHIURUS LEPTURUS	9	151.9
PEPRILUS BURTI	52	702.4
TRACHURUS LATHAMI	57	838.1
CYNOSCION NOTHUS	58	868.4
TOTALS 10	188	2805.9

TRANSECT 2 STATION 1 N TRAWL 76APRIL
07 APR 1976 SAMPLE AKMV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BROTULA BARBATA	1	3.7
CENTROPRISTIS PHILADELPHICA	1	17.5
LEPOPHIDIUM GRAELLSI	2	23.4
SYMPHURUS PLAGIUSA	2	34.0
PEPRILUS BURTI	1	37.6
UROPHYCIS FLORIDANUS	1	42.8
TRACHURUS LATHAMI	3	59.6
SYACIUM GUNTERI	5	77.2
CYNOSCION NOTHUS	48	688.9
TOTALS 9	64	984.7

TRANSECT 2 STATION 1 D TRAWL 76APRIL
07 APR 1976 SAMPLE AKUT
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CITHARICHTHYS SPILOPTERUS	1	3.1
SPHOEROIDES PARVUS	1	4.5
CENTROPRISTIS PHILADELPHICA	1	35.5
SYNODUS FOETENS	3	52.9
TRICHIURUS LEPTURUS	9	65.6
SYACIUM GUNTERI	7	175.0
TRACHURUS LATHAMI	30	327.0
PEPRILUS BURTI	53	753.6
CYNOSCION NOTHUS	56	828.2
TOTALS 9	161	2245.4

TRANSECT 2 STATION 1 D TRAWL 76APRIL
07 APR 1976 SAMPLE AKUV
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCHOA HEPSETUS	1	19.4
CYNOSCION ARENARIUS	3	236.6
CYNOSCION NOTHUS	22	497.1
TRACHURUS LATHAMI	60	992.8
PEPRILUS BURTI	62	1243.8
TRICHIURUS LEPTURUS	83	1452.2
TOTALS 6	231	4441.9

TRANSECT 2 STATION 2 D TRAWL 76APRIL
09 APR 1976 SAMPLE AKUU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRACHURUS LATHAMI	1	3.2
PORICHTHYS POROSISSIMUS	1	9.4
SYNODUS POEYI	3	16.2
SPHOEROIDES PARVUS	1	17.9
CYCLOPSETTA CHITTENDENI	1	35.6
PRIONOTUS STEARNSI	5	42.9
VOMER SETAPINNIS	1	48.6
UPENEUS PARVUS	2	68.0
SAURIDA BRASILIENSIS	18	70.7
SYACIUM GUNTERI	5	74.1
CENTROPRISTIS PHILADELPHICA	2	103.1
SERRANUS ATROBRANCHUS	12	112.6
STENOTOMUS CAPRINUS	11	770.7
SYNODUS FOETENS	7	1198.3
TOTALS 14	70	2571.3

TRANSECT 2 STATION 2 N TRAWL 76APRIL
07 APR 1976 SAMPLE AKUS
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS LARVAL	7	.8
CAULOLATILUS INTERMEDIUS	1	.9
ANTENNARIUS RADIOSUS	1	1.9
APOGON AUROLINEATUS	1	3.3
TRACHURUS LATHAMI	1	5.0
SAURIDA BRASILIENSIS	2	8.9
SPHOEROIDES PARVUS	2	9.3
ENGYOPHRYS SENTA	2	9.5
PRISTIPOMOIDES AQUILONARIS	1	13.6
LUTJANUS CAMPECHANUS	1	20.6
SYNODUS POEYI	4	22.8
PRIONOTUS PARALATUS	3	23.0
BOLLMANNIA COMMUNIS	8	24.9
DIPLECTRUM BIVITTATUM	1	27.4
UPENEUS PARVUS	1	32.1
PRIONOTUS STEARNSI	4	43.9
HOPLOUNIS MACRURUS	7	56.7
SYACIUM GUNTERI	5	81.2
GYMNOTHORAX NIGROMARGINATUS	1	85.4
SYNODUS FOETENS	1	94.0
PORICHTHYS POROSISSIMUS	12	118.7
PRIONOTUS RUBIO	4	151.2
CENTROPRISTIS PHILADELPHICA	8	214.0
LEPOPHIDIUM GRAELLSI	12	227.2
CYCLOPSETTA CHITTENDENI	4	286.6
SERRANUS AITOBRANCHUS	70	512.6
STENOTOMUS CAPRINUS	8	513.4
TOTALS 27	172	2588.9

TRANSECT 2 STATION 2 D TRAWL 76APRIL
07 APR 1976 SAMPLE AKUX
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	3.1
TRACHURUS LATHAMI	1	3.7
SYACIUM GUNTERI	1	9.5
PRIONOTUS STEARNSI	1	11.0
PORICHTHYS POROSISSIMUS	1	11.2
CHLOROSCOMBRUS CHRYSURUS	2	92.4
UPENEUS PARVUS	2	110.1
STENOTOMUS CAPRINUS	8	452.8
SYNODUS FOETENS	4	690.8
TOTALS 9	21	1384.6

TRANSECT 2 STATION 2 D TRAWL 76APRIL
07 APR 1976 SAMPLE AKUZ
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	9.5
SAURIDA BRASILIENSIS	3	15.4
LUTJANUS CAMPECHANUS	1	22.8
VOMER SETAPINNIS	1	92.1
CENTROPRISTIS PHILADELPHICA	3	394.0
SYNODUS FOETENS	5	450.7
STENOTOMUS CAPRINUS	9	520.0
TOTALS 7	23	1504.5

TRANSECT 2 STATION 3 D TRAWL 76APRIL
10 APR 1976 SAMPLE AKRM
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MONOLENE SESSILICAUDA	1	1.7
PORICHTHYS POROSISSIMUS	1	8.2
OGCOCEPHALUS SPECIES	1	10.0
PRIONOTUS STEARNSI	3	33.0
PEPRILUS BURTI	1	55.4
UPENEUS PARVUS	3	66.6
TRACHURUS LATHAMI	6	67.9
SAURIDA BRASILIENSIS	20	83.4
TRICHOPSETTA VENTRALIS	5	84.2
PRIONOTUS PARALATUS	7	197.3
PONTINUS LONGISPINIS	4	210.3
STENOTOMUS CAPRINUS	5	228.8
SERRANUS AITROBRANCHUS	12	263.0
SYNODUS FOETENS	3	342.5
PRISTIPOMOIDES AQUILONARIS	18	1327.8
TOTALS 15	90	2980.1

TRANSECT 2 STATION 3 N TRAWL 76APRIL
09 APR 1976 SAMPLE AKRO
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PORICHTHYS POROSISSIMUS	1	7.7
MONOLENE SESSILICAUDA	5	8.4
ZALIEUTES MCGINTYI	1	9.3
NEOBYTHITES MARGINATUS	3	13.0
PIKEA MEXICANA	1	14.1
GYMNACHIRUS TEXAE	1	21.2
HALIEUTICHTHYS ACULEATUS	6	39.5
PRIONOTUS STEARNSI	3	40.0
HOPLONNIS MACRURUS	3	43.2
UROPHYCIS FLORIDANUS	1	62.6
ANCYLOPSETTA DILECTA	2	64.0
EQUETUS ACUMINATUS	1	67.3
HEMBROPS ANATIROSTRIS	4	72.7
CAULOLATILUS INTERMEDIUS	1	90.2
UPENEUS PARVUS	3	92.6
PEPRILUS BURTI	2	111.5
TRACHURUS LATHAMI	3	123.5
LAGODON RHOMBOIDES	4	273.3
STENOTOMUS CAPRINUS	6	287.4
SYNODUS FOETENS	1	355.2
TRICHOPSETTA VENTRALIS	27	429.6
PRIONOTUS PARALATUS	24	536.2
SERRANUS AITROBRANCHUS	36	725.9
PONTINUS LONGISPINIS	19	942.1
PRISTIPOMOIDES AQUILONARIS	64	3120.8
TOTALS 25	222	7551.3

TRANSECT 2 STATION 4 D TRAWL 76APRIL
08 APR 1976 SAMPLE AKNS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	5.4
UPENEUS PARVUS	1	12.0
PRIONOTUS STEARNSI	2	15.8
SYACIUM GUNTERI	2	20.9
SERRANUS ATROBRANCHUS	4	55.7
PRISTIPOMOIDES AQUILONARIS	7	113.2
SYNODUS FOETENS	4	204.2
CENTROPRISTIS PHILADELPHICA	5	214.4
DIPLECTRUM BIVITTATUM	18	441.7
TOTALS 9	44	1083.3

TRANSECT 2 STATION 4 N TRAWL 76APRIL
07 APR 1976 SAMPLE AKNU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS LARVAL	2	.3
BOLLMANNIA COMMUNIS	1	3.6
SPHOEROIDES PARVUS	1	4.0
PRIONOTUS RUBIO	2	4.3
BREGMACEROS ATLANTICUS	4	6.6
TRACHURUS LATHAMI	1	7.4
HALIEUTICHTHYS ACULEATUS	1	8.6
SAURIDA BRASILIENSIS	4	14.7
PRISTIPOMOIDES AQUILONARIS	1	17.8
CYCLOPSETTA CHITTENDENI	1	22.4
ENGYOPHRYS SENTA	5	24.6
SERRANUS ATROBRANCHUS	6	34.7
TRICHIURUS LEPTURUS	2	41.5
CENTROPRISTIS PHILADELPHICA	3	100.3
MENTICIRRHUS AMERICANUS	1	129.7
SYACIUM GUNTERI	8	153.3
DIPLECTRUM BIVITTATUM	7	174.2
SYNODUS FOETENS	2	241.5
TOTALS 18	52	989.5

TRANSECT 2 STATION 5 D TRAWL 76APRIL
09 APR 1976 SAMPLE AKPP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	8.2
TRACHURUS LATHAMI	5	20.8
STENOTOMUS CAPRINUS	1	57.3
LAGOCEPHALUS LAEVIGATUS	1	72.7
MICROPOGON UNDULATUS	1	78.3
UPENEUS PARVUS	2	89.5
TOTALS 6	11	326.8

TRANSECT 2 STATION 5 N TRAWL 76APRIL
08 APR 1976 SAMPLE AKPR
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	11	2.6
SYNODUS POEYI	1	8.6
APOGON AUROLINEATUS	11	16.0
GYMNACHIRUS TEXAE	1	16.4
PRIONOTUS STEARNSI	7	40.9
PRISTIPOMOIDES AQUILONARIS	1	48.6
LEPOPHIDIUM GRAELLSI	2	58.7
TRACHURUS LATHAMI	2	67.0
PRIONOTUS RUBIO	2	70.1
TRICHOPSETTA VENTRALIS	4	81.5
MICROPOGON UNDULATUS	1	101.1
HOPLUNNIS MACRURUS	14	186.6
KATHETOSTOMA ALBIGUTTA	10	306.9
STENOTOMUS CAPRINUS	5	330.2
CYCLOPSETTA CHITTENDENI	2	333.3
SYNODUS FOETENS	2	361.7
SERRANUS ATROBRANCHUS	44	458.4
CENTROPRISTIS PHILADELPHICA	12	527.1
PORICHTHYS POROSISSIMUS	70	753.9
TOTALS 19	202	3769.6

TRANSECT 2 STATION 6 D TRAWL 76APRIL
10 APR 1976 SAMPLE AKWN
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PONTINUS LONGISPINIS	1	.4
UPENEUS PARVUS	1	17.7
HALIEUTICHTHYS ACULEATUS	3	20.2
KATHETOSTOMA ALBIGUTTA	2	34.1
PRIONOTUS STEARNSI	6	64.2
PRISTIPOMOIDES AQUILONARIS	1	73.4
ZALIEUTES MCGINTYI	3	143.3
CYCLOPSETTA CHITTENDENI	1	144.9
SAURIDA BRASILIENSIS	39	165.7
PRIONOTUS RUBIO	4	202.0
PRIONOTUS PARALATUS	11	228.6
STENOTOMUS CAPRINUS	3	253.5
PORICHTHYS POROSISSIMUS	19	263.7
SERRANUS ATROBRANCHUS	22	328.0
SYNODUS FOETENS	3	361.7
CENTROPRISTIS PHILADELPHICA	5	417.5
TRICHOPSETTA VENTRALIS	20	431.3
TOTALS 17	144	3150.2

TRANSECT 2 STATION 6 N TRAWL 76APRIL
09 APR 1976 SAMPLE AKUP
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	.2
APOGON AURULINEATUS	1	1.7
PIKEA MEXICANA	1	2.4
NEOBYTHITES MARGINATUS	2	8.0
HALIEUTICHTHYS ACULEATUS	1	10.0
SYNODUS POEYI	3	13.9
UPENEUS PARVUS	1	19.6
PONTINUS LONGISPINIS	1	48.0
UROPHYCIS FLORIDANUS	1	62.4
KATHETOSTOMA ALBIGUTTA	2	81.3
LEPOPHIDIUM GRAELLSI	3	115.5
PRIONOTUS RUBIO	1	141.1
TRICHOPSETTA VENTRALIS	10	144.9
HOPLUNNIS MACRURUS	15	205.0
SYNODUS FOETENS	2	325.5
CENTROPRISTIS PHILADELPHICA	4	331.5
SCORPAENA BRASILIENSIS	2	346.2
PRIONOTUS PARALATUS	15	460.0
PORICHTHYS POROSISSIMUS	58	602.8
PRISTIPOMOIDES AQUILONARIS	12	668.1
SERRANUS ATROBRANCHUS	55	774.4
STENOTOMUS CAPRINUS	14	820.1
TOTALS 22	205	5182.6

TRANSECT 1 STATION 1 D TRAWL 76SPRING
13 JUN 1976 SAMPLE ALXZ
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	1.1
PRIONOTUS RUBIO	1	2.8
SCOMBEROMORUS CAVALLA	1	8.0
LAGOCEPHALUS LAEVIGATUS	4	38.3
ANCHOA MITCHILLI	19	41.8
LEIOSTOMUS XANTHURUS	1	59.9
SELAR CROMENOPHTHALMUS	1	63.1
SYNODUS FOETENS	1	66.5
TRICHIURUS LEPTURUS	5	170.7
MENTICIRRHUS AMERICANUS	1	178.0
SPHYRAENA GUACHANCHO	2	291.2
VOMER SETAPINNIS	12	461.9
HARENGULA PENSACOLAE	16	497.3
PEPRILUS BURTI	39	1350.4
MICROPOGON UNDULATUS	95	2005.0
ANCHOA HEPSETUS	149	3079.3
CYNOSCION NOTHUS	103	3364.7
CYNOSCION ARENARIUS	443	3591.6
CHLOROSCOMBRUS CHRYSURUS	259	3657.1
POLYDACTYLUS OCTONEMUS	405	7161.5
TOTALS 26	1558	26090.2

TRANSECT 1 STATION 1 N TRAWL 76SPRING
13 JUN 1976 SAMPLE ALYC
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MONACANTHUS HISPIDUS	1	4.2
OPHIDION WELSHI	1	12.3
BROTULA BARBATA	1	22.1
CITHARICHTHYS SPILOPTERUS	4	26.0
ANCHOA MITCHILLI	10	26.3
TRACHURUS LATHAMI	1	40.1
ANCYLOPSETTA QUADROCELLATA	2	43.2
LAGOCEPHALUS LAEVIGATUS	7	46.3
PORICHTHYS POROSISSIMUS	3	47.1
SPHOEROIDES PARVUS	59	48.4
ETROPUS CROSSOTUS	8	58.6
SYMPHURUS PLAGIUSA	11	93.9
LEPOPHIDIUM GRAELLSI	8	97.9
GYMNOTHORAX NIGROMARGINATUS	3	104.9
LEIOSTOMUS XANTHURUS	3	184.2
SYACIUM GUNTERI	33	330.8
MENTICIRRHUS AMERICANUS	3	394.0
CYNOSCION NOTHUS	75	615.6
LARIMUS FASCIATUS	71	1112.5
PRIONOTUS RUBIO	249	1553.0
POLYDACTYLUS OCTONEMUS	248	4600.3
MICROPOGON UNDULATUS	602	13029.2
TOTALS 22	1383	22490.9

TRANSECT 1 STATION 2 D TRAWL 76SPRING
13 JUN 1976 SAMPLE AMAA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	2.4
CENTROPRISTIS PHILADELPHICA	2	2.6
PRIONOTUS RUBIO	1	4.9
STENOTOMUS CAPRINUS	1	8.6
ETROPUS CROSSOTUS	2	9.0
PRIONOTUS STEARNSI	7	12.6
ANCHOA HEPSETUS	1	15.5
MICROPOGON UNDULATUS	1	23.8
LAGOCEPHALUS LAEVIGATUS	9	77.8
SERRANUS ATROBRANCHUS	13	82.9
PRISTIPOMOIDES AQUILONARIS	4	97.6
SAURIDA BRASILIENSIS	16	98.8
STACIUM GUNTERI	6	103.3
CYCLOPSETTA CHITTENDENI	2	223.1
SYNODUS FOETENS	5	363.2
PEPRILUS BURTI	13	668.5
TRACHURUS LATHAMI	487	7748.1
TOTALS 17	571	9542.7

TRANSECT 1 STATION 2 N TRAWL 76SPRING
12 JUN 1976 SAMPLE AMAD
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
STENOTOMUS CAPRINUS	2	1.2
CENTROPRISTIS PHILADELPHICA	1	5.3
PRIONOTUS RUBIO	1	9.4
BOLLMANNIA COMMUNIS	3	17.3
ANTENNARIUS RADIOSUS	2	17.6
SERRANUS ATROBRANCHUS	6	18.4
TRACHURUS LATHAMI	2	33.6
ENGYOPHRYS SENTA	7	34.6
CITHARICHTHYS SPILOPTERUS	2	36.1
BROTULA BARBATA	2	41.4
PORICHTHYS POROSISSIMUS	1	43.6
LUTJANUS CAMPECHANUS	1	62.6
CYCLOPSETTA CHITTENDENI	3	163.3
STACIUM GUNTERI	31	450.8
TOTALS 14	64	935.2

TRANSECT 1 STATION 3 D TRAWL 76SPRING
13 JUN 1976 SAMPLE AMBW
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHOPSETTA VENTRALIS	1	21.9
ZALIEUTES MCGINTYI	1	22.8
TOTALS 2	2	44.7

TRANSECT 1 STATION 3 N TRAWL 76SPRING
13 JUN 1976 SAMPLE AMBZ
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	6.3
LEPOPHIDIUM GRAELLSI	1	34.0
TRACHURUS LATHAMI	1	44.8
UROPHYCIS FLORIDANUS	1	67.9
SERRANUS AITRUBRANCHUS	6	107.2
TRICHOPSETTA VENTRALIS	8	119.6
STENOTOMUS CAPRINUS	4	165.6
PRIONOTUS PARALATUS	9	278.2
PONTINUS LONGISPINIS	7	319.9
PRISTIPOMOIDES AQUILONARIS	21	1615.3
TOTALS 10	59	2758.8

TRANSECT 1 STATION 4 D TRAWL 76SPRING
13 JUN 1976 SAMPLE AMDR
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	9	14.8
PEPRILUS ALEPIDOTUS	2	15.5
LACTOPHRYS QUADRICORNIS	1	16.6
OPHIDION WELSHI	2	27.2
LAGOCEPHALUS LAEVIGATUS	5	28.2
ANCHOA MITCHILLI	14	29.0
PRIONOTUS RUBIO	2	41.8
CHLOROSCOMBRUS CHRYSURUS	5	84.0
LEIOSTOMUS XANTHURUS	3	128.2
MENTICIRRHUS AMERICANUS	3	138.1
STELLIFER LANCEOLATUS	15	193.1
ARIUS FELIS	1	200.0
BREVOORTIA GUNTERI	6	338.2
CYNOSCION ARENARIUS	126	1237.2
LARIMUS FASCIATUS	74	1256.8
CYNOSCION NOTHUS	114	3498.9
TRICHIURUS LEPTURUS	139	5176.7
POLYDACTYLUS OCTONEMUS	604	9341.9
MICROPOGON UNDULATUS	1098	15199.9
TOTALS 19	2223	36958.1

TRANSECT 1 STATION 4 N TRAWL 76SPRING
12 JUN 1976 SAMPLE AMDT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ETROPUS CROSSOTUS	2	8.4
ANCYLOPSETTA QUADROCELLATA	1	17.8
SYACIUM GUNTERI	21	22.7
LAGOCEPHALUS LAEVIGATUS	6	27.7
SPHOEROIDES PARVUS	34	51.4
CENTROPRISTIS PHILADELPHICA	15	72.3
LEIOSTOMUS XANTHURUS	1	75.0
CYNOSCION NOTHUS	4	85.9
ARIUS FELIS	1	92.0
SYMPHURUS PLAGIUSA	10	96.6
OPHIDION WELSHI	11	115.7
CHILOMYCTERUS SCHOEPFI	2	143.4
MENTICIRRHUS AMERICANUS	3	145.6
ANCHOA MITCHILLI	110	191.6
PRIONOTUS TRIBULUS	7	196.1
OPHICHTHUS GOMESI	1	306.4
STELLIFER LANCEOLATUS	43	522.7
CYNOSCION ARENARIUS	121	1220.3
PRIONOTUS RUBIO	223	1271.4
POLYDACTYLUS OCTONEMUS	143	2361.8
MICROPOGON UNDULATUS	167	2901.1
LARIMUS FASCIATUS	203	3111.2
TOTALS 22	1129	13037.1

TRANSECT 1 STATION 5 D TRAWL 76SPRING
14 JUN 1976 SAMPLE AMFL
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	13.5
SAURIDA BRASILIENSIS	5	23.6
SCOMBER JAPONICUS	1	30.3
UPENEUS PARVUS	1	32.3
LAGOCEPHALUS LAEVIGATUS	1	34.6
CENTROPRISTIS PHILADELPHICA	1	37.0
PRIONOTUS RUBIO	1	53.8
TRICHOPSETTA VENTRALIS	2	61.1
PRIONOTUS STEARNSI	9	71.9
SERRANUS ATROBRANCHUS	5	89.6
TRACHURUS LATHAMI	3	98.9
PRISTIPOMOIDES AQUILONARIS	1	127.3
SYNODUS FOETENS	3	471.1
STENOTOMUS CAPRINUS	14	512.6
TOTALS 14	44	1657.6

TRANSECT 1 STATION 5 N TRAWL 76SPRING
14 JUN 1976 SAMPLE AMFN
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	4	5.9
HOPLUNNIS MACRURUS	1	12.3
KATHETOSTOMA ALBIGUTTA	1	36.0
LEPOPHIDIUM GRAELLSI	2	36.7
SYNODUS POEYI	6	42.0
CAULOLATILUS INTERMEDIUS	1	53.4
PORICHTHYS POROSISSIMUS	4	58.8
TRACHURUS LATHAMI	2	75.8
UROPHYCIS FLORIDANUS	1	78.0
TRICHOPSETTA VENTRALIS	4	109.0
PRIONOTUS PARALATUS	5	124.8
PRIONOTUS RUBIO	3	131.8
CYCLOPSETTA CHITTENDENI	1	229.7
UPENEUS PARVUS	6	248.8
STENOTOMUS CAPRINUS	11	449.6
CENTROPRISTIS PHILADELPHICA	8	474.6
PRISTIPOMOIDES AQUILONARIS	7	572.3
SERRANUS AIROBRANCHUS	18	671.8
PRIONOTUS STEARNSI	78	903.2
SYNODUS FOETENS	5	947.6
TOTALS 20	178	5262.1

TRANSECT 1 STATION 6 D TRAWL 76SPRING
13 JUN 1976 SAMPLE AMHF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
STENOTOMUS CAPRINUS	1	31.7
PEPRILUS BURTI	4	286.0
TOTALS 2	5	317.7

TRANSECT 1 STATION 6 N TRAWL 76SPRING
13 JUN 1976 SAMPLE AMHH
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	4	25.6
ANTENNARIUS RADIOSUS	1	30.9
PEPRILUS BURTI	1	47.4
PRIONOTUS RUBIO	1	64.0
OGCOCEPHALUS SPECIES	4	70.4
SERRANUS AIROBRANCHUS	6	102.4
CENTROPRISTIS PHILADELPHICA	1	143.5
TRICHOPSETTA VENTRALIS	14	165.6
STENOTOMUS CAPRINUS	3	178.8
PRISTIPOMOIDES AQUILONARIS	4	310.9
PRIONOTUS PARALATUS	11	417.8
NEOMERINTHE HEMINGWAYI	1	1039.0
TOTALS 12	47	2596.3

TRANSECT 2 STATION 1 D TRAWL 75SPRING
10 JUN 1976 SAMPLE AMIZ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MONACANTHUS HISPIDUS	2	1.8
ANCHOA NASUTA	2	12.7
ANCHOA HEPSETUS	7	15.1
SYACIUM GUNTERI	1	33.6
LAGOCEPHALUS LAEVIGATUS	7	40.6
TRACHURUS LATHAMI	7	150.8
PEPRILUS BURTI	12	294.4
TOTALS 7	38	549.0

TRANSECT 2 STATION 1 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMJC
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	3	3.3
LAGOCEPHALUS LAEVIGATUS	1	8.0
PRIONOTUS RUBIO	3	8.7
LEPOPHIDIUM GRAELLSI	1	11.3
CYNOSCION NOTHUS	5	21.5
SYMPHURUS PLAGIUSA	1	25.2
TRACHURUS LATHAMI	6	116.4
CENTROPRISTIS PHILADELPHICA	22	134.0
SYACIUM GUNTERI	14	177.1
TOTALS 9	52	505.5

TRANSECT 2 STATION 1 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMJX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	3.7
SPHOEROIDES PARVUS	11	10.9
HOPLUNNIS MACRURUS	3	12.1
ANCHOA HEPSETUS	2	22.6
OPISTHONEMA OGLINUM	1	28.0
BROTULA BARBATA	1	29.5
SYACIUM GUNTERI	10	96.5
LEPOPHIDIUM GRAELLSI	16	195.2
CYNOSCION NOTHUS	38	229.1
CENTROPRISTIS PHILADELPHICA	41	291.6
POLYDACTYLUS OCTONEMUS	33	716.2
TOTALS 11	157	1636.0

TRANSECT 2 STATION 1 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMJZ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LAGOCEPHALUS LAEVIGATUS	1	3.9
MONACANTHUS HISPIDUS	1	4.5
BROTULA BARBATA	1	6.3
BOLLMANNIA COMMUNIS	1	7.3
SPHOEROIDES PARVUS	12	10.2
PRIONOTUS RUBIO	5	10.7
CITHARICHTHYS SPILOPTERUS	2	16.9
LEPOPHIDIUM GRAELLSI	4	35.7
ETROPUS CROSSOTUS	2	51.0
PORICHTHYS POROSISSIMUS	1	56.9
VOMER SETAPINNIS	1	58.3
CYNOSCION ARENARIUS	26	67.8
SYMPHURUS PLAGIUSA	5	124.1
SYACIUM GUNTERI	12	195.4
CENTROPRISTIS PHILADELPHICA	33	246.9
POLYDACTYLUS OCTONEMUS	41	909.0
TOTALS 16	148	1804.9

TRANSECT 2 STATION 2 D TRAWL 76SPRING
10 JUN 1976 SAMPLE AMLA
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANTENNARIUS RADIOSUS	1	6.8
PRIONOTUS STEARNSI	3	11.2
SERRANUS AITRUBRANCHUS	1	14.7
SAURIDA BRASILIENSIS	10	49.2
LAGOCEPHALUS LAEVIGATUS	7	67.6
CENTROPRISTIS PHILADELPHIA	2	75.8
UPENEUS PARVUS	2	79.4
TRACHURUS LATHAMI	5	112.0
PEPRILUS BURTI	10	382.5
SYNODUS FOETENS	9	1226.8
TOTALS 10	50	2026.0

TRANSECT 2 STATION 2 D TRAWL 76SPRING
10 JUN 1976 SAMPLE AMAE
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANTENNARIUS RADIOSUS	1	6.0
UPENEUS PARVUS	1	30.2
PRIONOTUS STEARNSI	11	35.8
LAGOCEPHALUS LAEVIGATUS	4	51.5
SERRANUS AITRUBRANCHUS	6	90.2
SAURIDA BRASILIENSIS	30	128.2
PRISTIPOMOIDES AQUILONARIS	7	235.1
PEPRILUS BURTI	6	323.9
CYCLOPSETTA CHITTENDENI	3	352.7
TRACHURUS LATHAMI	29	485.7
SYNODUS FOETENS	9	678.8
TOTALS 11	107	2418.1

TRANSECT 2 STATION 2 D TRAWL 76SPRING
10 JUN 1976 SAMPLE AMAC
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	1	16.3
LAGOCEPHALUS LAEVIGATUS	3	20.9
SERRANUS AITRUBRANCHUS	2	29.5
UPENEUS PARVUS	1	33.1
LUTJANUS CAMPECHANUS	1	113.6
PRISTIPOMOIDES AQUILONARIS	7	223.5
PEPRILUS BURTI	4	280.8
SYNODUS FOETENS	9	1059.8
TRACHURUS LATHAMI	66	1177.8
TOTALS 9	94	2955.3

TRANSECT 2 STATION 2 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMLD
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	2	2.9
GYMNACHIRUS TEXAE	1	3.4
ANCYLOPSETTA DILECTA	1	13.1
SYMPHURUS PARVUS	8	14.3
ENGYOPHRYS SENTA	4	15.3
GYMNACHIRUS TEXAE	1	15.6
PRIONOTUS PARALATUS	4	19.0
PRIONOTUS STEARNSI	4	21.6
SYNODUS POEYI	4	23.9
PRISTIPOMOIDES AQUILONARIS	1	24.6
PORICHTHYS POROSISSIMUS	1	32.7
UROPHYCIS FLORIDANUS	1	33.4
ANTENNARIUS RADIOSUS	4	43.4
GYMNOTHORAX NIGROMARGINATUS	1	51.9
LUTJANUS CAMPECHANUS	1	52.2
HOPLUNNIS MACRURUS	4	55.7
BROTULA BARBATA	3	72.6
SAURIDA BRASILIENSIS	13	88.4
LEPOPHIDIUM GRAELLSI	5	91.7
PRIONOTUS RUBIO	7	97.2
BOLLMANNIA COMMUNIS	30	107.5
SYNODUS FOETENS	5	414.5
SERRANUS ATROBRANCHUS	72	419.9
CENTROPRISTIS PHILADELPHICA	24	648.3
SYACIUM GUNTERI	42	749.8
CYCLOPSETTA CHITTENDENI	14	1000.0
TOTALS 26	257	4112.9

TRANSECT 2 STATION 3 D TRAWL 76SPRING
27 JUN 1976 SAMPLE AMNB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHOPSETTA VENTRALIS	1	20.2
SERRANUS ATROBRANCHUS	2	42.2
ANCYLOPSETTA DILECTA	2	98.0
PRIONOTUS PARALATUS	2	99.7
STENOTOMUS CAPRINUS	1	100.0
PONTINUS LONGISPINIS	4	159.8
PEPRILUS BURTI	8	496.4
PRISTIPOMOIDES AQUILONARIS	24	1921.8
TOTALS 8	44	2938.1

TRANSECT 2 STATION 3 N TRAWL 76SPRING
27 JUN 1976 SAMPLE AMNE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	7.5
TRICHOPSETTA VENTRALIS	1	16.7
GYMNACHIRUS TEXAE	1	18.8
LEPOPHIDIUM GRAELLSI	1	22.7
TRACHURUS LATHAMI	1	39.4
PRIONOTUS PARALATUS	4	89.9
SYNODUS FOETENS	1	106.4
LAGODON RHOMBOIDES	2	135.7
PONTINUS LONGISPINIS	3	174.9
PRIACANTHUS ARENATUS	1	182.0
CENTROPRISTIS PHILADELPHICA	1	212.9
SERRANUS ATROBRANCHUS	15	299.5
UROPHYCIS FLORIDANUS	1	363.9
STENOTOMUS CAPRINUS	11	729.0
PRISTIPOMOIDES AQUILONARIS	15	1155.7
TOTALS 15	59	3555.0

TRANSECT 2 STATION 4 D TRAWL 76SPRING
11 JUN 1976 SAMPLE AMOW
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS RUBIO	1	5.6
SYACIUM GUNTERI	1	5.7
SAURIDA BRASILIENSIS	1	10.1
SYNODUS FOETENS	1	44.2
LAGOCEPHALUS LAEVIGATUS	8	45.6
PRISTIPOMOIDES AQUILONARIS	3	56.0
DIPLECTRUM BIVITTATUM	4	103.7
CYCLOPSETTA CHITTENDENI	1	127.5
PEPRILUS BURTI	18	697.4
TRACHURUS LATHAMI	166	2507.1
TOTALS 10	204	3600.7

TRANSECT 2 STATION 4 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMOY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	1.0
SYNODUS POEYI	12	1.4
SYMPHURUS PARVUS	1	2.1
PRIONOTUS STEARNSI	2	2.6
TRACHURUS LATHAMI	2	3.8
LAGOCEPHALUS LAEVIGATUS	3	5.9
SAURIDA BRASILIENSIS	4	6.5
HALIEUTICHTHYS ACULEATUS	2	7.5
OGCOCEPHALUS SPECIES	1	7.9
BREGMACEROS ATLANTICUS	9	8.4
UPENEUS PARVUS	3	11.0
PRISTIPOMOIDES AQUILONARIS	1	11.6
PORICHTHYS POROSISSIMUS	1	13.1
SPHOEROIDES PARVUS	24	15.5
LEPOPHIDIUM GRAELLSI	2	18.4
CYCLOPSETTA CHITTENDENI	1	23.0
POLYDACTYLUS OCTONEMUS	1	23.0
BROTULA BARBATA	1	24.4
PRIONOTUS PARALATUS	9	33.3
BOLLMANNIA COMMUNIS	8	38.1
ENGYOPHRYS SENTA	9	40.7
SYNODUS FOETENS	1	42.0
CENTROPRISTIS PHILADELPHICA	24	45.2
PRIONOTUS RUBIO	18	93.6
CITHARICHTHYS SPILOPTERUS	9	148.4
CYNOSCION ARENARIUS	24	157.8
STENOTOMUS CAPRINUS	590	180.5
DIPLECTRUM BIVITTATUM	8	237.1
SERRANUS AITRORANCHUS	127	316.8
SYACIUM GUNTERI	81	1260.1
TOTALS 30	779	2780.9

TRANSECT 2 STATION 5 D TRAWL 76SPRING
11 JUN 1976 SAMPLE AMOO
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	2	10.8
LAGOCEPHALUS LAEVIGATUS	1	32.8
ANCYLOPSETTA DILECTA	1	77.3
CENTROPRISTIS PHILADELPHICA	1	84.1
SERRANUS ATROBRANCHUS	6	88.3
PRIONOTUS RUBIO	1	101.0
VOMER SETAPINNIS	1	119.7
CYCLOPSETTA CHITTENDENI	1	149.3
STENOTOMUS CAPRINUS	4	236.6
TRACHURUS LATHAMI	6	250.6
UPENEUS PARVUS	8	298.6
SYNODUS FOETENS	4	740.7
TOTALS 12	36	2189.8

TRANSECT 2 STATION 5 N TRAWL 76SPRING
10 JUN 1976 SAMPLE AMOO
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	1	.6
SYMPHURUS PARVUS	1	1.2
ETROPUS CROSSOTUS	1	2.5
APOGON LARVAL	1	2.6
HALIEUTICHTHYS ACULEATUS	1	6.0
ANTENNARIUS RADIOSUS	1	6.1
SYNODUS POEYI	3	27.5
ZALIEUTES MCGINTYI	1	36.7
OGCOCEPHALUS SPECIES	3	44.5
PRIONOTUS RUBIO	1	53.1
PORICHTHYS POROSISSIMUS	6	62.6
UPENEUS PARVUS	1	80.2
SYNODUS FOETENS	1	99.2
TRICHOPSETTA VENTRALIS	5	113.1
STENOTOMUS CAPRINUS	2	122.6
ANCYLOPSETTA QUADROCELLATA	1	123.1
PRIONOTUS STEARNSI	12	160.3
SERRANUS ATROBRANCHUS	14	201.2
CENTROPRISTIS PHILADELPHICA	4	237.6
KAIHETOSTOMA ALBIGUTTA	6	277.5
CYCLOPSETTA CHITTENDENI	3	467.1
TOTALS 21	69	2145.3

TRANSECT 3 STATION 1 D TRAWL 76SPRING
19 JUN 1976 SAMPLE AMXB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	2	12.6
LAGOCEPHALUS LAEVIGATUS	4	13.8
DIPLECTRUM BIVITTATUM	1	25.9
CYNOSCION ARENARIUS	5	33.7
SYACIUM GUNTERI	2	43.1
UPENEUS PARVUS	6	68.4
STENOTOMUS CAPRINUS	21	70.6
CHLOROSCOMBRUS CHRYSURUS	2	72.4
PEPRILUS BURTI	45	260.1
ANCHOA HEPSETUS	47	626.5
TRACHURUS LATHAMI	620	8692.1
TOTALS 11	755	9939.2

TRANSECT 2 STATION 6 D TRAWL 76SPRING
27 JUN 1976 SAMPLE AMSG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	1	14.4
PRIONOTUS PARALATUS	2	55.1
KATHETOSTOMA ALBIGUTTA	1	61.3
SERRANUS ATROBRANCHUS	4	69.9
TRICHOPSETTA VENTRALIS	4	94.8
STENOTOMUS CAPRINUS	1	97.4
PRIONOTUS RUBIO	2	129.3
TOTALS 7	15	522.2

TRANSECT 2 STATION 6 N TRAWL 76SPRING
27 JUN 1976 SAMPLE AMSI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOBYTHITES GILLI	1	4.7
TRICHOPSETTA VENTRALIS	2	49.3
PORICHTHYS POROSISSIMUS	3	49.3
KATHETOSTOMA ALBIGUTTA	1	87.5
TRACHURUS LATHAMI	3	133.9
PRIONOTUS PARALATUS	5	168.2
SERRANUS ATROBRANCHUS	10	169.7
CENTROPRISTIS PHILADELPHICA	2	273.1
SYNODUS FOETENS	1	322.6
STENOTOMUS CAPRINUS	12	698.1
PRISTIPOMOIDES AQUILONARIS	13	1179.3
TOTALS 11	55	3125.7

TRANSECT 3 STATION 1 N TRAWL 76SPRING
19 JUN 1976 SAMPLE AMXE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	2	1.5
PRIONOTUS PARALATUS	1	3.0
LAGOCEPHALUS LAEVIGATUS	2	3.2
TRICHIURUS LEPTURUS	1	6.0
SERRANUS ATROBRANCHUS	2	7.5
GYMNOTHORAX NIGROMARGINATUS	1	10.9
HOPLUNNIS MACRURUS	1	11.5
CONGRINA FLAVA	1	14.0
UPENEUS PARVUS	5	16.8
SYNODUS FOETENS	4	19.0
BOLLMANNIA COMMUNIS	7	20.8
BROTULA BARBATA	2	26.1
PRISTIPOMOIDES AQUILONARIS	1	28.5
LEPOPHIDIUM GRAELLSI	2	30.2
PRIONOTUS RUBIO	7	33.7
SPHOEROIDES PARVUS	150	43.9
CYNOSCION ARENARIUS	17	66.1
SAURIDA BRASILIENSIS	9	74.6
SYMPHURUS PLAGIUSA	7	135.6
CENTROPRISTIS PHILADELPHICA	70	216.9
SYACIUM GUNTERI	19	275.3
STENOTOMUS CAPRINUS	270	398.9
TOTALS 22	581	1444.0

TRANSECT 3 STATION 2 D TRAWL 76SPRING
19 JUN 1976 SAMPLE AMZB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LAGOCEPHALUS LAEVIGATUS	1	27.3
PRISTIPOMOIDES AQUILONARIS	1	39.6
UPENEUS PARVUS	1	43.8
VOMER SETAPINNIS	1	87.1
MICROPOGON UNDULATUS	1	135.3
GYMNOTHORAX NIGROMARGINATUS	1	146.8
PEPRILUS BURTI	4	152.0
SYNODUS FOETENS	4	472.8
TRACHURUS LATHAMI	66	1322.9
TOTALS 9	80	2427.6

TRANSECT 3 STATION 2 N TRAWL 76SPRING
21 JUN 1976 SAMPLE AMZE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	12.0
SYNODUS POEYI	2	15.5
BROTULA BARBATA	2	26.8
HOPLUNNIS MACRURUS	2	27.8
UPENEUS PARVUS	1	40.9
KAIHETOSTOMA ALBIGUTTA	4	48.0
LEPOPHIDIUM GRAELLSI	3	59.1
PORICHTHYS POROSISSIMUS	5	67.9
SERRANUS ATROBRANCHUS	6	88.5
CENTROPRISTIS PHILADELPHICA	3	117.2
CYNOSCION ARENARIUS	1	179.5
TOTALS 11	30	683.2

TRANSECT 3 STATION 3 D TRAWL 76SPRING
27 JUN 1976 SAMPLE ANAY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS PARALATUS	1	22.9
TRICHOPSETTA VENTRALIS	1	23.8
UPENEUS PARVUS	1	35.9
TRACHURUS LATHAMI	1	62.2
STENOTOMUS CAPRINUS	3	205.2
TOTALS 5	7	350.0

TRANSECT 3 STATION 3 N TRAWL 76SPRING
27 JUN 1976 SAMPLE ANBB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
DECODON PUELLARIS	1	34.0
TRICHOPSETTA VENTRALIS	2	44.9
CAULOLATILUS INTERMEDIUS	1	49.0
PEPRILUS BURTI	1	68.1
SERRANUS ATROBRANCHUS	6	112.5
CENTROPRISTIS PHILADELPHICA	1	121.0
PRIONOTUS PARALATUS	5	158.3
STENOTOMUS CAPRINUS	4	234.4
PRISTIPOMOIDES AQUILONARIS	7	852.8
TOTALS 9	28	1675.0

TRANSECT 3 STATION 4 D TRAWL 76SPRING
19 JUN 1976 SAMPLE ANCT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PEPRILUS BURTI	1	3.2
PEPRILUS ALEPIDOTUS	1	5.2
LAGOCEPHALUS LAEVIGATUS	2	16.4
SYACIUM GUNTERI	1	17.3
CYNOSCION ARENARIUS	3	41.5
LUTJANUS CAMPECHANUS	1	44.3
TRICHIURUS LEPTURUS	6	55.0
HARENGULA PENSACOLAE	2	93.1
ANCHOA HEPSETUS	207	552.0
CHLOROSCOMBRUS CHRYSURUS	174	4466.2
TOTALS 10	398	5294.2

TRANSECT 3 STATION 4 N TRAWL 76SPRING
19 JUN 1976 SAMPLE ANCV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SELENE VOMER	1	1.0
STENOTOMUS CAPRINUS	1	1.0
PEPRILUS ALEPIDOTUS	2	3.2
ETROPUS CROSSOTUS	2	3.3
SAURIDA BRASILIENSIS	1	5.0
SPHOEROIDES PARVUS	7	8.8
ORTHOPRISTIS CHRYSOPTERA	1	9.4
SCOMBEROMORUS CAVALLA	1	13.4
SYNODUS FOETENS	1	15.5
LAGOCEPHALUS LAEVIGATUS	2	40.4
CYNOSCION NOTHUS	1	41.7
HARENGULA PENSACOLAE	5	179.3
CYNOSCION ARENARIUS	26	220.5
UPENEUS PARVUS	35	233.8
ANCHOA HEPSETUS	198	780.8
CHLOROSCOMBRUS CHRYSURUS	144	3417.2
TOTALS 16	428	4974.3

TRANSECT 3 STATION 5 D TRAWL 76SPRING
19 JUN 1976 SAMPLE ANEN
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
STENOTOMUS CAPRINUS	1	3.1
SERRANUS ATROBRANCHUS	1	11.7
SYACIUM GUNTERI	1	24.1
LAGOCEPHALUS LAEVIGATUS	6	42.6
SARDINELLA ANCHOVIA	2	78.1
PRISTIPOMOIDES AQUILONARIS	3	116.8
CYCLOPSETTA CHITTENDENI	1	172.9
SYNODUS FOETENS	5	841.4
TRACHOROS LATHAMI	87	1372.7
TOTALS 9	107	2663.4

TRANSECT 3 STATION 6 D TRAWL 76SPRING
27 JUN 1976 SAMPLE ANGF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	11.0
TRICHOPSETTA VENTRALIS	1	21.8
CAULOLATILUS INTERMEDIUS	1	63.9
DECODON PUELLARIS	1	96.8
SERRANUS ATROBRANCHUS	4	104.1
PRISTIPOMOIDES AQUILONARIS	1	105.9
PRIONOTUS PARALATUS	5	181.5
UROPHYCIS FLORIDANUS	2	191.1
PARALICHTHYS SQUALIMENTUS	1	1391.0
TOTALS 9	17	2167.1

TRANSECT 3 STATION 5 N TRAWL 76SPRING
19 JUN 1976 SAMPLE ANEP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	1	.3
STENOTOMUS CAPRINUS	4	1.2
PRIONOTUS PARALATUS	1	3.4
ENGYOPHRYS SENTA	1	4.2
CENTROPRISTIS PHILADELPHICA	2	9.5
LEPOPHIDIUM GRAELLSI	1	10.1
CYNOSCION ARENARIUS	1	12.0
PRIONOTUS RUBIO	2	12.6
BOLLMANNIA COMMUNIS	6	17.2
PRIONOTUS STEARNSI	9	18.6
BREGMACEROS ATLANTICUS	16	22.1
PORICHTHYS POROSISSIMUS	4	79.3
SYNODUS FOETENS	2	98.6
SYACIUM GUNTERI	9	103.4
SAURIDA BRASILIENSIS	16	108.4
CYCLOPSETTA CHITTENDENI	4	116.1
SERRANUS ATROBRANCHUS	16	121.3
GYMNOTHORAX NIGROMARGINATUS	2	132.9
PRISTIPOMOIDES AQUILONARIS	6	133.3
BROTULA BARBATA	7	138.8
TOTALS 20	110	1143.3

TRANSECT 3 STATION 6 N TRAWL 76SPRING
27 JUN 1976 SAMPLE ANGH
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	4.2
OPHICHTHUS GOMESI	1	33.9
STENOTOMUS CAPRINUS	1	40.5
ANCYLOPSETTA DILECTA	1	48.8
ERQUETUS ACUMINATUS	1	98.2
CAULOLATILUS INTERMEDIUS	1	110.9
UROPHYCIS FLORIDANUS	2	231.1
TRICHOPSETTA VENTRALIS	15	329.7
SERRANUS ATROBRANCHUS	18	360.5
PRIONOTUS PARALATUS	15	438.2
PRISTIPOMOIDES AQUILONARIS	8	640.2
TOTALS 11	64	2336.2

TRANSECT 4 STATION 1 D TRAWL 76SPRING
20 JUN 1976 SAMPLE ANHY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	.5
SAURIDA BRASILIENSIS	1	1.6
SERRANUS AITRORANCHUS	1	9.8
CENTROPRISTIS PHILADELPHICA	1	10.1
LAGODON RHOMBOIDES	1	26.8
LAGOCEPHALUS LAEVIGATUS	3	28.3
STACIUM GONTERI	1	29.7
DIPLECTRUM BIVITTATUM	2	51.6
STENOTOMUS CAPRINUS	9	67.1
PEPRILUS BURTI	8	80.2
ANCHOA HEPSETUS	17	269.6
UPENEUS PARVUS	53	777.1
TRACHURUS LATHAMI	257	3254.3
TOTALS 13	355	4606.7

TRANSECT 4 STATION 1 N TRAWL 76SPRING
20 JUN 1976 SAMPLE ANIB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LUTJANUS CAMPECHANUS	1	.3
ANCHOA HEPSETUS	3	3.4
CONGRINA FLAVA	1	4.0
OPHIDION WELSHI	2	13.4
SYMPHURUS PLAGIUSA	1	17.0
LEPOPHIDIUM GRAELLSI	1	20.0
UPENEUS PARVUS	2	23.9
SYNODUS FOETENS	3	24.9
SAURIDA BRASILIENSIS	7	25.7
CONODON NOBILIS	3	25.8
BROTULA BARBATA	3	28.4
SPHOEROIDES PARVUS	53	36.6
OPHICHTHUS GOMESI	1	103.1
CENTROPRISTIS PHILADELPHICA	49	242.2
STACIUM GONTERI	26	301.5
STENOTOMUS CAPRINUS	147	526.8
TOTALS 16	303	1357.0

TRANSECT 4 STATION 2 D TRAWL 76SPRING
20 JUN 1976 SAMPLE ANJY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	2.7
SAURIDA BRASILIENSIS	1	3.0
LAUCULATILUS INTERMEDIUS	1	20.9
TRACHURUS LATHAMI	7	186.4
PRISTIPOMOIDES AQUILONARIS	8	204.7
PRIACANTHUS ARENATUS	3	210.4
UPENEUS PARVUS	20	270.7
TOTALS 7	41	898.8

TRANSECT 4 STATION 2 N TRAWL 76SPRING
20 JUN 1976 SAMPLE ANKB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
STENOTOMUS CAPRINUS	4	5.6
SPHOEROIDES PARVUS	1	6.0
PRIONOTUS PARALATUS	3	19.6
STELLIFER LANCEOLATUS	1	22.9
HOPLUNNIS MACRURUS	2	29.1
PRISTIPOMOIDES AQUILONARIS	1	30.0
SAURIDA BRASILIENSIS	4	32.1
LEPOPHIDIUM GRAELLSI	1	35.0
ANCYLOPSETTA DILECTA	2	36.3
PRIONOTUS STEARNSI	5	46.9
CONGRINA FLAVA	3	52.0
STACIUM GONTERI	2	52.2
BROTULA BARBATA	4	56.8
LUTJANUS CAMPECHANUS	2	71.0
UPENEUS PARVUS	2	82.2
SYNODUS POEYI	12	107.2
PRIONOTUS ROBIO	3	113.7
PORICHTHYS POROSISSIMUS	9	145.5
CENTROPRISTIS PHILADELPHICA	4	177.7
SERRANUS AITRORANCHUS	30	516.8
TOTALS 20	95	1638.6

TRANSECT 4 STATION 3 D TRAWL 76SPRING
25 JUN 1976 SAMPLE ANLV
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	2	5.6
PRIONOTUS STEARNSI	1	12.8
HALIEUTICHTHYS ACULEATUS	4	26.1
SERRANUS ATROBRANCHUS	2	38.2
TRICHOPSETTA VENTRALIS	2	52.0
PRISTIPOMOIDES AQUILONARIS	5	386.6
TOTALS 6	16	521.3

TRANSECT 4 STATION 3 N TRAWL 76SPRING
25 JUN 1976 SAMPLE ANLY
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNAGROPS SPINOSA	2	14.2
PRIONOTUS PARALATUS	1	33.0
KATHETOSTOMA ALBIGUTTA	1	38.4
TRICHOPSETTA VENTRALIS	3	49.3
HALIEUTICHTHYS ACULEATUS	8	52.9
UPENEUS PARVUS	2	53.7
TRACHURUS LATHAMI	3	73.2
STENOTOMUS CAPRINUS	1	77.5
PRIACANTHUS ARENATUS	1	106.6
SYNODUS FOETENS	1	149.1
PRISTIPOMOIDES AQUILONARIS	2	168.3
SERRANUS ATROBRANCHUS	9	188.8
TOTALS 12	34	1005.0

TRANSECT 4 STATION 4 D TRAWL 76SPRING
20 JUN 1976 SAMPLE ANNU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYACIUM GUNTERI	1	25.0
LAGOCEPHALUS LAEVIGATUS	1	27.8
POLYDACTYLUS OCTONEMUS	3	54.1
LAGODON RHOMBOIDES	3	61.3
TRACHURUS LATHAMI	7	62.4
LUTJANUS CAMPECHANUS	2	94.3
LEIOSTOMUS XANTHURUS	5	106.3
ANCHOA HEPSETUS	22	115.6
VOMER SETAPINNIS	14	120.3
MENTICIRRHUS AMERICANUS	1	135.2
HARENGULA PENSACOLAE	6	138.8
UPENEUS PARVUS	17	160.4
CONODON NOBILIS	22	172.0
CHLOROSCOMBRUS CHRYSURUS	9	176.8
ORTHOPRISTIS CHRYSOPTERA	5	213.1
MICROPOGON UNDULATUS	23	442.1
TRICHIURUS LEPTURUS	20	765.8
CYNOSCION NOTHUS	248	8876.5
TOTALS 18	409	11747.8

TRANSECT 4 STATION 4 N TRAWL 76SPRING
20 JUN 1976 SAMPLE ANN3
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
UPENEUS PARVUS	1	5.2
SYMPHURUS PLAGIUSA	1	6.3
SYNODUS FOETENS	2	6.5
ORTHOPRISTIS CHRYSOPTERA	1	9.9
ETROPUS CROSSOTUS	3	10.7
SAURIDA BRASILIENSIS	2	14.2
CENTROPRISTIS PHILADELPHICA	3	14.8
LAGODON RHOMBOIDES	1	15.5
CYNOSCION NOTHUS	1	16.0
PEPRILUS BURTI	2	18.5
LUTJANUS CAMPECHANUS	8	26.7
SPHOEROIDES PARVUS	17	27.2
BROTULA BARBATA	1	29.6
OPHICHTHUS GOMESI	1	34.2
ANCHOA HEPSETUS	55	66.3
PRIONOTUS RUBIO	21	70.9
MENTICIRRHUS AMERICANUS	1	116.3
LARIMUS FASCIATUS	10	179.9
MICROPOGON UNDULATUS	7	184.3
OPHIDION WELSHI	16	190.8
STACIUM GUNTERI	14	192.8
NARCINE BRASILIENSIS	1	402.9
POLYDACTYLUS OCTONEMUS	41	509.9
CONODON NOBILIS	188	1365.5
TOTALS 24	398	3514.9

TRANSECT 4 STATION 5 D TRAWL 76SPRING
20 JUN 1976 SAMPLE ANP1
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	7.2
STENOTOMUS CAPRINUS	1	9.4
SERRANUS AITRODRANCHUS	2	20.6
SYNODUS FOETENS	1	37.3
LAGODON RHOMBOIDES	1	40.9
PEPRILUS BURTI	2	47.0
PRISTIPOMOIDES AQUILONARIS	2	52.8
UPENEUS PARVUS	18	319.0
LAGOCEPHALUS LAEVIGATUS	36	342.4
TRACHURUS LATHAMI	266	4225.8
TOTALS 10	330	5102.4

TRANSECT 4 STATION 5 N TRAWL 76SPRING
19 JUN 1976 SAMPLE ANPK
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	2	2.1
HOPLUNNIS MACRURUS	1	3.3
BOLLMANNIA COMMUNIS	1	4.0
OPHIDION MELSHI	1	4.5
PRIONOTUS RUBIO	2	9.8
SPHOEROIDES PARVUS	91	12.3
PORICHTHYS POROSISSIMUS	1	12.5
BREGMACEROS ATLANTICUS	7	13.0
SYMPHURUS PLAGIUSA	1	14.7
SAURIDA BRASILIENSIS	4	15.8
CONGRINA FLAVA	1	16.6
CYCLOPSETTA CHITTENDENI	1	18.1
BROTULA BARBATA	2	21.4
PRIACANTHUS ARENATUS	1	25.9
PRIONOTUS PARALATUS	4	37.8
OPHICHTHUS GOMESI	1	40.7
LAGODON RHOMBOIDES	1	41.5
STACTOM GUNTERI	4	45.8
PRISTIPOMOIDES AQUILONARIS	2	57.4
PEPRILUS BURTI	3	69.5
SERRANUS ATROBRANCHUS	15	80.0
CENTROPRISTIS PHILADELPHICA	22	82.9
LEPOPHIDIUM GRAELLSI	5	93.1
UPENEUS PARVUS	9	132.0
SYNODUS FOETENS	3	175.9
STENOTOMUS CAPRINUS	84	265.1
LAGOCEPHALUS LAEVIGATUS	77	717.5
TRACHURUS LATHAMI	120	1822.6
TOTALS 28	456	3835.8

TRANSECT 4 STATION 6 D TRAWL 76SPRING
26 JUN 1976 SAMPLE ANRA
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRACHURUS LATHAMI	1	38.2
SYNODUS FOETENS	1	93.0
CAULOLATILUS INTERMEDIUS	1	107.2
UPENEUS PARVUS	7	210.1
STENOTOMUS CAPRINUS	5	214.9
PRIACANTHUS ARENATUS	4	453.1
PRISTIPOMOIDES AQUILONARIS	6	592.1
TOTALS 7	25	1708.6

TRANSECT 4 STATION 6 N TRAWL 76SPRING
26 JUN 1976 SAMPLE ANRC
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HOPLUNNIS MACRURUS	1	0.0
PRIONOTUS PARALATUS	1	5.5
CENTROPRISTIS PHILADELPHICA	2	157.5
TOTALS 3	4	163.0

TRANSECT 4 STATION 7 D TRAWL 76SPRING
25 JUN 1976 SAMPLE ANSS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHOPSETTA VENTRALIS	1	12.1
UPENEUS PARVUS	1	23.0
UROPHYCIS CIRRATUS	1	37.6
ARIUMMA BONDI	1	41.0
TRACHURUS LATHAMI	3	121.4
SERRANUS AIROBRANCHUS	13	508.7
CAULOLATILUS INTERMEDIUS	5	375.9
PRISTIPOMOIDES AQUILONARIS	32	2824.5
TOTALS 8	57	3744.2

TRANSECT 2 STATION 1 D TRAWL 76JULY
18 JUL 1976 SAMPLE ADIP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCHOA LYOLEPIS	1	5.3
CYCLOPSETTA CHITTENDENI	1	41.4
CHLOROSCOMBRUS CHRYSURUS	3	64.5
VOMER SETAPINNIS	1	70.8
ANCHOA HEPSETUS	11	90.7
STACIUM GUNTERI	6	93.5
PEPRILUS BURTI	15	191.1
TRACHURUS LATHAMI	34	511.7
TOTALS 8	72	1069.0

TRANSECT 4 STATION 7 N TRAWL 76SPRING
25 JUN 1976 SAMPLE ANSU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNAGROPS SPINOSA	1	6.0
OGCOCEPHALUS SPECIES	1	12.7
PONTINUS LONGISPINIS	1	29.2
EQUETUS ACUMINATUS	1	39.2
HALIEUTICHTHYS ACULEATUS	7	40.5
STENOTOMUS CAPRINUS	1	44.8
LEPOPHIDIUM GRAELLSI	1	46.1
ANTENNARIUS RADIUSUS	1	47.1
TRICHOPSETTA VENTRALIS	2	48.7
KAINEIOSTOMA ALBIGUTTA	2	56.0
PRISTIPOMOIDES AQUILONARIS	3	229.6
SERRANUS AIROBRANCHUS	17	327.0
TOTALS 12	38	926.9

TRANSECT 2 STATION 1 N TRAWL 76JULY
18 JUL 1976 SAMPLE AUIS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	.6
ANCHOA HEPSETUS	3	15.1
PRIONOTUS ROBIO	4	18.5
STENOTOMUS CAPRINUS	4	18.8
CHLOROSCOMBRUS CHRYSURUS	1	20.6
TRACHURUS LATHAMI	2	32.0
CYCLOPSETTA CHITTENDENI	1	52.6
STACIUM GUNTERI	4	54.0
PEPRILUS BURTI	5	58.7
TOTALS 9	25	270.9

TRANSECT 2 STATION 2 D TRAWL 76JULY
18 JUL 1976 SAMPLE AOJG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SERRANUS ATROBRANCHUS	1	.9
SAURIDA BRASILIENSIS	1	1.2
PRIONOTUS STEARNSI	1	1.4
SYNODUS POEYI	1	1.7
LAGOCEPHALUS LAEVIGATUS	1	11.0
STENOTOMUS CAPRINUS	1	12.2
UPENEUS PARVUS	1	32.5
SYACIUM GUNTERI	2	35.7
CENTROPRISTIS PHILADELPHICA	2	61.4
PRISTIPOMOIDES AQUILONARIS	2	70.8
SPHYRAENA GUACHANCHO	1	199.8
PEPRILUS BURTI	15	645.8
TOTALS 12	27	1074.4

TRANSECT 2 STATION 2 D TRAWL 76JULY
18 JUL 1976 SAMPLE AOJX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SERRANUS ATROBRANCHUS	1	2.4
PRIONOTUS STEARNSI	1	2.6
CENTROPRISTIS PHILADELPHICA	2	3.9
BOLLMANNIA COMMUNIS	1	5.6
ETROPUS CROSSOTUS	2	9.5
LAGOCEPHALUS LAEVIGATUS	2	15.7
SAURIDA BRASILIENSIS	7	39.7
PEPRILUS BURTI	1	73.7
SYACIUM GUNTERI	5	80.6
SYNODUS FOETENS	2	105.9
SPHYRAENA GUACHANCHO	1	176.9
LUTJANUS CAMPECHANUS	2	262.4
TOTALS 12	27	778.9

TRANSECT 2 STATION 2 D TRAWL 76JULY
18 JUL 1976 SAMPLE AOJV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	1	2.4
LONCHOPISTHUS LINDNERI	1	2.8
PRIONOTUS PARALATUS	1	4.3
BOLLMANNIA COMMUNIS	1	5.7
PRIONOTUS RUBIO	2	11.1
SYACIUM GUNTERI	1	14.1
CENTROPRISTIS PHILADELPHICA	2	21.1
SERRANUS ATROBRANCHUS	2	27.3
UPENEUS PARVUS	1	36.3
SAURIDA BRASILIENSIS	10	37.3
SYNODUS FOETENS	1	47.2
CYCLOPSETTA CHITTENDENI	1	54.4
SPHYRAENA GUACHANCHO	1	143.6
PEPRILUS BURTI	4	193.0
LUTJANUS CAMPECHANUS	2	977.1
TOTALS 15	31	1577.7

TRANSECT 2 STATION 2 N TRAWL 76JULY
19 JUL 1976 SAMPLE AOJT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	3.0
PRISTIPOMOIDES AQUILONARIS	2	4.2
SAURIDA BRASILIENSIS	1	6.7
OGCOCEPHALUS SPECIES	1	7.6
PRIONOTUS STEARNSI	1	12.4
BROTULA BARBATA	1	17.8
SYACIUM GUNTERI	2	18.6
PRIONOTUS PARALATUS	2	20.0
STENOTOMUS CAPRINUS	1	40.4
SYNODUS FOETENS	1	47.2
LEPOPHIDIUM GRAELLSI	1	48.9
SERRANUS ATROBRANCHUS	8	67.6
LUTJANUS CAMPECHANUS	1	168.3
CENTROPRISTIS PHILADELPHICA	19	222.5
TOTALS 14	42	685.2

TRANSECT 2 STATION 3 D TRAWL 76JULY
17 JUL 1976 SAMPLE AUKV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANTENNARIUS RADIOSUS	1	15.1
TRICHOPSETTA VENTRALIS	1	18.2
UROPHYCIS FLORIDANUS	1	24.0
PRIONOTUS PARALATUS	1	25.4
UPENEUS PARVUS	1	38.2
STENOTOMUS CAPRINUS	1	60.6
PRISTIPOMOIDES AQUILONARIS	1	79.2
TRACHURUS LATHAMI	9	253.0
SYNODUS FOETENS	2	269.5
TOTALS 9	18	783.2

TRANSECT 2 STATION 4 D TRAWL 76JULY
18 JUL 1976 SAMPLE AULV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	1.4
SYNODUS POEYI	1	2.8
SAURIDA BRASILIENSIS	1	3.6
ETROPUS CROSSOTUS	1	5.0
PEPRILUS BURTI	1	13.6
SERRANUS ATROBRANCHUS	4	27.7
SYACIUM GUNTERI	5	59.3
CENTROPRISTIS PHILADELPHICA	2	85.0
TRACHURUS LATHAMI	12	161.6
TOTALS 9	28	360.2

TRANSECT 2 STATION 3 N TRAWL 76JULY
17 JUL 1976 SAMPLE AUKY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	21.2
TRICHOPSETTA VENTRALIS	2	36.3
UROPHYCIS CIRRATUS	1	38.5
SERRANUS ATROBRANCHUS	2	42.7
TRACHURUS LATHAMI	1	45.0
PONTINUS LONGISPINIS	1	65.3
UROPHYCIS FLORIDANUS	1	71.3
LAGODON RHOMBOIDES	1	75.7
CAULOLATILUS INTERMEDIUS	1	195.4
STENOTOMUS CAPRINUS	5	267.0
PRIONOTUS PARALATUS	10	353.1
PRISTIPOMOIDES AQUILONARIS	3	373.6
TOTALS 12	29	1585.1

TRANSECT 2 STATION 4 N TRAWL 76JULY
18 JUL 1976 SAMPLE AULX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	2.1
PRIONOTUS RUBIO	1	2.7
SPHOEROIDES PARVUS	1	4.6
SERRANUS ATROBRANCHUS	1	7.3
BOLLMANNIA COMMUNIS	1	8.3
SAURIDA BRASILIENSIS	1	10.1
PORICHTHYS POROSISSIMUS	1	17.2
CHLOROSCOMBRUS CHRYSURUS	1	19.8
CENTROPRISTIS PHILADELPHICA	2	19.8
STENOTOMUS CAPRINUS	8	25.7
PRISTIPOMOIDES AQUILONARIS	2	27.7
PEPRILUS BURTI	3	31.0
TRACHURUS LATHAMI	5	78.6
ANCHOA HEPSETUS	6	85.2
SYACIUM GUNTERI	10	99.6
TOTALS 15	44	439.7

TRANSECT 2 STATION 5 D TRAWL 76JULY
18 JUL 1976 SAMPLE AUMU
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	1	5.7
TRICHOPSETTA VENTRALIS	2	30.4
SELAR CROMENOPHTHALMUS	1	65.1
UPENEUS PARVUS	2	90.4
PRIONOTUS PARALATUS	3	106.3
PEPRILUS BURTI	33	2063.6
TOTALS 6	42	2361.5

TRANSECT 2 STATION 5 N TRAWL 76JULY
18 JUL 1976 SAMPLE AUMW
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	9.0
TRICHOPSETTA VENTRALIS	1	17.4
BROTULA BARBATA	1	22.0
PRISTIPOMOIDES AQUILONARIS	1	29.2
KATHETOSTOMA ALBIGUTTA	1	34.7
SERRANUS ATROBRANCHUS	4	64.7
PRIONOTUS RUBIO	4	198.1
PRIONOTUS PARALATUS	8	223.7
CENTROPRISTIS PHILADELPHICA	2	243.5
STENOTOMUS CAPRINUS	7	297.0
TOTALS 10	30	1139.3

TRANSECT 2 STATION 6 D TRAWL 76JULY
17 JUL 1976 SAMPLE AUNT
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
UPENEUS PARVUS	1	35.7
PEPRILUS BURTI	1	67.5
TRACHURUS LATHAMI	3	83.7
STENOTOMUS CAPRINUS	2	99.4
SERRANUS ATROBRANCHUS	6	108.4
PRIONOTUS PARALATUS	4	139.1
PRISTIPOMOIDES AQUILONARIS	1	149.7
TRICHOPSETTA VENTRALIS	12	183.1
CYCLOPSETTA CHITTENDENI	1	290.4
TOTALS 9	31	1157.0

TRANSECT 2 STATION 6 N TRAWL 76JULY
17 JUL 1976 SAMPLE AUNV
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	8.2
GYMNACHIRUS TEXAE	1	23.4
EQUETUS ACUMINATUS	1	45.0
CONGRINA FLAVA	1	57.6
PRIONOTUS RUBIO	1	61.0
PEPRILUS BURTI	1	71.0
CENTROPRISTIS PHILADELPHICA	1	87.8
TRICHOPSETTA VENTRALIS	6	114.2
SERRANUS ATROBRANCHUS	6	117.2
CYCLOPSETTA CHITTENDENI	2	249.3
PRIONOTUS PARALATUS	12	511.4
STENOTOMUS CAPRINUS	12	764.1
PRISTIPOMOIDES AQUILONARIS	18	1188.4
TOTALS 13	55	3298.6

TRANSECT 2 STATION 1 D TRAWL 76AUGUST
06 AUG 1976 SAMPLE AOOT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CENTROPRISTIS PHILADELPHICA	1	9.6
STENOTOMUS CAPRINUS	3	16.4
UPENEUS PARVUS	1	16.6
TRACHURUS LATHAMI	9	224.1
CHLOROSCOMBRUS CHRYSURUS	15	478.8
TOTALS 5	29	745.5

TRANSECT 2 STATION 1 N TRAWL 76AUGUST
07 AUG 1976 SAMPLE AOOW
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	6.9
LAGOCEPHALUS LAEVIGATUS	2	11.8
CITHARICHTHYS SPILOPTERUS	1	17.0
STENOTOMUS CAPRINUS	5	25.5
CYNOSCION ARENARIUS	1	26.5
PEPRILUS BURTI	3	47.3
OPISTHONEMA OGLINUM	1	92.2
POLYDACTYLUS OCTONEMUS	4	156.7
TOTALS 8	18	383.9

TRANSECT 2 STATION 1 N TRAWL 76AUGUST
07 AUG 1976 SAMPLE ARJS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CYNOSCION NOTHUS	1	2.5
PEPRILUS BURTI	1	8.3
CYNOSCION ARENARIUS	3	28.9
SYACIUM GUNTERI	2	29.2
PRIONOTUS RUBIO	3	32.8
STENOTOMUS CAPRINUS	12	59.2
PARALICHTHYS LETHOSTIGMA	1	338.8
TOTALS 7	23	499.7

TRANSECT 2 STATION 1 N TRAWL 76AUGUST
07 AUG 1976 SAMPLE ARJU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	2	2.1
UPENEUS PARVUS	1	7.7
CITHARICHTHYS SPILOPTERUS	1	9.0
CYNOSCION NOTHUS	3	12.8
CENTROPRISTIS PHILADELPHICA	2	17.0
PRIONOTUS RUBIO	2	20.2
SAURIDA BRASILIENSIS	6	42.6
LEPOPHIDIUM GRAELLSI	2	60.2
CYNOSCION ARENARIUS	2	67.2
STENOTOMUS CAPRINUS	18	80.7
PEPRILUS BURTI	7	124.3
TOTALS 11	46	443.8

TRANSECT 2 STATION 2 D TRAWL 76AUGUST
06 AUG 1976 SAMPLE AOVU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	3	9.8
PRIONOTUS PARALATUS	1	11.5
PRIONOTUS STEARNSI	2	12.5
OPISTHONEMA OGLINUM	1	37.5
SERRANUS ATROBRANCHUS	3	41.0
STENOTOMUS CAPRINUS	4	47.5
LAGOCEPHALUS LAEVIGATUS	4	82.8
VOMER SETAPINNIS	3	133.2
SYNODUS FOETENS	1	164.2
LUTJANUS CAMPECHANUS	1	274.1
CENTROPRISTIS PHILADELPHICA	5	404.9
TOTALS 11	28	1219.0

TRANSECT 2 STATION 2 N TRAWL 76AUGUST
05 AUG 1976 SAMPLE AOVX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	11.9
SAURIDA BRASILIENSIS	3	19.8
PRIONOTUS RUBIO	1	28.7
PORICHTHYS POROSISSIMUS	2	32.6
TRACHURUS LATHAMI	2	35.3
LAGODON RHOMBOIDES	1	45.8
PRIONOTUS PARALATUS	5	52.4
LAGOCEPHALUS LAEVIGATUS	3	62.1
PRIONOTUS SALMONICOLOR	1	62.8
PRIONOTUS STEARNSI	7	68.8
STENOTOMUS CAPRINUS	6	77.6
LUTJANUS CAMPECHANUS	1	154.0
SYACIUM GUNTERI	9	164.7
SERRANUS ATROBRANCHUS	14	176.7
PRISTIPOMOIDES AQUILONARIS	5	181.1
CYCLOPSETTA CHITTENDENI	5	367.7
SYNODUS FOETENS	5	588.6
CENTROPRISTIS PHILADELPHICA	14	899.4
TOTALS 18	85	3030.4

TRANSECT 2 STATION 3 D TRAWL 76AUGUST
27 AUG 1976 SAMPLE AOWV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	4.6
TRACHURUS LATHAMI	1	19.9
SERRANUS ATROBRANCHUS	2	40.6
UROPHYCIS FLORIDANUS	1	108.0
STENOTOMUS CAPRINUS	3	166.3
PRISTIPOMOIDES AQUILONARIS	5	391.1
TOTALS 6	13	730.5

TRANSECT 2 STATION 3 N TRAWL 76AUGUST
27 AUG 1976 SAMPLE AOWY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MONOLENE SESSILICAUDA	2	6.8
HALIEUTICHTHYS ACULEATUS	1	7.0
OGCOCEPHALUS SPECIES	1	8.8
PONTINUS LONGISPINIS	1	20.1
UROPHYCIS CIRRATUS	1	30.0
ANCYLOPSETTA DILECTA	1	49.1
TRICHOPSETTA VENTRALIS	6	81.2
SERRANUS ATROBRANCHUS	8	145.3
PRIONOTUS PARALATUS	5	158.1
PRISTIPOMOIDES AQUILONARIS	3	174.8
SYNODUS FOETENS	1	231.1
STENOTOMUS CAPRINUS	5	236.8
TOTALS 12	35	1149.1

TRANSECT 2 STATION 4 D TRAWL 76AUGUST
06 AUG 1976 SAMPLE AUXV
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	1.5
CAULOLATILUS INTERMEDIUS	1	8.5
SYACIUM GUNTERI	1	20.0
PRIACANTHUS ARENATUS	1	32.6
STENOTOMUS CAPRINUS	5	48.3
SERRANUS ATROBRANCHUS	5	48.5
DIPLECTRUM BIVITTATUM	4	98.3
LAGOCEPHALUS LAEVIGATUS	7	138.3
TOTALS 8	25	396.0

TRANSECT 2 STATION 4 N TRAWL 76AUGUST
06 AUG 1976 SAMPLE AUXX
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	1.8
PRIONOTUS STEARNSI	1	3.0
CITHARICHTHYS SPILOPTERUS	1	11.0
PRIACANTHUS ARENATUS	2	27.9
CENTROPRISTIS PHILADELPHICA	4	36.6
SAURIDA BRASILIENSIS	6	49.6
SYNODUS FOETENS	1	60.2
SERRANUS ATROBRANCHUS	8	70.1
PRISTIPOMOIDES AQUILONARIS	3	77.4
LAGOCEPHALUS LAEVIGATUS	6	79.7
TRACHURUS LATHAMI	9	126.6
DIPLECTRUM BIVITTATUM	4	131.2
STENOTOMUS CAPRINUS	16	132.5
TOTALS 13	62	809.6

TRANSECT 2 STATION 5 D TRAWL 76AUGUST
28 AUG 1976 SAMPLE AUYU
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	3	23.8
CENTROPRISTIS PHILADELPHICA	1	45.7
SYNODUS FOETENS	1	109.1
UPENEUS PARVUS	5	194.5
LAGOCEPHALUS LAEVIGATUS	6	227.8
PEPRILUS BURTI	12	808.1
TOTALS 6	28	1409.0

TRANSECT 2 STATION 5 N TRAWL 76AUGUST
28 AUG 1976 SAMPLE AUYW
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	2	27.8
PORICHTHYS POROSISSIMUS	2	47.5
CENTROPRISTIS PHILADELPHICA	2	230.8
PRIONOTUS RUBIO	1	54.1
LUTJANUS CAMPECHANUS	1	100.4
SERRANUS ATROBRANCHUS	7	131.0
STENOTOMUS CAPRINUS	5	146.0
TOTALS 7	20	550.3

TRANSECT 2 STATION 6 D TRAWL 76AUGUST
28 AUG 1976 SAMPLE A0Z1
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PONTINUS LONGISPINIS	1	6.8
SAURIDA BRASILIENSIS	2	6.9
PRIONOTUS PARALATUS	1	13.7
TRICHOPSETTA VENTRALIS	2	29.3
SERRANUS ATROBRANCHUS	3	55.9
PRISTIPOMOIDES AQUILONARIS	1	72.8
PEPRILUS BURTI	4	187.6
SYNODUS FOETENS	2	482.3
TOTALS 8	16	855.3

TRANSECT 2 STATION 6 N TRAWL 76AUGUST
28 AUG 1976 SAMPLE A0ZV
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
NEOBYTHITES GILLI	1	6.2
HALIEUTICHTHYS ACULEATUS	3	13.1
STENOTOMUS CAPRINUS	2	32.2
PRIONOTUS RUBIO	1	40.4
LEPOPHIDIUM GRAELLSI	1	57.8
PRIONOTUS PARALATUS	4	126.7
TRACHURUS LATHAMI	4	140.8
SERRANUS ATROBRANCHUS	13	244.5
SYNODUS FOETENS	2	356.9
PRISTIPOMOIDES AQUILONARIS	6	441.9
STENOTOMUS CAPRINUS	10	604.2
TOTALS 11	47	2064.3

TRANSECT 1 STATION 1 D TRAWL 76FALL
11 OCT 1976 SAMPLE A0YL
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
CITHARICHTHYS SPILOPTERUS	1	20.2
TRACHURUS LATHAMI	1	22.2
EUCINOSTOMUS GULA	2	27.5
PEPRILUS BURTI	1	39.2
CHLOROSCOMBRUS CHRYSURUS	401	4985.6
TOTALS 5	406	5094.7

TRANSECT 1 STATION 1 N TRAWL 76FALL
11 OCT 1976 SAMPLE A0YO
BLM-STUDY DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS FOETENS	1	5.1
POLYDACTYLUS OCTONEMUS	1	7.7
CITHARICHTHYS SPILOPTERUS	1	12.8
SYACIUM GUNTERI	1	13.9
CENTROPRISTIS PHILADELPHICA	2	18.7
PRIONOTUS RUBIO	1	25.0
LARIMUS FASCIATUS	1	33.8
LUTJANUS CAMPECHANUS	5	38.9
ORTHOPRISTIS CHRYSOPTERA	1	39.9
SPHOEROIDES PARVUS	13	45.3
MICROPOGON UNDULATUS	1	55.7
CYNOSCION ARENARIUS	1	83.7
CHLOROSCOMBRUS CHRYSURUS	13	134.3
TOTALS 13	42	514.8

TRANSECT 1 STATION 2 D TRAWL 76FALL
11 OCT 1976 SAMPLE ARAL
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SERRANUS ATROBRANCHUS	1	10.1
TRACHURUS LATHAMI	4	82.9
STENOTOMUS CAPRINUS	3	109.4
CHLOROSCOMBRUS CHRYSURUS	3	124.1
SYNODUS FOETENS	1	130.0
LAGODON RHOMBOIDES	2	142.6
MICROPOGON UNDULATUS	3	302.3
CYNOSCION ARENARIUS	7	577.6
PEPRILUS BURTI	28	1701.9
TOTALS 9	52	3180.9

TRANSECT 1 STATION 2 N TRAWL 76FALL
11 OCT 1976 SAMPLE ARAF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
MULLMANNIA COMMUNIS	1	2.0
SPHOEROIDES PARVUS	3	8.4
PRISTIPOMOIDES AQUILONARIS	1	8.9
SYACIUM GUNTERI	1	9.0
PRIONOTUS STEARNSI	4	21.0
LUTJANUS CAMPECHANUS	2	22.9
CHLOROSCOMBRUS CHRYSURUS	1	26.2
GYMNACHIRUS TEXAE	2	27.7
SYNODUS FOETENS	1	76.8
STENOTOMUS CAPRINUS	6	97.9
CENTROPRISTIS PHILADELPHICA	6	119.6
SERRANUS ATROBRANCHUS	10	200.4
TOTALS 12	38	620.8

TRANSECT 1 STATION 3 D TRAWL 76FALL
10 OCT 1976 SAMPLE ARCF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PONTINUS LONGISPINIS	1	7.0
SERRANUS ATROBRANCHUS	1	25.5
TRACHURUS LATHAMI	9	210.2
PRISTIPOMOIDES AQUILONARIS	5	521.2
TOTALS 4	16	763.9

TRANSECT 1 STATION 3 N TRAWL 76FALL
10 OCT 1976 SAMPLE ARCI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BREGMACEROS ATLANTICUS	1	.1
LEPOPHIDIUM GRAELLSI	1	24.2
HEMANTHIAS VIVANUS	1	73.2
EQUETUS ACUMINATUS	1	77.9
CAULOLATILUS INTERMEDIUS	1	80.1
SERRANUS ATROBRANCHUS	4	81.0
LAGODON RHOMBOIDES	1	110.3
STENOTOMUS CAPRINUS	3	169.0
PRIONOTUS PARALATUS	7	235.3
PONTINUS LONGISPINIS	7	357.5
PRISTIPOMOIDES AQUILONARIS	9	500.4
TOTALS 11	36	1709.0

TRANSECT 1 STATION 4 D TRAWL 76FALL
11 OCT 1976 SAMPLE ARDW
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS RUBIO	1	69.0
EUCINOSTOMUS GULA	9	85.6
CHLOROSCOMBRUS CHRYSURUS	50	418.9
TOTALS 3	60	573.5

TRANSECT 1 STATION 4 D TRAWL 76FALL
11 OCT 1976 SAMPLE ARDY
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	3.1
CYNOSCION ARENARIUS	2	3.4
EUCINOSTOMUS ARGENTEUS	1	8.2
CHLOROSCOMBRUS CHRYSURUS	1	9.0
CITHARICHTHYS SPILOPTERUS	1	13.2
PORICHTHYS POROSISSIMUS	1	26.7
LUTJANUS CAMPECHANUS	12	47.3
PRIONOTUS RUBIO	5	175.0
ARIUS FELIS	2	244.2
TOTALS 9	26	530.1

TRANSECT 1 STATION 5 D TRAWL 76FALL
10 OCT 1976 SAMPLE ARFN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SERRANUS ATROBRANCHUS	1	16.0
TRACHURUS LATHAMI	2	39.0
CENTROPRISTIS PHILADELPHICA	2	91.8
STENOTOMUS CAPRINUS	4	105.9
UPENEUS PARVUS	3	109.9
PRISTIPOMOIDES AQUILONARIS	2	160.7
SYNODUS FOETENS	3	535.1
TOTALS 7	17	1058.4

TRANSECT 1 STATION 5 N TRAWL 76FALL
10 OCT 1976 SAMPLE ARFP
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	10.6
PONTINUS LONGISPINIS	1	12.2
PRIONOTUS PARALATUS	1	24.0
UPENEUS PARVUS	1	40.8
SYNODUS FOETENS	1	175.8
SERRANUS ATROBRANCHUS	14	265.6
CENTROPRISTIS PHILADELPHICA	6	412.3
STENOTOMUS CAPRINUS	12	517.7
PRISTIPOMOIDES AQUILONARIS	8	898.4
BROTULA BARBATA	1	1157.0
TOTALS 10	46	3514.6

TRANSECT 1 STATION 6 D TRAWL 76FALL
10 OCT 1976 SAMPLE ARHE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	1	14.0
ANCYLOPSETTA DILECTA	1	17.0
PRISTIPOMOIDES AQUILONARIS	2	63.9
PRIONOTUS PARALATUS	4	80.3
TRICHOPSETTA VENTRALIS	5	89.8
SERRANUS ATROBRANCHUS	7	137.9
STENOTOMUS CAPRINUS	6	280.7
PRIACANTHUS ARENATUS	1	291.8
TOTALS 8	27	975.4

TRANSECT 1 STATION 6 N TRAWL 76FALL
10 OCT 1976 SAMPLE ARHG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	10.1
PRIONOTUS STEARNSI	1	17.2
UPENEUS PARVUS	1	24.0
PONTINUS LONGISPINIS	2	25.6
PRIONOTUS RUBIO	1	62.0
TRICHOPSETTA VENTRALIS	6	73.3
CENTROPRISTIS PHILADELPHICA	2	97.7
LAULOLATILUS INTERMEDIUS	2	134.0
PRIONOTUS PARALATUS	5	211.1
SERRANUS ATROBRANCHUS	16	282.1
STENOTOMUS CAPRINUS	6	285.9
PRISTIPOMOIDES AQUILONARIS	3	315.3
TOTALS 12	46	1538.3

TRANSECT 2 STATION 1 D TRAWL 76FALL
07 OCT 1976 SAMPLE ARIZ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	6.8
LAGOCEPHALUS LAEVIGATUS	1	9.0
EUCINOSTOMUS GULA	1	15.9
CENTROPRISTIS PHILADELPHICA	1	26.0
LUTJANUS CAMPECHANUS	2	45.0
CHLOROSCOMBRUS CHRYSURUS	6	157.6
MICROPOGON UNDULATUS	3	189.2
TOTALS 7	15	449.5

TRANSECT 2 STATION 1 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARJC
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	4.8
SYACIUM GUNTERI	1	7.3
SPHOEROIDES PARVUS	2	8.0
LUTJANUS CAMPECHANUS	1	14.8
STENOTOMUS CAPRINUS	1	17.0
DIPLECTRUM BIVITTATUM	1	19.3
SYNODUS FOETENS	1	19.3
CHLOROSCOMBRUS CHRYSURUS	1	21.4
EUCINOSTOMUS GULA	5	58.6
MICROPOGON UNDULATUS	1	65.2
HAEMULA PENSACOLAE	2	81.2
TOTALS 11	17	316.9

TRANSECT 2 STATION 1 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARJE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	2	5.7
SAURIDA BRASILIENSIS	1	7.8
SYACIUM GUNTERI	1	10.1
DIPLECTRUM BIVITTATUM	1	12.2
LAGOCEPHALUS LAEVIGATUS	2	12.5
UPENEUS PARVUS	1	24.1
LUTJANUS CAMPECHANUS	4	25.2
LARIMUS FASCIATUS	2	38.8
EUCINOSTOMUS GULA	7	81.4
ANCYLOPSETTA QUADROCELLATA	1	147.1
MICROPOGON UNDULATUS	4	257.3
TOTALS 11	26	622.2

TRANSECT 2 STATION 1 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARJG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	4.0
DIPLECTRUM BIVITTATUM	1	5.5
CENTROPRISTIS PHILADELPHICA	1	15.1
EUCINOSTOMUS GULA	3	24.0
POLYDACTYLUS OCTONEMUS	1	36.1
PRIONOTUS RUBIO	1	39.8
MICROPOGON UNDULATUS	1	40.9
LUTJANUS CAMPECHANUS	2	58.9
CYNOSCION NOTHUS	1	72.8
TOTALS 9	12	297.1

TRANSECT 2 STATION 2 D TRAWL 76FALL
07 OCT 1976 SAMPLE ARLA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	6.2
STENOTOMUS CAPRINUS	2	30.1
CHLOROSCOMBRUS CHRYSURUS	1	30.1
TRACHURUS LATHAMI	2	32.8
LAGOCEPHALUS LAEVIGATUS	1	42.0
PEPRILUS BURTI	24	1183.4
TOTALS 6	31	1324.6

TRANSECT 2 STATION 2 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARLD
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	3.3
OGCOCEPHALUS NASUTUS	1	3.9
SPHOEROIDES PARVUS	1	4.1
PRISTIPOMOIDES AQUILONARIS	1	7.1
DIPLECTRUM BIVITTATUM	1	29.9
TRACHURUS LATHAMI	2	34.5
CENTROPRISTIS PHILADELPHICA	3	37.3
MICROPOGON UNDULATUS	1	65.1
PRIONOTUS STEARNSI	7	67.3
STENOTOMUS CAPRINUS	5	74.8
SERRANUS ATROBRANCHUS	10	78.7
PRIONOTUS RUBIO	5	100.2
PARALICHTHYS LETHOSTIGMA	1	619.0
TOTALS 13	39	1125.2

TRANSECT 2 STATION 2 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARLF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRISTIPOMOIDES AQUILONARIS	1	3.1
CENTROPRISTIS PHILADELPHICA	1	9.0
SYNODUS POEYI	1	9.2
TRACHURUS LATHAMI	2	31.0
PEPRILUS BURTI	1	36.1
PRIONOTUS NOBILO	2	45.7
SERRANUS ATROBRANCHUS	8	70.2
PRIONOTUS STEARNSI	9	88.5
STENOTOMUS CAPRINUS	10	140.2
SYNODUS FOETENS	1	237.4
TOTALS 10	36	670.4

TRANSECT 2 STATION 2 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARLH
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	3.9
SPHOEROIDES PARVUS	1	3.9
PRISTIPOMOIDES AQUILONARIS	2	8.4
PORICHTHYS POROSISSIMUS	1	14.5
CENTROPRISTIS PHILADELPHICA	1	18.2
TRACHURUS LATHAMI	4	67.9
PRIONOTUS STEARNSI	11	79.7
SYNODUS FOETENS	1	85.2
STENOTOMUS CAPRINUS	10	155.5
SERRANUS ATROBRANCHUS	8	188.2
PEPRILUS BURTI	5	212.3
TOTALS 11	45	837.7

TRANSECT 2 STATION 3 D TRAWL 76FALL
09 OCT 1976 SAMPLE ARND
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	10.7
TRICHOPSETTA VENTRALIS	1	20.9
ANCYLOPSETTA DILECTA	1	27.1
PRIONOTUS PARALATUS	1	34.1
CENTROPRISTIS PHILADELPHICA	1	85.0
TRACHURUS LATHAMI	5	114.6
SERRANUS ATROBRANCHUS	11	232.2
PRISTIPOMOIDES AQUILONARIS	3	442.7
STENOTOMUS CAPRINUS	12	700.6
TOTALS 9	36	1667.9

TRANSECT 2 STATION 3 N TRAWL 76FALL
09 OCT 1976 SAMPLE ARNG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	5.4
TRACHURUS LATHAMI	1	32.0
TRICHOPSETTA VENTRALIS	3	48.5
SERRANUS ATROBRANCHUS	4	75.0
PRIONOTUS PARALATUS	2	77.5
OGCOCEPHALUS SPECIES	1	79.8
PONTINUS LONGISPINIS	4	156.2
PRISTIPOMOIDES AQUILONARIS	2	191.5
STENOTOMUS CAPRINUS	7	492.1
TOTALS 9	25	1158.0

TRANSECT 2 STATION 4 D TRAWL 76FALL
07 OCT 1976 SAMPLE ARDD
BLM-STDCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	5.0
DIPLECTRUM BIVITTATUM	1	31.9
CHLOROSCUMBRUS CHRYSURUS	10	305.6
TOTALS 3	12	342.5

TRANSECT 2 STATION 4 N TRAWL 76FALL
07 OCT 1976 SAMPLE ARDW
BLM-STDCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LUTJANUS CAMPECHANUS	1	.9
SAURIDA BRASILIENSIS	3	13.6
DIPLECTRUM BIVITTATUM	1	32.7
PEPRILUS BURTI	2	66.4
TRACHURUS LATHAMI	4	67.9
STENOTOMUS CAPRINUS	5	69.5
LARIMUS FASCIATUS	1	80.2
SERRANUS AITRORANCHUS	11	103.1
TOTALS 8	28	434.3

TRANSECT 2 STATION 5 D TRAWL 76FALL
09 OCT 1976 SAMPLE ARDD
BLM-STDCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	16.7
PRISTIPOMOIDES AQUILONARIS	1	36.1
STENOTOMUS CAPRINUS	1	38.9
SERRANUS AITRORANCHUS	2	41.5
KATHETOSTOMA ALBIGUTTA	1	84.6
CYCLOPSETTA CHITTENDENI	1	127.9
LAGOCEPHALUS LAEVIGATUS	3	154.4
CENTROPRISTIS PHILADELPHICA	2	282.2
SYNODUS FOETENS	1	319.0
TOTALS 9	13	1101.3

TRANSECT 2 STATION 5 N TRAWL 76FALL
09 OCT 1976 SAMPLE ARDF
BLM-STDCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	3	22.5
TRACHURUS LATHAMI	1	25.5
OGCOCEPHALUS SPECIES	1	26.7
KATHETOSTOMA ALBIGUTTA	1	32.5
TRICHOPSETTA VENTRALIS	2	42.5
PORICHTHYS POROSISSIMUS	7	100.1
CENTROPRISTIS PHILADELPHICA	3	147.4
PRIONOTUS STEARNSI	35	271.8
STENOTOMUS CAPRINUS	8	319.3
PRISTIPOMOIDES AQUILONARIS	9	443.1
SYNODUS FOETENS	3	499.3
UPENEUS PARVUS	8	579.3
SERRANUS AITRORANCHUS	36	662.1
TOTALS 13	117	3172.1

TRANSECT 2 STATION 6 D TRAWL 76FALL
09 OCT 1976 SAMPLE ARRM
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	5.8
TRICHOPSETTA VENTRALIS	1	15.4
SERRANUS ATROBRANCHUS	3	56.3
CAULOLATILUS INTERMEDIUS	1	69.8
CENTROPRISTIS PHILADELPHICA	1	71.8
TRACHURUS LATHAMI	10	263.4
STENOTOMUS CAPRINUS	6	329.0
PRISTIPOMOIDES AQUILONARIS	8	1004.1
TOTALS 8	31	1815.6

TRANSECT 2 STATION 6 N TRAWL 76FALL
09 OCT 1976 SAMPLE ARRP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	3	18.3
UPENEUS PARVUS	1	33.2
PONTINUS LONGISPINIS	1	50.2
OGCOCEPHALUS SPECIES	4	50.4
TRICHOPSETTA VENTRALIS	3	72.5
KATHETOSTOMA ALBIGUTTA	1	72.7
CENTROPRISTIS PHILADELPHICA	1	81.3
EQUETUS ACUMINATUS	1	109.2
CAULOLATILUS INTERMEDIUS	1	122.6
SERRANUS ATROBRANCHUS	7	127.8
STENOTOMUS CAPRINUS	8	495.9
PRISTIPOMOIDES AQUILONARIS	5	516.9
TOTALS 12	36	1751.0

TRANSECT 3 STATION 1 D TRAWL 76FALL
22 SEP 1976 SAMPLE ARSX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LAGOCEPHALUS LAEVIGATUS	1	4.0
LUTJANUS CAMPECHANUS	1	4.0
SAURIDA BRASILIENSIS	1	6.1
SERRANUS ATROBRANCHUS	1	11.8
TRACHURUS LATHAMI	1	18.1
DIPLECTRUM BIVITTATUM	1	20.0
UPENEUS PARVUS	2	35.9
SYACIUM GUNTERI	2	44.5
CYNOSCION NOTHUS	1	79.2
CHLOROSCOMBRUS CHRYSURUS	3	94.0
STENOTOMUS CAPRINUS	21	287.3
MICROPOGON UNDULATUS	15	750.4
TOTALS 12	50	1355.3

TRANSECT 3 STATION 1 N TRAWL 76FALL
21 SEP 1976 SAMPLE ARTA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	4.1
LUTJANUS CAMPECHANUS	1	5.3
GYMNACHIRUS TEXAE	1	12.0
LEPOPHIDIUM GRAELLSI	1	15.0
EUCINOSTOMUS GULA	1	15.1
CYCLOPSETTA CHITTENDENI	1	20.2
DIPLECTRUM BIVITTATUM	1	22.1
CENTROPRISTIS PHILADELPHICA	2	23.2
BROTULA BARBATA	1	27.0
STENOTOMUS CAPRINUS	2	30.6
MENTICIRRHUS AMERICANUS	1	43.5
SYNODUS FOETENS	1	43.9
SPHOEROIDES PARVUS	23	82.5
PRIONOTUS RUBIO	6	88.8
POLYDACTYLUS OCTONEMUS	10	512.2
SYACIUM GUNTERI	37	885.2
MICROPOGON UNDULATUS	97	4094.3
TOTALS 17	187	5925.0

TRANSECT 3 STATION 2 D TRAWL 76FALL
22 SEP 1976 SAMPLE ARUV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
GYMNACHIRUS TEXAE	1	7.8
SAURIDA BRASILIENSIS	3	9.9
KATHETOSTOMA ALBIGUTTA	1	21.1
SYNODUS POEYI	2	25.2
PRIONOTUS PARALATUS	2	36.0
ANCYLOPSETTA DILECTA	1	40.8
PRISTIPOMOIDES AQUILONARIS	2	41.7
LAGOCEPHALUS LAEVIGATUS	1	48.1
VOMER SETAPINNIS	1	133.5
TRACHURUS LATHAMI	8	142.8
OGCOCEPHALUS SPECIES	2	173.2
TRICHOPSETTA VENTRALIS	9	175.8
UPENEUS PARVUS	5	208.5
STENOTOMUS CAPRINUS	4	323.6
PORICHTHYS POROSISSIMUS	20	360.6
CENTROPRISTIS PHILADELPHICA	8	968.2
SERRANUS AITRORANCHUS	52	1040.3
CYCLOPSETTA CHITTENDENI	4	1142.4
PEPRILUS BURTI	46	1801.9
PRIONOTUS STEARNSI	284	2506.3
TOTALS 20	456	9207.7

TRANSECT 3 STATION 2 N TRAWL 76FALL
22 SEP 1976 SAMPLE ARUV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	4.0
ANCYLOPSETTA DILECTA	1	20.1
ANTENNARIUS RADIOSUS	1	23.4
STENOTOMUS CAPRINUS	2	27.9
OGCOCEPHALUS SPECIES	2	31.4
PRIONOTUS STEARNSI	9	83.7
PRISTIPOMOIDES AQUILONARIS	3	94.4
PRIONOTUS PARALATUS	6	99.2
PRIONOTUS ROBIO	1	106.1
TRICHOPSETTA VENTRALIS	6	113.6
PEPRILUS BURTI	3	123.6
LEPOPHIDIUM GRAELLSI	4	125.6
PORICHTHYS POROSISSIMUS	13	183.1
CENTROPRISTIS PHILADELPHICA	8	260.3
CYCLOPSETTA CHITTENDENI	5	701.9
SYNODUS FOETENS	3	738.3
SERRANUS AITRORANCHUS	54	831.5
TOTALS 17	122	3568.1

TRANSECT 3 STATION 3 D TRAWL 76FALL
23 SEP 1976 SAMPLE ARWX
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCHOA HEPSETUS	2	1.6
SAURIDA BRASILIENSIS	3	8.2
PRIONOTUS PARALATUS	1	18.0
UPENEUS PARVUS	2	40.5
CAULOLATILUS INTERMEDIUS	1	63.4
TRACHURUS LATHAMI	2	70.7
SERRANUS ATROBRANCHUS	8	148.1
STENOTOMUS CAPRINUS	3	156.0
PRISTIPOMOIDES AQUILONARIS	7	633.4
TOTALS 9	29	1139.9

TRANSECT 3 STATION 3 N TRAWL 76FALL
22 SEP 1976 SAMPLE ARXA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HEMANTHIAS VIVANUS	1	2.9
GYMNACHIRUS TEXAE	1	11.3
ANTENNARIUS RADIOSUS	1	13.0
OGCOCEPHALUS SPECIES	1	19.0
TRACHURUS LATHAMI	2	74.9
CONGRINA FLAVA	2	114.6
UROPHYCIS CIRRATUS	4	143.6
CYNOSCION ARENARIUS	1	179.8
STENOTOMUS CAPRINUS	4	189.7
TRICHOPSETTA VENTRALIS	18	337.5
CENTROPRISTIS PHILADELPHICA	2	343.3
PRIONOTUS PARALATUS	39	946.0
PRISTIPOMOIDES AQUILONARIS	24	1427.4
SERRANUS ATROBRANCHUS	85	1711.8
TOTALS 14	161	5514.8

TRANSECT 3 STATION 4 D TRAWL 76FALL
22 SEP 1976 SAMPLE ARYU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SCORPAENA BRASILIENSIS	4	74.9
STACIUM GUNTERI	5	122.4
ARIUS FELIS	1	387.8
LUTJANUS CAMPECHANUS	20	413.2
TOTALS 4	30	998.3

TRANSECT 3 STATION 4 N TRAWL 76FALL
21 SEP 1976 SAMPLE ARYW
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ANCHOA HEPSETUS	1	11.5
LEPOPHIDIUM GRAELLSI	1	23.2
SYMPHURUS PLAGIUSA	1	23.2
CENTROPRISTIS PHILADELPHICA	4	37.0
PORICHTHYS POROSISSIMUS	1	45.8
ETROPUS CROSSOTUS	5	69.9
DIPLECTRUM BIVITTATUM	7	126.5
ARIUS FELIS	1	130.0
SPHOEROIDES PARVUS	13	166.1
LUTJANUS CAMPECHANUS	21	878.4
STACIUM GUNTERI	75	1459.6
TOTALS 11	130	2971.2

TRANSECT 3 STATION 5 D TRAWL 76FALL
21 SEP 1976 SAMPLE AR2X
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	8.5
ANCHOA HEPSETUS	2	23.8
STENOTOMUS CAPRINUS	2	27.9
DIPLECTRUM BIVITTATUM	1	29.2
LUTJANUS CAMPECHANUS	1	31.3
MICROPOGON UNDULATUS	1	59.3
PRIACANTHUS ARENATUS	1	77.4
VOMER SETAPINNIS	2	84.5
POLYDACTYLUS OCTONEMUS	2	103.8
SYNODUS FOETENS	2	111.2
CYCLOPSETTA CHITTENDENI	1	121.3
HAREMGULA PENSACOLAE	4	130.1
CYNOSCION NOTHUS	3	210.8
CHLOROSCOMBRUS CHRYSURUS	16	441.1
PEPRILUS BURTI	18	842.3
TRACHURUS LATHAMI	87	1548.2
TOTALS 16	144	3850.7

TRANSECT 3 STATION 5 N TRAWL 76FALL
21 SEP 1976 SAMPLE AR2Z
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	4	5.2
SAURIDA BRASILIENSIS	1	8.1
BOLLMANNIA COMMUNIS	5	11.1
SPHOEROIDES PARVUS	12	15.1
CHLOROSCOMBRUS CHRYSURUS	1	24.0
ENGYOPHRYS SENTA	12	32.3
LUTJANUS CAMPECHANUS	2	38.0
HOPLUNNIS MACRURUS	4	39.2
DIPLECTRUM BIVITTATUM	2	41.0
LEPOPHIDIUM GRAELLSI	1	49.0
CYNOSCION NOTHUS	1	56.2
STENOTOMUS CAPRINUS	6	73.9
CENTROPRISTIS PHILADELPHICA	7	86.3
SYNODUS FOETENS	1	89.0
PEPRILUS BURTI	2	90.0
CYCLOPSETTA CHITTENDENI	5	142.8
MICROPOGON UNDULATUS	3	187.4
PRIONOTUS RUBIO	15	248.2
SYACIUM GUNTERI	28	371.7
SERRANUS ATROBRANCHUS	95	778.3
TOTALS 20	207	2386.8

TRANSECT 3 STATION 6 D TRAWL 76FALL
22 SEP 1976 SAMPLE ASB6
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HEMIRAMPHUS BRASILIENSIS	1	14.6
SAURIDA BRASILIENSIS	11	38.4
PIKEA MEXICANA	2	54.1
UROPHYCIS CIRRATUS	1	63.0
PRIONOTUS STEARNSI	8	68.3
CAULOLATILUS INTERMEDIUS	1	81.1
PRISTIPOMOIDES AQUILONARIS	2	172.9
PRIONOTUS PARALATUS	6	201.2
TRICHOPSETTA VENTRALIS	18	327.3
SERRANUS ATROBRANCHUS	21	402.8
PONTINUS LONGISPINIS	9	484.8
TOTALS 11	80	1908.5

TRANSECT 3 STATION 6 N TRAWL 76FALL
23 SEP 1976 SAMPLE ASB1
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OPHICHTHUS GOMESI	1	2.0
HOPLUNNIS TENUIS	2	5.0
GYMNACHIRUS TEXAE	1	14.4
HEMIRAMPHUS BRASILIENSIS	1	25.8
LEPOPHIDIUM GRAELLSI	1	31.0
ANCYLOPSETTA DILECTA	1	46.9
CONGRINA FLAVA	1	88.1
SYNODUS FOETENS	1	154.3
TRACHURUS LATHAMI	4	197.5
PRIONOTUS PARALATUS	8	317.6
UROPHYCIS CIRRATUS	3	375.5
SERRANUS ATROBRANCHUS	27	518.4
PONTINUS LONGISPINIS	11	542.1
UROPHYCIS FLORIDANUS	3	544.8
TRICHOPSETTA VENTRALIS	48	937.9
PRISTIPOMOIDES AQUILONARIS	18	1297.6
TOTALS 16	131	5498.9

TRANSECT 4 STATION 1 D TRAWL 76FALL
20 SEP 1976 SAMPLE ASC0
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRACHURUS LATHAMI	1	17.2
ETROPUS CROSSOTUS	1	22.7
SPHOEROIDES PARVUS	12	43.0
CENTROPRISTIS PHILADELPHICA	4	48.2
UPENEUS PARVUS	3	50.8
EUCINOSTOMUS GULA	4	68.5
DIPLECTRUM BIVITTATUM	4	72.5
SYACIUM GUNTERI	6	114.2
TOTALS 8	35	437.1

TRANSECT 4 STATION 1 N TRAWL 76FALL
20 SEP 1976 SAMPLE ASC1
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LUTJANUS CAMPECHANUS	1	1.6
LEPOPHIDIUM GRAELLSI	1	10.7
MALIEUTICHTHYS ACULEATUS	3	13.3
DIPLECTRUM BIVITTATUM	1	14.5
EUCINOSTOMUS GULA	1	17.2
CENTROPRISTIS PHILADELPHICA	1	17.6
PRIONOTUS OPHRYAS	2	19.5
POLYDACTYLUS OCTONEMUS	1	24.8
PORICHTHYS POROSISSIMUS	3	38.2
STENOTOMUS CAPRINUS	3	50.7
PRIONOTUS RUBIO	4	76.8
SYACIUM GUNTERI	34	544.9
SPHOEROIDES PARVUS	193	582.3
TOTALS 13	248	1412.1

TRANSECT 4 STATION 2 D TRAWL 76FALL
19 SEP 1976 SAMPLE ASEN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	2	6.9
SPHOEROIDES PARVUS	3	10.8
KATHETOSTOMA ALBIGUTTA	1	10.9
SPHOEROIDES DORSALIS	1	13.5
TRACHURUS LATHAMI	1	18.0
PORICHTHYS POROSISSIMUS	2	29.0
SYNODUS POEYI	5	31.4
PRISTIPOMOIDES AQUILONARIS	6	44.3
CENTROPRISTIS PHILADELPHICA	2	47.7
STENOTOMUS CAPRINUS	5	85.5
LAGOCEPHALUS LAEVIGATUS	2	95.8
SAURIDA BRASILIENSIS	28	143.9
LAGODON RHOMBOIDES	2	118.2
PRIONOTUS STEARNSI	32	152.3
PRIONOTUS PARALATUS	9	156.1
PRIONOTUS RUBIO	7	279.3
SYACIUM GUNTERI	23	369.7
SERRANUS AIROBRANCHUS	32	521.3
CYCLOPSETTA CHITTENDENI	7	546.5
UPENEUS PARVUS	24	556.0
PEPRILUS BURTI	13	721.3
SYNODUS FOETENS	6	984.3
TOTALS 22	213	4902.7

TRANSECT 4 STATION 2 N TRAWL 76FALL
19 SEP 1976 SAMPLE ASEN
BLM-STUDS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SCORPAENA DISPAR	1	3.1
ENGYOPHRYS SENTA	2	7.3
HALIEUTICHTHYS ACULEATUS	1	9.0
MONACANTHUS HISPIDUS	1	13.6
GYMNACHIRUS TEXAE	1	15.4
BELLATOR MILITARIS	4	23.8
SPHOEROIDES PARVUS	3	23.8
DIPLECTRUM BIVITTATUM	1	24.5
BROTULA BARBATA	1	30.0
PORICHTHYS POROSISSIMUS	2	30.7
SPHOEROIDES DORSALIS	9	42.2
PRIONOTUS OPHRYAS	6	44.3
UPENEUS PARVUS	2	47.8
SYNODUS FOETENS	1	70.8
PRIONOTUS RUBIO	1	74.1
PRIONOTUS STEARNSI	14	80.2
PRISTIPOMOIDES AQUILONARIS	5	93.3
PRIONOTUS PARALATUS	9	103.2
RAJA TEXANA	2	132.1
MICROPOGON UNDULATUS	2	152.0
CYCLOPSETTA CHITTENDENI	1	182.0
SERRANUS AIROBRANCHUS	24	213.8
CENTROPRISTIS PHILADELPHICA	6	214.1
SYACIUM GUNTERI	24	254.4
STENOTOMUS CAPRINUS	24	393.5
TOTALS 25	147	2279.0

TRANSECT 4 STATION 3 D TRAWL 76FALL
19 SEP 1976 SAMPLE ASGM
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	7.1
CAULOLATILUS INTERMEDIUS	1	117.3
SYNODUS FOETENS	1	141.0
PRIONOTUS PARALATUS	4	156.2
SERRANUS AIROBRANCHUS	16	342.1
TRACHURUS LATHAMI	19	438.6
UPENEUS PARVUS	17	552.5
PRISTIPOMOIDES AQUILONARIS	11	1247.8
TOTALS 8	70	3002.6

TRANSECT 4 STATION 3 D TRAWL 76FALL
19 SEP 1976 SAMPLE ASGP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	1	4.2
SPHOEROIDES DORSALIS	2	19.4
GYMNACHIRUS TEXAE	2	23.0
PRIONOTUS STEARNSI	2	30.1
ANTENNARIUS RADIOSUS	2	39.5
TRICHOPSETTA VENTRALIS	3	46.2
PRISTIPOMOIDES AQUILONARIS	1	51.2
UPENEUS PARVUS	2	56.8
SYMPHURUS DIOMEDIANUS	3	75.1
CENTROPRISTIS PHILADELPHICA	2	118.0
PRIONOTUS PARALATUS	7	125.8
HALIEUTICHTHYS ACULEATUS	26	178.6
STENOTOMUS CAPRINUS	3	184.6
SERRANUS AIROBRANCHUS	23	220.9
TOTALS 14	79	1173.0

TRANSECT 4 STATION 4 D TRAWL 76FALL
20 SEP 1976 SAMPLE ASIE
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ETROPUS CROSSOTUS	1	4.0
SAURIDA BRASILIENSIS	1	5.6
PRIONOTUS OPHRYAS	1	10.1
CENTROPRISTIS PHILADELPHICA	2	31.3
HALISTES CAPRISCUS	2	38.8
EUCINOSTOMUS ARGENTEUS	6	55.3
ANCYLOPSETTA QUADROCELLATA	1	55.5
OGCOCEPHALUS SPECIES	1	61.0
SYACIUM GUNTERI	3	61.5
CHLOROSCOMBRUS CHRYSURUS	2	65.7
DIPLECTRUM BIVITTATUM	5	69.1
LUTJANUS CAMPECHANUS	11	191.0
TOTALS 12	36	648.9

TRANSECT 4 STATION 4 N TRAWL 76FALL
20 SEP 1976 SAMPLE ASIG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
LACTOPHRYS QUADRICORNIS	1	4.0
SERRANICULUS PUMILIO	1	5.5
PORICHTHYS POROSISSIMUS	1	13.4
SAURIDA BRASILIENSIS	2	13.7
STENOTOMUS CAPRINUS	1	15.0
ETROPUS CROSSOTUS	2	15.3
SPHOEROIDES PARVUS	11	52.8
CYNOSCION NOTHUS	1	57.6
OPHIDION WELSHI	1	68.3
CENTROPRISTIS PHILADELPHICA	6	90.8
LUTJANUS CAMPECHANUS	4	91.9
DIPLECTRUM BIVITTATUM	11	179.8
SYACIUM GUNTERI	31	712.8
TOTALS 13	73	1320.9

TRANSECT 4 STATION 5 D TRAWL 76FALL
20 SEP 1976 SAMPLE ASJU
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	1	2.0
SPHOEROIDES PARVUS	2	8.0
STENOTOMUS CAPRINUS	1	11.0
LAGOCEPHALUS LAEVIGATUS	2	11.4
ANCHOA HEPSETUS	1	18.0
CENTROPRISTIS PHILADELPHICA	2	18.6
SAURIDA BRASILIENSIS	6	29.0
PRIONOTUS RUBIO	2	30.7
PORICHTHYS POROSISSIMUS	3	43.2
UPENEUS PARVUS	3	51.5
PEPRILUS BURTI	2	62.2
SYACIUM GUNTERI	5	63.6
VOMER SETAPINNIS	2	67.8
CYCLOPSETTA CHITTENDENI	1	106.0
TRACHURUS LATHAMI	7	110.4
LARIMUS FASCIATUS	3	127.0
CYNOSCION NOTHUS	2	143.1
SYNODUS FOETENS	3	226.6
CHLOROSCOMBRUS CHRYSURUS	8	229.2
SERRANUS AITROBRANCHUS	30	299.0
CYNOSCION ARENARIUS	9	663.5
TRICHIURUS LEPTURUS	13	769.6
MICROPOGON UNDULATUS	19	895.3
POLYDACTYLUS OCTONEMUS	45	2248.7
TOTALS 24	172	6235.4

TRANSECT 4 STATION 5 N TRAWL 76FALL
20 SEP 1976 SAMPLE ASJW
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	5.6
BULLMANNIA COMMUNIS	3	11.4
ENGYOPHRYS SENTA	3	14.3
LUTJANUS CAMPECHANUS	1	20.2
DIPLECTRUM BIVITTATUM	1	28.1
PORICHTHYS POROSISSIMUS	2	29.2
SPHOEROIDES PARVUS	15	52.9
PRIONOTUS RUBIO	1	57.1
GYMNACHIRUS TEXAE	4	58.5
LEPOPHIDIUM GRAELLSI	1	59.2
SYNODUS FOETENS	1	90.0
LARIMUS FASCIATUS	2	102.1
LAGODON RHOMBOIDES	2	107.7
MENTICIRRHUS AMERICANUS	1	136.7
CENTROPRISTIS PHILADELPHICA	6	185.1
LEIOSTOMUS XANTHURUS	2	186.9
STENOTOMUS CAPRINUS	14	227.5
CYNOSCION ARENARIUS	2	264.4
CYCLOPSETTA CHITTENDENI	9	322.9
SYACIUM GUNTERI	27	353.3
MICROPOGON UNDULATUS	11	606.7
SERRANUS AITROBRANCHUS	89	841.5
POLYDACTYLUS OCTONEMUS	43	2136.5
TOTALS 23	241	5897.8

TRANSECT 4 STATION 6 D TRAWL 76FALL
19 SEP 1976 SAMPLE ASKY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OPSANUS BETA	1	5.0
SYNODUS POEYI	1	7.4
BELLATOR MILITARIS	1	15.8
SAURIDA BRASILIENSIS	7	31.2
HALIEUTICHTHYS ACULEATUS	4	32.4
TRICHOPSETTA VENTRALIS	1	41.7
PRIACANTHUS ARENATUS	1	60.5
CENTROPRISTIS PHILADELPHICA	1	77.5
STENOTOMUS CAPRINUS	3	80.7
LAGODON RHOMBOIDES	1	83.0
STACIUM GUNTERI	6	109.0
UPENEUS PARVUS	4	121.0
SPHOEROIDES DORSALIS	10	126.5
CYCLOPSETTA CHITTENDENI	1	140.2
SERRANUS AIROBRANCHUS	11	151.4
CAULOLATILUS INTERMEDIUS	3	168.6
PRIONOTUS PARALATUS	7	175.3
PRIONOTUS RUBIO	2	191.3
PRISTIPOMOIDES AQUILONARIS	4	220.2
VOMER SETAPINNIS	1	218.3
PRIONOTUS STEARNSI	50	502.8
SYNODUS FOETENS	8	1050.1
TOTALS 22	128	3589.9

TRANSECT 4 STATION 6 N TRAWL 76FALL
19 SEP 1976 SAMPLE ASLA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES DORSALIS	1	10.1
PRIONOTUS PARALATUS	2	31.0
PRIONOTUS STEARNSI	4	46.4
HAEMULON MACROSTOMUM	1	52.8
CAULOLATILUS INTERMEDIUS	1	55.6
STACIUM GUNTERI	7	68.3
EQUETUS ACUMINATUS	2	88.6
STENOTOMUS CAPRINUS	6	122.4
TRICHOPSETTA VENTRALIS	3	129.9
PRISTIPOMOIDES AQUILONARIS	5	171.9
SERRANUS AIROBRANCHUS	30	187.3
LUTJANUS CAMPECHANUS	1	218.1
SYNODUS FOETENS	1	237.8
CYCLOPSETTA CHITTENDENI	2	258.9
HALIEUTICHTHYS ACULEATUS	63	476.6
CENTROPRISTIS PHILADELPHICA	6	603.3
TOTALS 16	135	2759.0

TRANSECT 4 STATION 7 D TRAWL 76FALL
19 SEP 1976 SAMPLE ASMI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS PARALATUS	1	21.2
TRICHOPSETTA VENTRALIS	3	49.6
GYMNACHIRUS TEXAE	3	57.1
HALIEUTICHTHYS ACULEATUS	9	57.6
CAULOLATILUS INTERMEDIUS	1	61.3
TRACHURUS LATHAMI	4	97.8
SERRANUS AIROBRANCHUS	10	232.2
TOTALS 7	31	576.8

TRANSECT 4 STATION 7 N TRAWL 76FALL
19 SEP 1976 SAMPLE ASMK
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HEMANTHIAS VIVANUS	1	7.3
CAULOLATILUS INTERMEDIUS	1	25.0
HALIEUTICHTHYS ACULEATUS	4	33.3
KATHETOSTOMA ALBIGUTTA	1	34.3
TRICHOPSETTA VENTRALIS	5	73.4
PRIONOTUS RUBIO	2	144.5
PRIONOTUS PARALATUS	31	630.6
SERRANUS AIROBRANCHUS	125	2644.1
PRISTIPOMOIDES AQUILONARIS	57	3599.0
TOTALS 9	227	7191.5

TRANSECT 2 STATION 1 D TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVBB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	6.2
SPHOEROIDES PARVUS	1	6.9
CHLOROSCOMBRUS CHRYSURUS	3	36.0
MICROPOGON UNDULATUS	1	41.0
LAGODON RHOMBOIDES	2	47.2
CARANX HIPPOS	1	61.9
SYACIUM GUNTERI	11	67.5
LEIOSTOMUS XANTHURUS	1	127.2
POLYDACTYLUS OCTONEMUS	4	234.0
TOTALS 9	25	627.9

TRANSECT 2 STATION 1 D TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVLG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
DIPLECTRUM BIVITTATUM	1	6.6
PORICHTHYS POROSISSIMUS	1	8.2
CYNOSCION ARENARIUS	1	77.2
TOTALS 3	3	92.0

TRANSECT 2 STATION 1 D TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVLJ
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PORICHTHYS POROSISSIMUS	1	3.7
HALIEUTICHTHYS ACULEATUS	4	5.4
BOLLMANNIA COMMUNIS	1	8.0
STACIUM GUNTERI	3	15.7
EIROPUS CROSSOTUS	1	21.4
SPHOEROIDES PARVUS	8	28.6
LUTJANUS CAMPECHANUS	5	29.4
LEPOPHIDIUM GRAELLSI	1	29.7
CYNOSCION ARENARIUS	1	62.0
CYNOSCION NOTHUS	1	67.7
MICROPOGON UNDULATUS	3	140.3
TOTALS 11	29	411.9

TRANSECT 2 STATION 1 N TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVBF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	1	1.8
HALIEUTICHTHYS ACULEATUS	3	4.7
DIPLECTRUM BIVITTATUM	1	7.2
PORICHTHYS POROSISSIMUS	2	9.2
CENTROPRISTIS PHILADELPHICA	1	19.3
SPHOEROIDES PARVUS	5	21.6
LUTJANUS CAMPECHANUS	4	24.4
LEPOPHIDIUM GRAELLSI	1	30.4
STACIUM GUNTERI	21	173.3
CYNOSCION ARENARIUS	2	176.8
SYNODUS FOETENS	1	198.7
TOTALS 11	42	667.4

TRANSECT 2 STATION 2 D TRAWL 76NOVEMBER
16 NOV 1976 SAMPLE AVCI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	2.2
LUTJANUS CAMPECHANUS	1	2.2
PRIONOTUS STEARNSI	1	3.1
CYCLOPSETTA CHITTENDENI	1	3.8
ENGYOPHRYS SENTA	2	7.3
CITHARICHTHYS SPILOPTERUS	1	8.4
PRIONOTUS PARALATUS	1	15.1
DIPLECTRUM BIVITTATUM	1	18.3
STENOTOMUS CAPRINUS	1	21.5
UPENEUS PARVUS	1	28.5
PRIONOTUS ROBIO	2	34.2
SERRANUS ATROBRANCHUS	5	72.8
SYNODUS FOETENS	3	73.1
OGCOCEPHALUS SPECIES	1	95.0
STACIUM GUNTERI	15	370.9
TOTALS 15	37	756.4

TRANSECT 2 STATION 2 N TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVCM
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	1	4.0
PORICHTHYS POROSISSIMUS	1	7.2
HAEMULON MACROSTOMUM	1	15.4
LEPOPHIDIUM GRAELLSI	1	21.2
STENOTOMUS CAPRINUS	2	47.9
LUTJANUS CAMPECHANUS	3	51.1
SERRANUS ATROBRANCHUS	5	51.4
LAGODON RHOMBOIDES	1	78.0
CENTROPRISTIS PHILADELPHICA	5	85.6
DIPLECTRUM BIVITTATUM	5	91.1
STACIUM GUNTERI	6	152.0
CYNOSCION NOTHUS	2	181.2
SYNODUS FOETENS	3	276.8
PRIONOTUS ROBIO	14	305.4
LEIOSTOMUS XANTHURUS	17	1468.1
TOTALS 15	67	2836.4

TRANSECT 2 STATION 3 D TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVDP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS STEARNSI	1	8.0
UPENEUS PARVUS	2	48.1
PRIONOTUS PARALATUS	2	50.9
LAGODON RHOMBOIDES	1	70.0
TRACHURUS LATHAMI	5	113.5
SERRANUS ATROBRANCHUS	18	370.5
SYNODUS FOETENS	4	618.6
STENOTOMUS CAPRINUS	14	843.0
PRISTIPOMOIDES AQUILONARIS	19	1714.7
TOTALS 9	66	3837.3

TRANSECT 2 STATION 3 N TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVDT
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HOPLUNNIS MACRURUS	1	14.5
TRICHOPSETTA VENTRALIS	1	15.8
PONTINUS LONGISPINIS	2	25.5
ANCYLOPSETTA DILECTA	1	50.7
PRIONOTUS PARALATUS	2	60.1
TRACHURUS LATHAMI	7	196.9
CYNOSCION ARENARIUS	1	269.4
SERRANUS ATROBRANCHUS	26	566.1
STENOTOMUS CAPRINUS	17	995.4
PRISTIPOMOIDES AQUILONARIS	23	1634.6
TOTALS 10	81	3829.0

TRANSECT 2 STATION 4 D TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVEV
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
DIPLECTRUM BIVITTATUM	1	11.2
UPENEUS PARVUS	1	30.7
SYNODUS FOETENS	2	93.5
CHLOROSCOMBRUS CHRYSURUS	47	630.0
TOTALS 4	51	765.4

TRANSECT 2 STATION 4 N TRAWL 76NOVEMBER
15 NOV 1976 SAMPLE AVEY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
ENGYOPHRYS SENTA	1	3.6
BOLLMANNIA COMMUNIS	1	4.5
PORICHTHYS POROSISSIMUS	1	4.9
SPHOEROIDES PARVUS	2	10.7
DIPLECTRUM BIVITTATUM	2	13.3
LUTJANUS CAMPECHANUS	6	41.5
CENTROPRISTIS PHILADELPHICA	3	64.8
ANCYLOPSETTA QUADROCELLATA	1	85.0
SYACIUM GUNTERI	15	132.2
LEIOSTOMUS XANTHURUS	2	134.2
CYNOSCION NOTHUS	6	455.9
TOTALS 11	40	950.6

TRANSECT 2 STATION 5 D TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVGA
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	2	9.3
PRIONOTUS STEARNSI	1	10.0
TRICHOPSETTA VENTRALIS	1	23.4
SERRANUS ATROBRANCHUS	5	67.3
UPENEUS PARVUS	2	80.5
STENOTOMUS CAPRINUS	4	112.0
PRIONOTUS PARALATUS	3	126.5
PRISTIPOMOIDES AQUILONARIS	6	252.7
CENTROPRISTIS PHILADELPHICA	11	813.3
SYNODUS FOETENS	9	1151.2
TOTALS 10	44	2646.2

TRANSECT 2 STATION 5 N TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVGD
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
TRICHOPSETTA VENTRALIS	1	4.3
SERRANUS ATROBRANCHUS	1	14.5
STENOTOMUS CAPRINUS	1	21.3
CENTROPRISTIS PHILADELPHICA	1	84.3
SYNODUS FOETENS	1	95.3
PRIONOTUS RUBIO	2	108.6
TOTALS 6	7	328.3

TRANSECT 2 STATION 6 D TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVHF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	2.9
PRIONOTUS STEARNSI	1	10.5
RAINEIOSTOMA ALBIGUTTA	1	47.8
LAGOCEPHALUS LAEVIGATUS	1	65.0
PRIONOTUS PARALATUS	2	88.2
TRICHOPSETTA VENTRALIS	6	97.7
MICROPOGON UNDULATUS	1	115.0
SYNODUS FOETENS	1	146.1
SERRANUS ATROBRANCHUS	10	155.5
STENOTOMUS CAPRINUS	6	283.7
LEIOSTOMUS XANTHURUS	3	427.9
UPENEUS PARVUS	14	435.7
LAGODON RHOMBOIDES	4	490.3
PEPRILUS BURTI	14	915.2
PRISTIPOMOIDES AQUILONARIS	12	1187.9
TOTALS 15	77	4469.4

TRANSECT 2 STATION 6 N TRAWL 76NOVEMBER
19 NOV 1976 SAMPLE AVH1
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	1	6.5
PRIONOTUS STEARNSI	2	17.4
PRIONOTUS PARALATUS	1	20.1
TRICHOPSETTA VENTRALIS	2	32.0
UPENEUS PARVUS	1	45.0
TRACHURUS LATHAMI	1	59.1
SYNODUS FOETENS	1	119.0
PRISTIPOMOIDES AQUILONARIS	3	130.5
LAGODON RHOMBOIDES	2	167.1
PRIONOTUS RUBIO	3	206.5
SERRANUS ATROBRANCHUS	17	285.8
CENTROPRISTIS PHILADELPHICA	4	288.5
MICROPOGON UNDULATUS	4	590.3
CYNOSCION ARENARIUS	5	633.9
LEIOSTOMUS XANTHURUS	4	650.4
STENOTOMUS CAPRINUS	24	1330.4
TOTALS 16	75	4582.5

TRANSECT 2 STATION 1 D TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AVYY
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SPHOEROIDES PARVUS	2	3.6
SYNODUS FOETENS	1	6.3
LUTJANUS CAMPECHANUS	1	7.8
SAURIDA BRASILIENSIS	2	12.6
DIPLECTRUM BIVITTATUM	2	16.4
ETROPUS CROSSOTUS	1	21.5
CYNOSCION ARENARIUS	1	61.3
MICROPOGON UNDULATUS	2	90.3
SYACIUM GUNTERI	7	124.1
TOTALS 9	19	343.9

TRANSECT 2 STATION 1 N TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AVZC
BLM-STUCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PRIONOTUS OPHRYAS	2	2.0
BOLLMANNIA COMMUNIS	1	3.9
SYNODUS FOETENS	1	7.1
CENTROPRISTIS PHILADELPHICA	1	12.9
SYACIUM GUNTERI	8	54.1
CYNOSCION NOTHUS	12	54.3
SPHOEROIDES PARVUS	25	94.1
TOTALS 7	50	228.4

TRANSECT 2 STATION 1 N TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AVZF
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	2	2.6
SYACIUM GUNTERI	1	5.9
BOLLMANNIA COMMUNIS	3	9.1
SAURIDA BRASILIENSIS	2	10.2
LAGODON RHOMBOIDES	1	18.0
SYNODUS FOETENS	2	19.1
CENTROPRISTIS PHILADELPHICA	1	23.0
SPHOEROIDES PARVUS	19	69.4
CYNOSCION ARENARIUS	10	73.9
TOTALS 9	41	231.2

TRANSECT 2 STATION 1 N TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AVZI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
BOLLMANNIA COMMUNIS	2	7.1
CENTROPRISTIS PHILADELPHICA	1	34.1
SPHOEROIDES PARVUS	10	35.8
LAGODON RHOMBOIDES	1	36.1
SYNODUS FOETENS	1	37.1
SYACIUM GUNTERI	7	47.2
CYNOSCION ARENARIUS	2	90.3
TOTALS 7	24	287.7

TRANSECT 2 STATION 2 D TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWAL
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	1.6
CYCLOPSETTA CHITTENDENI	1	3.7
SYNODUS POEYI	1	7.1
PRIONOTUS PARALATUS	1	13.7
PRIONOTUS STEARNSI	3	13.7
SAURIDA BRASILIENSIS	7	30.2
PRIONOTUS RUBIO	3	50.4
SERRANUS AITRORANCHUS	8	63.1
STENOTOMUS CAPRINUS	4	78.6
SYACIUM GUNTERI	9	211.3
SYNODUS FOETENS	5	514.4
TOTALS 11	43	987.8

TRANSECT 2 STATION 2 N TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AWAP
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
OGCOCEPHALUS SPECIES	2	22.4
DIPLECTRUM BIVITTATUM	1	27.3
SERRANUS AITRORANCHUS	6	49.6
CYCLOPSETTA CHITTENDENI	2	59.9
STENOTOMUS CAPRINUS	4	76.9
PRIONOTUS RUBIO	3	96.7
SYNODUS FOETENS	1	138.2
ANCYLOPSETTA QUADROCELLATA	1	164.4
CENTROPRISTIS PHILADELPHICA	1	181.2
SYACIUM GUNTERI	26	543.4
TOTALS 10	47	1360.0

TRANSECT 2 STATION 3 D TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWBS
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	4.6
PRIONOTUS STEARNSI	3	25.6
BEMBROPS ANATIROSTRIS	1	28.7
PIKEA MEXICANA	1	29.7
HALIEUTICHTHYS ACULEATUS	4	31.0
STENOTOMUS CAPRINUS	1	33.8
ANTENNARIUS RADIOSUS	1	36.3
URUPHYCIS CIRRATUS	1	36.3
ANCYLOPSETTA DILECTA	1	43.9
KAIMETOSTOMA ALBIGUTTA	2	92.7
TRICHOPSETTA VENTRALIS	5	101.0
PONTINUS LONGISPINIS	3	104.6
PRIACANTHUS ARENATUS	1	129.4
SERRANUS ATROBRANCHUS	10	196.7
PRIONOTUS PARALATUS	6	204.0
TOTALS 15	41	1098.3

TRANSECT 2 STATION 3 N TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWBN
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
PORICHTHYS POROSISSIMUS	1	12.3
ANTENNARIUS RADIOSUS	1	45.7
ANCYLOPSETTA DILECTA	3	138.0
TRICHOPSETTA VENTRALIS	9	177.4
EQUETUS ACUMINATUS	3	192.9
CENTROPRISTIS PHILADELPHICA	1	210.4
PONTINUS LONGISPINIS	3	233.3
CAULOLATILUS INTERMEDIUS	4	318.8
SERRANUS ATROBRANCHUS	17	342.2
STENOTOMUS CAPRINUS	8	419.3
PRIONOTUS PARALATUS	17	523.9
PRISTIPOMOIDES AQUILONARIS	12	836.1
TOTALS 12	79	3450.3

TRANSECT 2 STATION 4 D TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AWCY
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	1	4.6
TRACHURUS LATHAMI	2	69.3
DIPLECTRUM BIVITTATUM	8	79.0
CENTROPRISTIS PHILADELPHICA	3	106.8
SYNODUS FOETENS	2	148.2
TOTALS 5	16	407.9

TRANSECT 2 STATION 4 N TRAWL 76DECEMBER
08 DEC 1976 SAMPLE AWDB
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	1.2
LUTJANUS CAMPECHANUS	1	3.9
SPHOEROIDES PARVUS	1	5.0
BOLLMANNIA COMMUNIS	1	7.0
PORICHTHYS POROSISSIMUS	1	12.1
ENGYOPHRYS SENTA	5	12.8
DIPLECTRUM BIVITTATUM	3	17.5
CYCLOPSETTA CHITTENDENI	2	21.2
PRIONOTUS RUBIO	1	30.2
GYMNACHIRUS TEXAE	2	32.0
SYACIUM GUNTERI	46	705.9
TOTALS 11	64	848.8

TRANSECT 2 STATION 5 D TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWED
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	10.7
GYMNACHIRUS TEXAE	2	31.2
PRIONOTUS STEARNSI	4	33.5
PORICHTHYS POROSISSIMUS	1	43.2
SERRANUS ATROBRANCHUS	3	44.9
STENOTOMUS CAPRINUS	1	58.8
TRICHOPSETTA VENTRALIS	3	63.9
SYNODUS FOETENS	1	226.0
CENTROPRISTIS PHILADELPHICA	4	373.8
CYCLOPSETTA CHITTENDENI	5	713.8
PARALICHTHYS LETHOSTIGMA	1	1054.0
TOTALS 11	26	2653.8

TRANSECT 2 STATION 6 D TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWEI
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SAURIDA BRASILIENSIS	2	5.3
HALIEUTICHTHYS ACULEATUS	1	7.0
PRIONOTUS STEARNSI	2	20.9
OGCOCEPHALUS SPECIES	2	29.9
PRIONOTUS RUBIO	1	52.1
UPENEUS PARVUS	2	55.0
STENOTOMUS CAPRINUS	3	67.0
SERRANUS ATROBRANCHUS	6	108.5
CENTROPRISTIS PHILADELPHICA	2	160.3
PRIONOTUS PARALATUS	6	207.8
TRICHOPSETTA VENTRALIS	14	257.9
PRISTIPOMOIDES AQUILONARIS	2	292.7
TOTALS 12	43	1264.4

TRANSECT 2 STATION 5 N TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWEG
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
SYNODUS POEYI	1	7.2
PORICHTHYS POROSISSIMUS	1	12.7
HALIEUTICHTHYS ACULEATUS	3	27.7
LUTJANUS CAMPECHANUS	1	27.9
KAIMLTOSTOMA ALBIGUTTA	2	39.5
PRISTIPOMOIDES AQUILONARIS	2	61.5
CENTROPRISTIS PHILADELPHICA	1	64.3
TRICHOPSETTA VENTRALIS	5	95.1
PRIONOTUS PARALATUS	8	176.8
STENOTOMUS CAPRINUS	5	242.2
SERRANUS ATROBRANCHUS	24	344.5
PRIONOTUS RUBIO	8	546.3
CYCLOPSETTA CHITTENDENI	7	946.6
TOTALS 13	68	2552.3

TRANSECT 2 STATION 6 N TRAWL 76DECEMBER
09 DEC 1976 SAMPLE AWEL
BLM-STOCS DEMERSAL FISHES

SPECIES	ABUNDANCE	WEIGHT(GM)
HALIEUTICHTHYS ACULEATUS	1	4.2
PRIONOTUS STEARNSI	1	9.8
PRIONOTUS RUBIO	1	84.9
PRIONOTUS PARALATUS	5	85.9
TRICHOPSETTA VENTRALIS	6	88.1
TRACHURUS LATHAMI	3	117.1
CENTROPRISTIS PHILADELPHICA	1	118.7
CALAMUS PENNA	1	144.7
SERRANUS ATROBRANCHUS	16	261.1
LEIOSTOMUS XANTHURUS	1	278.0
PRISTIPOMOIDES AQUILONARIS	12	592.7
STENOTOMUS CAPRINUS	16	703.3
TOTALS 12	64	2488.5

TABLE 2

SPECIES BY ORDER AND FAMILY COLLECTED IN 1975 AND 1976, WITH NUMBER OF INDIVIDUALS, BIOMASS, AND NUMBER OF OCCURRENCES

Explanation of Table 1:

Column 1 - Number of Individuals - 1975
Column 2 - Number of Individuals - 1976
Column 3 - Total Biomass (in g) - 1975
Column 4 - Total Biomass (in g) - 1976
Column 5 - Number of Occurrences - 1975
Column 6 - Number of Occurrences - 1976

	(1)	(2)	(3)	(4)	(5)	(6)
SQUALIFORMES						
CARCHARHINIDAE (REQUIEM SHARKS)						
MUSTELUS CANIS	3	1	5425.3	1149.0	3	1
SPHYRNA TIBURO	1		120.3		1	
SQUATINIDAE (ANGEL SHARKS)						
SQUATINA DUMERILI	1	1	412.0	1690.0	1	1
RAJIFORMES						
TORPEDINIDAE (ELECTRIC RAYS)						
NARCINE BRASILIENSIS		2		963.8		2
RAJIDAE (SKATES)						
RAJA OLSENI		2		665.4		2
RAJA TEXAE	2	3	29.4	243.6	2	2
ANGUILLIFORMES						
MURAENIDAE (MORAYS)						
GYMNOTHORAX NIGROMARGINATUS	23	23	1172.2	1658.9	11	14
MURAENESOCIDAE (PIKE CONGERS)						
HOPLUNNIS MACRURUS	63	101	735.6	1273.8	18	27
HOPLUNNIS TENUIS	2	2	5.9	5.0	1	1
CONGRIDAE (CONGER EELS)						
CONGRINA FLAVA	43	18	1196.0	639.2	12	12
OPHICHTHIDAE (SNAKE EELS)						
MYROPHIS PUNCTATUS	1		18.7		1	
OPHICHTHUS GOMESI	9	12	541.4	956.6	7	11
DYSOMMIDAE (ARROWTOOTH EELS)						
DYSOMMA APHODODERA	2		37.0		1	
CLUPEIFORMES						
CLUPEIDAE (HERRINGS)						
BREVOORTIA GUNTERI		6		330.2		1
HARENGULA PENSACOLAE	10	35	330.0	1119.8	4	6
OPISTHONEMA OGLINUM		3		158.3		3
SARDINELLA ANCHOVIA	1	2	16.0	78.1	1	1
ENGRAULIDAE (ANCHOVIES)						
ANCHOA HEPSETUS	267	1586	3092.5	7158.1	11	27
ANCHOA LYOLEPIS		1		5.3		1
ANCHOA MITCHILLI	76	355	149.1	594.2	5	9
ANCHOA NASUTA		2		12.7		1
MYCTOFIFORMES						
SYNODONTIDAE (LIZARDFISHES)						
SAURIDA BRASILIENSIS	899	1067	4391.7	4598.1	46	94
SYNODUS FOETENS	443	425	35059.6	48248.2	60	131
SYNODUS POEYI	129	220	915.8	1374.1	19	45
SILURIFORMES						
ARIIDAE (SEA CATFISHES)						
ARIUS FELIS	12	6	2962.9	1054.0	4	5
BAGRE MARINUS	2		73.6		1	
BATRACHOIDIFORMES (TOADFISHES)						
BATRACHOIDIDAE						
OPSANUS BETA	1	1	402.3	5.0	1	1
PORICHTHYS POROSISSIMUS	226	582	2729.7	6425.2	34	71

	(1)	(2)	(3)	(4)	(5)	(6)
LOPHIIFORMES						
LOPHIIDAE (GOOSEFISHES)						
LOPHIOMUS SP.	1		15.0		1	
ANTENNARIDAE (FROGFISHES)						
ANTENNARIUS RADIOSUS	22	54	81.7	645.9	8	31
OGCOCEPHALIDAE (BATFISHES)						
HALIEUTICHTHYS ACULEATUS	88	257	625.4	1731.4	16	61
OGCOCEPHALUS NASUTUS		1		3.9		1
OGCOCEPHALUS SP	22	59	366.1	1652.7	13	37
ZALIEUTES MCGINTYI		15		392.8		10
GADIFORMES						
BREGMACEROTIDAE (CODLETS)						
BREGMACEROS ATLANTICUS	27	78	17.8	90.5	8	19
GADIIDAE (CODFISHES)						
UROPHYCIS CIRRATUS	19	15	891.4	865.5	9	9
UROPHYCIS FLORIDANUS	99	34	5770.0	3395.3	23	25
OPHIDIIDAE (CUSK-EELS AND BROTULAS)						
BROTULA BARBATA	6	53	65.1	1833.1	4	27
LEPOPHIDIUM GRAELLSI	169	171	3565.4	3110.1	33	56
NEOBYTHITES GILLI	22	9	120.7	35.2	8	7
NEOBYTHITES MARGINATUS		8		31.5		4
OPHIDION WELSHI	19	36	483.4	437.5	6	9
GASTEROSTEIFORMES						
SYNGNATHIDAE (PIPEFISHES AND SEAHORSES)						
HIPPOCAMPUS ERECTUS	4		6.1		4	
SYNGNATHUS LOUISIANAE	4	4	9.8	1.7	3	2
PERCIFORMES						
SERRANIDAE (SEABASSES)						
CENTROPRISTIS PHILADELPHICA	505	748	12341.0	23533.8	48	126
DIPLECTRUM BIVITTATUM	242	306	3434.0	5892.4	21	54
EPINEPHELUS FLAVOLIMBATUS		1		77.7		1
EPINEPHELUS NIGRITUS	1		19.3		1	
HEMATHIAS VIVANUS	2	4	18.7	94.4	2	4
PIKEA MEXICANA	12	9	192.1	125.7	8	7
SERRANICULUS PUMILIO	3	3	20.4	15.6	1	2
SERRANUS ATROBRANCHUS	2097	3486	28583.1	45363.4	54	155
GRAMMISTIDAE (SOAPFISHES)						
RYPTICUS SAPONACEUS	1		55.2		1	
PRIACANTHIDAE (BIGEYES)						
PRIACANTHUS ARENATUS	19	22	1352.6	2342.8	9	14
APOGONIDAE (CARDINALFISHES)						
APOGON LARVAL		1		2.6		1
APOGON AUROLINEATUS		35		47.5		8
APOGON MACULATUS		1		.9		1
SYNAGROPS SPINOSA		3		20.2		2
BRANCHIOSTEGIDAE (TILEFISHES)						
CAULOLATILUS INTERMEDIUS	55	48	2889.5	3231.2	20	33

	(1)	(2)	(3)	(4)	(5)	(6)
CARANGIDAE (JACKS AND POMPANOS)						
CARANX CRYSOS	2		98.0		1	
CARANX HIPPOS		1		61.9		1
CHLOROSCOMBRUS CHRYSURUS	117	1186	3337.4	20477.8	13	31
SELAR CRUMENOPHTHALMUS	1	2	82.7	128.2	1	2
SELENE VOMER	5	1	28.8	1.0	4	1
SERIOLA ZONATA	1		60.9		1	
TRACHURUS LATHAMI	1470	2762	24516.5	44855.8	36	92
URAPSIS SECUNDA	1		209.2		1	
VOMER SETAPINNIS	35	42	1794.4	1833.1	7	14
LUTJANIDAE (SNAPPERS)						
LUTJANUS CAMPECHANUS	81	181	1092.9	5944.7	18	54
PRISTIPOMOIDES AQUILONARIS	1179	921	48214.0	56389.5	47	127
LUTJANIS SYNAGRIS		4		55.0		1
RHOMBOPLITES AURORUBENS		1		42.5		1
GERREIDAE (MOJARRAS)						
EUCINOSTOMUS ARGENTEUS	13	7	223.8	63.5	6	2
EUCINOSTOMUS GULA	2	33	51.1	393.8	2	9
POMADASYIDAE (GRUNTS)						
CONODON NOBILIS		213		1563.3		3
HAEMULON MACROSTOMUM		3		131.3		3
ORTHOPRISTIS CHRYSOPTERA	23	8	649.3	272.3	1	4
SPARIDAE (PORGIES)						
CALAMUS PENNA		1		144.7		1
LAGODON RHOMBOIDES	52	42	2889.1	2383.7	15	24
STENOTOMUS CAPRINUS	556	1715	17690.7	34375.2	52	145
SCIAENIDAE (DRUMS)						
CYNOSCION ARENARIUS	121	943	7614.3	12883.0	25	39
CYNOSCION NOTHUS	1884	2832	23576.7	41460.3	20	43
EQUETUS ACUMINATUS	28	17	1138.4	988.5	9	12
LARIMUS FASCIATUS	58	576	591.5	6993.0	4	20
SCIAENIDAE						
LEIOSTOMUS XANTHURUS	148	45	8675.9	3978.8	9	13
MENTICIRRHUS AMERICANUS	30	39	4035.3	4205.6	7	19
MICROPOGON UNDULATUS	3342	3051	49963.3	44160.3	19	42
POGONIAS CHROMIS		2		11685.0		2
STELLIFER LANCEOLATUS	583	62	4528.3	759.5	10	4
UMBRINA COROIDES	1	1	226.2	154.0	1	1
MULLIDAE (GOATFISHES)						
MULLUS AURATUS	4	2	145.3	122.0	3	1
UPENEUS PARVUS	913	424	17159.2	9789.6	45	86

	(1)	(2)	(3)	(4)	(5)	(6)
EPHIPPIDAE (SPADEFISHES)						
CHAETODIPTERUS FABER	20	1	747.7	22.8	8	1
LABRIDAE (WRASSES)						
DECODON PUELLARIS	15	12	328.1	434.5	8	8
SPHYRAENIDAE (BARRACUDAS)						
SPHYRAENA GUACHANCHO	6	5	186.4	811.5	3	4
POLYNEMIDAE (THREADFIN)						
POLYDACTYLUS OCTONEMUS	126	1630	3822.6	31138.2	6	18
OPISTOGNATHIDAE (JAWFISHES)						
LONCHOPISTHUS LINDNERI		2		8.3		2
PERCOPHIDIDAE (FLATHEADS)						
BEMBROPS ANATIROSTRIS	6	9	243.3	224.0	3	6
URANOSCOPIDAE (STARGAZERS)						
GNATHAGNUS AGREGIUS		1		18.3		1
KATHETOSTOMA ALBIGUTTA	10	68	354.3	2671.8	8	30
CALLIONYMIDAE (DRAGONETS)						
CALLIONYMUS AGASSIZI	1		4.4		1	
GOBIIDAE (GOBIES)						
BOLLMANNIA COMMUNIS	123	262	441.2	804.7	20	50
GOBIONELLUS HASTATUS	1		5.6		1	
TRICHIURIDAE (CUTLASSFISHES)						
TRICHIURUS LEPTURUS	53	332	1874.9	9049.4	11	18
SCOMBRIDAE (MACKERALS AND TUNAS)						
SCOMBEROMORUS CABALLA	1	2	21.6	21.4	1	2
SCOMBER JAPONICUS	5	4	180.8	41.1	2	3
STROMATEIDAE (BUTTERFISHES)						
PEPRILUS ALEPIDOTUS	9	7	145.7	100.9	3	5
ARIOMMA BONDI		1		41.0		1
PEPRILUS BURTI	229	853	7481.9	23102.1	25	61
SCORPAENIDAE (SCORPIONFISHES)						
NEOMERINTHE HEMINGWAYI		1		1039.0		1
PONTINUS LONGISPINIS	220	114	9286.8	4628.5	8	28
SCORPAENA BRASILIENSIS		13		1207.3		6
SCORPAENA CALCARATA	8		35.8		5	
SCORPAENA DISPAR	5	1	1061.4	3.1	4	1
TRIGLIDAE (SEAROBINS)						
BELLATOR MILITARIS	4	5	49.1	39.6	2	2
PRIONOTUS LARVAL		11		1.3		3
PRIONOTUS OPHRYAS	3	11	15.1	75.9	2	4
PRIONOTUS PARALATUS	436	565	12734.1	14935.6	38	89
PRIONOTUS RUBIO	325	920	6655.1	16550.4	46	104
PRIONOTUS SALMONICOLOR	6	10	73.0	291.8	3	8
PRIONOTUS STEARNSI	434	811	3038.0	7011.6	32	86
PRIONOTUS TRIBULUS	24	9	156.5	212.4	3	3

	(1)	(2)	(3)	(4)	(5)	(6)
PLEURONECTIFORMES						
BOTHIDAE (LEFTEYE FLOUNDERS)						
ANCYLOPSETTA DILECTA	25	32	897.2	1147.8	14	25
ANCYLOPSETTA QUADROCELLATA	9	13	1869.1	933.6	8	12
CITHARICHTHYS SPILOPTERUS	40	39	491.3	492.9	10	20
CYCLOPSETTA CHITTENDENI	85	211	5555.1	19305.8	27	67
ENGYOPHRYS SENTA	102	184	499.2	722.3	20	33
ETROPUS CROSSOTUS	87	78	680.8	1003.5	11	27
MONOLENE SESSILICAUDA	4	9	24.7	21.1	2	4
PARALICHTHYS ALBIGUTTA	1	1	343.7	177.5	1	1
PARALICHTHYS LETHOSTIGMA	6	5	2151.6	2918.3	3	5
PARALICHTHYS SQUALIMENTUS		2		1570.4		2
SYACIUM GUNTERI	1627	1741	22914.6	25709.4	43	103
TRICHOPSETTA VENTRALIS	285	666	4434.0	11629.4	28	89
SOLEIDAE (SOLES)						
ACHIRUS LINEATUS		2		33.2		2
GYMNACHIRUS TEXAE	8	61	110.6	904.2	6	36
CYNOGLOSSIDAE (TONGUEFISHES)						
SYMPHURUS DIOMEDIANUS	18	7	332.3	140.2	10	4
SYMPHURUS PARVUS	6	15	15.2	27.6	2	6
SYMPHURUS PELICANUS	2		2.4		1	
SYMPHURUS PLAGIUSA	303	225	5014.7	3874.6	24	28
TETRAODONTIFORMES						
BALISTIDAE (TRIGGERFISHES AND FILEFISHES)						
BALISTES CAPRISCUS	14	6	438.3	138.0	2	2
MONACANTHUS HISPIDUS	4	5	59.4	24.1	4	4
OSTRACIDAE (BOXFISHES)						
LACTOPHRYS QUADRICORNIS	2	2	9.0	20.6	1	2
TETRAODONTIDAE (PUFFERS)						
LAGOCEPHALUS LAEVIGATUS	51	249	2152.3	3091.7	14	45
SPHOEROIDES DORSALIS	4	25	49.8	233.2	3	7
SPHOEROIDES PARVUS	422	1007	1469.7	2709.7	28	77
DIODONTIDAE (PORCUPINEFISHES)						
CHILOMYCTERUS SCHOEPFI	1	3	7.5	353.5	1	2

TABLE 3

OCCURRENCES OF SPECIES AMONG THE TEN MOST ABUNDANT SPECIES.
AN ASTERISK IN A CELL INDICATES THAT THE SPECIES
WAS AMONG THE TEN MOST ABUNDANT SPECIES
(AND OCCURRED WITH ABUNDANCE ≥ 10 INDIVIDUALS)
IN THE STATION GROUP AND SEASON REPRESENTED BY THAT CELL.

Anchoa hepsetus

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1	x	x	
Station group 2			
Station group 3			

Anchoa mitchilli

Day	Winter	Spring	Fall
Station group 1	x		
Station group 2			
Station group 3			
Night			
Station group 1			
Station group 2			
Station group 3			

TABLE 3 CONT.'D

Bollmannia communis

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2	x	x	
Station group 3			

Centropristis philadelphica

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1		x	x
Station group 2	x	x	x
Station group 3			

Chloroscombrus chrysurus

Day	Winter	Spring	Fall
Station group 1		x	x
Station group 2			x
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3			

TABLE 3 CONT.'D

Conodon nobilis

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1		x	
Station group 2			
Station group 3			

Cyclopsetta chittendeni

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2	x		
Station group 3			

Cynoscion arenarius

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1	x	x	
Station group 2			
Station group 3			

TABLE 3 CONT.'D

Cynoscion nothus

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2			
Station group 3			

Night	Winter	Spring	Fall
Station group 1	x		
Station group 2			
Station group 3			

Diplectrum bivittatum

Day	Winter	Spring	Fall
Station group 1			x
Station group 2	x		
Station group 3			

Night	Winter	Spring	Fall
Station group 1			x
Station group 2			
Station group 3			

Engyophrys senta

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			

Night	Winter	Spring	Fall
Station group 1			
Station group 2	x		
Station group 3			

TABLE 3 CONT.'D

Etropus crossotus

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1	x		
Station group 2			
Station group 3			

Eucinostomus gula

Day	Winter	Spring	Fall
Station group 1			x
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			x
Station group 2			
Station group 3			

Halieutichthys aculeatus

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3	x		
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			x
Station group 3	x	x	x

TABLE 3 CONT.'D

Lagocephalus laevigatus

Day	Winter	Spring	Fall
Station group 1			
Station group 2		x	
Station group 3			

Night	Winter	Spring	Fall
Station group 1			
Station group 2		x	
Station group 3			

Larimus fasciatus

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			

Night	Winter	Spring	Fall
Station group 1	x	x	
Station group 2			
Station group 3			

Lutjanus campechanus

Day	Winter	Spring	Fall
Station group 1			x
Station group 2			
Station group 3			

Night	Winter	Spring	Fall
Station group 1			x
Station group 2			
Station group 3			

TABLE 3 CONT.'D

Micropogon undulatus

Day	Winter	Spring	Fall
Station group 1	x	x	x
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1	x	x	x
Station group 2			
Station group 3			

Peprilus burti

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2		x	x
Station group 3		x	
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3			

Polydactylus octonemus

Day	Winter	Spring	Fall
Station group 1		x	
Station group 2			x
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1		x	x
Station group 2			x
Station group 3			

TABLE 3 CONT.'D

Pontinus longispinis

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3		x	x

Porichthys porosissimus

Day	Winter	Spring	Fall
Station group 1			x
Station group 2			x
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2	x		x
Station group 3	x		

Prionotus paralatus

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3	x	x	x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3	x	x	x

TABLE 3 CONT.'D

Prionotus rubio

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1		x	x
Station group 2	x		x
Station group 3	x		

Prionotus stearnsi

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x	x	x
Station group 3			x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2		x	x
Station group 3			

Pristipomoides aquilonaris

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x	x	
Station group 3	x	x	x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			x
Station group 3	x	x	x

TABLE 3 CONT.'D

Saurida brasiliensis

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x	x	x
Station group 3	x		x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3			

Serranus atrobranchus

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x	x	x
Station group 3	x	x	x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2	x	x	x
Station group 3	x	x	x

Sphoeroides parvus

Day	Winter	Spring	Fall
Station group 1	x		x
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1	x	x	x
Station group 2		x	x
Station group 3			

TABLE 3 CONT.'D

Stenotomus caprinus

Day	Winter	Spring	Fall
Station group 1			x
Station group 2	x	x	x
Station group 3	x		x

Night	Winter	Spring	Fall
Station group 1		x	
Station group 2	x	x	x
Station group 3	x	x	x

Syacium gunteri

Day	Winter	Spring	Fall
Station group 1	x		x
Station group 2	x		x
Station group 3			

Night	Winter	Spring	Fall
Station group 1	x		x
Station group 2	x	x	x
Station group 3			

Symphurus plagiusa

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			

Night	Winter	Spring	Fall
Station group 1	x		
Station group 2			
Station group 3			

TABLE 3 CONT.'D

Synodus foetens

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x	x	
Station group 3			

Night	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			

Synodus poeyi

Day	Winter	Spring	Fall
Station group 1			
Station group 2	x		
Station group 3			

Night	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3			

Trachurus lathami

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2		x	x
Station group 3			

Night	Winter	Spring	Fall
Station group 1			
Station group 2		x	
Station group 3			

TABLE 3 CONT.'D

Trichiurus lepturus

Day	Winter	Spring	Fall
Station group 1	x	x	
Station group 2			
Station group 3			
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3			

Trichopsetta ventralis

Day	Winter	Spring	Fall
Station group 1			
Station group 2			
Station group 3	x	x	x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2	x		
Station group 3	x	x	x

Upeneus parvus

Day	Winter	Spring	Fall
Station group 1		x	
Station group 2	x	x	x
Station group 3	x		x
Night	**Winter**	**Spring**	**Fall**
Station group 1			
Station group 2			
Station group 3			

TABLE 4

CATCH DATA FOR THE PREDOMINANT SPECIES ENCOUNTERED DURING 1976. ENTRIES ARE AVERAGE NUMBER OF INDIVIDUALS CAUGHT PER TRAWL

Centropristis philadelphica

Day	Winter	Spring	Fall	
Station Group 1	0	.1	1	1.1
Station Group 2	3.5	.5	1.7	5.7
Station Group 3	.1	0	.3	0.4
	3.6	0.6	3.0	7.2
Night				
Station Group 1	0.1	25.9	1.8	27.8
Station Group 2	6.4	9.4	4.4	20.2
Station Group 3	1.3	.6	.9	2.8
	7.8	35.9	7.1	50.8

Micropogon undulatus

Day	Winter	Spring	Fall	
Station Group 1	81.4	173.7	2.6	257.7
Station Group 2	0	.2	2.3	2.5
Station Group 3	0	0	0	0
	81.4	173.9	4.9	260.2
Night				
Station Group 1	18.7	86.2	11.6	116.5
Station Group 2	.8	0	1.4	2.2
Station Group 3	0	0	0	0
	19.5	86.2	13.0	118.7

Peprilus burti

Day	Winter	Spring	Fall	
Station Group 1	31.6	15.0	.1	46.7
Station Group 2	0	4.8	13.1	17.9
Station Group 3	0	1.5	0	1.5
	31.6	21.3	13.2	66.1
Night				
Station Group 1	2.1	.2	0	2.4
Station Group 2	0	.3	1.1	1.4
Station Group 3	0	.3	0	.3
	2.1	.8	1.1	4.1

TABLE 4 CONT.'D

Porichthys porosissimus

Day	Winter	Spring	Fall	
Station Group 1	0	0	0	0
Station Group 2	1.6	0	2.5	4.1
Station Group 3	.1	0	0	.1
	1.7	0	2.5	4.2
Night				
Station Group 1	0.4	0.4	0.7	1.5
Station Group 2	15.2	3.2	2.1	20.5
Station Group 3	1.9	0.4	0	2.3
	17.5	4.0	2.8	24.3

Prionotus paralatus

Day	Winter	Spring	Fall	
Station Group 1	0	0	0	0
Station Group 2	0.1	0	1.8	1.9
Station Group 3	4.9	1.3	2.1	8.3
	5.0	1.3	3.9	10.2
Night				
Station Group 1	0	0.1	0	0.1
Station Group 2	1.3	2.7	1.5	5.5
Station Group 3	6.6	6.3	12.3	25.2
	7.9	9.1	13.8	30.8

Prionotus rubio

Day	Winter	Spring	Fall	
Station Group 1	0.6	.4	.1	1.1
Station Group 2	3	.3	1.1	4.4
Station Group 3	.7	.3	0	1.0
	4.3	1.0	1.2	6.5
Night				
Station Group 1	3.8	72.6	2.4	78.8
Station Group 2	7.3	3.1	2.5	12.9
Station Group 3	3.1	0.1	.4	3.6
	14.2	75.8	5.3	95.3

TABLE 4 CONT.'D

Prionotus stearnsi

Day	Winter	Spring	Fall	
Station Group 1	0	0	0	0
Station Group 2	5.6	2.5	36.6	44.7
Station Group 3	0.4	0.1	1.4	1.9
	6.0	2.6	38.0	46.6
Night				
Station Group 1	0	0	0	0
Station Group 2	2.2	11.1	7.8	21.1
Station Group 3	0.6	0	0.4	1.0
	2.8	11.1	8.2	22.1

Pristipomoides aquilonaris

Day	Winter	Spring	Fall	
Station Group 1	0	0	0	0
Station Group 2	3.7	3.5	1.5	8.7
Station Group 3	3.3	7.7	4.8	15.8
	7.0	11.2	6.3	24.5
Night				
Station Group 1	0	.1	0	0.1
Station Group 2	3.7	1.8	2.9	8.4
Station Group 3	12.1	9.1	14.4	35.6
	15.8	11.0	17.3	44.1

Saurida brasiliensis

Day	Winter	Spring	Fall	
Station Group 1	4.7	.4	.4	5.5
Station Group 2	55.2	5.5	4.7	65.4
Station Group 3	1.6	0.3	1.8	3.7
	61.5	6.2	6.9	74.6
Night				
Station Group 1	.9	2.1	0.4	3.4
Station Group 2	1.2	4.1	0.6	5.9
Station Group 3	0	0	0	0
	2.1	6.2	1.0	9.3

TABLE 4 CONT.'D

Serranus atrobranchus

Day	Winter	Spring	Fall	
Station Group 1	0	.1	.1	0.2
Station Group 2	34.2	3.0	12.9	50.1
Station Group 3	5.7	3.1	9.6	18.4
	39.9	6.2	22.6	68.7
Night				
Station Group 1	0	.2	0	0.2
Station Group 2	59.0	33.4	32.4	124.8
Station Group 3	18.8	10.9	36.4	66.1
	77.8	44.5	68.8	191.1

Sphoeroides parvus

Day	Winter	Spring	Fall	
Station Group 1	8.1	1.6	1.7	11.4
Station Group 2	1.8	0.1	0.5	2.4
Station Group 3	0	0	0	0
	9.9	1.7	2.2	13.8
Night				
Station Group 1	8.4	36.2	28.8	73.4
Station Group 2	1.5	11.6	3.0	16.1
Station Group 3	0	0	0	0
	9.9	47.8	31.8	89.5

Stenotomus caprinus

Day	Winter	Spring	Fall	
Station Group 1	0.1	4.3	3	7.4
Station Group 2	4.3	1.8	2.5	8.6
Station Group 3	1.4	.8	3.4	5.5
	5.8	6.9	8.9	21.5
Night				
Station Group 1	.1	46.4	.8	47.3
Station Group 2	4.3	49.7	9.0	63.0
Station Group 3	4.6	4.6	3.9	13.1
	9.0	100.7	13.7	123.4

TABLE 4 CONT.'D

Syacium gunteri

Day	Winter	Spring	Fall	
Station Group 1	10.3	0.9	2.3	13.5
Station Group 2	9.8	0.7	3.4	13.9
Station Group 3	0	0	0	0
	20.1	1.6	5.7	27.4
Night				
Station Group 1	27.3	16.1	20	63.4
Station Group 2	29.5	16.9	7.3	53.7
Station Group 3	0	0	0	0
	56.8	33.0	27.3	117.1

Synodus foetens

Day	Winter	Spring	Fall	
Station Group 1	4.4	0.1	0	4.5
Station Group 2	6.3	4.2	2.4	12.9
Station Group 3	.8	0	0.1	.9
	11.5	4.3	2.5	18.3
Night				
Station Group 1	1.1	1.1	0.3	2.5
Station Group 2	2.2	1.7	1.2	5.1
Station Group 3	0.6	.4	0.1	1.1
	3.9	3.2	1.6	8.7

Trachurus lathami

Day	Winter	Spring	Fall	
Station Group 1	7.9	127.2	0.4	135.5
Station Group 2	1.4	99.0	11.1	111.5
Station Group 3	0.1	0.5	6.1	6.7
	9.4	226.7	17.6	253.7
Night				
Station Group 1	0.1	0.8	0	.9
Station Group 2	0	12.6	1.1	13.7
Station Group 3	0.4	1.0	0.9	2.3
	0.5	14.4	2.0	16.9

TABLE 4 CONT.'D

Trichopsetta ventralis

Day	Winter	Spring	Fall	
Station Group 1	0	0	0	0
Station Group 2	1.9	0.2	1	3.2
Station Group 3	4.3	1.4	3.5	9.2
	6.2	1.6	4.5	12.3
Night				
Station Group 1	0	0	0	0
Station Group 2	7.7	0.9	0.9	9.5
Station Group 3	9	5.4	10.8	25.2
	16.7	6.3	11.7	34.7

Upeneus parvus

Day	Winter	Spring	Fall	
Station Group 1	0.3	10.8	0.7	11.8
Station Group 2	4.5	4.9	3.9	13.3
Station Group 3	2.4	0.3	2.4	5.1
	7.2	16.0	7.0	30.2
Night				
Station Group 1	0	4.8	0.1	4.9
Station Group 2	0.6	2.2	0.9	3.7
Station Group 3	0.3	0.2	0.5	1.0
	0.9	7.2	1.5	9.6

TABLE 5

CATCHES OF MAJOR SPECIES
(EXPRESSED AS AVERAGE NUMBER OF INDIVIDUALS CAUGHT PER TRAWL)
OVER THE FOUR TRANSECTS FOR EACH SAMPLING PERIOD.
(MINOR DISCREPANCIES IN MARGINAL TOTALS DUE TO ROUNDING ERROR)

Centropristis philadelphica

Day	Winter	Spring	Fall	
Transect I	1.7	.5	.3	2.5
Transect II	3.5	.4	.8	4.7
Transect III	.8	0	1.3	2.2
Transect IV	0	.1	1.6	1.7
	6.0	1.0	4.1	11.1
Night				
Transect I	3.5	4.2	2.7	10.3
Transect II	6.8	18.9	1.0	26.7
Transect III	1.8	12.7	3.8	18.3
Transect IV	.2	11.4	3.9	15.5
	12.3	47.1	11.4	70.8

Micropogon undulatus

Day	Winter	Spring	Fall	
Transect I	95.0	199.0	.5	294.5
Transect II	0	0	.5	.5
Transect III	0	.2	2.7	2.8
Transect IV	0	3.3	2.7	6.0
	95.0	202.5	6.4	303.8
Night				
Transect I	22.8	128.2	.2	151.2
Transect II	.2	0	.7	.9
Transect III	.2	0	16.7	16.8
Transect IV	0	1.0	1.9	2.9
	23.2	129.2	19.4	171.8

TABLE 5 CONT.'D

Peprilus burti

Day	Winter	Spring	Fall	
Transect I	36.0	9.3	4.8	50.2
Transect II	0	7.3	4.0	11.3
Transect III	.8	8.3	10.7	19.8
Transect IV	0	1.4	2.1	3.6
	36.8	26.3	21.6	84.8
Night				
Transect I	2.3	.2	0	2.5
Transect II	.2	0	.8	1.0
Transect III	0	.2	.8	1.0
Transect IV	0	.7	0	.7
	2.5	1.0	1.6	5.2

Porichthys porosissimus

Day	Winter	Spring	Fall	
Transect I	1.8	0	0	1.8
Transect II	.7	0	0	.7
Transect III	0	0	3.3	3.3
Transect IV	.3	0	.7	.7
	2.8	0	4.0	6.5
Night				
Transect I	4.3	1.3	.2	5.8
Transect II	9.5	1.5	.8	11.8
Transect III	1.5	1.5	2.3	5.3
Transect IV	12.7	1.4	1.1	15.2
	28.0	5.8	4.4	38.2

TABLE 5 CONT.'D

Prionotus paralatus

Day	Winter	Spring	Fall	
Transect I	.3	0	.7	1.0
Transect II	1.0	.5	.2	1.7
Transect III	4.2	1.0	1.5	6.7
Transect IV	.3	0	3.0	3.3
	5.8	1.5	5.3	12.7
Night				
Transect I	4.3	4.2	2.2	10.7
Transect II	1.5	2.8	.2	4.5
Transect III	4.0	3.7	8.8	16.5
Transect IV	0	1.3	7.0	8.3
	9.8	11.9	18.2	39.9

Prionotus rubio

Day	Winter	Spring	Fall	
Transect I	3.3	.8	.2	4.3
Transect II	2.0	.5	0	2.5
Transect III	1.0	0	0	1.0
Transect IV	.2	0	1.6	1.7
	6.5	1.3	1.7	9.6
Night				
Transect I	8.0	79.5	1.2	88.7
Transect II	7.3	4.3	.8	12.4
Transect III	2.8	1.5	3.7	8.0
Transect IV	.5	3.7	1.1	5.4
	18.7	89.0	6.8	114.4

TABLE 5 CONT.'D

Prionotus stearnsi

Day	Winter	Spring	Fall	
Transect I	3.8	2.7	0	6.5
Transect II	5.3	2.3	.3	8.0
Transect III	.2	0	48.7	48.8
Transect IV	.5	.1	11.9	12.5
	9.8	5.1	60.9	75.8
Night				
Transect I	.8	13.0	1.0	14.8
Transect II	2.8	2.3	6.2	11.3
Transect III	.2	1.7	1.5	3.3
Transect IV	.5	.7	2.9	4.1
	4.3	17.6	11.6	33.5

Pristipomoides aquilonaris

Day	Winter	Spring	Fall	
Transect I	1.8	.8	1.5	4.2
Transect II	3.5	5.1	2.0	10.6
Transect III	3.2	.8	1.8	5.8
Transect IV	1.5	7.6	3.0	12.1
	10.0	14.4	8.3	32.7
Night				
Transect I	9.0	5.3	3.5	17.8
Transect II	5.8	3.8	2.0	11.6
Transect III	2.7	3.7	6.9	13.2
Transect IV	2.8	1.1	9.7	13.7
	20.3	13.9	22.0	56.3

TABLE 5 CONT.'D

Saurida brasiliensis

Day	Winter	Spring	Fall	
Transect I	22.5	3.5	0	26.0
Transect II	65.8	5.4	.5	71.7
Transect III	10.0	.3	3.2	13.5
Transect IV	1.0	.7	6.0	7.7
	99.3	9.9	9.7	118.9
Night				
Transect I	.2	0	0	.2
Transect II	2.2	2.1	.7	5.0
Transect III	.3	4.3	.2	4.8
Transect IV	.3	2.4	.4	3.2
	3.0	8.9	1.3	13.2

Serranus atrobranchus

Day	Winter	Spring	Fall	
Transect I	25.7	3.0	1.7	30.3
Transect II	25.8	2.6	2.7	31.1
Transect III	9.0	.8	13.7	23.5
Transect IV	3.2	2.6	14.1	19.9
	63.7	9.0	32.1	104.8
Night				
Transect I	20.7	11.0	7.3	39.0
Transect II	51.5	29.8	8.4	89.7
Transect III	32.8	8.0	43.5	84.3
Transect IV	15.3	10.1	41.6	67.0
	120.3	58.9	100.8	280.0

TABLE 5 CONT.'D

Sphoeroides parvus

Day	Winter	Spring	Fall	
Transect I	.7	1.7	0	2.4
Transect II	.4	0	0	.4
Transect III	.5	0	0	.5
Transect IV	11.0	.3	2.4	13.7
	12.6	2.0	2.4	17.0
Night				
Transect I	.2	12.2	2.8	15.2
Transect II	2.0	6.3	.7	9.0
Transect III	.5	26.2	8.2	34.9
Transect IV	9.7	23.1	31.7	64.5
	12.4	67.8	43.4	123.6

Stenotomus caprinus

Day	Winter	Spring	Fall	
Transect I	4.2	2.0	2.2	8.4
Transect II	2.8	.8	3.5	7.1
Transect III	1.2	4.2	5.0	10.4
Transect IV	.8	2.1	1.3	4.2
	9.0	9.1	12.0	30.1
Night				
Transect I	5.8	3.3	4.5	13.6
Transect II	4.3	51.9	5.4	61.6
Transect III	2.0	46.7	2.3	51.0
Transect IV	.5	33.8	7.3	41.6
	12.6	135.7	19.5	167.8

TABLE 5 CONT.'D

Syacium gunteri

Day	Winter	Spring	Fall	
Transect I	4.0	1.0	0	5.0
Transect II	14.7	.3	0	15.0
Transect III	1.5	.7	1.2	3.4
Transect IV	8.2	.3	6.1	14.6
	28.4	2.3	7.3	38.0
Night				
Transect I	5.0	14.1	.3	19.4
Transect II	23.8	19.4	.2	43.4
Transect III	18.3	4.7	23.3	46.3
Transect IV	33.8	6.6	17.6	58.0
	80.9	44.8	41.4	167.1

Synodus foetens

Day	Winter	Spring	Fall	
Transect I	2.8	1.5	.7	5.0
Transect II	9.3	4.0	.2	13.5
Transect III	1.8	1.5	.3	3.6
Transect IV	2.7	.3	2.6	5.5
	16.6	7.3	3.8	27.7
Night				
Transect I	1.0	.8	.5	2.3
Transect II	2.5	1.1	.6	4.2
Transect III	.7	1.2	1.0	2.9
Transect IV	1.5	1.3	.4	3.2
	5.7	4.4	2.5	12.6

TABLE 5 CONT.'D

Synodus poeyi

Day	Winter	Spring	Fall	
Transect I	8.3	0	0	8.3
Transect II	6.7	0	0	6.7
Transect III	.8	0	.3	1.1
Transect IV	.8	0	.9	1.7
	16.6	0	1.2	17.8
Night				
Transect I	.7	1.0	0	1.7
Transect II	.2	2.4	.4	3.0
Transect III	.7	.5	.7	1.9
Transect IV	.2	2.0	0	2.2
	1.8	5.9	1.1	8.8

Trachurus lathami

Day	Winter	Spring	Fall	
Transect I	.2	81.6	2.7	84.5
Transect II	1.5	34.9	2.8	39.2
Transect III	6.8	129.0	16.3	152.1
Transect IV	3.2	77.3	4.6	85.1
	11.7	322.8	26.4	360.9
Night				
Transect I	0	1.0	0	1.0
Transect II	.7	1.5	1.4	3.6
Transect III	0	0	1.0	1.0
Transect IV	0	17.5	0	17.5
	.7	20.0	2.4	23.1

TABLE 5 CONT.'D

Trichopsetta ventralis

Day	Winter	Spring	Fall	
Transect I	4.3	.5	.8	5.6
Transect II	1.2	.6	.3	2.1
Transect III	2.5	.3	4.5	7.3
Transect IV	.2	.4	.6	1.2
	8.2	1.8	6.2	16.2
Night				
Transect I	7.3	3.7	1.0	12.0
Transect II	5.8	1.0	.8	7.6
Transect III	7.7	2.8	12.0	22.5
Transect IV	2.5	.8	1.6	4.9
	23.3	8.3	15.4	47.0

Upeneus parvus

Day	Winter	Spring	Fall	
Transect I	1.8	.2	.5	2.5
Transect II	3.2	1.5	0	4.7
Transect III	3.0	1.3	1.5	5.8
Transect IV	2.7	16.6	7.3	26.6
	10.7	19.6	9.3	39.6
Night				
Transect I	.7	1.0	.3	2.0
Transect II	.7	.5	1.0	2.2
Transect III	0	6.8	0	6.8
Transect IV	0	2.3	.6	2.9
	1.4	10.6	1.9	13.9

TABLE 6

COMBINED 1976 DEMERSAL FISH DATA WITH
TOTAL NUMBER OF INDIVIDUALS, WEIGHT (in g) AND NUMBER OF OCCURRENCES
FOR EACH SPECIES. STATISTICAL CONFIDENCE LIMITS WITHIN
WHICH SOME SPECIES ARE EITHER PREDOMINANTLY TAKEN
DURING THE DAY (D) OR THE NIGHT (N) ARE ALSO GIVEN

Explanation of Table 2:

Column 1 - Species
Column 2 - Statistical Significance Within Confidence Limits of 80 to 95% for Predominantly Day (D) Catches and Night (N) Catches
Column 3 - Number of Individuals
Column 4 - Weight (in g)
Column 5 - Number of Occurrences

(1)	(2)	(3)	(4)	(5)
SERRANUS ATROBRANCHUS	N95	3486	45363.4	155
STENOTOMUS CAPRINUS	N95	1715	34375.2	145
SYNODUS FOETENS		425	48248.2	131
PRISTIPOMOIDES AQUILONARIS	N95	921	56389.5	127
CENTROPRISTIS PHILADELPHICA	N95	748	23533.8	126
PRIONOTUS RUBIO	N95	920	16550.4	104
SYACIUM GUNTERI	N95	1741	25709.4	103
SAURIDA BRASILIENSIS	D95	1067	4598.1	94
TRACHURUS LATHAMI	D95	2762	44855.8	92
PRIONOTUS PARALATUS	N95	565	14935.6	89
TRICHOPSETTA VENTRALIS	N95	666	11629.4	89
UPENEUS PARVUS	D95	424	9789.6	86
PRIONOTUS STEARNSI		811	7011.6	86
SPHOEROIDES PARVUS	N	1007	2709.7	77
PORICHTHYS POROSISSIMUS	N95	582	6425.2	71
CYCLOPSETTA CHITTENDENI	N95	211	19305.8	67
PEPRILUS BURTI	D95	853	23102.1	61
HALIEUTICHTHYS ACULEATUS	N95	257	1731.4	61
LEPOPHIDIUM GRAELLSI	N95	171	-3110.1	56
DIPLECTRUM BIVITTATUM		306	5892.4	54
LUTJANUS CAMPECHANUS	N	181	5944.7	54
BOLLMANNIA COMMUNIS	N95	262	804.7	50
LAGOCEPHALUS LAEVIGATUS	D95	249	3091.7	45
SYNODUS POEYI	N	220	1374.1	45
CYNOSCION NOTHUS		2832	41460.3	43
MICROPOGON UNDULATUS		3051	44160.3	42
CYNOSCION ARENARIUS	N	943	12883.0	39
OGCOCEPHALUS SPECIES		59	1652.7	37
GYMNACHIRUS TEXAE		61	904.2	36
ENGYOPHRYS SENTA	N95	184	722.3	33
CAULOLATILUS INTERMEDIUS		48	3231.2	33
ANTENNARIUS RADIOSUS	N95	54	645.9	31
CHLOROSCOMBRUS CHRYSURUS	D95	1186	20477.8	31
KATHETOSTOMA ALBIGUTTA	N	68	2671.8	30
PONTINUS LONGISPINIS	N95	114	4628.5	28
SYMPHURUS PLAGIUSA	N95	225	3874.6	28
ETROPUS CROSSOTUS	N95	78	1003.5	27
BROTULA BARBATA	N95	53	1833.1	27
ANCHOA HEPSETUS		1586	7158.1	27
HOPLUNNIS MACRURUS	N95	101	1273.8	27
UROPHYCIS FLORIDANUS	N95	34	3395.3	25
ANCYLOPSETTA DILECTA		32	1147.8	25
LAGODON RHOMBOIDES		42	2383.7	24
LARIMUS FASCIATUS	N	576	6993.0	20
CITHARICHTHYS SPILOPTERUS	N95	39	492.9	20
BREGMACEROS ATLANTICUS	N95	78	90.5	19
MENTICIRRHUS AMERICANUS	N	39	4205.6	19

(1)	(2)	(3)	(4)	(5)
TRICHIURUS LEPTURUS	D	332	9049.4	18
POLYDACTYLUS OCTONEMUS	N	1630	31138.2	18
VOMER SETAPINNIS	D95	42	1833.1	14
GYMNOTHORAX NIGROMARGINATUS	N95	23	1658.9	14
PRIACANTHUS ARENATUS	D95	22	2342.8	14
LEIOSTOMUS XANTHURUS		45	3978.8	13
EQUETUS ACUMINATUS	N95	17	988.5	12
CONGRINA FLAVA	N95	18	639.2	12
ANCYLOPSETTA QUADROCELLATA		13	933.6	12
OPHICHTHUS GOMESI	N95	12	956.6	11
ZALIEUTES MCGINTYI		15	392.8	10
ANCHOA MITCHILLI	D95	355	594.2	9
OPHIDION WELSHI	N95	36	437.5	9
EUCINOSTOMUS GULA	D	33	393.8	9
UROPHYCIS CIRRATUS	N	15	865.5	9
DECODON PUELLARIS		12	434.5	8
APOGON AUROLINEATUM	N95	35	47.5	8
PRIONOTUS SALMONICOLOR	N95	10	291.8	8
NEOBYTHITES GILLI	N95	9	35.2	7
PIKEA MEXICANA		9	125.7	7
SPHOEROIDES DORSALIS		25	233.2	7
BEMBROPS ANATIROSTRIS		9	224.0	6
SYMPHURUS PARVUS	N95	15	27.6	6
HARENGULA PENSACOLAE	D	35	1119.8	6
SCORPAENA BRASILIENSIS	N	13	1207.3	6
ARIUS FELIS		6	1054.0	5
PARALICHTHYS LETHOSTIGMA		5	2918.3	5
PEPRILUS ALEPIDOTUS		7	100.9	5
NEOBYTHITES MARGINATUS		8	31.5	4
ORTHOPRISTIS CHRYSOPTERA		8	272.3	4
PRIONOTUS OPHRYAS	N	11	75.9	4
MONOLENE SESSILICAUDA		9	21.1	4
HEMATHIAS VIVANUS	N95	4	94.4	4
MONACANTHUS HISPIDUS		5	24.1	4
SPHYRAENA GUACHANCHO	D	5	811.5	4
STELLIFER LANCEOLATUS		62	759.5	4
SYMPHURUS DIOMEDIANUS		7	140.2	4
PRIONOTUS LARVAL	N95	11	1.3	3
OPISTHONEMA OGLINUM		3	158.3	3
HAEMULON MACROSTOMUM		3	131.3	3
SCOMBER JAPONICUS	D	4	41.1	3
PRIONOTUS TRIBULUS		9	212.4	3
CONODON NOBILIS		213	1563.3	3
SCOMBEROMORUS CAVALLA		2	21.4	2
BELLATOR MILITARIS		5	39.6	2
SERRANICULUS PUMILIO	N	3	15.6	2
LONCHOPISTHUS LINDNERI		2	8.3	2

(1)	(2)	(3)	(4)	(5)
SELAR CRUMENOPHTHALMUS	D	2	128.2	2
ACHIRUS LINEATUS		2	33.2	2
EUCINOSTOMUS ARGENTEUS	D	7	63.5	2
POGONIAS CHROMIS	N	2	11685.0	2
LACTOPHRYS QUADRICORNIS		2	20.6	2
RAJA TEXANA		3	243.6	2
RAJA OLSENI		2	665.4	2
NARCINE BRASILIENSIS		2	963.8	2
CHILOMYCTERUS SCHOEPFI	N	3	353.5	2
BALISTES CAPRISCUS		6	138.0	2
PARALICHTHYS SQUALIMENTUS		2	1570.4	2
SYNGNATHUS LOUISIANAE		4	1.7	2
SYNAGROPS SPINOSA		3	20.2	2
PARALICHTHYS ALBIGUTTA		1	177.5	1
OPSANUS BETA		1	5.0	1
ANCHOA NASUTA		2	12.7	1
OGCOCEPHALUS NASUTUS		1	3.9	1
LUTJANIS SYNAGRIS		4	55.0	1
SCORPAENA DISPAR		1	3.1	1
HOPLUNNIS TENUIS		2	5.0	1
SELENE VOMER		1	1.0	1
SQUATINA DUMERILI		1	1690.0	1
APOGON LARVAL		1	2.6	1
EPINEPHELUS FLAVOLIMBATUS		1	77.7	1
NEOMERINTHE HEMINGWAYI		1	1039.0	1
CARANX HIPPOS		1	61.9	1
BREVOORTIA GUNTERI		6	330.2	1
SARDINELLA ANCHOVIA		2	78.1	1
GNATHAGNUS AGREGIUS		1	18.3	1
APOGON MACULATUS		1	.9	1
MUSTELUS CANIS		1	1149.0	1
ARIOMMA BONDI		1	41.0	1
CHAETODIPTERUS FABER		1	22.8	1
CALAMUS PENNA		1	144.7	1
UMBRINA COROIDES		1	154.0	1
MULLUS AURATUS		2	122.0	1
ANCHOA LYOLEPIS		1	5.3	1

TABLE 7

DAY-NIGHT COMPARISONS OF CATCH DATA
FOR ALL DEMERSAL FISH SPECIES

Explanation of Table 3:

Column 1 - Species
Column 2 - Degrees of Freedom Upon Which the Rank-Sum Statistics for Each Period are Based
Columns 3 and 6 - Averaged Percent Probability of Correctly Rejecting the Null Hypothesis of No Difference Between Day-Night Pairs Within the Designated Periods for Data Based on Number of Individuals/Trawl (Column 3) and Data Based on Biomass/Trawl (Column 6)

Columns 4 and 7 - Range Above and Below the Average Percent Probability, Resulting from Handling of Data Ties, for Numerical (Column 4) and Ponderal (Column 7) Data

Columns 5 and 8 - Day, Night, or No Difference (*ND*, Where Average Percent Probability of Significant Difference < 80.00 Percent) Trends, for Numerical (Column 5) and Ponderal (Column 8) Data.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ACHIRUS LINEATUS							
ALL DATA76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
WINTER 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
ANCHOA HEPSETUS							
ALL DATA76	39	71.34	20.81	*ND*	88.00	10.25	DAY
WINTER 76	9	80.81	8.18	NIGHT	68.45	10.55	*ND*
APRIL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	13	93.60	0.00	DAY	98.00	0.00	DAY
JULY 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	7	86.25	10.85	DAY	84.81	9.40	DAY
ANCHOA LYOLEPIS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ANCHOA MITCHILLI							
ALL DATA76	11	97.87	0.00	DAY	96.79	0.00	DAY
WINTER 76	5	95.98	0.00	DAY	95.98	0.00	DAY
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
ANCHOA NASUTA							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ANCYLOPSETTA DILECTA							
ALL DATA76	41	97.93	1.22	NIGHT	80.56	6.41	DAY
WINTER 76	7	80.95	14.16	DAY	88.83	5.38	DAY
APRIL 76	9	80.81	8.18	NIGHT	61.31	11.31	*ND*
SPRING 76	9	77.20	11.70	*ND*	69.00	3.50	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	7	84.05	14.16	DAY	60.65	5.24	*ND*
DECEMBER76	3	74.81	11.37	*ND*	86.18	0.00	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ANCYLOPSETTA QUADROC							
ALL DATA76	23	78.88	21.02	*ND*	86.90	12.58	NIGHT
WINTER 76	7	76.25	20.85	*ND*	77.81	11.92	*ND*
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	5	95.90	0.00	NIGHT	95.90	0.00	NIGHT
FALL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
DECEMBER76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
ANTENNARIUS RADIOSUS							
ALL DATA76	51	99.97	.03	NIGHT	99.98	.01	NIGHT
WINTER 76	23	99.79	.21	NIGHT	99.76	.18	NIGHT
APRIL 76	7	69.43	14.02	*ND*	69.43	14.02	*ND*
SPRING 76	9	99.60	0.00	NIGHT	99.60	0.00	NIGHT
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APOGON AUROLINEATUS							
ALL DATA76	13	99.97	0.00	NIGHT	99.97	0.00	NIGHT
WINTER 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
APRIL 76	9	99.61	0.00	NIGHT	99.61	0.00	NIGHT
APOGON LARVAL							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APOGON MACULATUS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ARIOMMA BONDI							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ARIUS FELIS							
ALL DATA76	5	72.99	22.99	*ND*	50.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	3	74.81	11.37	*ND*	63.44	0.00	*ND*
BALISTES CAPRISCUS							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BELLATOR MILITARIS							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
BENTHROPS ANATIROSTRI							
ALL DATA76	9	80.81	8.18	NIGHT	71.19	13.29	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
BOLLMANNIA COMMUNIS							
ALL DATA76	67	104.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	17	96.69	2.36	NIGHT	98.26	.78	NIGHT
APRIL 76	17	99.99	.01	NIGHT	99.99	0.00	NIGHT
SPRING 76	13	99.90	0.00	NIGHT	99.90	0.00	NIGHT
JULY 76	3	74.81	11.37	*ND*	63.44	0.00	*ND*
FALL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
DECEMBER76	7	93.42	3.68	NIGHT	94.22	0.00	NIGHT
BREGMACEROS ATLANTIC							
ALL DATA76	37	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	17	100.00	0.00	NIGHT	100.00	0.00	NIGHT
APRIL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	13	99.90	0.00	NIGHT	99.90	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
BREVOORTIA GUNTERI							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
BROTULA BARBATA							
ALL DATA76	49	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
APRIL 76	9	98.99	.62	NIGHT	99.61	0.00	NIGHT
SPRING 76	23	100.00	0.00	NIGHT	100.00	0.00	NIGHT
JULY 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
CALAMUS PENNA							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
CARANX HIPPOS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
CAULOLATILUS INTERME							
ALL DATA76	53	93.78	6.21	NIGHT	81.32	17.25	NIGHT
WINTER 76	11	76.12	23.06	*ND*	85.70	5.31	NIGHT
APRIL 76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
SPRING 76	11	80.90	15.80	DAY	68.70	15.70	*ND*
AUGUST 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	15	88.37	7.47	DAY	70.48	10.41	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
CENTROPRISTIS PHILAD							
ALL DATA76	161	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	25	92.96	5.09	NIGHT	97.75	.96	NIGHT
APRIL 76	19	94.78	3.05	NIGHT	68.43	2.64	*ND*
SPRING 76	37	100.00	0.00	NIGHT	100.00	0.00	NIGHT
AUGUST 76	15	93.19	4.89	NIGHT	94.76	0.00	NIGHT
FALL 76	39	99.72	.28	NIGHT	99.59	.15	NIGHT
DECEMBER76	21	88.81	5.38	NIGHT	89.18	4.17	NIGHT
CHAETODIPTERUS FABER							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
CHILOMYCTERUS SCHOEP							
ALL DATA76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
CHLOROSCOMBRUS CHRYS							
ALL DATA76	47	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	5	95.98	0.00	DAY	95.98	0.00	DAY
APRIL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	9	97.10	0.00	DAY	97.10	0.00	DAY
AUGUST 76	5	72.59	6.88	*ND*	72.59	6.88	*ND*
FALL 76	19	99.95	.03	DAY	100.00	0.00	DAY
NOVEMBER76	3	86.18	0.00	DAY	86.18	0.00	DAY

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
CITHARICHTHYS SPILOP							
ALL DATA76	31	97.03	2.97	NIGHT	98.57	1.38	NIGHT
WINTER 76	9	69.50	19.50	*ND*	68.45	10.55	*ND*
APRIL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	7	98.70	0.00	NIGHT	98.70	0.00	NIGHT
AUGUST 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	3	74.81	11.37	*ND*	63.44	0.00	*ND*
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
CONGRINA FLAVA							
ALL DATA76	23	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
MARCH 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	7	98.70	0.00	NIGHT	98.70	0.00	NIGHT
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
CUNODON NOBILIS							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
CYCLOPSETTA CHITTEND							
ALL DATA76	83	98.11	1.89	NIGHT	97.99	1.28	NIGHT
WINTER 76	21	96.17	3.73	NIGHT	96.17	.57	NIGHT
APRIL 76	17	79.31	12.63	*ND*	81.61	8.89	NIGHT
SPRING 76	13	93.40	6.30	NIGHT	80.80	0.00	NIGHT
AUGUST 76	7	77.81	11.92	*ND*	70.65	4.76	*ND*
FALL 76	13	72.26	17.34	*ND*	62.12	2.36	*ND*
DECEMBER76	7	70.65	4.76	*ND*	70.65	4.76	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
YNOSCION ARENARIUS							
ALL DATA76	49	87.00	11.40	NIGHT	82.63	10.82	NIGHT
WINTER 76	11	59.44	5.97	*ND*	73.16	2.58	*ND*
APRIL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	15	77.40	6.10	*ND*	77.40	6.10	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	9	57.76	7.76	*ND*	57.76	7.76	*ND*
DECEMBER76	7	97.93	.83	NIGHT	97.10	0.00	NIGHT
YNOSCION NOTHUS							
ALL DATA76	53	90.94	6.45	NIGHT	81.66	7.92	NIGHT
WINTER 76	13	80.87	0.00	NIGHT	80.87	0.00	NIGHT
APRIL 76	9	72.26	6.73	*ND*	65.26	7.36	*ND*
SPRING 76	9	65.50	0.00	*ND*	65.50	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	9	69.50	19.50	*ND*	77.26	11.73	*ND*
DECEMBER76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
CODON PUELLARIS							
ALL DATA76	11	72.44	18.97	*ND*	59.04	5.97	*ND*
WINTER 76	3	63.44	0.00	*ND*	86.18	0.00	NIGHT
MARCH 76	3	86.18	0.00	DAY	86.18	0.00	DAY
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
PLECTRUM BIVITTATU							
ALL DATA76	63	85.18	6.53	DAY	61.44	10.07	*ND*
WINTER 76	11	93.90	2.89	DAY	95.33	0.00	DAY
APRIL 76	11	61.83	8.76	*ND*	56.10	3.04	*ND*
SPRING 76	5	65.70	0.00	*ND*	65.70	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	19	90.72	8.34	NIGHT	91.73	0.00	NIGHT
DECEMBER76	11	64.40	11.33	*ND*	64.86	5.72	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ENGYOPHRYS SENTA							
ALL DATA76	51	99.68	.32	NIGHT	99.93	.07	NIGHT
WINTER 76	19	86.89	10.94	NIGHT	90.82	6.55	NIGHT
APRIL 76	7	94.22	0.00	NIGHT	97.10	0.00	NIGHT
SPRING 76	7	98.70	0.00	NIGHT	98.70	0.00	NIGHT
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	7	93.42	3.68	NIGHT	97.10	0.00	NIGHT
DECEMBER76	5	64.73	14.73	*ND*	64.73	14.73	*ND*
EPINEPHELUS FLAVOLIM							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
EQUETUS ACUMINATUS							
ALL DATA76	23	99.95	.05	NIGHT	99.97	.03	NIGHT
WINTER 76	5	69.87	19.87	*ND*	64.73	14.73	*ND*
APRIL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	3	86.10	0.00	NIGHT	86.10	0.00	NIGHT
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ETROPUS CROSSOTUS							
ALL DATA76	47	99.46	.54	NIGHT	99.70	.30	NIGHT
WINTER 76	15	99.82	.07	NIGHT	99.90	0.00	NIGHT
MARCH 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	13	97.40	2.30	NIGHT	97.90	1.60	NIGHT
JULY 76	3	86.18	0.00	DAY	86.18	0.00	DAY
FALL 76	5	72.59	6.88	*ND*	57.85	7.85	*ND*
DECEMBER76	3	63.44	0.00	*ND*	63.44	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
EUCINOSTOMUS ARGENTE							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
EUCINOSTOMUS GULA							
ALL DATA76	9	77.26	11.73	*ND*	83.99	5.00	DAY
FALL 76	9	77.26	11.73	*ND*	83.99	5.00	DAY
GNATHAGNUS AGREGIUS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
GYMNACHIRUS TEXAE							
ALL DATA76	67	84.89	15.11	NIGHT	94.63	5.36	NIGHT
WINTER 76	17	84.09	14.32	NIGHT	84.01	11.29	NIGHT
APRIL 76	11	74.20	21.13	*ND*	80.17	15.16	NIGHT
SPRING 76	9	76.50	18.60	*ND*	69.50	19.50	*ND*
JULY 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	19	82.72	16.93	NIGHT	87.50	11.55	NIGHT
DECEMBER76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
GYMNOTHORAX NIGROMAR							
ALL DATA76	27	100.00	.01	NIGHT	99.99	.01	NIGHT
WINTER 76	9	99.61	0.00	NIGHT	99.61	0.00	NIGHT
APRIL 76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
SPRING 76	9	91.80	7.30	NIGHT	82.50	9.90	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
HAEMULON MACROSTOMUM							
ALL DATA76	5	69.87	19.87	*ND*	57.85	7.85	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
HALIEUTICHTHYS ACULE							
ALL DATA76	95	99.63	.37	NIGHT	99.90	.10	NIGHT
WINTER 76	23	90.19	9.07	NIGHT	92.06	5.34	NIGHT
APRIL 76	17	89.72	9.03	DAY	63.08	9.65	*ND*
SPRING 76	15	99.70	0.00	NIGHT	99.70	0.00	NIGHT
AUGUST 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
FALL 76	17	99.16	.11	NIGHT	99.27	0.00	NIGHT
DECEMBER76	13	74.31	9.83	*ND*	61.96	7.04	*ND*
HARENGULA PENSACOLAE							
ALL DATA76	9	89.84	5.37	DAY	85.77	6.78	DAY
SPRING 76	5	89.70	0.00	DAY	79.40	0.00	*ND*
FALL 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
HEMANTHIAS VIVANUS							
ALL DATA76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
HOPLUNNIS MACRURUS							
ALL DATA76	47	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	15	100.00	0.00	NIGHT	100.00	0.00	NIGHT
APRIL 76	13	99.92	.05	NIGHT	99.87	0.00	NIGHT
SPRING 76	13	99.90	0.00	NIGHT	99.90	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
HOPLUNNIS TENUIS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
KATHETOSTOMA ALBIGUT							
ALL DATA76	45	80.96	18.99	NIGHT	92.88	6.62	NIGHT
WINTER 76	7	60.65	5.24	*ND*	60.65	5.24	*ND*
APRIL 76	7	72.57	17.16	*ND*	89.73	0.00	NIGHT
SPRING 76	11	99.50	.30	NIGHT	98.60	0.00	NIGHT
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	9	88.99	0.00	NIGHT	61.31	11.31	*ND*
DECEMBER76	5	64.73	14.73	*ND*	77.72	12.01	*ND*
LACTOPHRYS QUADRICOR							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LAGOCEPHALUS LAEVIGA							
ALL DATA76	61	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	3	86.18	0.00	DAY	86.18	0.00	DAY
APRIL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	29	99.40	.10	DAY	99.90	0.00	DAY
AUGUST 76	9	80.81	8.18	DAY	88.51	4.04	DAY
FALL 76	13	99.97	0.00	DAY	99.93	0.00	DAY
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
LAGODON RHOMBOIDES							
ALL DATA76	39	91.69	4.93	NIGHT	74.54	21.87	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
SPRING 76	7	74.60	4.70	*ND*	55.40	0.00	*ND*
AUGUST 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	9	75.23	17.32	*ND*	69.50	19.50	*ND*
DECEMBER76	9	67.24	17.24	*ND*	61.71	3.81	*ND*
LARIMUS FASCIATUS							
ALL DATA76	27	93.61	3.28	NIGHT	97.49	.95	NIGHT
WINTER 76	9	57.76	7.76	*ND*	61.71	3.81	*ND*
MARCH 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	5	79.40	0.00	*ND*	79.40	0.00	*ND*
FALL 76	7	83.45	0.00	NIGHT	83.45	0.00	NIGHT
LEIOSTOMUS XANTHURUS							
ALL DATA76	19	73.92	13.72	*ND*	85.35	9.40	NIGHT
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	5	77.70	12.00	*ND*	50.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
DECEMBER76	9	87.10	8.11	NIGHT	89.84	5.37	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LEPOPHIDIUM GRAELLSI							
ALL DATA76	101	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	29	100.00	0.00	NIGHT	100.00	0.00	NIGHT
APRIL 76	17	99.96	0.00	NIGHT	99.99	0.00	NIGHT
SPRING 76	27	100.00	0.00	NIGHT	100.00	0.00	NIGHT
AUGUST 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
FALL 76	15	100.00	0.00	NIGHT	100.00	0.00	NIGHT
NOVEMBER76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
LONCHOPISTHUS LINDNE							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
LUTJANUS CAMPECHANUS							
ALL DATA76	69	99.18	.82	NIGHT	99.12	.62	NIGHT
WINTER 76	9	72.26	6.73	*ND*	72.63	0.00	*ND*
APRIL 76	5	57.85	7.85	*ND*	50.00	0.00	*ND*
SPRING 76	11	86.20	10.50	NIGHT	72.70	7.60	*ND*
AUGUST 76	5	65.71	0.00	*ND*	65.71	0.00	*ND*
FALL 76	23	98.53	1.13	NIGHT	98.06	0.00	NIGHT
DECEMBER76	11	93.79	5.74	NIGHT	97.25	1.93	NIGHT
LUTJANUS SYNAGRIS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MENTICIRRHUS AMERICA							
ALL DATA76	27	94.21	5.57	NIGHT	97.58	1.04	NIGHT
WINTER 76	13	78.13	13.65	*ND*	83.41	6.18	NIGHT
APRIL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	5	69.80	19.80	*ND*	50.00	0.00	*ND*
FALL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
MICROPOGON UNDULATUS							
ALL DATA76	49	71.91	19.61	*ND*	60.04	7.74	*ND*
WINTER 76	9	65.53	0.00	*ND*	65.53	0.00	*ND*
APRIL 76	7	82.57	7.16	NIGHT	65.89	0.00	*ND*
SPRING 76	9	65.50	0.00	*ND*	65.50	0.00	*ND*
FALL 76	15	61.68	9.65	*ND*	56.05	4.02	*ND*
DECEMBER76	5	57.85	7.85	*ND*	50.00	0.00	*ND*
MONACANTHUS HISPIDUS							
ALL DATA76	5	65.71	0.00	*ND*	89.73	0.00	NIGHT
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MONOLENE SESSILICAUD							
ALL DATA76	5	72.59	6.88	*ND*	72.59	6.88	*ND*
APRIL 76	3	100.14	0.00	DAY	63.44	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MULLUS AURATUS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
NOSTELUS CANIS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NARCINE BRASILIENSIS							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NEOBYTHITES GILLI							
ALL DATA76	11	98.88	1.01	NIGHT	99.88	0.00	NIGHT
WINTER 76	3	74.81	11.37	*ND*	86.18	0.00	NIGHT
MARCH 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
NEOBYTHITES MARGINAT							
ALL DATA76	5	77.72	12.01	*ND*	77.72	12.01	*ND*
APRIL 76	5	77.72	12.01	*ND*	77.72	12.01	*ND*
NEOMERINTHE HEMINGWA							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OGCOCEPHALUS NASUTUS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
OGCOCEPHALUS SPECIES							
ALL DATA76	63	75.13	24.87	*ND*	74.60	24.33	*ND*
WINTER 76	19	87.60	11.65	NIGHT	62.52	11.04	*ND*
APRIL 76	5	79.47	0.00	*ND*	57.85	7.85	*ND*
SPRING 76	11	84.60	14.00	NIGHT	83.60	13.10	NIGHT
AUGUST 76	5	69.87	19.87	*ND*	77.72	12.01	*ND*
FALL 76	13	73.66	23.66	*ND*	70.99	16.07	*ND*
DECEMBER76	5	64.73	14.73	*ND*	77.72	12.01	*ND*
OPHICHTHUS GOMESI							
ALL DATA76	21	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	9	99.60	0.00	NIGHT	99.60	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
OPHIDION WELSHI							
ALL DATA76	15	96.62	3.13	NIGHT	98.56	1.07	NIGHT
WINTER 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	9	97.70	.60	NIGHT	97.10	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
OPISTHONEMA OGLINUM							
ALL DATA76	5	57.85	7.85	*ND*	57.85	7.85	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
AUGUST 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LEPOMIS MEGALOTIS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
LEPOMIS MICROLOPHUS							
ALL DATA76	5	65.71	0.00	*ND*	65.71	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
LEPOMIS SPECIOSUS							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MICROPTERUS SALMOIDES							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ORSANUS BETA							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
ORTHOPRISTIS CHRYSOP							
ALL DATA76	5	65.71	0.00	*ND*	65.71	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PARALICHTHYS ALBIGUT							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PARALICHTHYS LETHOST							
ALL DATA76	7	65.89	0.00	*ND*	55.41	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PARALICHTHYS SQUALIM							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PEPRILUS ALEPIDOTUS							
ALL DATA76	7	65.41	12.00	*ND*	65.41	10.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	86.10	0.00	DAY
PEPRILUS BURTI							
ALL DATA76	79	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	9	85.77	6.78	DAY	83.99	5.00	DAY
APRIL 76	7	70.65	4.76	*ND*	55.41	0.00	*ND*
SPRING 76	27	99.90	0.00	DAY	99.90	0.00	DAY
AUGUST 76	15	96.03	2.54	DAY	98.36	.88	DAY
FALL 76	15	97.00	2.24	DAY	96.43	1.66	DAY
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PIKEA MEXICANA							
ALL DATA76	11	74.20	21.13	*ND*	69.77	10.63	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
POGONIAS CHROMIS							
ALL DATA76	3	86.18	0.00	DAY	86.18	0.00	DAY
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
POLYDACTYLUS OCTONEM							
ALL DATA76	25	81.75	8.97	NIGHT	81.75	8.97	NIGHT
SPRING 76	9	57.90	0.00	*ND*	57.90	0.00	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	11	79.31	8.73	*ND*	79.31	8.73	*ND*
NOVEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PONTINUS LONGISPINIS							
ALL DATA76	41	99.47	.52	NIGHT	99.91	.08	NIGHT
WINTER 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
APRIL 76	9	79.04	13.51	*ND*	78.55	5.92	*ND*
SPRING 76	5	79.40	0.00	*ND*	89.70	0.00	NIGHT
AUGUST 76	5	69.87	19.87	*ND*	77.72	12.01	*ND*
FALL 76	11	96.60	1.27	NIGHT	97.87	0.00	NIGHT
DECEMBER76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
PORICHTHYS POROSISSI							
ALL DATA76	105	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	29	99.96	.04	NIGHT	99.98	.02	NIGHT
APRIL 76	15	99.28	.34	NIGHT	99.24	0.00	NIGHT
SPRING 76	23	100.00	0.00	NIGHT	100.00	0.00	NIGHT
AUGUST 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
FALL 76	17	95.60	1.27	NIGHT	97.47	0.00	NIGHT
DECEMBER76	11	98.88	1.01	NIGHT	96.79	0.00	NIGHT
PRIACANTHUS ARENATUS							
ALL DATA76	25	90.25	9.73	DAY	98.17	1.79	DAY
WINTER 76	5	95.98	0.00	DAY	95.98	0.00	DAY
SPRING 76	9	69.00	3.50	*ND*	69.00	3.50	*ND*
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	5	95.98	0.00	DAY	95.98	0.00	DAY
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PRIONOTUS LARVAL							
ALL DATA76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PRIONOTUS OPHRYAS							
ALL DATA76	7	84.81	9.40	NIGHT	84.81	9.40	NIGHT
FALL 76	5	77.72	12.01	*ND*	77.72	12.01	*ND*
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PRIONOTUS PARALATUS							
ALL DATA76	115	99.86	.14	NIGHT	99.79	.19	NIGHT
WINTER 76	17	76.19	12.71	*ND*	74.84	8.17	*ND*
APRIL 76	15	63.90	3.83	*ND*	60.07	0.00	*ND*
SPRING 76	29	100.00	0.00	NIGHT	99.90	0.00	NIGHT
AUGUST 76	13	99.82	.05	NIGHT	99.09	0.00	NIGHT
FALL 76	21	97.70	1.50	NIGHT	97.21	0.00	NIGHT
DECEMBER76	15	61.68	9.65	*ND*	69.35	5.39	*ND*
PRIONOTUS RUBIO							
ALL DATA76	145	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	39	98.66	1.28	NIGHT	97.09	1.39	NIGHT
APRIL 76	17	86.76	3.75	NIGHT	87.11	0.00	NIGHT
SPRING 76	29	99.90	0.00	NIGHT	99.80	.10	NIGHT
AUGUST 76	17	99.89	.11	NIGHT	99.85	.14	NIGHT
FALL 76	25	98.96	.90	NIGHT	98.93	.63	NIGHT
DECEMBER76	13	97.88	1.53	NIGHT	99.77	0.00	NIGHT
PRIONOTUS SALMONICOL							
ALL DATA76	15	98.73	1.25	NIGHT	98.96	.87	NIGHT
WINTER 76	9	89.07	10.08	NIGHT	90.79	6.31	NIGHT
MARCH 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
AUGUST 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PRIONOTUS STEARNSI							
ALL DATA76	117	91.52	6.65	DAY	81.60	9.36	DAY
WINTER 76	23	70.66	17.27	*ND*	62.92	9.53	*ND*
APRIL 76	19	95.70	2.85	DAY	97.39	1.16	DAY
SPRING 76	17	87.50	9.30	NIGHT	89.90	6.90	NIGHT
AUGUST 76	15	82.41	11.08	NIGHT	89.78	3.70	NIGHT
FALL 76	23	68.93	17.80	*ND*	73.39	13.33	*ND*
DECEMBER76	15	99.57	.33	DAY	99.63	0.00	DAY
PRIONOTUS TRIBULUS							
ALL DATA76	5	69.87	19.87	*ND*	77.72	12.01	*ND*
WINTER 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
PRISTIPOMOIDES AQUIL							
ALL DATA76	147	99.32	.67	NIGHT	99.40	.31	NIGHT
WINTER 76	31	91.22	6.44	NIGHT	92.27	.83	NIGHT
APRIL 76	19	83.84	7.89	NIGHT	84.26	0.00	NIGHT
SPRING 76	35	68.30	17.70	*ND*	73.80	7.50	*ND*
AUGUST 76	17	99.82	.11	NIGHT	96.86	0.00	NIGHT
FALL 76	29	94.13	2.80	NIGHT	89.92	0.00	NIGHT
DECEMBER76	11	66.73	13.66	*ND*	53.07	0.00	*ND*
AJA OLSENI							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
MARCH 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
AJA TEXANA							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SARDINELLA ANCHOVIA							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SAURIDA BRASILIENSIS							
ALL DATA76	127	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	29	99.99	.01	DAY	99.99	0.00	DAY
APRIL 76	19	99.85	.12	DAY	99.85	.12	DAY
SPRING 76	25	67.20	17.20	*ND*	70.20	10.20	*ND*
AUGUST 76	11	67.44	8.30	*ND*	84.22	3.83	NIGHT
FALL 76	23	99.82	.17	DAY	99.83	.02	DAY
DECEMBER76	15	100.00	0.00	DAY	99.97	0.00	DAY
SCOMBER JAPONICUS							
ALL DATA76	5	95.98	0.00	DAY	95.98	0.00	DAY
WINTER 76	3	86.18	0.00	DAY	86.18	0.00	DAY
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SCOMBEROMORUS CAVALL							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
SCORPAENA BRASILIENS							
ALL DATA76	9	82.59	9.96	NIGHT	90.79	6.31	NIGHT
WINTER 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
APRIL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SCORPAENA DISPAR							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SELAR CRUMENOPHTHALM							
ALL DATA76	3	86.18	0.00	DAY	86.18	0.00	DAY
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SELENE VOMER							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SERRANICULUS PUMILIO							
ALL DATA76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SERRANUS ATROBRANCHU							
ALL DATA76	165	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	33	96.02	.60	NIGHT	97.56	0.00	NIGHT
APRIL 76	19	99.73	0.00	NIGHT	99.25	0.00	NIGHT
SPRING 76	37	100.00	0.00	NIGHT	99.90	0.00	NIGHT
AUGUST 76	19	99.57	.16	NIGHT	99.80	0.00	NIGHT
FALL 76	37	99.57	.17	NIGHT	97.76	.24	NIGHT
DECEMBER76	15	84.60	3.70	NIGHT	71.33	0.00	*ND*
SPHOEROIDES DORSALIS							
ALL DATA76	9	67.24	17.24	*ND*	72.26	6.73	*ND*
WINTER 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
FALL 76	5	57.85	7.85	*ND*	50.00	0.00	*ND*
SPHOEROIDES PARVUS							
ALL DATA76	97	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	21	72.00	19.44	*ND*	78.74	4.69	*ND*
APRIL 76	9	73.45	15.55	*ND*	53.95	3.95	*ND*
SPRING 76	19	99.90	0.00	NIGHT	100.00	0.00	NIGHT
AUGUST 76	9	95.85	3.30	NIGHT	98.36	0.00	NIGHT
FALL 76	25	99.99	0.00	NIGHT	99.99	0.00	NIGHT
DECEMBER76	9	95.46	2.91	NIGHT	98.36	0.00	NIGHT
SPHYRAENA GUACHANCHO							
ALL DATA76	3	86.18	0.00	DAY	86.18	0.00	DAY
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
JULY 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SQUATINA DUMERILI							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
STELLIFER LANCEOLATU							
ALL DATA76	5	50.00	0.00	*ND*	57.85	7.85	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*
STENOTOMUS CAPRINUS							
ALL DATA76	163	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	27	80.47	9.04	NIGHT	84.29	4.35	NIGHT
APRIL 76	17	88.67	5.66	NIGHT	93.77	.56	NIGHT
SPRING 76	37	99.10	.80	NIGHT	98.50	.30	NIGHT
AUGUST 76	23	100.00	0.00	NIGHT	99.85	0.00	NIGHT
FALL 76	39	99.09	.73	NIGHT	96.73	.10	NIGHT
DECEMBER76	15	92.47	3.77	NIGHT	83.61	0.00	NIGHT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SYACIUM GUNTERI							
ALL DATA76	111	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	27	92.96	1.86	NIGHT	93.41	.90	NIGHT
APRIL 76	11	91.01	0.00	NIGHT	84.51	0.00	NIGHT
SPRING 76	25	100.00	0.00	NIGHT	99.90	0.00	NIGHT
AUGUST 76	11	70.38	5.36	*ND*	64.86	5.72	*ND*
FALL 76	21	99.47	0.00	NIGHT	98.58	0.00	NIGHT
DECEMBER76	11	82.45	2.06	NIGHT	80.40	0.00	NIGHT
SYMPHURUS DIOMEDIANU							
ALL DATA76	7	98.75	0.00	NIGHT	98.75	0.00	NIGHT
WINTER 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SYMPHURUS PARVUS							
ALL DATA76	11	99.88	0.00	NIGHT	99.88	0.00	NIGHT
WINTER 76	5	95.98	0.00	NIGHT	95.98	0.00	NIGHT
SPRING 76	5	95.90	0.00	NIGHT	95.90	0.00	NIGHT
SYMPHURUS PLAGIUSA							
ALL DATA76	45	100.00	0.00	NIGHT	100.00	0.00	NIGHT
WINTER 76	21	99.02	.71	NIGHT	98.73	.74	NIGHT
APRIL 76	7	89.73	0.00	NIGHT	89.73	0.00	NIGHT
SPRING 76	13	99.90	0.00	NIGHT	99.90	0.00	NIGHT
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SYNAGROPS SPINOSA							
ALL DATA76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	3	86.10	0.00	NIGHT	86.10	0.00	NIGHT
SYNGNATHUS LOUISIANA							
ALL DATA76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
WINTER 76	3	63.44	0.00	*ND*	63.44	0.00	*ND*
SYNODUS FOETENS							
ALL DATA76	159	79.21	20.79	*ND*	93.55	5.78	DAY
WINTER 76	39	89.78	9.70	DAY	94.07	2.76	DAY
APRIL 76	23	99.14	.57	DAY	90.54	1.47	DAY
SPRING 76	33	82.50	9.50	NIGHT	67.60	.60	*ND*
AUGUST 76	13	80.69	3.46	NIGHT	57.34	2.42	*ND*
FALL 76	27	78.32	8.45	*ND*	56.23	5.33	*ND*
DECEMBER76	19	97.24	2.49	DAY	96.68	1.14	DAY
SYNODUS POEYI							
ALL DATA76	73	85.64	14.08	NIGHT	83.78	12.22	NIGHT
WINTER 76	21	96.09	3.64	DAY	98.39	1.18	DAY
APRIL 76	13	78.06	18.29	*ND*	87.96	3.81	NIGHT
SPRING 76	15	100.00	0.00	NIGHT	100.00	0.00	NIGHT
JULY 76	3	86.18	0.00	DAY	86.18	0.00	DAY
FALL 76	11	73.16	2.58	*ND*	70.56	17.49	*ND*
DECEMBER76	5	69.87	19.87	*ND*	64.73	14.73	*ND*
TRACHURUS LATHAMI							
ALL DATA76	135	99.93	.07	DAY	99.95	.05	DAY
WINTER 76	17	98.96	.97	DAY	99.31	.55	DAY
APRIL 76	11	67.44	8.30	*ND*	53.07	0.00	*ND*
SPRING 76	41	99.00	.90	DAY	99.30	.60	DAY
AUGUST 76	17	72.86	16.03	*ND*	77.79	11.11	*ND*
FALL 76	37	99.64	.36	DAY	99.67	.32	DAY
DECEMBER76	7	65.41	10.00	*ND*	74.67	8.78	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
TRICHIURUS LEPTURUS							
ALL DATA76	27	99.73	.27	DAY	99.73	.26	DAY
WINTER 76	9	97.73	.63	DAY	95.21	0.00	DAY
APRIL 76	5	57.85	7.85	*ND*	50.00	0.00	*ND*
SPRING 76	9	95.80	3.30	DAY	95.80	3.30	DAY
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
TRICHOPSETTA VENTRAL							
ALL DATA76	103	99.97	.03	NIGHT	99.97	.01	NIGHT
WINTER 76	27	99.64	.18	NIGHT	99.06	0.00	NIGHT
APRIL 76	13	59.70	4.78	*ND*	54.92	0.00	*ND*
SPRING 76	19	99.50	.40	NIGHT	99.40	0.00	NIGHT
AUGUST 76	9	61.71	3.81	*ND*	53.95	3.95	*ND*
FALL 76	19	96.48	1.73	NIGHT	96.84	0.00	NIGHT
DECEMBER76	11	59.14	0.00	*ND*	65.02	0.00	*ND*
UMBRINA COROIDES							
ALL DATA76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
UPENEUS PARVUS							
ALL DATA76	123	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	25	99.91	.09	DAY	99.93	.05	DAY
APRIL 76	17	99.15	.74	DAY	98.76	0.00	DAY
SPRING 76	29	73.60	15.50	*ND*	88.40	4.60	DAY
AUGUST 76	11	99.88	0.00	DAY	99.88	0.00	DAY
FALL 76	25	92.57	6.91	DAY	87.69	10.10	DAY
DECEMBER76	11	99.71	.18	DAY	99.53	0.00	DAY
UROPHYCIS CIRRATUS							
ALL DATA76	15	87.24	12.51	NIGHT	92.32	6.24	NIGHT
WINTER 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
SPRING 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
AUGUST 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
FALL 76	3	86.18	0.00	NIGHT	86.18	0.00	NIGHT
DECEMBER76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
UROPHYCIS FLORIDANUS							
ALL DATA76	41	97.30	2.70	NIGHT	99.87	.13	NIGHT
WINTER 76	13	99.53	.44	NIGHT	99.93	0.00	NIGHT
APRIL 76	11	76.28	17.14	*ND*	72.04	18.97	*ND*
SPRING 76	9	93.80	1.30	NIGHT	97.10	0.00	NIGHT
AUGUST 76	3	74.81	11.37	*ND*	63.44	0.00	*ND*
FALL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
VOMER SETAPINNIS							
ALL DATA76	25	100.00	0.00	DAY	100.00	0.00	DAY
WINTER 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
APRIL 76	1	-0.00	0.00	*ND*	-0.00	0.00	*ND*
SPRING 76	9	95.80	3.30	DAY	95.80	3.30	DAY
AUGUST 76	3	86.18	0.00	DAY	86.18	0.00	DAY
FALL 76	7	98.75	0.00	DAY	98.75	0.00	DAY
ZALIEUTES MCGINTYI							
ALL DATA76	15	77.32	21.24	*ND*	76.13	12.17	*ND*
APRIL 76	11	84.23	13.64	DAY	85.70	5.31	DAY
SPRING 76	3	63.40	0.00	*ND*	63.40	0.00	*ND*

APPENDIX I

HISTOPATHOLOGY OF DEMERSAL FISHES

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TABLE 1

FIXATIVES

Buffered Neutral Formalin

37-40% formaldehyde	100.0 ml
Distilled water	900.0 ml
Sodium phosphate monobasic	4.0 gm
Sodium phosphate dibasic (anhydrous)	6.5 gm

Helly's Solution

Stock Solution

Distilled water	100.0 ml
Mercuric chloride	5.0 gm
Potassium dichromate	2.5 gm
Sodium sulfate	1.0 gm
Add immediately before use:	
37-40% formaldehyde	5.0 ml

TABLE 2

HEMATOXYLIN AND EOSIN STAINING PROCEDURE

1. Xylene - 3 changes, 2 minutes each
2. Absolute ethyl alcohol - 2 changes, 2 minutes each
3. 95% ethyl alcohol - 2 changes, 2 minutes each
4. Alcoholic iodine - 15 minutes
5. Rinse in tap water
6. 5% Sodium thiosulfate - 5 minutes
7. Running tap water - 5 minutes
8. Distilled water rinse
9. Harris hematoxylin - 15 minutes
10. Alkaline water - until tissue is blue
11. Acid water - until tissue is pink
12. Alkaline water - until tissue is gray-blue
13. Distilled water - 1 minute
14. Eosin - 5 minutes
15. 95% ethyl alcohol - 2 changes, 2 minutes each
16. Absolute ethyl alcohol - 2 changes, 2 minutes each
17. Xylene - 2 changes, 2 minutes each
18. Mount - histoclad mounting medium

TABLE 3

STAINING SOLUTIONS-HARRIS HEMATOXYLIN AND EOSIN

Harris Hematoxylin:

Hematoxylin.	5 gm
Absolute ethyl alcohol	50 ml
Aluminum ammonium sulfate	100 gm
Distilled water	1000 ml
Mercuric oxide	2.5 gm

Eosin:

Eosin	4 gm
Absolute ethyl alcohol	200 ml
Distilled water	600 ml

Alcoholic iodine:

Iodine crystals	10 gm
95% ethyl alcohol	1000 ml

Alkaline water:

Sodium bicarbonate	10 gm
Distilled water	800 ml

Acid water:

Concentrated hydrochloric acid	4 ml
Distilled water	800 ml

TABLE 4

VERHOEFF AND VAN GIESON STAINING PROCEDURE

1. Xylene - 3 changes, 2 minutes each
2. Absolute ethyl alcohol - 2 changes, 2 minutes each
3. 95% ethyl alcohol - 2 changes, 2 minutes each
4. Distilled water
5. Verhoeff solution - 15 minutes
6. Rinse in distilled water
7. Differentiate in 2% ferric chloride - 12 seconds
8. 5% sodium thiosulfate - 1 minute
9. Running tap water - 5 minutes
10. Van Gieson solution - 1 minute
11. Differentiate in 95% ethyl alcohol
12. Absolute ethyl alcohol - 2 changes, 2 minutes each
13. Xylene - 2 changes, 2 minutes each
14. Mount - histoclad mounting medium

TABLE 5

STAINING SOLUTIONS-VERHOEFF AND VAN GIESON

Verhoeff stock solution:

With aid of heat dissolve 25 gm hematoxylin in 550 ml of absolute ethyl alcohol. Cool and filter.

Verhoeff stain:

Verhoeff stock solution	240.0 ml
10% Ferric chloride	96.0 ml
Iodine solution	96.0 ml

Iodine solution:

Potassium iodine	40.0 gm
Distilled water	1000.0 ml
Dissolve and add:	
Iodine	20.0 gm

Van Gieson stain:

Saturated solution of picric acid	800.0 ml
1% Acid Fuchsin (aqueous)	56.0 ml

APPENDIX J

SEDIMENT TEXTURE

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TABLE 1

SEDIMENT PARAMETERS COMPUTED BY MOMENT MEASURES
USING THE 14 phi EXTRAPOLATION

Key to Table:

PERIOD	Month or Season
TRAN	Transect
STA	Station
SAMP	Sample Code
REP	Replicate Number
MEAN	Mean
SD	Standard Deviation
SKEW	Coefficient of Skewness
KURT	Coefficient of Excess (Kurtosis)

SAND SILT CLAY >10.6	Percents	Percentage of total weight in the sand, silt and clay categories and in the fraction greater than 10.6 phi
SA/MUD SI/CL	Ratios	Ratio of sand weight to mud weight. Ratio of silt weight to clay weight.

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	1	AJTP	1	6.83	3.66	.61	-1.21	38.80	25.97	35.23	24.73	.63	.74
MARCH	II	1	AJTR	2	7.00	3.67	.52	-1.30	32.89	26.54	40.57	25.94	.49	.65
MARCH	II	1	AJTT	3	7.16	3.46	.57	-1.15	23.64	40.43	35.93	24.73	.31	1.13
MARCH	II	1	AJTV	4	6.33	3.35	.95	-.50	35.63	38.38	25.99	18.60	.55	1.48
MARCH	II	1	AJTX	5	5.76	3.06	1.46	.68	33.06	47.30	19.64	14.16	.49	2.41
MARCH	II	1	AJTZ	6	6.80	3.56	.68	-1.09	30.94	35.64	33.43	23.55	.45	1.07
MARCH	II	1	AKCC	7	7.20	3.61	.47	-1.31	27.73	34.01	38.26	26.67	.38	.89
MARCH	II	2	AJVJ	1	8.22	3.37	.17	-1.42	9.35	42.83	47.82	33.33	.10	.90
MARCH	II	2	AJVL	2	8.08	3.39	.23	-1.42	9.12	44.26	46.62	31.76	.10	.95
MARCH	II	2	AJVN	3	7.66	3.45	.39	-1.35	15.68	42.59	41.73	28.55	.19	1.02
MARCH	II	2	AJVP	4	7.38	3.51	.47	-1.29	19.96	41.51	38.52	27.09	.25	1.08
MARCH	II	2	AJVR	5	7.87	3.49	.27	-1.42	14.00	41.80	44.20	31.80	.16	.95
MARCH	II	2	AJVT	6	7.12	3.66	.49	-1.31	34.77	27.54	37.69	27.32	.53	.73
MARCH	II	2	AKCE	7	8.22	3.36	.18	-1.42	8.66	43.15	48.19	33.23	.09	.90
MARCH	II	3	AJYF	1	9.69	2.86	-.35	-1.04	1.81	29.46	68.72	46.71	.02	.43
MARCH	II	3	AJYH	2	9.49	2.99	-.31	-1.10	4.02	29.81	66.17	45.38	.04	.45
MARCH	II	3	AJYJ	3	9.62	2.92	-.36	-1.01	3.03	29.03	67.94	46.47	.03	.43
MARCH	II	3	AJYL	4	9.66	2.87	-.36	-.95	3.23	28.29	68.48	45.70	.03	.41
MARCH	II	3	AJYN	5	9.69	2.94	-.40	-1.01	3.42	29.58	67.00	49.95	.04	.44
MARCH	II	3	AJYP	6	9.29	3.09	-.27	-1.16	6.36	29.74	63.90	43.69	.07	.47
MARCH	II	3	AKCH	7	9.60	2.85	-.25	-1.16	.32	32.89	66.79	45.11	.00	.49
MARCH	II	4	AJUO	1	8.44	3.42	.00	-1.42	12.36	30.60	57.04	35.86	.14	.54
MARCH	II	4	AJUQ	2	8.79	3.27	-.04	-1.42	4.97	40.44	54.59	40.12	.05	.74
MARCH	II	4	AJUS	3	7.34	3.55	.47	-1.32	22.19	38.57	39.24	27.55	.29	.98
MARCH	II	4	AJUU	4	8.37	3.35	.11	-1.44	7.63	41.81	50.57	34.72	.08	.83
MARCH	II	4	AJUW	5	8.74	3.30	-.05	-1.42	6.52	38.37	55.12	38.64	.07	.70
MARCH	II	4	AJUY	6	8.55	3.36	-.02	-1.39	9.92	36.16	53.92	36.85	.11	.67

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	4	AKCD	7	8.49	3.19	.18	-1.42	5.81	43.21	50.97	34.37	.06	.85
MARCH	II	5	AJWL	1	8.41	3.49	-.08	-1.31	17.34	30.58	52.08	35.91	.21	.59
MARCH	II	5	AJWN	2	8.32	3.40	.08	-1.41	12.28	36.63	51.09	34.12	.14	.72
MARCH	II	5	AJWP	3	8.23	3.43	.14	-1.44	11.33	40.01	48.66	35.59	.13	.82
MARCH	II	5	AJWR	4	8.35	3.46	.03	-1.44	14.36	34.14	51.50	35.19	.17	.66
MARCH	II	5	AJWT	5	8.60	3.34	.01	-1.45	6.22	40.30	53.48	38.14	.07	.75
MARCH	II	5	AJWV	6	8.04	3.42	.25	-1.45	8.32	45.54	46.14	32.79	.09	.99
MARCH	II	5	AKCF	7	8.80	3.26	-.08	-1.36	6.75	36.77	56.48	38.78	.07	.65
MARCH	II	6	AJXH	1	10.01	2.64	-.38	-.91	.70	26.68	72.62	49.90	.01	.37
MARCH	II	6	AJXJ	2	10.25	2.46	-.36	-.96	.09	23.33	76.57	52.36	.00	.30
MARCH	II	6	AJXL	3	9.67	2.85	-.30	-1.10	2.60	30.55	66.85	47.50	.03	.46
MARCH	II	6	AJXN	4	9.68	2.87	-.32	-1.09	2.41	30.28	67.32	47.28	.02	.45
MARCH	II	6	AJXQ	5	9.55	2.69	-.20	-.99	1.13	30.71	68.16	34.71	.01	.45
MARCH	II	6	AJXS	6	9.62	2.91	-.29	-1.13	2.79	31.44	65.77	48.18	.03	.48
MARCH	II	6	AKCG	7	9.72	2.77	-.26	-1.14	1.03	30.15	68.82	46.77	.01	.44
APRIL	II	1	AKLY	1	7.21	3.45	.57	-1.18	22.26	40.93	36.81	25.44	.29	1.11
APRIL	II	1	AKMA	2	6.46	3.46	.89	-.77	32.17	38.38	29.44	21.00	.47	1.30
APRIL	II	1	AKMC	3	6.45	3.42	.91	-.71	32.04	39.26	28.71	19.80	.47	1.37
APRIL	II	1	AKME	4	7.27	3.46	.56	-1.23	16.63	45.74	37.63	25.61	.20	1.22
APRIL	II	1	AKMG	5	7.18	3.46	.60	-1.20	17.44	44.99	37.57	24.20	.21	1.20
APRIL	II	1	AKMI	6	8.20	3.38	.13	-1.40	10.89	39.84	49.27	31.58	.12	.81
APRIL	II	1	AKMQ	7	7.08	3.53	.56	-1.20	27.11	36.28	36.61	24.46	.37	.99
APRIL	II	2	AKNX	1	7.95	3.43	.24	-1.39	12.76	41.49	45.74	30.82	.15	.91
APRIL	II	2	AKNZ	2	7.72	3.49	.33	-1.39	15.38	41.54	43.08	29.71	.18	.96
APRIL	II	2	AKOB	3	7.16	3.40	.65	-1.12	15.01	49.92	35.07	24.26	.18	1.42
APRIL	II	2	AKOD	4	7.08	3.54	.57	-1.20	25.83	38.09	36.08	25.25	.35	1.06
APRIL	II	2	AKOE	5	7.39	3.42	.45	-1.13	13.54	48.16	38.30	25.62	.16	1.26
APRIL	II	2	AKOG	6	6.75	3.35	.83	-.83	22.17	46.43	31.40	20.71	.28	1.48

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	2	AKOH	7	7.04	3.50	.57	-1.15	28.23	35.55	36.22	23.35	.39	.98
APRIL	II	2	AKOS	1	9.35	2.97	-.27	-1.05	4.48	31.03	64.49	39.87	.05	.48
APRIL	II	3	AKQU	2	9.17	3.14	-.25	-1.17	5.89	32.05	62.06	41.24	.06	.52
APRIL	II	3	AKQW	3	9.46	2.80	-.27	-.91	2.90	28.36	68.73	34.93	.03	.41
APRIL	II	3	AKQY	4	9.28	3.11	-.30	-1.11	5.43	29.80	64.76	42.94	.06	.46
APRIL	II	3	AKRA	5	9.26	3.10	-.26	-1.16	4.53	32.07	63.40	43.29	.05	.51
APRIL	II	3	AKRC	6	9.48	2.99	-.36	-.97	5.61	27.32	67.07	43.40	.06	.41
APRIL	II	3	AKRK	7	9.50	2.92	-.29	-1.05	2.84	30.90	66.27	43.18	.03	.47
APRIL	II	4	AKMZ	1	8.14	3.31	.26	-1.40	6.85	47.00	46.15	32.37	.07	1.02
APRIL	II	4	AKNB	2	7.18	3.41	.61	-1.15	16.67	46.76	36.57	23.89	.20	1.28
APRIL	II	4	AKND	3	7.16	3.48	.59	-1.18	19.23	44.02	36.75	25.52	.24	1.20
APRIL	II	4	AKNF	4	7.24	3.50	.56	-1.25	18.11	44.51	37.38	26.18	.22	1.19
APRIL	II	4	AKNH	5	8.29	3.37	.14	-1.45	7.67	41.92	50.41	33.77	.08	.83
APRIL	II	4	AKNJ	6	7.81	3.46	.28	-1.36	16.34	39.68	43.98	29.77	.20	.90
APRIL	II	4	AKNR	7	8.34	3.35	.12	-1.43	8.47	40.92	50.61	34.93	.09	.81
APRIL	II	5	AKOW	1	8.42	3.42	.04	-1.45	11.20	37.11	51.69	35.53	.13	.72
APRIL	II	5	AKOY	2	8.93	3.29	-.18	-1.32	6.96	29.26	63.79	41.17	.07	.46
APRIL	II	5	AKPA	3	8.85	3.23	-.11	-1.27	7.66	34.33	58.01	38.68	.08	.59
APRIL	II	5	AKPC	4	8.95	3.16	-.12	-1.26	6.04	34.82	59.13	38.47	.06	.59
APRIL	II	5	AKPE	5	8.86	3.22	-.09	-1.33	4.60	37.70	57.70	38.05	.05	.65
APRIL	II	5	AKPG	6	8.10	3.26	.27	-1.34	7.50	45.20	47.30	28.68	.08	.96
APRIL	II	5	AKPU	7	8.22	3.35	.17	-1.42	8.23	42.19	49.58	31.90	.09	.85
APRIL	II	6	AKPU	1	9.64	2.85	-.28	-1.12	1.25	31.49	67.27	46.03	.01	.47
APRIL	II	6	AKPW	2	9.36	2.93	-.21	-1.09	4.36	32.55	63.09	41.84	.05	.52
APRIL	II	6	AKPY	3	9.53	2.77	-.16	-1.13	1.25	32.78	65.97	41.72	.01	.50
APRIL	II	6	AKQA	4	9.72	2.80	-.27	-1.14	.60	31.18	68.21	47.90	.01	.46
APRIL	II	6	AKQC	5	9.75	2.75	-.25	-1.14	.53	30.74	68.74	47.58	.01	.45
APRIL	II	6	AKQE	6	9.50	2.87	-.20	-1.18	.99	33.56	65.46	44.27	.01	.51

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	6	AKQM	7	9.30	3.00	-.20	-1.18	3.75	33.32	62.93	41.71	.04	.53
JULY	II	1	AOHV	1	8.10	3.35	.20	-1.38	10.60	41.14	48.26	30.40	.12	.85
JULY	II	1	AOHX	2	8.28	3.31	.12	-1.35	10.69	38.84	50.46	31.01	.12	.77
JULY	II	1	AOHZ	3	7.61	3.42	.38	-1.31	16.66	40.94	42.39	26.26	.20	.97
JULY	II	1	AOIB	4	7.76	3.40	.38	-1.35	10.78	46.18	43.03	29.06	.12	1.07
JULY	II	1	AOID	5	7.11	3.42	.63	-1.10	20.93	43.61	35.46	24.08	.26	1.23
JULY	II	1	AOIE	6	7.66	3.41	.38	-1.31	15.63	42.01	42.36	27.75	.19	.99
JULY	II	1	AOIU	7	7.46	3.49	.44	-1.32	20.62	39.15	40.23	26.66	.26	.97
JULY	II	2	AOIW	1	7.36	3.40	.55	-1.21	14.37	47.57	38.06	25.15	.17	1.25
JULY	II	2	AOIY	2	8.15	3.31	.23	-1.38	8.05	44.22	47.73	30.94	.09	.93
JULY	II	2	AOJA	3	8.24	3.27	.19	-1.36	7.39	43.63	48.99	30.89	.08	.89
JULY	II	2	AOJC	4	7.46	3.53	.37	-1.31	22.76	35.93	41.31	26.72	.29	.87
JULY	II	2	AOJE	5	7.25	3.49	.52	-1.22	23.27	39.31	37.42	25.19	.30	1.05
JULY	II	2	AOJG	6	7.60	3.41	.42	-1.29	16.34	42.93	40.73	26.97	.20	1.05
JULY	II	2	AOJZ	7	7.53	3.57	.30	-1.34	25.81	31.76	42.42	26.87	.35	.75
JULY	II	3	AOKB	1	9.15	3.09	-.33	-.85	5.56	30.84	63.60	36.45	.06	.48
JULY	II	3	AOKD	2	9.53	2.90	-.37	-.86	4.96	26.35	68.70	42.19	.05	.38
JULY	II	3	AOKF	3	9.26	3.05	-.29	-1.02	6.00	29.39	64.61	39.77	.06	.45
JULY	II	3	AOKH	4	9.31	2.98	-.21	-1.13	3.07	33.45	63.48	40.97	.03	.53
JULY	II	3	AOKJ	5	9.26	3.12	-.37	-.94	8.62	26.22	65.17	40.77	.09	.40
JULY	II	3	AOKL	6	9.53	2.77	-.12	-1.22	.75	34.00	65.26	42.20	.01	.52
JULY	II	3	AOLA	7	9.34	3.05	-.37	-.86	6.44	28.50	65.06	41.59	.07	.44
JULY	II	4	AOLC	1	8.50	3.20	.10	-1.35	5.95	41.89	52.16	32.96	.06	.80
JULY	II	4	AOLE	2	7.75	3.35	.40	-1.33	8.48	48.80	42.71	27.30	.09	1.14
JULY	II	4	AOLG	3	7.98	3.41	.25	-1.40	12.61	40.95	46.45	30.90	.14	.88
JULY	II	4	AOLI	4	8.31	3.19	.19	-1.32	6.04	43.97	49.99	29.34	.06	.88
JULY	II	4	AOLK	5	7.74	3.39	.36	-1.35	12.11	43.78	44.11	27.21	.14	.99
JULY	II	4	AOLM	6	7.56	3.47	.40	-1.33	15.81	42.23	41.96	26.96	.19	1.01

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
JULY	II	4	AOLZ	7	8.16	3.35	.16	-1.37	11.91	38.86	49.23	29.90	.14	.79
JULY	II	5	AOMB	1	8.12	3.32	.22	-1.37	9.04	43.08	47.88	29.99	.10	.90
JULY	II	5	AOMD	2	8.43	3.33	.07	-1.41	9.54	38.10	52.35	34.08	.11	.73
JULY	II	5	AOMF	3	7.78	3.42	.33	-1.36	14.15	42.15	43.70	28.57	.16	.96
JULY	II	5	AOMH	4	8.55	3.23	.06	-1.37	6.35	40.17	53.48	34.00	.07	.75
JULY	II	5	AOMJ	5	8.75	3.17	-.04	-1.28	8.79	34.15	57.06	34.97	.10	.60
JULY	II	5	AOML	6	8.66	3.20	.04	-1.36	4.97	40.51	54.51	35.36	.05	.74
JULY	II	5	AOMY	7	8.16	3.31	.20	-1.38	9.17	42.32	48.51	30.01	.10	.87
JULY	II	6	AONA	1	9.00	3.06	-.09	-1.22	5.81	36.09	58.10	36.22	.06	.62
JULY	II	6	AONC	2	9.62	2.73	-.20	-1.07	1.69	30.34	67.97	42.01	.02	.45
JULY	II	6	AONE	3	9.38	2.88	-.18	-1.11	2.42	33.22	64.37	39.77	.02	.52
JULY	II	6	AONG	4	8.82	3.24	-.17	-1.17	11.46	30.22	58.31	36.19	.13	.52
JULY	II	6	AONJ	5	9.27	2.80	-.11	-1.03	2.63	33.42	63.95	35.46	.03	.52
JULY	II	6	AONK	6	9.26	2.88	-.12	-1.14	2.46	34.46	63.08	37.79	.03	.55
JULY	II	6	AONX	7	9.46	2.81	-.17	-1.14	.35	33.60	66.04	41.09	.00	.51
AUGUST	II	1	AOTZ	1	7.72	3.49	.30	-1.39	15.63	40.07	44.30	28.41	.19	.90
AUGUST	II	1	AOUB	2	7.61	3.46	.38	-1.34	16.07	41.61	42.32	27.36	.19	.98
AUGUST	II	1	AOUD	3	6.65	3.43	.82	-.85	28.83	40.45	30.72	20.90	.41	1.32
AUGUST	II	1	AOUF	4	7.56	3.54	.35	-1.37	19.41	38.35	42.24	28.56	.24	.91
AUGUST	II	1	AOUH	5	7.16	3.51	.48	-1.21	26.14	35.27	38.60	23.03	.35	.91
AUGUST	II	1	AOUJ	6	7.00	3.57	.55	-1.18	25.66	38.28	36.05	24.13	.35	1.06
AUGUST	II	1	AOUY	7	7.42	3.49	.39	-1.27	22.33	37.13	40.55	24.87	.29	.92
AUGUST	II	2	AOVA	1	7.41	3.37	.48	-1.20	17.75	42.82	39.43	23.84	.22	1.09
AUGUST	II	2	AOVC	2	7.23	3.34	.60	-1.11	14.67	48.31	37.01	22.27	.17	1.31
AUGUST	II	2	AOVE	3	7.92	3.34	.29	-1.34	11.24	42.93	45.84	28.25	.13	.94
AUGUST	II	2	AOVG	4	7.10	3.07	.46	-1.01	17.65	41.27	41.08	2.98	.21	1.00
AUGUST	II	2	AOVI	5	7.79	3.25	.38	-1.18	11.67	43.00	45.33	30.59	.13	.95
AUGUST	II	2	AOVK	6	7.15	3.45	.60	-1.16	20.98	42.68	36.34	24.70	.27	1.17

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	2	AOVZ	7	7.65	3.34	.43	-1.26	12.26	45.97	41.77	26.74	.14	1.10
AUGUST	II	3	AOWB	1	9.60	2.81	-.27	-1.01	2.09	29.35	68.57	43.13	.02	.43
AUGUST	II	3	AOWD	2	9.29	2.88	-.15	-1.11	2.44	33.26	64.30	38.33	.03	.52
AUGUST	II	3	AOWF	3	9.26	2.86	-.12	-1.11	2.63	33.96	63.41	36.58	.03	.54
AUGUST	II	3	AOWH	4	9.42	2.85	-.22	-1.04	3.51	30.04	66.44	39.21	.04	.45
AUGUST	II	3	AOWJ	5	9.47	2.79	-.19	-1.08	1.64	31.31	67.05	38.51	.02	.47
AUGUST	II	3	AOWL	6	9.32	2.88	-.17	-1.09	2.15	33.73	64.12	38.14	.02	.53
AUGUST	II	3	AOXA	7	9.47	2.78	-.17	-1.05	2.60	31.30	66.10	39.56	.03	.47
AUGUST	II	4	AOXC	1	8.33	3.25	.16	-1.35	9.14	39.52	51.34	31.00	.10	.77
AUGUST	II	4	AOXE	2	8.14	3.31	.19	-1.35	10.44	40.53	49.03	30.12	.12	.83
AUGUST	II	4	AOXG	3	8.23	3.33	.15	-1.39	10.14	39.95	49.90	30.63	.11	.80
AUGUST	II	4	AOXI	4	8.23	3.30	.16	-1.36	9.16	40.37	50.47	30.54	.10	.80
AUGUST	II	4	AOKK	5	9.01	3.05	-.09	-1.24	5.06	34.84	60.10	36.72	.05	.58
AUGUST	II	4	AOXM	6	7.68	3.50	.32	-1.38	17.61	38.39	44.00	28.55	.21	.87
AUGUST	II	4	AOXZ	7	8.44	3.20	.10	-1.31	6.73	40.75	52.51	31.01	.07	.78
AUGUST	II	5	AOYB	1	8.89	3.22	-.10	-1.32	7.34	35.14	57.52	38.76	.08	.61
AUGUST	II	5	AOYD	2	7.74	3.36	.27	-1.29	23.27	31.34	45.39	22.01	.30	.69
AUGUST	II	5	AOYF	3	7.75	3.40	.35	-1.35	13.10	42.84	44.06	27.63	.15	.97
AUGUST	II	5	AOYH	4	8.79	3.25	-.14	-1.21	10.81	30.94	58.25	35.94	.12	.53
AUGUST	II	5	AOYJ	5	7.69	3.68	.11	-1.34	28.48	25.20	46.33	28.71	.40	.54
AUGUST	II	5	AOYL	6	7.99	3.35	.27	-1.38	9.26	43.83	46.91	28.87	.10	.93
AUGUST	II	5	AOYY	7	7.40	3.94	.02	-1.27	23.11	32.20	44.70	27.79	.30	.72
AUGUST	II	6	AOZA	1	9.47	2.73	-.10	-1.13	1.22	33.97	64.80	39.23	.01	.52
AUGUST	II	6	AOZC	2	9.18	3.02	-.11	-1.21	4.03	32.17	63.80	52.81	.04	.50
AUGUST	II	6	AOZE	3	9.65	2.81	-.29	-1.05	1.77	29.36	68.87	44.07	.02	.43
AUGUST	II	6	AOZG	4	9.66	2.71	-.18	-1.16	.99	30.74	68.27	42.80	.01	.45
AUGUST	II	6	AOZI	5	9.66	2.74	-.23	-1.05	1.38	30.49	68.12	43.92	.01	.45
AUGUST	II	6	AOZK	6	9.68	2.76	-.28	-1.01	1.23	29.21	69.56	43.98	.01	.42

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	6	AOZX	7	9.37	2.90	-.19	-1.11	2.59	33.64	63.77	40.91	.03	.53
NOVEMBER	II	1	AVAC	1	8.85	3.21	-.15	-1.18	9.27	32.33	58.41	36.89	.10	.55
NOVEMBER	II	1	AVAF	2	9.13	2.99	-.14	-1.11	5.27	33.37	61.36	39.10	.06	.54
NOVEMBER	II	1	AVAI	3	7.57	3.15	.50	-1.07	23.69	34.57	41.74	20.02	.31	.83
NOVEMBER	II	1	AVAL	4	6.83	3.57	.62	-1.10	35.20	30.61	34.19	23.88	.54	.90
NOVEMBER	II	1	AVAO	5	7.89	3.54	.17	-1.41	20.61	32.09	47.30	29.96	.26	.68
NOVEMBER	II	1	AVAR	6	8.32	3.40	.04	-1.34	13.78	34.56	51.65	34.34	.16	.67
NOVEMBER	II	1	AVAY	7	7.91	3.51	.19	-1.41	17.32	35.72	46.96	30.83	.21	.76
NOVEMBER	II	2	AVBJ	1	7.54	3.42	.44	-1.28	15.40	43.96	40.64	27.62	.18	1.08
NOVEMBER	II	2	AVBM	2	6.77	3.31	.87	-.77	17.26	52.00	30.73	21.02	.21	1.69
NOVEMBER	II	2	AVBP	3	7.10	3.38	.67	-1.07	16.10	48.97	34.93	23.08	.19	1.40
NOVEMBER	II	2	AVBS	4	6.93	3.37	.77	-.93	17.91	50.53	31.56	23.33	.22	1.60
NOVEMBER	II	2	AVBV	5	7.64	3.42	.42	-1.34	12.19	46.16	41.65	27.90	.14	1.11
NOVEMBER	II	2	AVBY	6	7.10	3.35	.71	-1.03	13.61	52.04	34.34	23.40	.16	1.52
NOVEMBER	II	2	AVCF	7	7.13	3.48	.56	-1.18	23.33	39.17	37.50	24.27	.30	1.04
NOVEMBER	II	3	AVCQ	1	9.42	2.82	-.21	-1.00	2.55	30.58	66.86	37.53	.03	.46
NOVEMBER	II	3	AVCT	2	9.19	2.94	-.16	-1.08	3.29	33.12	63.59	35.93	.03	.52
NOVEMBER	II	3	AVCW	3	9.38	2.91	-.27	-.94	3.89	30.08	66.03	38.61	.04	.46
NOVEMBER	II	3	AVCZ	4	9.32	2.86	-.24	-.92	2.94	30.23	66.83	34.19	.03	.45
NOVEMBER	II	3	AVDC	5	9.22	2.91	-.19	-1.03	3.59	32.72	63.69	34.94	.04	.51
NOVEMBER	II	3	AVDF	6	9.19	2.95	-.14	-1.15	3.07	34.26	62.67	37.04	.03	.55
NOVEMBER	II	3	AVDM	7	9.32	2.90	-.21	-1.01	3.57	31.41	65.02	38.55	.04	.48
NOVEMBER	II	4	AVDX	1	8.15	3.32	.22	-1.39	7.56	44.42	48.02	30.44	.08	.93
NOVEMBER	II	4	AVEA	2	8.11	3.39	.17	-1.37	12.58	39.52	47.90	31.85	.14	.83
NOVEMBER	II	4	AVED	3	8.45	3.29	.08	-1.38	6.93	41.09	51.98	33.33	.07	.79
NOVEMBER	II	4	AVEG	4	7.96	3.34	.33	-1.37	7.23	47.80	44.97	30.99	.08	1.06
NOVEMBER	II	4	AVEJ	5	7.83	3.43	.30	-1.40	11.70	42.84	45.46	28.66	.13	.94
NOVEMBER	II	4	AVEM	6	7.39	3.37	.55	-1.19	13.11	48.73	38.15	25.42	.15	1.28

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
NOVEMBER	II	4	AVET	7	6.61	3.42	.84	-.83	27.96	41.32	30.72	20.41	.39	1.34
NOVEMBER	II	5	AVFC	1	8.55	3.26	.05	-1.38	6.23	40.14	53.63	33.69	.07	.75
NOVEMBER	II	5	AVFF	2	7.82	3.34	.33	-1.34	7.04	48.22	44.74	25.92	.08	1.08
NOVEMBER	II	5	AVFI	3	9.09	3.01	-.10	-1.24	2.47	36.20	61.32	36.94	.03	.59
NOVEMBER	II	5	AVFL	4	9.07	3.01	-.07	-1.27	2.16	38.46	59.38	37.00	.02	.65
NOVEMBER	II	5	AVFO	5	8.17	3.38	.18	-1.42	9.10	42.25	48.65	31.99	.10	.87
NOVEMBER	II	5	AVFR	6	8.30	3.28	.16	-1.37	6.87	43.04	50.09	31.73	.07	.86
NOVEMBER	II	5	AVFY	7	8.76	3.15	-.01	-1.32	4.56	40.08	55.37	34.38	.05	.72
NOVEMBER	II	6	AVGH	1	9.49	2.79	-.20	-1.05	1.60	32.00	66.40	39.20	.02	.48
NOVEMBER	II	6	AVGK	2	9.29	2.75	-.04	-1.12	1.14	35.54	63.32	34.38	.01	.56
NOVEMBER	II	6	AVGN	3	9.35	2.81	-.12	-1.11	2.30	32.67	65.04	37.69	.02	.50
NOVEMBER	II	6	AVGQ	4	9.36	2.78	-.09	-1.11	2.06	33.97	63.97	37.65	.02	.53
NOVEMBER	II	6	AVGT	5	9.41	2.71	-.05	-1.17	.41	34.66	64.94	36.64	.00	.53
NOVEMBER	II	6	AVGW	6	9.36	2.74	-.04	-1.16	1.67	35.01	63.32	36.52	.02	.55
NOVEMBER	II	6	AVHD	7	9.23	2.91	-.15	-1.06	4.05	33.00	62.95	37.72	.04	.52
FALL	I	1	AQXR	1	6.23	3.60	.79	-.86	45.27	24.71	30.03	18.13	.83	.82
FALL	I	1	AQXT	2	5.91	3.51	1.00	-.51	50.27	23.51	26.22	17.25	1.01	.90
FALL	I	1	AQXV	3	5.87	3.24	.99	-.34	45.85	28.16	25.99	7.40	.85	1.08
FALL	I	1	AQXX	4	7.22	3.62	.38	-1.29	30.61	29.46	39.93	24.81	.44	.74
FALL	I	1	AQXZ	5	6.28	3.64	.78	-.91	45.18	24.67	30.15	20.12	.82	.82
FALL	I	1	AQYB	6	6.86	3.83	.44	-1.35	42.62	19.41	37.97	24.94	.74	.51
FALL	I	1	ARIB	7	6.49	3.49	.80	-.84	35.91	33.73	30.36	20.09	.56	1.11
FALL	I	2	AQZI	1	7.29	3.43	.49	-1.18	23.78	38.50	37.72	24.26	.31	1.02
FALL	I	2	AQZK	2	6.52	3.42	.86	-.77	34.36	36.02	29.62	19.72	.52	1.22
FALL	I	2	AQZM	3	7.69	3.42	.32	-1.29	20.02	37.45	42.53	27.54	.25	.88
FALL	I	2	AQZO	4	6.52	3.38	.88	-.71	33.90	37.61	28.49	19.61	.51	1.32
FALL	I	2	AQZQ	5	7.05	3.35	.65	-1.00	9.76	55.73	34.51	21.43	.11	1.61
FALL	I	2	AQZS	6	7.44	3.42	.43	-1.22	25.84	34.67	39.49	25.24	.35	.88

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	2	ARIC	7	7.69	3.41	.31	-1.28	20.00	37.11	42.89	25.93	.25	.87
FALL	I	3	ARBL	1	9.32	2.99	-.26	-1.07	2.46	33.06	64.48	39.66	.03	.51
FALL	I	3	ARBN	2	9.13	2.96	-.14	-1.09	3.27	33.87	62.86	36.62	.03	.54
FALL	I	3	ARBP	3	9.33	3.08	-.43	-.72	7.03	27.91	65.05	40.10	.08	.43
FALL	I	3	ARBR	4	9.34	2.95	-.28	-.96	4.53	29.79	65.68	39.04	.05	.45
FALL	I	3	ARBT	5	9.21	3.18	-.36	-.99	7.36	29.24	63.41	40.91	.08	.46
FALL	I	3	ARBV	6	8.60	3.48	-.28	-1.05	13.96	28.72	57.31	36.31	.16	.50
FALL	I	3	ARID	7	9.30	3.10	-.40	-.81	7.72	27.01	65.27	41.85	.08	.41
FALL	I	4	ARDD	1	5.57	3.60	1.02	-.42	58.13	17.02	24.86	15.46	1.39	.68
FALL	I	4	ARDF	2	5.95	3.55	.93	-.63	51.62	19.89	28.50	16.55	1.07	.70
FALL	I	4	ARDH	3	5.94	3.75	.86	-.84	58.00	13.45	28.55	19.57	1.38	.47
FALL	I	4	ARDJ	4	6.52	3.54	.79	-.93	42.05	26.69	31.26	20.84	.73	.85
FALL	I	4	ARDL	5	5.55	3.71	.99	-.56	62.95	11.06	25.99	16.93	1.70	.43
FALL	I	4	ARDN	6	5.98	3.69	.89	-.78	53.71	18.03	28.26	18.63	1.16	.64
FALL	I	4	AREA	7	4.85	3.35	1.44	.73	67.01	15.31	17.68	11.00	2.03	.87
FALL	I	5	AREU	1	8.24	3.33	.11	-1.39	1.31	46.43	52.26	28.85	.01	.89
FALL	I	5	AREW	2	7.10	3.63	.44	-1.29	33.49	27.22	39.29	23.70	.50	.69
FALL	I	5	AREY	3	9.94	2.52	-.28	-.81	.76	24.17	75.08	43.57	.01	.32
FALL	I	5	ARFA	4	8.09	3.24	.21	-1.24	10.65	41.52	47.83	26.60	.12	.87
FALL	I	5	ARFC	5	7.60	3.49	.32	-1.31	19.76	38.12	42.12	27.56	.25	.90
FALL	I	5	ARFE	6	9.34	2.80	-.20	-.89	3.22	30.91	65.87	35.53	.03	.47
FALL	I	5	ARFR	7	10.01	2.67	-.44	-.89	.52	23.13	76.35	48.51	.01	.30
FALL	I	6	ARGL	1	7.52	3.39	.39	-1.23	17.88	40.86	41.26	24.09	.22	.99
FALL	I	6	ARGN	2	7.81	3.44	.25	-1.35	14.72	39.51	45.77	27.50	.17	.86
FALL	I	6	ARGP	3	7.82	3.31	.25	-1.23	15.10	39.49	45.41	22.81	.18	.87
FALL	I	6	ARGR	4	8.35	3.23	.14	-1.32	7.38	42.60	50.03	31.04	.08	.85
FALL	I	6	ARGT	5	7.65	3.38	.33	-1.25	18.80	38.78	42.42	24.66	.23	.91
FALL	I	6	ARGV	6	7.86	3.40	.25	-1.30	16.83	38.71	44.45	28.39	.20	.87

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	6	ARHI	7	7.54	3.44	.37	-1.26	20.17	38.71	41.11	25.91	.25	.94
FALL	II	1	ARIF	1	8.02	3.44	.15	-1.36	15.68	36.39	47.93	30.10	.19	.76
FALL	II	1	ARIH	2	8.24	3.34	.08	-1.30	12.90	36.96	50.13	30.46	.15	.74
FALL	II	1	ARIJ	3	6.46	3.43	.84	-.77	33.78	35.78	30.44	19.19	.51	1.18
FALL	II	1	ARIL	4	7.20	3.30	.67	-1.03	10.71	54.33	34.96	23.09	.12	1.55
FALL	II	1	ARIN	5	8.29	3.42	.06	-1.40	12.25	36.26	51.49	33.12	.14	.70
FALL	II	1	ARIP	6	6.95	3.52	.62	-1.12	25.17	39.71	35.13	23.53	.34	1.13
FALL	II	1	ARJI	7	7.42	3.39	.53	-1.22	10.66	51.06	38.28	25.98	.12	1.33
FALL	II	2	ARKG	1	6.72	3.34	.84	-.80	27.77	41.03	31.20	20.16	.38	1.32
FALL	II	2	ARKI	2	7.56	3.35	.47	-1.24	12.01	47.79	40.21	25.91	.14	1.19
FALL	II	2	ARKK	3	7.34	3.43	.49	-1.23	27.38	33.71	38.91	24.53	.38	.87
FALL	II	2	ARKM	4	6.77	3.28	.86	-.74	18.24	50.71	31.05	20.47	.22	1.63
FALL	II	2	ARKO	5	6.38	3.50	.88	-.74	33.76	36.94	29.30	20.71	.51	1.26
FALL	II	2	ARKQ	6	7.01	3.43	.74	-1.03	15.93	50.91	33.16	26.48	.19	1.54
FALL	II	2	ARLJ	7	6.88	3.36	.79	-.90	17.47	50.55	31.97	22.57	.21	1.58
FALL	II	3	ARMJ	1	9.44	2.89	-.29	-.98	2.85	29.86	67.29	38.88	.03	.44
FALL	II	3	ARML	2	9.58	2.85	-.31	-.97	2.68	28.89	68.43	43.22	.03	.42
FALL	II	3	ARMN	3	9.40	3.01	-.29	-1.08	3.57	30.29	66.13	43.27	.04	.46
FALL	II	3	ARMP	4	9.38	2.92	-.28	-.93	4.09	30.07	65.83	39.04	.04	.46
FALL	II	3	ARMR	5	9.38	3.03	-.31	-1.07	3.55	30.31	66.14	42.72	.04	.46
FALL	II	3	ARMT	6	9.00	3.19	-.45	-.49	6.86	29.48	63.66	34.13	.07	.46
FALL	II	3	ARNI	7	9.42	2.94	-.31	-.94	4.35	28.85	66.80	41.05	.05	.43
FALL	II	4	AROB	1	8.52	3.20	.09	-1.34	5.49	41.77	52.74	32.85	.06	.79
FALL	II	4	AROD	2	8.72	3.20	-.03	-1.31	6.17	37.27	56.56	35.33	.07	.66
FALL	II	4	AROF	3	8.09	3.31	.23	-1.35	8.04	44.31	47.64	29.49	.09	.93
FALL	II	4	AROH	4	8.36	3.28	.14	-1.39	5.68	43.79	50.53	32.67	.06	.87
FALL	II	4	AROJ	5	7.69	3.33	.45	-1.28	7.93	51.34	40.73	27.55	.09	1.26
FALL	II	4	AROL	6	8.23	3.36	.17	-1.42	8.15	43.52	48.33	33.30	.09	.90

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	II	4	ARQY	7	7.65	3.35	.44	-1.28	10.30	48.43	41.28	26.90	.11	1.17
FALL	II	5	ARPK	1	8.42	3.31	.11	-1.41	6.95	42.13	50.92	35.58	.07	.83
FALL	II	5	ARPM	2	9.34	2.95	-.22	-1.12	3.06	33.26	63.67	40.32	.03	.52
FALL	II	5	ARPO	3	8.45	3.18	.11	-1.30	5.66	41.81	52.53	30.80	.06	.80
FALL	II	5	ARPQ	4	9.23	3.06	-.21	-1.21	3.21	33.39	63.39	41.11	.03	.53
FALL	II	5	ARPS	5	8.45	3.33	.08	-1.42	7.10	40.98	51.92	35.33	.08	.79
FALL	II	5	ARPU	6	8.51	3.23	.09	-1.37	5.25	41.90	52.85	33.72	.06	.79
FALL	II	5	ARQH	7	8.21	3.36	.14	-1.40	8.03	42.23	49.74	31.65	.09	.85
FALL	II	6	ARQT	1	9.51	2.82	-.17	-1.17	.98	34.04	64.98	42.82	.01	.52
FALL	II	6	ARQV	2	8.81	2.50	.00	-.53	2.80	33.47	63.73	5.81	.03	.53
FALL	II	6	ARQX	3	9.35	3.00	-.26	-1.09	5.16	30.85	63.99	42.32	.05	.48
FALL	II	6	ARQZ	4	9.42	2.84	-.15	-1.17	1.80	33.72	64.48	41.19	.02	.52
FALL	II	6	ARRB	5	10.00	2.61	-.35	-.94	.64	25.00	74.35	48.48	.01	.34
FALL	II	6	ARRD	6	9.39	2.72	-.04	-1.15	.97	34.54	64.49	37.33	.01	.54
FALL	II	6	ARRR	7	9.50	2.78	-.16	-1.12	1.46	32.17	66.38	40.28	.01	.48
FALL	III	1	ARSD	1	8.16	3.40	.17	-1.41	10.50	40.66	48.84	33.09	.12	.83
FALL	III	1	ARSF	2	8.25	3.32	.12	-1.29	9.09	42.70	48.21	31.75	.10	.89
FALL	III	1	ARSH	3	8.07	3.40	.24	-1.43	9.16	44.43	46.40	32.28	.10	.96
FALL	III	1	ARSJ	4	8.85	3.16	-.04	-1.34	3.25	39.48	57.27	36.54	.03	.69
FALL	III	1	ARSL	5	8.23	3.40	.09	-1.36	11.77	37.86	50.37	32.28	.13	.75
FALL	III	1	ARSN	6	7.26	3.31	.55	-1.11	19.50	42.25	38.25	19.43	.24	1.10
FALL	III	1	ARTC	7	6.88	3.46	.70	-1.03	26.09	40.34	33.57	22.77	.35	1.20
FALL	III	2	ARUB	1	8.97	3.06	-.07	-1.24	3.37	37.84	58.79	36.96	.03	.64
FALL	III	2	ARUD	2	9.01	3.04	-.06	-1.28	2.72	37.69	59.59	37.54	.03	.63
FALL	III	2	ARUF	3	9.05	2.98	-.05	-1.24	2.81	37.42	59.76	36.29	.03	.63
FALL	III	2	ARUH	4	8.70	3.17	.04	-1.35	3.46	41.85	54.70	35.20	.04	.77
FALL	III	2	ARUJ	5	8.87	3.12	-.01	-1.32	2.90	38.37	58.73	40.50	.03	.65
FALL	III	2	ARUL	6	8.88	3.06	-.01	-1.29	2.49	39.50	58.02	35.86	.03	.68

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	2	ARVA	7	8.81	3.09	.01	-1.30	2.88	40.06	57.07	35.28	.03	.70
FALL	III	3	ARWD	1	9.19	2.97	-.14	-1.14	3.02	35.12	61.86	38.25	.03	.57
FALL	III	3	ARWF	2	9.29	2.83	-.11	-1.09	2.89	33.32	63.79	36.98	.03	.52
FALL	III	3	ARWH	3	9.46	2.75	-.12	-1.12	.85	32.50	66.65	39.73	.01	.49
FALL	III	3	ARWJ	4	9.21	2.96	-.13	-1.18	3.19	35.03	61.77	38.99	.03	.57
FALL	III	3	ARWL	5	9.46	2.78	-.16	-1.09	1.39	32.25	66.36	38.47	.01	.49
FALL	III	3	ARWN	6	9.22	2.85	-.01	-1.25	1.46	38.15	60.40	38.87	.01	.63
FALL	III	3	ARXC	7	9.31	2.92	-.13	-1.20	1.75	34.90	63.35	40.82	.02	.55
FALL	III	4	ARXV	1	6.15	3.73	.77	-.94	56.68	10.86	32.46	20.60	1.31	.33
FALL	III	4	ARXX	2	4.56	2.65	2.35	4.20	81.56	7.66	10.79	7.77	4.42	.71
FALL	III	4	ARXZ	3	4.82	3.00	1.84	1.93	77.84	6.82	15.34	9.76	3.51	.44
FALL	III	4	ARYB	4	4.40	2.41	2.71	6.21	79.50	11.36	9.14	5.75	3.88	1.24
FALL	III	4	ARYD	5	5.86	3.49	1.08	-.41	58.06	15.76	26.18	17.32	1.38	.60
FALL	III	4	ARYF	6	4.72	2.84	2.07	2.90	78.21	8.55	13.24	9.35	3.59	.65
FALL	III	4	ARYS	7	4.87	2.82	2.01	2.65	72.38	13.69	13.93	9.01	2.62	.98
FALL	III	5	ARZE	1	8.92	3.07	-.04	-1.28	3.12	38.54	58.34	35.75	.03	.66
FALL	III	5	ARZG	2	9.31	3.01	-.20	-1.21	2.60	34.70	62.70	42.39	.03	.55
FALL	III	5	ARZI	3	9.27	2.88	-.15	-1.11	1.80	33.77	64.44	36.47	.02	.52
FALL	III	5	ARZK	4	9.06	3.11	-.14	-1.25	3.91	35.70	60.39	39.19	.04	.59
FALL	III	5	ARZM	5	9.45	2.70	.02	-1.28	1.71	32.22	66.07	42.67	.02	.49
FALL	III	5	ARZO	6	9.31	2.89	-.18	-1.10	3.03	32.01	64.96	38.20	.03	.49
FALL	III	5	ASAB	7	9.30	2.94	-.17	-1.19	1.40	35.79	62.81	38.86	.01	.57
FALL	III	6	ASAN	1	9.68	2.70	-.25	-.99	.46	30.00	69.53	39.00	.00	.43
FALL	III	6	ASAP	2	9.70	2.89	-.34	-1.05	2.27	29.64	68.09	50.70	.02	.44
FALL	III	6	ASAR	3	9.59	2.80	-.26	-1.04	1.11	30.30	68.59	42.12	.01	.44
FALL	III	6	ASAT	4	9.59	2.76	-.27	-.92	1.59	29.03	69.38	39.87	.02	.42
FALL	III	6	ASAV	5	9.69	2.76	-.28	-1.05	.96	29.31	69.73	43.92	.01	.42
FALL	III	6	ASAX	6	9.73	2.78	-.41	-.71	2.48	25.61	71.91	43.28	.03	.36

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	6	ASBK	7	9.54	2.70	-.18	-.97	2.05	29.95	68.00	38.32	.02	.44
FALL	IV	1	ASBW	1	4.26	3.51	1.55	1.00	74.14	9.30	16.56	11.84	2.87	.56
FALL	IV	1	ASBY	2	5.65	3.94	.80	-.92	57.00	11.23	31.78	18.46	1.33	.35
FALL	IV	1	ASCA	3	4.39	3.45	1.53	.95	73.41	9.80	16.79	11.18	2.76	.58
FALL	IV	1	ASCC	4	4.26	3.30	1.70	1.54	75.69	9.12	15.20	10.16	3.11	.60
FALL	IV	1	ASCE	5	4.40	3.23	1.74	1.60	72.57	12.17	15.26	9.80	2.65	.80
FALL	IV	1	ASCG	6	9.25	2.93	-.08	-1.32	0.00	36.86	63.14	39.52	0.00	.58
FALL	IV	1	ASCV	7	4.36	3.58	1.46	.70	73.17	9.06	17.77	12.31	2.73	.51
FALL	IV	2	ASDT	1	9.26	3.07	-.35	-.80	5.44	30.40	64.15	40.70	.06	.47
FALL	IV	2	ASDV	2	8.05	3.74	-.12	-1.25	18.32	30.72	50.96	33.26	.22	.60
FALL	IV	2	ASDX	3	9.05	3.13	-.22	-1.05	5.39	34.08	60.53	38.29	.06	.56
FALL	IV	2	ASDZ	4	8.56	3.33	-.11	-1.17	8.28	35.81	55.91	34.37	.09	.64
FALL	IV	2	ASEB	5	8.23	3.63	-.14	-1.18	14.63	32.99	52.38	33.87	.17	.63
FALL	IV	2	ASED	6	8.98	3.33	-.39	-.90	10.56	27.16	62.28	39.06	.12	.44
FALL	IV	2	ASES	7	8.84	3.24	-.20	-1.09	7.54	33.84	58.63	36.51	.08	.58
FALL	IV	3	ASFT	1	5.62	3.92	.82	-.87	56.13	15.60	28.27	18.45	1.28	.55
FALL	IV	3	ASFV	2	5.24	3.89	.94	-.63	61.74	12.56	25.70	16.18	1.61	.49
FALL	IV	3	ASFX	3	6.48	4.27	.28	-1.39	44.41	16.16	39.43	26.48	.80	.41
FALL	IV	3	ASGF	4	5.10	3.83	1.07	-.42	64.02	12.05	23.93	16.12	1.78	.50
FALL	IV	3	ASGA	5	5.70	4.15	.64	-1.13	54.59	13.56	31.85	19.63	1.20	.43
FALL	IV	3	ASGC	6	6.10	4.02	.59	-1.21	50.24	16.75	33.01	21.50	1.01	.51
FALL	IV	3	ASGR	7	6.91	4.09	.22	-1.44	39.15	19.02	41.83	27.13	.64	.45
FALL	IV	4	ASHL	1	3.63	2.59	2.60	5.94	86.40	5.32	8.28	4.91	6.35	.64
FALL	IV	4	ASHN	2	4.13	2.94	2.10	3.08	80.90	6.95	12.14	7.82	4.24	.57
FALL	IV	4	ASHP	3	4.11	3.13	1.85	2.17	79.29	7.11	13.60	8.35	3.83	.52
FALL	IV	4	ASHR	4	4.34	3.01	1.87	2.24	75.62	10.65	13.73	7.35	3.10	.78
FALL	IV	4	ASHT	5	3.96	3.34	1.62	1.57	78.25	7.41	14.34	8.41	3.60	.52
FALL	IV	4	ASHV	6	3.30	2.83	2.45	5.00	86.19	4.68	9.13	5.46	6.24	.51

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	IV	4	ASII	7	3.71	2.82	2.34	4.32	83.82	6.13	10.05	5.96	5.18	.61
FALL	IV	5	ASIV	1	7.58	3.97	.00	-1.43	28.69	23.53	47.77	31.14	.40	.49
FALL	IV	5	ASIX	2	5.81	4.02	.71	-1.07	52.11	16.59	31.30	19.78	1.09	.53
FALL	IV	5	ASIZ	3	5.74	3.72	.58	-1.03	47.84	19.46	32.70	5.52	.92	.60
FALL	IV	5	ASJB	4	5.03	3.79	1.17	-.17	62.31	15.81	21.88	18.57	1.65	.72
FALL	IV	5	ASJD	5	6.75	4.04	.31	-1.37	37.64	25.25	37.12	25.92	.60	.68
FALL	IV	5	ASJF	6	7.21	3.55	.41	-1.17	16.34	44.66	39.00	24.07	.20	1.15
FALL	IV	5	ASJS	7	7.86	3.94	-.13	-1.36	25.13	22.74	52.13	33.45	.34	.44
FALL	IV	6	ASKF	1	6.45	4.21	.36	-1.42	45.76	16.26	37.98	25.29	.84	.43
FALL	IV	6	ASKH	2	6.14	4.11	.54	-1.30	51.61	12.99	35.40	22.28	1.07	.37
FALL	IV	6	ASKJ	3	5.11	4.01	.93	-.69	62.53	11.33	26.14	17.07	1.67	.43
FALL	IV	6	ASKL	4	5.68	3.98	.77	-.97	56.73	13.26	30.01	20.05	1.31	.44
FALL	IV	6	ASKN	5	5.67	4.03	.75	-1.00	57.21	13.15	29.65	19.76	1.34	.44
FALL	IV	6	ASKP	6	5.40	3.99	.87	-.84	60.28	12.11	27.61	17.77	1.52	.44
FALL	IV	6	ASLC	7	6.85	4.10	.29	-1.47	42.37	16.46	41.17	27.12	.74	.40
FALL	IV	7	ASLP	1	9.62	2.67	-.21	-.95	1.28	28.95	69.77	38.32	.01	.42
FALL	IV	7	ASLR	2	9.82	2.54	-.12	-1.12	0.00	27.92	72.08	43.91	0.00	.39
FALL	IV	7	ASLT	3	9.81	2.55	-.16	-1.05	.62	27.86	71.52	41.28	.01	.39
FALL	IV	7	ASLV	4	9.77	2.60	-.14	-1.15	.37	28.57	71.07	44.38	.00	.40
FALL	IV	7	ASLX	5	9.67	2.65	-.17	-1.05	1.45	29.56	68.99	41.56	.01	.43
FALL	IV	7	ASLZ	6	9.66	2.64	-.15	-1.08	.99	29.48	69.53	40.41	.01	.42
FALL	IV	7	ASMM	7	9.72	2.57	-.12	-1.08	.66	28.73	70.61	40.26	.01	.41
WINTER	I	1	AHAB	1	6.00	3.56	.92	-.64	47.43	25.82	26.75	17.35	.90	.97
WINTER	I	1	AHAD	2	7.60	3.72	.21	-1.44	27.79	28.13	44.08	30.69	.38	.64
WINTER	I	1	AHAF	3	7.05	3.64	.50	-1.26	31.33	32.98	35.70	25.16	.46	.92
WINTER	I	1	AHAH	4	7.58	3.74	.22	-1.45	28.05	27.47	44.48	31.95	.39	.62
WINTER	I	1	AHAJ	5	5.53	3.42	1.13	-.17	59.42	17.15	23.42	12.30	1.46	.73
WINTER	I	1	AHAL	6	5.90	3.60	.98	-.60	54.86	18.38	26.76	18.29	1.22	.69

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	1	AHAN	7	5.51	3.42	1.24	.02	63.57	14.25	22.18	15.40	1.74	.64
WINTER	I	2	AHBX	1	7.94	3.46	.20	-1.33	18.97	36.17	44.86	31.49	.23	.81
WINTER	I	2	AHBZ	2	7.56	3.56	.36	-1.38	25.52	32.78	41.70	29.20	.34	.79
WINTER	I	2	AHCB	3	8.08	3.56	.03	-1.31	17.09	33.71	49.20	32.63	.21	.69
WINTER	I	2	AHCD	4	8.45	3.39	.03	-1.40	12.72	35.48	51.81	36.80	.15	.68
WINTER	I	2	AHCF	5	5.53	3.42	1.13	-.17	59.42	17.15	23.42	12.30	1.46	.73
WINTER	I	2	AHCH	6	7.64	3.55	.30	-1.39	22.80	32.43	44.77	29.13	.30	.72
WINTER	I	2	AHCJ	7	7.44	3.48	.44	-1.28	24.56	35.92	39.52	27.31	.33	.91
WINTER	I	3	AHDF	1	9.46	3.03	-.35	-1.03	4.74	30.93	64.32	44.46	.05	.48
WINTER	I	3	AHDI	2	9.45	3.04	-.38	-.96	5.47	27.75	66.79	43.44	.06	.42
WINTER	I	3	AHDK	3	9.47	3.04	-.37	-1.00	5.49	29.02	65.48	45.09	.06	.44
WINTER	I	3	AHDM	4	9.18	3.20	-.31	-1.14	8.95	27.73	63.32	41.46	.10	.44
WINTER	I	3	AHDO	5	9.40	3.07	-.36	-1.02	6.01	28.54	65.46	43.84	.06	.44
WINTER	I	3	AHDQ	6	9.35	3.10	-.34	-1.06	7.09	28.58	64.33	43.53	.08	.44
WINTER	I	3	AHDS	7	9.35	3.04	-.34	-.98	6.96	27.77	65.27	41.12	.07	.43
WINTER	I	4	AHSK	1	4.58	3.06	1.88	2.09	77.14	8.44	14.42	10.12	3.37	.59
WINTER	I	4	AHSL	2	4.76	3.25	1.67	1.27	76.79	6.15	17.06	11.72	3.31	.36
WINTER	I	4	AHSM	3	5.85	3.78	.87	-.79	52.22	20.07	27.71	19.73	1.09	.72
WINTER	I	4	AHSN	4	5.15	3.51	1.33	.18	71.33	7.36	21.31	14.75	2.49	.35
WINTER	I	4	AHSO	5	4.39	2.94	2.06	2.84	81.21	5.55	13.24	8.58	4.32	.42
WINTER	I	4	AHSP	6	4.20	2.78	2.34	4.11	85.35	3.80	10.85	7.65	5.83	.35
WINTER	I	4	AHSQ	7	4.44	3.08	1.91	2.24	76.85	9.31	13.84	9.76	3.32	.67
WINTER	I	5	AHSI	1	10.31	2.39	-.32	-.98	.49	22.40	77.11	52.48	.00	.29
WINTER	I	5	AHSU	2	10.48	2.38	-.48	-.79	.23	19.49	80.29	57.76	.00	.24
WINTER	I	5	AHSV	3	9.22	3.18	-.37	-1.01	10.50	24.77	64.73	40.59	.12	.38
WINTER	I	5	AHSW	4	9.99	2.69	-.41	-.92	1.57	25.73	72.69	49.91	.02	.35
WINTER	I	5	AHSX	5	10.13	2.62	-.46	-.77	1.43	24.06	74.51	53.20	.01	.32
WINTER	I	5	AHSY	6	10.20	2.55	-.42	-.84	.80	22.66	76.54	55.30	.01	.30

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	5	AHSZ	7	10.21	2.46	-.37	-.83	.64	21.92	77.44	50.56	.01	.28
WINTER	I	6	AHTC	1	7.87	3.35	.17	-1.27	17.29	36.89	45.82	22.39	.21	.81
WINTER	I	6	AHTD	2	7.81	3.50	.26	-1.38	18.18	37.84	43.98	30.35	.22	.86
WINTER	I	6	AHTE	3	7.63	3.55	.35	-1.38	19.99	40.93	39.09	30.02	.25	1.05
WINTER	I	6	AHTF	4	6.21	3.58	.87	-.76	35.38	36.08	28.54	20.41	.55	1.26
WINTER	I	6	AHTG	5	8.00	3.52	.16	-1.40	17.59	35.93	46.47	32.47	.21	.77
WINTER	I	6	AHTH	6	8.22	3.47	.12	-1.45	13.46	37.45	49.09	34.84	.16	.76
WINTER	I	6	AHTI	7	7.75	3.43	.32	-1.34	16.50	40.61	42.89	27.88	.20	.95
WINTER	II	1	AHHU	1	9.40	2.69	-.13	-1.27	1.02	35.96	63.02	43.56	.01	.57
WINTER	II	1	AHHW	2	8.45	3.35	.07	-1.43	8.64	39.80	51.56	36.18	.09	.77
WINTER	II	1	AHHY	3	8.61	3.30	.03	-1.40	6.96	44.02	49.02	37.33	.07	.90
WINTER	II	1	AHIA	4	7.23	3.48	.43	-1.18	25.94	35.24	38.81	22.56	.35	.91
WINTER	II	1	AHIC	5	8.60	3.16	.12	-1.38	14.68	32.22	53.10	34.20	.17	.61
WINTER	II	1	AHIE	6	7.80	3.55	.20	-1.38	23.50	31.27	45.23	30.18	.31	.69
WINTER	II	1	AHIG	7	8.09	3.42	.16	-1.39	13.36	38.99	47.65	31.84	.15	.82
WINTER	II	2	AHJP	1	7.09	3.55	.54	-1.22	29.91	32.76	37.33	24.62	.43	.88
WINTER	II	2	AHJR	2	8.00	3.52	.18	-1.44	18.10	34.87	47.03	33.00	.22	.74
WINTER	II	2	AHJT	3	7.40	3.50	.46	-1.30	19.76	41.31	38.93	26.92	.25	1.06
WINTER	II	2	AHJV	4	8.39	3.12	.19	-1.28	4.53	44.85	50.62	29.42	.05	.89
WINTER	II	2	AHJX	5	8.35	3.40	.06	-1.40	12.25	36.67	51.08	34.18	.14	.72
WINTER	II	2	AHJZ	6	7.87	3.41	.32	-1.38	11.51	43.53	44.96	31.08	.13	.97
WINTER	II	2	AHKB	7	7.10	3.40	.66	-1.09	18.75	46.25	35.00	23.37	.23	1.32
WINTER	II	3	AHLA	1	9.77	2.80	-.34	-1.02	1.85	29.03	69.12	48.08	.02	.42
WINTER	II	3	AHLC	2	9.75	2.88	-.44	-.91	2.03	27.17	70.80	47.44	.02	.38
WINTER	II	3	AHLE	3	9.67	2.87	-.36	-1.00	1.79	29.10	69.12	45.29	.02	.42
WINTER	II	3	AHLG	4	9.71	2.86	-.40	-.89	2.39	27.65	69.96	45.55	.02	.40
WINTER	II	3	AHLI	5	9.65	2.85	-.37	-.90	3.57	27.16	69.28	44.58	.04	.39
WINTER	II	3	AHLK	6	9.77	2.82	-.31	-1.10	1.22	30.10	68.69	51.62	.01	.44

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	II	3	AHLM	7	9.42	3.03	-.31	-1.10	4.32	30.96	64.72	43.89	.05	.48
WINTER	II	4	AHRT	1	7.56	3.34	.52	-1.24	10.38	50.75	38.87	27.26	.12	1.31
WINTER	II	4	AHRU	2	7.81	3.47	.33	-1.43	11.02	44.50	44.48	31.01	.12	1.00
WINTER	II	4	AHRV	3	7.00	3.51	.63	-1.15	25.62	39.14	35.23	23.96	.34	1.11
WINTER	II	4	AHRW	4	6.52	3.43	.89	-.76	29.08	41.40	29.52	20.68	.41	1.40
WINTER	II	4	AHRX	5	8.13	3.42	.18	-1.44	10.99	40.19	48.82	32.70	.12	.82
WINTER	II	4	AHRY	6	8.22	3.40	.16	-1.44	8.53	43.01	48.46	33.82	.09	.89
WINTER	II	4	AHRZ	7	7.42	3.41	.53	-1.26	10.86	50.09	39.05	26.95	.12	1.28
WINTER	II	5	AHNN	1	8.98	3.25	-.19	-1.27	8.53	32.70	58.76	40.40	.09	.56
WINTER	II	5	AHNP	2	9.16	3.17	-.25	-1.23	5.56	27.60	66.84	43.14	.06	.41
WINTER	II	5	AHNR	3	8.39	3.43	.09	-1.50	7.40	41.69	50.91	37.58	.08	.82
WINTER	II	5	AHNT	4	9.18	3.00	-.12	-1.26	2.75	35.12	62.13	40.23	.03	.57
WINTER	II	5	AHNV	5	9.05	3.15	-.12	-1.33	2.78	38.91	58.30	41.12	.03	.67
WINTER	II	5	AHNX	6	7.68	3.35	.39	-1.28	13.04	44.24	42.72	25.90	.15	1.04
WINTER	II	5	AHNZ	7	8.53	3.27	.06	-1.40	5.65	40.91	53.44	34.38	.06	.77
WINTER	II	6	AHPA	1	9.77	2.87	-.33	-1.15	.78	31.22	68.00	52.68	.01	.46
WINTER	II	6	AHPC	2	9.71	2.86	-.29	-1.19	.63	31.75	67.62	48.88	.01	.47
WINTER	II	6	AHPE	3	9.78	2.79	-.33	-1.03	1.31	29.91	68.78	48.23	.01	.43
WINTER	II	6	AHPG	4	9.09	2.96	-.09	-1.12	3.31	36.25	60.44	36.33	.03	.60
WINTER	II	6	AHPI	5	9.77	2.74	-.25	-1.17	.71	30.17	69.11	48.34	.01	.44
WINTER	II	6	AHPK	6	9.70	2.85	-.32	-1.07	2.95	29.03	68.03	48.29	.03	.43
WINTER	II	6	AHPM	7	9.47	2.89	-.20	-1.19	1.94	34.04	64.02	42.72	.02	.53
WINTER	III	1	AHTM	1	7.72	3.52	.34	-1.42	14.58	42.66	42.76	32.03	.17	1.00
WINTER	III	1	AHTO	2	8.95	3.26	-.13	-1.37	5.23	36.27	58.51	41.70	.06	.62
WINTER	III	1	AHTQ	3	7.67	3.54	.34	-1.40	18.23	42.82	38.95	30.85	.22	1.10
WINTER	III	1	AHTS	4	8.29	3.43	.12	-1.48	8.92	41.15	49.93	35.24	.10	.82
WINTER	III	1	AHTV	5	8.74	3.28	-.04	-1.40	6.03	37.76	56.21	38.63	.06	.67
WINTER	III	1	AHTY	6	8.48	3.37	.06	-1.46	6.83	40.68	52.49	37.00	.07	.77

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	1	AHUA	7	8.71	3.23	-.01	-1.35	6.46	38.79	54.75	37.08	.07	.71
WINTER	III	2	AHZH	1	8.02	3.40	.25	-1.41	10.76	43.07	46.16	31.27	.12	.93
WINTER	III	2	AHZN	2	8.94	3.20	-.14	-1.35	3.45	35.99	60.57	35.11	.04	.59
WINTER	III	2	AHZR	3	9.26	2.98	-.10	-1.34	.33	39.12	60.54	42.25	.00	.65
WINTER	III	2	AHZW	4	8.79	2.97	.18	-1.32	1.40	47.81	50.79	37.01	.01	.94
WINTER	III	2	AHZY	5	9.24	2.98	-.05	-1.40	.51	39.22	60.27	42.15	.01	.65
WINTER	III	2	AUSU	6	8.91	3.16	-.01	-1.44	1.11	42.33	56.56	39.83	.01	.75
WINTER	III	2	AIAB	7	9.23	2.95	-.08	-1.26	1.42	38.05	60.52	40.53	.01	.63
WINTER	III	3	AIBC	1	9.43	2.80	-.17	-1.03	2.56	32.19	65.25	38.80	.03	.49
WINTER	III	3	AIBH	2	9.47	2.88	-.17	-1.25	.75	35.48	63.78	43.24	.01	.56
WINTER	III	3	AIBM	3	9.23	3.13	-.21	-1.28	.33	38.44	61.23	44.15	.00	.63
WINTER	III	3	AIBR	4	9.52	2.85	-.20	-1.20	1.19	32.90	65.91	42.63	.01	.50
WINTER	III	3	AIBT	5	9.55	2.90	-.24	-1.21	.96	32.39	66.66	45.73	.01	.49
WINTER	III	3	AIBV	6	9.68	2.90	-.29	-1.22	.84	32.58	66.57	50.52	.01	.49
WINTER	III	3	AIBX	7	9.75	2.78	-.32	-1.04	1.24	28.09	70.67	45.92	.01	.40
WINTER	III	4	AICY	1	4.13	1.95	3.81	13.57	88.68	5.97	5.35	3.66	7.84	1.12
WINTER	III	4	AIDA	2	4.25	2.41	2.87	6.99	89.00	2.73	8.27	6.28	8.09	.33
WINTER	III	4	AIDC	3	4.15	2.01	3.65	12.42	85.93	8.44	5.63	4.20	6.11	1.50
WINTER	III	4	AIDE	4	4.26	2.35	2.94	7.42	89.54	2.26	8.19	5.92	8.56	.28
WINTER	III	4	AIDG	5	4.26	2.16	3.41	10.38	81.91	12.03	6.05	5.87	4.53	1.99
WINTER	III	4	AIDI	6	4.48	2.26	3.06	8.15	70.34	21.83	7.83	6.50	2.37	2.79
WINTER	III	4	AIDT	7	5.37	3.30	1.42	.44	69.44	9.82	20.74	14.10	2.27	.47
WINTER	III	5	AIEQ	1	9.34	3.01	-.24	-1.16	4.73	31.86	63.41	42.90	.05	.50
WINTER	III	5	AIEV	2	9.42	3.05	-.28	-1.21	1.87	31.93	66.20	45.21	.02	.48
WINTER	III	5	AIFA	3	8.96	3.32	-.23	-1.22	8.56	32.30	59.14	43.12	.09	.55
WINTER	III	5	AIFF	4	9.19	3.20	-.25	-1.27	5.86	31.33	62.82	43.27	.06	.50
WINTER	III	5	AIFH	5	9.49	2.95	-.28	-1.12	2.72	32.02	65.26	43.97	.03	.49
WINTER	III	5	AIFJ	6	8.72	3.25	-.00	-1.42	3.98	40.30	55.72	37.59	.04	.72

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	5	AIFL	7	8.92	3.16	-.08	-1.33	4.10	37.16	58.74	37.55	.04	.63
WINTER	III	6	AIGI	1	10.01	2.84	-.47	-1.05	.44	27.67	71.89	58.24	.00	.38
WINTER	III	6	AIGN	2	9.79	2.73	-.28	-1.10	.28	29.51	70.20	45.78	.00	.42
WINTER	III	6	AIGS	3	9.92	2.79	-.38	-1.07	1.67	28.41	69.92	54.95	.02	.41
WINTER	III	6	AIGX	4	9.91	2.74	-.42	-.96	.72	27.12	72.16	45.14	.01	.38
WINTER	III	6	AIGZ	5	9.81	2.74	-.33	-1.05	1.08	28.91	70.01	45.42	.01	.41
WINTER	III	6	AIHB	6	9.74	2.81	-.32	-1.12	.70	30.35	68.95	45.84	.01	.44
WINTER	III	6	AIHD	7	9.66	2.80	-.30	-1.03	1.34	29.57	69.09	42.63	.01	.43
WINTER	IV	1	AIIA	1	4.40	3.21	1.81	1.81	77.00	8.46	14.54	10.77	3.35	.58
WINTER	IV	1	AIIF	2	4.79	3.48	1.44	.56	69.83	11.20	18.98	13.33	2.31	.59
WINTER	IV	1	AIIK	3	4.77	3.31	1.58	1.05	72.52	11.14	16.34	12.36	2.64	.68
WINTER	IV	1	AIIP	4	4.74	3.52	1.39	.43	72.00	8.29	19.71	12.04	2.57	.42
WINTER	IV	1	AIIR	5	4.54	3.26	1.68	1.41	71.59	12.12	16.29	11.06	2.52	.74
WINTER	IV	1	AIIT	6	4.31	3.17	1.87	2.04	79.27	6.28	14.45	10.21	3.82	.43
WINTER	IV	1	AIIV	7	4.69	3.43	1.50	.75	72.15	9.38	18.46	12.13	2.59	.51
WINTER	IV	2	AIKG	1	9.21	3.21	-.32	-1.14	8.57	28.23	63.20	44.14	.09	.45
WINTER	IV	2	AIKM	2	8.64	3.52	-.18	-1.30	13.39	31.82	54.79	40.07	.15	.58
WINTER	IV	2	AIKR	3	9.50	3.00	-.35	-.99	3.57	31.15	65.28	45.66	.04	.48
WINTER	IV	2	AIKW	4	9.63	2.92	-.40	-.89	2.72	29.37	67.91	45.59	.03	.43
WINTER	IV	2	AIKY	5	9.33	3.14	-.33	-1.07	4.66	32.07	63.27	45.57	.05	.51
WINTER	IV	2	AILA	6	9.07	3.41	-.37	-1.10	9.14	29.42	61.44	45.61	.10	.48
WINTER	IV	2	AILC	7	8.82	3.33	-.15	-1.27	7.21	35.46	57.33	40.57	.08	.62
WINTER	IV	3	AILW	1	6.50	4.15	.41	-1.43	47.34	15.14	37.52	25.72	.90	.40
WINTER	IV	3	AIMB	2	6.75	4.05	.37	-1.44	45.40	15.50	39.10	26.68	.83	.40
WINTER	IV	3	AIMG	3	5.84	3.87	.81	-.93	56.40	13.52	30.08	19.19	1.29	.45
WINTER	IV	3	AIML	4	5.48	3.65	.80	-.75	58.10	13.84	28.06	6.23	1.39	.49
WINTER	IV	3	AIMN	5	6.24	3.67	.46	-1.20	45.90	17.45	36.65	6.16	.85	.48
WINTER	IV	3	AIMP	6	5.40	3.89	.95	-.65	61.34	12.89	25.77	18.20	1.59	.50

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	3	AIMR	7	6.22	3.98	.61	-1.22	52.63	14.02	33.35	22.58	1.11	.42
WINTER	IV	4	AINV	1	3.94	2.54	2.56	5.68	79.47	11.65	8.88	4.98	3.87	1.31
WINTER	IV	4	AINZ	2	4.14	2.86	2.16	3.44	80.98	7.20	11.81	7.22	4.26	.61
WINTER	IV	4	AIOE	3	9.76	2.67	-.24	-1.05	.51	28.51	70.98	44.38	.01	.40
WINTER	IV	4	AIOJ	4	4.47	3.21	1.81	1.79	75.51	9.58	14.92	11.21	3.08	.64
WINTER	IV	4	AIOL	5	3.48	2.35	3.18	9.18	90.66	2.90	6.44	4.29	9.71	.45
WINTER	IV	4	AION	6	4.26	3.09	1.86	2.13	79.90	6.06	14.05	8.12	3.97	.43
WINTER	IV	4	AIOP	7	4.02	2.81	2.26	3.89	84.20	4.63	11.17	6.71	5.33	.41
WINTER	IV	5	AIPM	1	7.24	4.03	.16	-1.50	35.22	21.10	43.68	29.81	.54	.48
WINTER	IV	5	AIPR	2	7.14	4.05	.22	-1.50	35.00	21.83	43.17	29.99	.54	.51
WINTER	IV	5	AIPW	3	7.62	3.99	-.01	-1.47	29.31	21.99	48.70	31.01	.41	.45
WINTER	IV	5	AIQB	4	6.18	4.07	.56	-1.26	48.58	18.21	33.20	22.49	.94	.55
WINTER	IV	5	AIQD	5	6.99	3.95	.30	-1.42	36.31	23.09	40.60	26.36	.57	.57
WINTER	IV	5	AIQF	6	5.72	4.01	.69	-1.04	52.87	16.52	30.61	18.53	1.12	.54
WINTER	IV	5	AIQH	7	6.73	3.71	.52	-1.17	33.15	31.71	35.15	22.63	.50	.90
WINTER	IV	6	AIRD	1	6.33	4.21	.44	-1.40	49.21	13.72	37.07	26.94	.97	.37
WINTER	IV	6	AIRI	2	6.08	4.04	.64	-1.20	53.50	13.64	32.86	23.12	1.15	.42
WINTER	IV	6	AIRN	3	4.74	3.68	1.28	.18	71.91	8.08	20.01	14.03	2.56	.40
WINTER	IV	6	AIRS	4	5.94	4.05	.70	-1.14	56.27	13.48	30.25	22.39	1.29	.45
WINTER	IV	6	AIRU	5	5.66	4.13	.73	-1.09	57.69	11.31	31.00	20.98	1.36	.36
WINTER	IV	6	AIRW	6	6.72	4.11	.38	-1.47	45.95	14.99	39.06	27.91	.85	.38
WINTER	IV	6	AIRY	7	6.90	4.12	.27	-1.50	41.34	17.42	41.25	27.61	.70	.42
WINTER	IV	7	AITE	1	10.12	2.58	-.38	-.96	.33	24.75	74.92	51.95	.00	.33
WINTER	IV	7	AITJ	2	10.24	2.47	-.34	-1.06	.30	21.39	78.31	52.50	.00	.27
WINTER	IV	7	AITO	3	10.02	2.61	-.39	-.88	.32	25.72	73.95	46.68	.00	.35
WINTER	IV	7	AITT	4	9.54	2.60	-.03	-1.12	.26	32.30	67.44	36.58	.00	.48
WINTER	IV	7	AITV	5	9.79	2.58	-.21	-1.02	.85	26.70	72.45	38.37	.01	.37
WINTER	IV	7	AITX	6	9.93	2.63	-.32	-.97	.40	27.00	72.60	46.90	.00	.37

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	7	AITZ	7	9.98	2.56	-.26	-1.04	.41	26.20	73.39	47.36	.00	.36
SPRING	I	1	ALXF	1	5.67	3.39	1.19	-.08	52.03	24.87	23.10	15.72	1.08	1.08
SPRING	I	1	ALXH	2	6.20	3.55	.86	-.76	46.92	24.74	28.34	18.87	.88	.87
SPRING	I	1	ALXJ	3	6.10	3.45	.96	-.53	42.30	31.38	26.32	17.53	.73	1.19
SPRING	I	1	ALXL	4	6.61	3.65	.64	-1.12	40.67	24.36	34.98	20.87	.69	.70
SPRING	I	1	ALXN	5	6.00	3.48	.96	-.53	47.27	26.61	26.12	17.18	.90	1.02
SPRING	I	1	ALXP	6	6.23	3.48	.90	-.68	42.83	28.85	28.32	18.49	.75	1.02
SPRING	I	1	ANTQ	7	6.34	3.44	.88	-.67	38.51	33.95	27.54	18.91	.63	1.23
SPRING	I	2	ALXG	1	7.93	3.33	.24	-1.29	16.48	37.72	45.79	26.69	.20	.82
SPRING	I	2	ALZI	2	8.15	3.24	.24	-1.31	9.17	43.51	47.31	28.86	.10	.92
SPRING	I	2	ALZK	3	7.88	3.46	.25	-1.39	16.85	36.59	46.56	29.96	.20	.79
SPRING	I	2	ALZM	4	7.36	3.48	.44	-1.27	25.46	34.35	40.18	24.68	.34	.85
SPRING	I	2	ALZO	5	7.69	3.40	.35	-1.30	18.29	39.63	42.07	27.33	.22	.94
SPRING	I	2	ALZQ	6	8.21	3.30	.18	-1.33	11.65	40.55	47.80	31.43	.13	.85
SPRING	I	2	ANTR	7	7.45	3.50	.41	-1.30	25.70	33.64	40.66	26.57	.35	.83
SPRING	I	3	AMBC	1	8.90	3.25	-.19	-1.24	7.29	31.45	61.26	37.35	.08	.51
SPRING	I	3	AMBE	2	9.24	3.03	-.36	-.84	7.69	25.12	67.20	35.10	.08	.37
SPRING	I	3	AMBG	3	9.22	3.15	-.42	-.86	9.23	24.66	66.11	35.30	.10	.37
SPRING	I	3	AMBI	4	8.91	3.21	-.23	-1.07	9.86	31.12	59.02	36.29	.11	.53
SPRING	I	3	AMBK	5	9.26	3.07	-.31	-1.00	6.38	28.22	65.39	39.97	.07	.43
SPRING	I	3	AMBM	6	9.43	3.00	-.36	-.98	4.42	27.36	68.22	41.60	.05	.40
SPRING	I	3	ANTS	7	9.20	3.12	-.35	-.96	7.91	26.16	65.93	38.18	.09	.40
SPRING	I	4	AMCY	1	5.27	3.42	1.28	.16	63.81	14.99	21.20	13.48	1.76	.71
SPRING	I	4	AMDA	2	5.61	3.64	1.04	-.47	61.08	13.15	25.76	16.79	1.57	.51
SPRING	I	4	AMDC	3	5.01	3.34	1.47	.68	67.24	13.84	18.92	12.85	2.05	.73
SPRING	I	4	AMDE	4	5.74	3.62	1.02	-.54	58.00	15.48	26.52	17.29	1.38	.58
SPRING	I	4	AMDG	5	4.74	3.24	1.63	1.22	72.21	11.29	16.51	11.30	2.60	.68
SPRING	I	4	AMDI	6	6.50	3.83	.59	-1.23	50.06	15.01	34.93	22.67	1.00	.43

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	I	4	ANTT	7	5.07	3.24	1.53	.86	66.23	15.28	18.49	12.17	1.96	.83
SPRING	I	4	AMES	1	9.19	3.15	-.32	-1.03	9.99	26.68	63.33	41.61	.11	.42
SPRING	I	5	AMEU	2	8.21	3.39	.06	-1.30	18.69	31.07	50.24	30.55	.23	.62
SPRING	I	5	AMEW	3	8.00	3.45	.17	-1.37	17.69	34.78	47.53	30.43	.21	.73
SPRING	I	5	AMEY	4	8.20	3.41	.11	-1.37	15.62	35.27	49.11	32.50	.19	.72
SPRING	I	5	AMFA	5	9.48	2.93	-.36	-.84	6.23	26.63	67.13	41.72	.07	.40
SPRING	I	5	AMFC	6	9.84	2.68	-.33	-.88	1.99	26.12	71.89	46.25	.02	.36
SPRING	I	5	ANTU	7	10.02	2.53	-.31	-.86	1.48	24.13	74.39	46.08	.02	.32
SPRING	I	6	AMGM	1	7.67	3.42	.32	-1.28	19.24	38.24	42.53	26.00	.24	.90
SPRING	I	6	AMGO	2	7.74	3.38	.30	-1.27	17.16	39.78	43.06	26.37	.21	.92
SPRING	I	6	AMGQ	3	7.90	3.36	.27	-1.31	14.59	41.05	44.36	28.81	.17	.93
SPRING	I	6	AMGS	4	7.87	3.42	.26	-1.34	15.33	40.42	44.25	29.28	.18	.91
SPRING	I	6	AMGU	5	7.57	3.41	.37	-1.26	19.36	39.35	41.28	24.95	.24	.95
SPRING	I	6	AMGW	6	7.60	3.47	.32	-1.31	20.18	37.42	42.40	26.52	.25	.88
SPRING	I	6	ANTV	7	7.83	3.36	.32	-1.31	11.41	45.08	43.50	27.49	.13	1.04
SPRING	II	1	AMIF	1	7.66	3.29	.43	-1.21	12.12	47.18	40.70	25.01	.14	1.16
SPRING	II	1	AMIH	2	7.89	3.38	.25	-1.34	14.35	39.59	46.06	26.79	.17	.86
SPRING	II	1	AMIJ	3	7.08	3.35	.71	-1.02	16.53	49.00	34.48	23.15	.20	1.42
SPRING	II	1	AMIL	4	7.91	3.43	.24	-1.39	14.48	39.52	46.00	29.86	.17	.86
SPRING	II	1	AMIN	5	6.14	3.09	1.28	.16	21.59	55.48	22.93	15.45	.28	2.42
SPRING	II	1	AMIP	6	5.75	2.79	1.69	1.52	20.20	62.76	17.04	11.47	.25	3.68
SPRING	II	1	ANTW	7	7.31	3.30	.60	-1.09	13.97	49.12	36.91	22.64	.16	1.33
SPRING	II	2	AMKG	1	7.83	3.32	.37	-1.32	8.01	48.69	43.29	27.13	.09	1.12
SPRING	II	2	AMKI	2	7.89	3.27	.33	-1.29	8.43	46.55	45.02	26.29	.09	1.03
SPRING	II	2	AMKK	3	7.29	3.34	.60	-1.14	12.57	49.59	37.84	23.09	.14	1.31
SPRING	II	2	AMKM	4	7.69	3.33	.42	-1.28	10.45	47.31	42.24	25.80	.12	1.12
SPRING	II	2	AMKO	5	7.78	3.38	.37	-1.34	7.74	49.68	42.58	28.35	.08	1.17
SPRING	II	2	AMKQ	6	7.54	3.38	.43	-1.26	16.74	42.31	40.95	24.64	.20	1.03

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	2	ANTX	7	7.71	3.42	.37	-1.33	14.37	41.62	44.01	30.82	.17	.95
SPRING	II	3	AMMH	1	9.15	3.07	-.16	-1.24	3.69	34.96	61.35	39.88	.04	.57
SPRING	II	3	AMMJ	2	8.98	3.05	-.11	-1.18	5.28	33.75	60.97	35.68	.06	.55
SPRING	II	3	AMML	3	8.73	3.34	-.19	-1.20	12.29	28.77	58.94	36.84	.14	.49
SPRING	II	3	AMMN	4	9.58	2.78	-.27	-.96	2.82	29.04	68.14	40.71	.03	.43
SPRING	II	3	AMMP	5	9.13	3.00	-.11	-1.21	2.49	41.05	56.46	37.31	.03	.73
SPRING	II	3	AMMR	6	9.35	3.00	-.31	-1.00	6.03	28.31	65.66	39.71	.06	.43
SPRING	II	3	ANTY	7	9.53	2.85	-.30	-.94	3.41	29.56	67.03	41.34	.04	.44
SPRING	II	4	AMOD	1	6.26	3.27	1.09	-.34	28.33	45.28	26.39	17.39	.40	1.72
SPRING	II	4	AMOF	2	7.71	3.39	.38	-1.35	11.01	45.08	43.91	26.73	.12	1.03
SPRING	II	4	AMOH	3	7.39	3.32	.58	-1.16	8.46	53.46	38.08	24.08	.09	1.40
SPRING	II	4	AMOJ	4	7.02	3.35	.71	-1.00	16.06	49.96	33.98	21.93	.19	1.47
SPRING	II	4	AMOL	5	6.84	3.31	.84	-.82	15.49	53.00	31.51	21.20	.18	1.68
SPRING	II	4	AMON	6	8.05	3.34	.27	-1.40	7.73	45.40	46.86	30.29	.08	.97
SPRING	II	4	ANTZ	7	6.83	3.35	.82	-.87	18.49	49.61	31.90	21.35	.23	1.56
SPRING	II	5	AMPV	1	9.67	2.73	-.19	-1.18	.10	32.17	67.73	43.79	.00	.47
SPRING	II	5	AMPX	2	8.28	3.26	.19	-1.38	5.33	45.34	49.33	31.17	.06	.92
SPRING	II	5	AMPZ	3	8.93	3.11	-.08	-1.28	4.56	37.17	58.26	36.62	.05	.64
SPRING	II	5	AMQB	4	8.91	3.13	-.08	-1.29	4.33	36.71	58.96	36.56	.05	.62
SPRING	II	5	AMQD	5	8.87	3.14	-.05	-1.32	3.87	38.41	57.72	35.81	.04	.67
SPRING	II	5	AMGF	6	8.82	3.20	-.07	-1.30	6.96	35.69	57.35	37.66	.07	.62
SPRING	II	5	ANUA	7	8.47	3.24	.10	-1.38	6.21	41.58	52.21	33.04	.07	.80
SPRING	II	6	AMRN	1	8.50	3.33	.00	-1.35	10.85	35.30	53.85	34.23	.12	.66
SPRING	II	6	AMRP	2	9.10	2.97	-.09	-1.19	1.61	37.75	60.64	36.77	.02	.62
SPRING	II	6	AMRR	3	9.37	2.93	-.18	-1.19	1.84	34.38	63.79	41.85	.02	.54
SPRING	II	6	AMRT	4	8.92	3.08	-.07	-1.24	5.89	35.98	58.13	36.22	.06	.62
SPRING	II	6	AMRV	5	9.01	3.00	-.06	-1.21	3.76	37.48	58.76	35.55	.04	.64
SPRING	II	6	AMRX	6	9.10	3.03	-.14	-1.17	4.90	34.14	60.96	37.42	.05	.56

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	6	ANUB	7	8.99	3.07	-.10	-1.22	4.85	35.91	59.24	37.00	.05	.61
SPRING	III	1	AMWH	1	8.73	3.19	-.00	-1.32	7.78	37.68	54.54	36.35	.08	.69
SPRING	III	1	AMWJ	2	8.19	3.26	.26	-1.38	4.29	48.38	47.34	31.72	.04	1.02
SPRING	III	1	AMWL	3	8.50	3.19	.13	-1.37	3.85	44.70	51.46	32.99	.04	.87
SPRING	III	1	AMWN	4	8.60	3.20	.09	-1.41	2.95	44.20	52.85	34.28	.03	.84
SPRING	III	1	AMWP	5	8.65	3.17	.07	-1.38	3.22	43.92	52.85	34.50	.03	.83
SPRING	III	1	AMWR	6	8.46	3.13	.17	-1.32	4.38	44.37	51.25	30.19	.05	.87
SPRING	III	1	ANUG	7	8.27	3.30	.20	-1.42	4.76	46.26	48.99	32.49	.05	.94
SPRING	III	2	AMYH	1	8.25	3.50	-.03	-1.34	16.21	30.94	52.85	31.30	.19	.59
SPRING	III	2	AMYJ	2	9.28	3.00	-.16	-1.24	2.82	35.40	61.78	42.40	.03	.57
SPRING	III	2	AMYL	3	9.00	3.20	-.26	-1.02	7.11	32.07	60.82	38.48	.08	.53
SPRING	III	2	AMYN	4	9.03	3.08	-.09	-1.28	2.80	36.17	61.03	40.50	.03	.59
SPRING	III	2	AMYP	5	9.17	3.00	-.14	-1.21	2.82	35.40	61.78	38.64	.03	.57
SPRING	III	2	AMYR	6	9.68	2.74	-.26	-1.07	.69	30.00	69.31	42.53	.01	.43
SPRING	III	2	ANUH	7	9.73	2.68	-.21	-1.10	.45	30.05	69.50	43.11	.00	.43
SPRING	III	3	ANAE	1	9.06	2.95	-.06	-1.17	3.04	36.79	60.17	34.70	.03	.61
SPRING	III	3	ANAG	2	9.45	2.85	-.17	-1.16	1.90	33.34	64.76	42.07	.02	.51
SPRING	III	3	ANAI	3	9.78	2.75	-.33	-.98	.81	28.96	70.23	46.12	.01	.41
SPRING	III	3	ANAK	4	9.29	2.95	-.15	-1.20	2.59	34.89	62.52	40.82	.03	.56
SPRING	III	3	ANAM	5	9.33	2.89	-.13	-1.21	1.12	35.00	63.89	39.56	.01	.55
SPRING	III	3	ANAO	6	9.20	2.90	-.08	-1.20	1.55	36.02	62.42	36.95	.02	.58
SPRING	III	3	ANUI	7	8.95	3.04	-.01	-1.29	2.09	40.79	57.13	36.51	.02	.71
SPRING	III	4	ANCA	1	4.58	2.40	2.70	6.06	73.81	16.95	9.24	6.64	2.82	1.83
SPRING	III	4	ANCC	2	4.45	2.21	2.90	7.48	78.28	13.21	8.51	3.47	3.60	1.55
SPRING	III	4	ANCE	3	4.23	1.96	3.75	13.20	79.94	14.89	5.17	4.46	3.99	2.88
SPRING	III	4	ANCG	4	4.02	1.76	4.41	19.11	81.73	14.50	3.77	3.41	4.47	3.84
SPRING	III	4	ANCI	5	4.97	2.70	2.11	3.18	60.26	27.06	12.68	9.16	1.52	2.13
SPRING	III	4	ANCK	6	4.45	2.26	2.99	7.88	73.08	19.37	7.55	5.79	2.72	2.56

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	III	4	ANUJ	7	4.48	2.29	2.91	7.38	74.17	17.57	8.26	5.94	2.87	2.13
SPRING	III	5	ANDU	1	9.03	3.14	-.13	-1.29	4.96	35.13	59.91	39.52	.05	.59
SPRING	III	5	ANDW	2	8.71	3.28	.01	-1.45	4.13	41.39	54.49	39.75	.04	.76
SPRING	III	5	ANDY	3	9.19	3.12	-.23	-1.23	4.33	31.61	64.06	40.12	.05	.49
SPRING	III	5	ANEA	4	9.09	3.11	-.19	-1.25	4.81	35.16	60.04	34.61	.05	.59
SPRING	III	5	ANEC	5	9.29	2.96	-.16	-1.21	1.53	35.12	63.35	40.65	.02	.55
SPRING	III	5	ANEE	6	8.42	3.20	.16	-1.38	3.24	45.51	51.25	31.69	.03	.89
SPRING	III	5	ANUK	7	9.86	2.65	-.27	-1.00	1.76	27.52	70.71	46.96	.02	.39
SPRING	III	6	ANFM	1	9.58	2.80	-.29	-.91	2.54	29.19	68.26	41.06	.03	.43
SPRING	III	6	ANFU	2	9.68	2.70	-.24	-.99	1.53	28.60	69.88	41.67	.02	.41
SPRING	III	6	ANFQ	3	9.56	2.83	-.26	-1.05	2.06	31.08	66.86	42.14	.02	.46
SPRING	III	6	ANFS	4	9.38	2.93	-.24	-1.09	3.51	31.06	65.44	40.29	.04	.47
SPRING	III	6	ANFU	5	9.60	2.80	-.26	-1.03	2.41	29.33	68.26	42.67	.02	.43
SPRING	III	6	ANFW	6	9.53	2.80	-.21	-1.08	1.46	31.52	67.02	41.48	.01	.47
SPRING	III	6	ANUL	7	9.21	2.91	-.06	-1.24	1.85	37.65	60.50	38.66	.02	.62
SPRING	IV	1	ANHE	1	4.48	3.32	1.67	1.32	76.23	7.38	16.39	11.55	3.21	.45
SPRING	IV	1	ANGH	2	4.08	3.08	2.02	2.71	80.97	6.21	12.82	8.92	4.25	.48
SPRING	IV	1	ANHI	3	4.93	3.63	1.24	.09	65.52	13.28	21.20	14.24	1.90	.63
SPRING	IV	1	ANHK	4	3.98	2.80	2.33	4.16	82.16	6.92	10.92	6.93	4.61	.63
SPRING	IV	1	ANHM	5	4.45	3.30	1.67	1.39	72.48	11.50	16.02	10.68	2.63	.72
SPRING	IV	1	ANHO	6	4.43	3.10	1.84	2.03	71.10	14.96	13.95	9.48	2.46	1.07
SPRING	IV	1	ANUM	7	4.63	3.30	1.63	1.23	70.84	13.20	15.96	11.76	2.43	.83
SPRING	IV	2	ANJE	1	7.35	4.06	.11	-1.52	35.05	19.83	45.12	31.11	.54	.44
SPRING	IV	2	ANJG	2	6.11	3.93	.66	-1.14	50.46	17.19	32.35	20.81	1.02	.53
SPRING	IV	2	ANJI	3	6.31	3.96	.55	-1.25	46.33	18.78	34.89	21.68	.86	.54
SPRING	IV	2	ANJK	4	6.65	4.09	.40	-1.43	45.11	16.49	38.41	27.01	.82	.43
SPRING	IV	2	ANJM	5	6.04	3.97	.67	-1.13	51.03	17.46	31.51	21.57	1.04	.55
SPRING	IV	2	ANJO	6	6.48	4.03	.46	-1.36	47.28	15.63	37.09	23.66	.90	.42

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	2	ANUN	7	6.46	4.05	.46	-1.36	46.81	16.47	36.72	24.07	.88	.45
SPRING	IV	3	ANLB	1	9.43	2.90	-.27	-.96	4.74	30.09	65.17	41.07	.05	.46
SPRING	IV	3	ANLD	2	9.75	2.72	-.30	-.90	2.21	27.57	70.22	44.47	.02	.39
SPRING	IV	3	ANLF	3	9.36	2.94	-.28	-.95	4.37	30.75	64.88	39.14	.05	.47
SPRING	IV	3	ANLH	4	9.25	2.99	-.18	-1.16	3.35	34.45	62.20	40.60	.03	.55
SPRING	IV	3	ANLJ	5	9.61	2.77	-.28	-.93	2.60	28.51	68.89	41.05	.03	.41
SPRING	IV	3	ANLL	6	9.41	3.02	-.35	-.90	5.78	28.97	65.25	42.95	.06	.44
SPRING	IV	3	ANUU	7	9.06	3.17	-.33	-.91	10.73	26.43	62.84	37.57	.12	.42
SPRING	IV	4	ANMX	1	4.28	2.93	2.04	2.87	74.21	12.96	12.83	7.71	2.88	1.01
SPRING	IV	4	ANMZ	2	3.84	2.51	2.66	6.29	74.01	17.85	8.14	5.29	2.85	2.19
SPRING	IV	4	ANNB	3	3.74	2.36	2.96	8.10	81.44	12.18	6.37	4.69	4.39	1.91
SPRING	IV	4	ANND	4	4.39	3.04	1.89	2.26	74.56	11.67	13.77	8.86	2.93	.85
SPRING	IV	4	ANNF	5	4.18	2.89	2.12	3.25	78.44	9.54	12.02	7.52	3.64	.79
SPRING	IV	4	ANNH	6	4.06	2.71	2.29	4.32	77.53	12.50	9.96	6.14	3.45	1.26
SPRING	IV	4	ANUP	7	4.52	3.14	1.72	1.64	72.16	12.59	15.25	9.27	2.59	.83
SPRING	IV	5	ANOP	1	8.49	3.49	-.19	-1.18	13.54	31.58	54.88	34.90	.16	.58
SPRING	IV	5	ANOR	2	8.74	3.47	-.30	-1.08	12.47	29.12	58.42	38.81	.14	.50
SPRING	IV	5	ANOT	3	5.75	3.83	.84	-.84	52.00	19.74	28.26	18.68	1.08	.70
SPRING	IV	5	ANOV	4	5.56	3.65	1.00	-.49	56.01	18.81	25.18	16.05	1.27	.75
SPRING	IV	5	ANOX	5	5.26	3.75	1.08	-.39	57.61	18.35	24.04	16.56	1.36	.76
SPRING	IV	5	ANOZ	6	5.61	3.84	.88	-.78	56.11	16.70	27.19	17.49	1.28	.61
SPRING	IV	5	ANUQ	7	5.01	3.70	1.19	-.13	64.63	13.25	22.12	14.92	1.83	.60
SPRING	IV	6	ANQH	1	6.42	3.97	.52	-1.28	45.47	19.28	35.25	23.44	.83	.55
SPRING	IV	6	ANQJ	2	6.70	4.06	.37	-1.43	42.84	18.40	38.76	25.88	.75	.47
SPRING	IV	6	ANQL	3	7.34	3.91	.14	-1.45	32.59	22.50	44.90	28.03	.48	.50
SPRING	IV	6	ANQN	4	6.84	4.04	.30	-1.46	42.43	16.93	40.64	25.51	.74	.42
SPRING	IV	6	ANQP	5	6.57	4.14	.39	-1.43	48.39	13.82	37.79	26.13	.94	.37
SPRING	IV	6	ANQR	6	7.52	3.83	.08	-1.40	29.54	24.14	46.32	28.27	.42	.52

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	6	ANUR	7	5.95	3.93	.71	-1.07	52.14	16.67	31.19	19.75	1.09	.53
SPRING	IV	7	ANRZ	1	9.65	2.65	-.13	-1.12	.85	30.22	68.93	41.37	.01	.44
SPRING	IV	7	ANSB	2	9.61	2.69	-.14	-1.09	1.10	29.76	69.14	43.44	.01	.43
SPRING	IV	7	ANSD	3	9.62	2.66	-.15	-1.07	.67	30.14	69.19	39.65	.01	.44
SPRING	IV	7	ANSF	4	9.62	2.70	-.20	-1.00	2.07	28.90	69.03	40.86	.02	.42
SPRING	IV	7	ANSH	5	5.34	3.01	1.62	1.18	57.76	23.96	18.28	10.92	1.37	1.31
SPRING	IV	7	ANSJ	6	9.58	2.68	-.19	-.95	1.57	29.40	69.02	38.17	.02	.43
SPRING	IV	7	ANUS	7	9.69	2.65	-.17	-1.07	.75	29.74	69.51	41.56	.01	.43
DECEMBER	II	1	AVXZ	1	5.98	3.20	1.22	.05	37.36	40.40	22.24	15.53	.60	1.82
DECEMBER	II	1	AVYC	2	6.36	3.09	1.14	-.08	18.46	56.72	24.83	15.92	.23	2.28
DECEMBER	II	1	AVYF	3	8.27	3.29	.10	-1.28	11.65	38.86	49.49	29.47	.13	.79
DECEMBER	II	1	AVYI	4	8.51	3.35	-.06	-1.26	13.55	33.60	52.85	34.37	.16	.64
DECEMBER	II	1	AVYL	5	7.66	3.16	.54	-1.10	4.49	57.28	38.22	24.11	.05	1.50
DECEMBER	II	1	AVYO	6	7.91	3.43	.19	-1.34	17.40	35.26	47.34	28.05	.21	.74
DECEMBER	II	1	AVYV	7	6.18	3.27	1.08	-.30	32.50	41.77	25.73	16.56	.48	1.62
DECEMBER	II	2	AVZM	1	7.40	3.30	.56	-1.14	11.19	51.17	37.65	23.56	.13	1.36
DECEMBER	II	2	AVZP	2	7.37	3.38	.54	-1.19	14.33	47.73	37.94	25.02	.17	1.26
DECEMBER	II	2	AVZS	3	6.92	3.28	.79	-.85	16.29	51.44	32.27	20.86	.19	1.59
DECEMBER	II	2	AVZV	4	7.65	3.34	.44	-1.27	10.95	46.96	42.09	26.99	.12	1.12
DECEMBER	II	2	AVZY	5	7.16	3.29	.70	-.99	11.44	54.49	34.07	22.88	.13	1.60
DECEMBER	II	2	AWAB	6	6.91	3.37	.75	-.94	19.43	47.66	32.91	22.05	.24	1.45
DECEMBER	II	2	AWAI	7	7.69	3.42	.35	-1.31	13.32	44.45	42.23	27.31	.15	1.05
DECEMBER	II	3	AWAT	1	9.45	2.91	-.27	-1.02	3.57	30.40	66.03	41.05	.04	.46
DECEMBER	II	3	AWAW	2	9.40	2.84	-.20	-1.00	3.17	31.72	65.11	38.44	.03	.49
DECEMBER	II	3	AWAZ	3	9.13	2.98	-.12	-1.18	2.92	35.86	61.22	36.75	.03	.59
DECEMBER	II	3	AWBC	4	9.45	2.83	-.21	-1.04	3.08	30.08	66.84	39.37	.03	.45
DECEMBER	II	3	AWBF	5	9.34	2.88	-.18	-1.09	2.65	33.06	64.30	38.32	.03	.51
DECEMBER	II	3	AWBI	6	9.36	2.79	-.15	-1.02	2.39	32.56	65.05	36.17	.02	.50

TABLE 1

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
DECEMBER	II	3	AWBP	7	9.37	2.84	-.14	-1.11	2.13	33.11	64.76	39.14	.02	.51
DECEMBER	II	4	AWCA	1	8.02	3.29	.25	-1.33	8.54	44.64	46.82	27.52	.09	.95
DECEMBER	II	4	AWCD	2	8.23	3.37	.16	-1.42	9.85	40.83	49.33	32.20	.11	.83
DECEMBER	II	4	AWCG	3	8.21	3.34	.14	-1.38	10.51	39.52	49.97	30.50	.12	.79
DECEMBER	II	4	AWCJ	4	7.52	3.53	.35	-1.37	23.85	32.81	43.34	26.47	.31	.76
DECEMBER	II	4	AWCM	5	7.55	3.32	.48	-1.22	11.47	48.35	40.17	24.90	.13	1.20
DECEMBER	II	4	AWCP	6	7.05	3.34	.69	-1.01	17.01	48.39	34.60	21.83	.20	1.40
DECEMBER	II	4	AWCW	7	7.42	3.36	.54	-1.20	12.49	48.79	38.72	25.40	.14	1.26
DECEMBER	II	5	AWDF	1	8.42	3.22	.12	-1.34	6.17	42.15	51.68	30.87	.07	.82
DECEMBER	II	5	AWDI	2	8.74	3.18	-.02	-1.32	5.59	38.85	55.56	35.20	.06	.70
DECEMBER	II	5	AWDL	3	7.82	3.34	.34	-1.31	10.96	46.06	42.99	27.31	.12	1.07
DECEMBER	II	5	AWDO	4	8.14	3.29	.22	-1.35	8.43	43.48	48.10	29.29	.09	.90
DECEMBER	II	5	AWDR	5	8.18	3.26	.22	-1.34	6.75	44.96	48.28	29.56	.07	.93
DECEMBER	II	5	AWDU	6	8.52	3.22	.05	-1.32	6.91	39.68	53.42	32.57	.07	.74
DECEMBER	II	5	AWEB	7	7.71	3.17	.42	-1.14	9.24	47.85	42.90	22.04	.10	1.12
DECEMBER	II	6	AWEK	1	9.33	2.85	-.13	-1.11	2.96	33.76	63.28	39.08	.03	.53
DECEMBER	II	6	AWEN	2	9.43	2.91	-.21	-1.09	3.27	32.36	64.37	44.14	.03	.50
DECEMBER	II	6	AWEQ	3	9.13	2.99	-.13	-1.23	2.61	38.29	59.10	33.23	.03	.65
DECEMBER	II	6	AWET	4	8.77	3.13	-.01	-1.29	1.74	41.95	56.31	34.83	.02	.75
DECEMBER	II	6	AWEW	5	8.90	3.05	-.04	-1.21	4.59	37.95	57.46	34.73	.05	.66
DECEMBER	II	6	AWEZ	6	9.44	2.80	-.14	-1.11	2.09	33.03	64.88	40.28	.02	.51
DECEMBER	II	6	AWFG	7	9.39	2.63	-.10	-.92	1.53	31.33	67.15	29.45	.02	.47

TABLE 2

SEDIMENT PARAMETERS CALCULATED BY THE GRAPHIC METHODS
OF FOLK*USING THE 14 phi EXTRAPOLATION

Key to Table:

PERIOD	Month or Season
TRAN	Transect
STA	Station Number
SAMP	Sample Code
REP	Replicate Number
MEAN	Mean
SD	Standard Deviation
SKEW	Coefficient of Skewness
KURT	Coefficient of Excess (Kurtosis)
SAND, SILT, CLAY, >10.6 — Percents	Percentage of total weight in the sand, silt and clay categories and in the fraction greater than 10.6 phi.
SA/MUD — Ratios	Ratio of sand weight to mud weight.
SI/CL — Ratios	Ratio of silt weight to clay weight.

*Folk (1974)

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	1	AJTP	1	6.59	3.56	.71	.61	38.80	25.97	35.23	24.73	.63	.74
MARCH	II	1	AJTR	2	6.77	3.61	.61	.62	32.89	26.54	40.57	25.94	.49	.65
MARCH	II	1	AJTT	3	7.06	3.49	.48	.65	23.64	40.43	35.93	24.73	.31	1.13
MARCH	II	1	AJTV	4	6.39	3.38	.60	.86	35.63	38.38	25.99	18.60	.55	1.48
MARCH	II	1	AJTX	5	5.91	2.95	.78	1.68	33.06	47.30	19.64	14.16	.49	2.41
MARCH	II	1	AJTZ	6	6.60	3.52	.69	.64	30.94	35.64	33.43	23.55	.45	1.07
MARCH	II	1	AKCC	7	7.12	3.60	.42	.61	27.73	34.01	38.26	26.67	.38	.89
MARCH	II	2	AJVJ	1	8.08	3.47	.17	.62	9.35	42.83	47.82	33.33	.10	.90
MARCH	II	2	AJVL	2	7.97	3.45	.22	.61	9.12	44.26	46.62	31.76	.10	.95
MARCH	II	2	AJVN	3	7.54	3.47	.36	.61	15.68	42.59	41.73	28.55	.19	1.02
MARCH	II	2	AJVP	4	7.30	3.50	.43	.62	19.96	41.51	38.52	27.09	.25	1.08
MARCH	II	2	AJVR	5	7.78	3.52	.26	.60	14.00	41.80	44.20	31.80	.16	.95
MARCH	II	2	AJVT	6	7.04	3.63	.46	.60	34.77	27.54	37.69	27.32	.53	.73
MARCH	II	2	AKCE	7	8.10	3.45	.16	.62	8.66	43.15	48.19	33.23	.09	.90
MARCH	II	3	AJYF	1	9.71	3.02	-.22	.76	1.81	29.46	68.72	46.71	.02	.43
MARCH	II	3	AJYH	2	9.52	3.15	-.23	.75	4.02	29.81	66.17	45.38	.04	.45
MARCH	II	3	AJYJ	3	9.65	3.09	-.23	.78	3.03	29.03	67.94	46.47	.03	.43
MARCH	II	3	AJYL	4	9.67	3.02	-.21	.77	3.23	28.29	68.48	45.70	.03	.41
MARCH	II	3	AJYN	5	9.75	3.10	-.27	.78	3.42	29.58	67.00	49.95	.04	.44
MARCH	II	3	AJYP	6	9.31	3.26	-.19	.74	6.36	29.74	63.90	43.69	.07	.47
MARCH	II	3	AKCH	7	9.61	3.01	-.19	.72	.32	32.89	66.79	45.11	.00	.49
MARCH	II	4	AJUO	1	8.41	3.53	-.05	.63	12.36	30.60	57.04	35.86	.14	.54
MARCH	II	4	AJUQ	2	8.74	3.39	-.05	.64	4.97	40.44	54.59	40.12	.05	.74
MARCH	II	4	AJUS	3	7.23	3.53	.47	.62	22.19	38.57	39.24	27.55	.29	.98
MARCH	II	4	AJUU	4	8.28	3.44	.09	.60	7.63	41.81	50.57	34.72	.08	.83
MARCH	II	4	AJUW	5	8.71	3.43	-.09	.64	6.52	38.37	55.12	38.64	.07	.70
MARCH	II	4	AJUY	6	8.48	3.51	-.03	.65	9.92	36.16	53.92	36.85	.11	.67

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	4	AKCD	7	8.43	3.22	.16	.59	5.81	43.21	50.97	34.37	.06	.85
MARCH	II	5	AJWL	1	8.14	3.78	-.05	.71	17.34	30.58	52.08	35.91	.21	.59
MARCH	II	5	AJWN	2	8.23	3.53	.05	.64	12.28	36.63	51.09	34.12	.14	.72
MARCH	II	5	AJWP	3	8.13	3.52	.14	.63	11.33	40.01	48.66	35.59	.13	.82
MARCH	II	5	AJWR	4	8.25	3.57	.02	.60	14.36	34.14	51.50	35.19	.17	.66
MARCH	II	5	AJWT	5	8.51	3.46	-.01	.62	6.22	40.30	53.48	38.14	.07	.75
MARCH	II	5	AJWV	6	7.97	3.44	.24	.60	8.32	45.54	46.14	32.79	.09	.99
MARCH	II	5	AKCF	7	8.64	3.48	-.09	.67	6.75	36.77	56.48	38.78	.07	.65
MARCH	II	6	AJXH	1	10.03	2.75	-.20	.76	.70	26.68	72.62	49.90	.01	.37
MARCH	II	6	AJXJ	2	10.22	2.59	-.19	.77	.09	23.33	76.57	52.36	.00	.30
MARCH	II	6	AJXL	3	9.71	2.99	-.21	.74	2.60	30.55	66.85	47.50	.03	.46
MARCH	II	6	AJXN	4	9.69	3.02	-.22	.74	2.41	30.28	67.32	47.28	.02	.45
MARCH	II	6	AJXQ	5	9.52	2.85	-.08	.79	1.13	30.71	68.16	34.71	.01	.45
MARCH	II	6	AJXS	6	9.68	3.05	-.23	.73	2.79	31.44	65.77	48.18	.03	.48
MARCH	II	6	AKCG	7	9.72	2.91	-.19	.72	1.03	30.15	68.82	46.77	.01	.44
APRIL	II	1	AKLY	1	7.10	3.44	.53	.63	22.26	40.93	36.81	25.44	.29	1.11
APRIL	II	1	AKMA	2	6.40	3.39	.78	.73	32.17	38.38	29.44	21.00	.47	1.30
APRIL	II	1	AKMC	3	6.40	3.37	.74	.73	32.04	39.26	28.71	19.80	.47	1.37
APRIL	II	1	AKME	4	7.12	3.41	.58	.63	16.63	45.74	37.63	25.61	.20	1.22
APRIL	II	1	AKMG	5	7.04	3.39	.61	.64	17.44	44.99	37.57	24.20	.21	1.20
APRIL	II	1	AKMI	6	8.11	3.49	.10	.62	10.89	39.84	49.27	31.58	.12	.81
APRIL	II	1	AKMQ	7	7.03	3.50	.50	.64	27.11	36.28	36.61	24.46	.37	.99
APRIL	II	2	AKNX	1	7.85	3.50	.23	.62	12.76	41.49	45.74	30.82	.15	.91
APRIL	II	2	AKNZ	2	7.63	3.49	.33	.60	15.38	41.54	43.08	29.71	.18	.96
APRIL	II	2	AKOB	3	7.05	3.35	.62	.64	15.01	49.92	35.07	24.26	.18	1.42
APRIL	II	2	AKOD	4	7.00	3.53	.51	.63	25.83	38.09	36.08	25.25	.35	1.06
APRIL	II	2	AKOE	5	7.34	3.37	.46	.63	13.54	48.16	38.30	25.62	.16	1.26
APRIL	II	2	AKOG	6	6.64	3.29	.74	.71	22.17	46.43	31.40	20.71	.28	1.48

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	2	AKOH	7	6.93	3.52	.48	.65	28.23	35.55	36.22	23.35	.39	.98
APRIL	II	2	AKQS	1	9.36	3.14	-.15	.79	4.48	31.03	64.49	39.87	.05	.48
APRIL	II	3	AKQU	2	9.15	3.32	-.18	.73	5.89	32.05	62.06	41.24	.06	.52
APRIL	II	3	AKQW	3	9.41	3.02	-.12	.84	2.90	28.36	68.73	34.93	.03	.41
APRIL	II	3	AKQY	4	9.26	3.28	-.20	.74	5.43	29.80	64.76	42.94	.06	.46
APRIL	II	3	AKRA	5	9.24	3.27	-.18	.74	4.53	32.07	63.40	43.29	.05	.51
APRIL	II	3	AKRC	6	9.51	3.17	-.21	.79	5.61	27.32	67.07	43.40	.06	.41
APRIL	II	3	AKRK	7	9.51	3.07	-.18	.74	2.84	30.90	66.27	43.18	.03	.47
APRIL	II	4	AKMZ	1	8.05	3.37	.24	.63	6.85	47.00	46.15	32.37	.07	1.02
APRIL	II	4	AKNB	2	7.07	3.36	.58	.64	16.67	46.76	36.57	23.69	.20	1.28
APRIL	II	4	AKND	3	7.04	3.43	.60	.64	19.23	44.02	36.75	25.52	.24	1.20
APRIL	II	4	AKNF	4	7.11	3.43	.59	.62	18.11	44.51	37.38	26.18	.22	1.19
APRIL	II	4	AKNH	5	8.23	3.45	.09	.60	7.67	41.92	50.41	33.77	.08	.83
APRIL	II	4	AKNJ	6	7.74	3.53	.23	.63	16.34	39.68	43.98	29.77	.20	.90
APRIL	II	4	AKNR	7	8.26	3.45	.09	.61	8.47	40.92	50.61	34.93	.09	.81
APRIL	II	5	AKOW	1	8.32	3.52	.02	.60	11.20	37.11	51.69	35.53	.13	.72
APRIL	II	5	AKOY	2	8.71	3.50	-.12	.66	6.96	29.26	63.79	41.17	.07	.46
APRIL	II	5	AKPA	3	8.79	3.37	-.06	.69	7.66	34.33	58.01	38.68	.08	.59
APRIL	II	5	AKPC	4	8.91	3.31	-.08	.71	6.04	34.82	59.13	38.47	.06	.59
APRIL	II	5	AKPE	5	8.74	3.41	-.10	.67	4.60	37.70	57.70	38.05	.05	.65
APRIL	II	5	AKPG	6	8.01	3.34	.23	.66	7.50	45.20	47.30	28.68	.08	.96
APRIL	II	5	AKPO	7	8.17	3.43	.12	.62	8.23	42.19	49.58	31.90	.09	.85
APRIL	II	6	AKPU	1	9.67	3.00	-.20	.74	1.25	31.49	67.27	46.03	.01	.47
APRIL	II	6	AKPW	2	9.40	3.08	-.12	.77	4.36	32.55	63.09	41.84	.05	.52
APRIL	II	6	AKPY	3	9.53	2.91	-.09	.73	1.25	32.78	65.97	41.72	.01	.50
APRIL	II	6	AKQA	4	9.74	2.93	-.20	.71	.60	31.18	68.21	47.90	.01	.46
APRIL	II	6	AKQC	5	9.78	2.89	-.19	.73	.53	30.74	68.74	47.58	.01	.45
APRIL	II	6	AKQE	6	9.55	3.00	-.15	.72	.99	33.56	65.46	44.27	.01	.51

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	6	AKQM	7	9.33	3.15	-.15	.73	3.75	33.32	62.93	41.71	.04	.53
JULY	II	1	AOHV	1	8.05	3.44	.14	.63	10.60	41.14	48.26	30.40	.12	.85
JULY	II	1	AOHX	2	8.20	3.45	.08	.64	10.69	38.84	50.46	31.01	.12	.77
JULY	II	1	AOHZ	3	7.52	3.47	.32	.64	16.66	40.94	42.39	26.26	.20	.97
JULY	II	1	AOIB	4	7.65	3.42	.36	.63	10.78	46.18	43.03	29.06	.12	1.07
JULY	II	1	AOID	5	7.00	3.43	.56	.67	20.93	43.61	35.46	24.08	.26	1.23
JULY	II	1	AOIE	6	7.55	3.46	.34	.64	15.63	42.01	42.36	27.75	.19	.99
JULY	II	1	AOIU	7	7.31	3.50	.43	.62	20.62	39.15	40.23	26.66	.26	.97
JULY	II	2	AOIW	1	7.24	3.38	.52	.64	14.37	47.57	38.06	25.15	.17	1.25
JULY	II	2	AOIY	2	8.06	3.40	.18	.63	8.05	44.22	47.73	30.94	.09	.93
JULY	II	2	AOJA	3	8.13	3.40	.14	.65	7.39	43.63	48.99	30.89	.08	.89
JULY	II	2	AOJC	4	7.28	3.62	.32	.63	22.76	35.93	41.31	26.72	.29	.87
JULY	II	2	AOJE	5	7.13	3.50	.48	.64	23.27	39.31	37.42	25.19	.30	1.05
JULY	II	2	AOJG	6	7.45	3.46	.39	.63	16.34	42.93	40.73	26.97	.20	1.05
JULY	II	2	AOJZ	7	7.39	3.65	.27	.62	25.81	31.76	42.42	26.87	.35	.75
JULY	II	3	AOKB	1	9.20	3.21	-.14	.79	5.56	30.84	63.60	36.45	.06	.48
JULY	II	3	AOKD	2	9.56	3.08	-.18	.84	4.96	26.35	68.70	42.19	.05	.38
JULY	II	3	AOKF	3	9.27	3.22	-.16	.79	6.00	29.39	64.61	39.77	.06	.45
JULY	II	3	AOKH	4	9.37	3.10	-.13	.74	3.07	33.45	63.48	40.97	.03	.53
JULY	II	3	AOKJ	5	9.29	3.29	-.19	.82	8.62	26.22	65.17	40.77	.09	.40
JULY	II	3	AOKL	6	9.54	2.89	-.09	.69	.75	34.00	65.26	42.20	.01	.52
JULY	II	3	AOLA	7	9.38	3.23	-.18	.82	6.44	28.50	65.06	41.59	.07	.44
JULY	II	4	AOLC	1	8.45	3.33	.07	.66	5.95	41.89	52.16	32.96	.06	.80
JULY	II	4	AOLE	2	7.64	3.36	.37	.62	8.48	48.80	42.71	27.30	.09	1.14
JULY	II	4	AOLG	3	7.89	3.47	.21	.61	12.61	40.95	46.45	30.90	.14	.88
JULY	II	4	AOLI	4	8.29	3.30	.13	.67	6.04	43.97	49.99	29.34	.06	.88
JULY	II	4	AOLK	5	7.65	3.42	.32	.63	12.11	43.78	44.11	27.21	.14	.99
JULY	II	4	AOLM	6	7.46	3.48	.38	.64	15.61	42.23	41.96	26.96	.19	1.01

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
JULY	II	4	AOLZ	7	8.12	3.45	.11	.65	11.91	38.86	49.23	29.90	.14	.79
JULY	II	5	AOMB	1	8.04	3.42	.17	.64	9.04	43.08	47.88	29.99	.10	.90
JULY	II	5	AOMD	2	8.34	3.46	.03	.64	9.54	38.10	52.35	34.08	.11	.73
JULY	II	5	AOMF	3	7.66	3.48	.30	.63	14.15	42.15	43.70	28.57	.16	.96
JULY	II	5	AOMH	4	8.47	3.38	.02	.65	6.35	40.17	53.48	34.00	.07	.75
JULY	II	5	AOMJ	5	8.68	3.35	-.04	.70	8.79	34.15	57.06	34.97	.10	.60
JULY	II	5	AOML	6	8.60	3.33	.02	.66	4.97	40.51	54.51	35.36	.05	.74
JULY	II	5	AOMY	7	8.07	3.41	.15	.62	9.17	42.32	48.51	30.01	.10	.87
JULY	II	6	AONA	1	9.05	3.21	-.08	.74	5.81	36.09	58.10	36.22	.06	.62
JULY	II	6	AONC	2	9.62	2.85	-.10	.73	1.69	30.34	67.97	42.01	.02	.45
JULY	II	6	AONE	3	9.42	3.01	-.10	.74	2.42	33.22	64.37	39.77	.02	.52
JULY	II	6	AONG	4	8.82	3.41	-.11	.75	11.46	30.22	58.31	36.19	.13	.52
JULY	II	6	AONJ	5	9.27	2.96	-.02	.79	2.63	33.42	63.95	35.46	.03	.52
JULY	II	6	AONK	6	9.24	3.04	-.06	.75	2.46	34.46	63.08	37.79	.03	.55
JULY	II	6	AONX	7	9.44	2.98	-.10	.76	.35	33.60	66.04	41.09	.00	.51
AUGUST	II	1	AOTZ	1	7.68	3.49	.27	.61	15.63	40.07	44.30	28.41	.19	.90
AUGUST	II	1	AOUB	2	7.54	3.48	.33	.63	16.07	41.61	42.32	27.36	.19	.98
AUGUST	II	1	AOUD	3	6.56	3.39	.70	.70	28.83	40.45	30.72	20.90	.41	1.32
AUGUST	II	1	AOUF	4	7.49	3.57	.32	.63	19.41	38.35	42.24	28.56	.24	.91
AUGUST	II	1	AOUH	5	7.02	3.55	.43	.66	26.14	35.27	38.60	23.03	.35	.91
AUGUST	II	1	AOUJ	6	6.87	3.60	.49	.67	25.66	38.28	36.05	24.13	.35	1.06
AUGUST	II	1	AOUY	7	7.29	3.56	.33	.65	22.33	37.13	40.55	24.87	.29	.92
AUGUST	II	2	AOVA	1	7.32	3.42	.40	.66	17.75	42.82	39.43	23.84	.22	1.09
AUGUST	II	2	AOVC	2	7.13	3.32	.53	.67	14.67	48.31	37.01	22.27	.17	1.31
AUGUST	II	2	AOVE	3	7.83	3.42	.24	.63	11.24	42.93	45.84	28.25	.13	.94
AUGUST	II	2	AOVG	4	6.77	2.92	.26	.72	17.65	41.27	41.08	2.98	.21	1.00
AUGUST	II	2	AOVI	5	7.79	3.38	.22	.67	11.67	43.00	45.33	30.59	.13	.95
AUGUST	II	2	AOVK	6	7.03	3.42	.57	.64	20.98	42.68	36.34	24.70	.27	1.17

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	2	AOVZ	7	7.55	3.39	.37	.64	12.26	45.97	41.77	26.74	.14	1.10
AUGUST	II	3	AOWB	1	9.58	2.99	-.15	.79	2.09	29.35	68.57	43.13	.02	.43
AUGUST	II	3	AOWD	2	9.26	3.04	-.06	.76	2.44	33.26	64.30	38.33	.03	.52
AUGUST	II	3	AOWF	3	9.27	3.02	-.06	.76	2.63	33.96	63.41	36.58	.03	.54
AUGUST	II	3	AOWH	4	9.42	3.00	-.10	.75	3.51	30.04	66.44	39.21	.04	.45
AUGUST	II	3	AOWJ	5	9.43	2.95	-.09	.75	1.64	31.31	67.05	38.51	.02	.47
AUGUST	II	3	AOWL	6	9.32	3.04	-.09	.76	2.15	33.73	64.12	38.14	.02	.53
AUGUST	II	3	AOXA	7	9.47	2.91	-.07	.76	2.60	31.30	66.10	39.56	.03	.47
AUGUST	II	4	AOXC	1	8.30	3.38	.07	.68	9.14	39.52	51.34	31.00	.10	.77
AUGUST	II	4	AOXE	2	8.10	3.43	.12	.65	10.44	40.53	49.03	30.12	.12	.83
AUGUST	II	4	AOXG	3	8.18	3.44	.10	.65	10.14	39.95	49.90	30.63	.11	.80
AUGUST	II	4	AOXI	4	8.20	3.43	.08	.65	9.16	40.37	50.47	30.54	.10	.80
AUGUST	II	4	AOKK	5	8.99	3.23	-.07	.71	5.06	34.84	60.10	36.72	.05	.58
AUGUST	II	4	AOXM	6	7.61	3.53	.28	.62	17.61	38.39	44.00	28.55	.21	.87
AUGUST	II	4	AOXZ	7	8.40	3.35	.05	.68	6.73	40.75	52.51	31.01	.07	.78
AUGUST	II	5	AOYB	1	8.89	3.36	-.10	.68	7.34	35.14	57.52	38.76	.08	.61
AUGUST	II	5	AOYD	2	7.60	3.46	.20	.64	23.27	31.34	45.39	22.01	.30	.69
AUGUST	II	5	AOYF	3	7.67	3.43	.30	.62	13.10	42.84	44.06	27.63	.15	.97
AUGUST	II	5	AOYH	4	8.79	3.39	-.09	.72	10.81	30.94	58.25	35.94	.12	.53
AUGUST	II	5	AOYJ	5	7.66	3.76	.10	.61	28.48	25.20	46.33	28.71	.40	.54
AUGUST	II	5	AOYL	6	7.85	3.41	.26	.62	9.26	43.83	46.91	28.87	.10	.93
AUGUST	II	5	AOYY	7	7.12	4.25	.03	.74	23.11	32.20	44.70	27.79	.30	.72
AUGUST	II	6	AOZA	1	9.49	2.85	-.04	.74	1.22	33.97	64.80	39.23	.01	.52
AUGUST	II	6	AOZC	2	8.93	3.18	.12	.75	4.03	32.17	63.80	52.81	.04	.50
AUGUST	II	6	AOZE	3	9.61	2.98	-.18	.76	1.77	29.36	68.87	44.07	.02	.43
AUGUST	II	6	AOZG	4	9.62	2.89	-.13	.75	.99	30.74	68.27	42.80	.01	.45
AUGUST	II	6	AOZI	5	9.68	2.86	-.13	.75	1.38	30.49	68.12	43.92	.01	.45
AUGUST	II	6	AOZK	6	9.70	2.92	-.16	.79	1.23	29.21	69.56	43.98	.01	.42

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	6	AUZX	7	9.41	3.05	-.11	.77	2.59	33.64	63.77	40.91	.03	.53
NOVEMBER	II	1	AVAC	1	8.76	3.41	-.08	.74	9.27	32.33	58.41	36.89	.10	.55
NOVEMBER	II	1	AVAF	2	9.12	3.15	-.03	.77	5.27	33.37	61.36	39.10	.06	.54
NOVEMBER	II	1	AVAI	3	7.57	3.21	.38	.78	23.69	34.57	41.74	20.02	.31	.83
NOVEMBER	II	1	AVAL	4	6.80	3.57	.51	.65	35.20	30.61	34.19	23.88	.54	.90
NOVEMBER	II	1	AVAO	5	7.80	3.64	.12	.61	20.61	32.09	47.30	29.96	.26	.68
NOVEMBER	II	1	AVAR	6	8.20	3.57	.03	.65	13.78	34.56	51.65	34.34	.16	.67
NOVEMBER	II	1	AVAY	7	7.85	3.58	.16	.61	17.32	35.72	46.96	30.83	.21	.76
NOVEMBER	II	2	AVBJ	1	7.46	3.45	.39	.63	15.40	43.96	40.64	27.62	.18	1.08
NOVEMBER	II	2	AVBM	2	6.72	3.26	.73	.73	17.26	52.00	30.73	21.02	.21	1.69
NOVEMBER	II	2	AVBP	3	7.00	3.34	.61	.66	16.10	48.97	34.93	23.08	.19	1.40
NOVEMBER	II	2	AVBS	4	6.90	3.33	.65	.67	17.91	50.53	31.56	23.33	.22	1.60
NOVEMBER	II	2	AVBV	5	7.55	3.42	.39	.62	12.19	46.16	41.65	27.90	.14	1.11
NOVEMBER	II	2	AVBY	6	7.00	3.31	.65	.66	13.61	52.04	34.34	23.40	.16	1.52
NOVEMBER	II	2	AVCF	7	7.08	3.45	.50	.65	23.33	39.17	37.50	24.27	.30	1.04
NOVEMBER	II	3	AVCW	1	9.42	2.97	-.09	.77	2.55	30.58	66.86	37.53	.03	.46
NOVEMBER	II	3	AVCT	2	9.19	3.10	-.08	.76	3.29	33.12	63.59	35.93	.03	.52
NOVEMBER	II	3	AVCW	3	9.39	3.03	-.11	.77	3.89	30.08	66.03	38.61	.04	.46
NOVEMBER	II	3	AVCZ	4	9.34	3.03	-.10	.83	2.94	30.23	66.83	34.19	.03	.45
NOVEMBER	II	3	AVDC	5	9.27	3.05	-.09	.78	3.59	32.72	63.69	34.94	.04	.51
NOVEMBER	II	3	AVDF	6	9.17	3.12	-.08	.74	3.07	34.26	62.67	37.04	.03	.55
NOVEMBER	II	3	AVDM	7	9.30	3.03	-.08	.75	3.57	31.41	65.02	38.55	.04	.48
NOVEMBER	II	4	AVDX	1	8.08	3.39	.18	.63	7.56	44.42	48.02	30.44	.08	.93
NOVEMBER	II	4	AVEA	2	8.01	3.50	.14	.62	12.58	39.52	47.90	31.85	.14	.83
NOVEMBER	II	4	AVED	3	8.38	3.41	.05	.64	6.93	41.09	51.98	33.33	.07	.79
NOVEMBER	II	4	AVEG	4	7.85	3.39	.31	.62	7.23	47.80	44.97	30.99	.08	1.06
NOVEMBER	II	4	AVEJ	5	7.79	3.45	.25	.61	11.70	42.84	45.46	28.66	.13	.94
NOVEMBER	II	4	AVEM	6	7.26	3.37	.52	.65	13.11	48.73	38.15	25.42	.15	1.28

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
NOVEMBER	II	4	AVET	7	6.51	3.36	.76	.71	27.96	41.32	30.72	20.41	.39	1.34
NOVEMBER	II	5	AVFC	1	8.50	3.39	-.00	.65	6.23	40.14	53.63	33.69	.07	.75
NOVEMBER	II	5	AVFF	2	7.78	3.36	.26	.62	7.04	48.22	44.74	25.92	.08	1.08
NOVEMBER	II	5	AVFI	3	9.08	3.15	-.08	.69	2.47	36.20	61.32	36.94	.03	.59
NOVEMBER	II	5	AVFL	4	9.05	3.17	-.08	.70	2.16	38.46	59.38	37.00	.02	.65
NOVEMBER	II	5	AVFO	5	8.09	3.45	.15	.61	9.10	42.25	48.65	31.99	.10	.87
NOVEMBER	II	5	AVFR	6	8.24	3.39	.11	.63	6.87	43.04	50.09	31.73	.07	.86
NOVEMBER	II	5	AVFY	7	8.76	3.29	-.04	.68	4.56	40.08	55.37	34.38	.05	.72
NOVEMBER	II	6	AVGH	1	9.51	2.90	-.09	.74	1.60	32.00	66.40	39.20	.02	.48
NOVEMBER	II	6	AVGK	2	9.31	2.89	-.01	.75	1.14	35.54	63.32	34.38	.01	.56
NOVEMBER	II	6	AVGN	3	9.36	2.95	-.05	.73	2.30	32.67	65.04	37.69	.02	.50
NOVEMBER	II	6	AVGQ	4	9.35	2.90	-.02	.73	2.06	33.97	63.97	37.65	.02	.53
NOVEMBER	II	6	AVGT	5	9.39	2.87	-.03	.74	.41	34.66	64.94	36.64	.00	.53
NOVEMBER	II	6	AVGW	6	9.30	2.89	-.02	.72	1.67	35.01	63.32	36.52	.02	.55
NOVEMBER	II	6	AVHD	7	9.24	3.02	-.04	.74	4.05	33.00	62.95	37.72	.04	.52
FALL	I	1	AQXR	1	6.12	3.55	.68	.72	45.27	24.71	30.03	18.13	.83	.82
FALL	I	1	AQXT	2	5.92	3.44	.76	.83	50.27	23.51	26.22	17.25	1.01	.90
FALL	I	1	AQXV	3	5.70	3.12	.68	.80	45.85	28.16	25.99	7.40	.85	1.08
FALL	I	1	AQXX	4	7.17	3.67	.29	.63	30.61	29.46	39.93	24.81	.44	.74
FALL	I	1	AQXZ	5	6.18	3.60	.69	.71	45.18	24.67	30.15	20.12	.82	.82
FALL	I	1	AQYB	6	6.79	3.77	.44	.61	42.62	19.41	37.97	24.94	.74	.51
FALL	I	1	ARIB	7	6.43	3.48	.64	.71	35.91	33.73	30.36	20.09	.56	1.11
FALL	I	2	AQZI	1	7.22	3.50	.39	.65	23.78	38.50	37.72	24.26	.31	1.02
FALL	I	2	AQZK	2	6.45	3.38	.71	.73	34.36	36.02	29.62	19.72	.52	1.22
FALL	I	2	AQZM	3	7.54	3.55	.27	.64	20.02	37.45	42.53	27.54	.25	.88
FALL	I	2	AQZO	4	6.49	3.35	.69	.74	33.90	37.61	28.49	19.61	.51	1.32
FALL	I	2	AQZQ	5	7.07	3.34	.52	.72	9.76	55.73	34.51	21.43	.11	1.61
FALL	I	2	AQZS	6	7.32	3.50	.34	.62	25.84	34.67	39.49	25.24	.35	.88

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	2	ARIC	7	7.53	3.54	.26	.65	20.00	37.11	42.89	25.93	.25	.87
FALL	I	3	ARBL	1	9.33	3.13	-.14	.76	2.46	33.06	64.48	39.66	.03	.51
FALL	I	3	ARBN	2	9.10	3.12	-.04	.77	3.27	33.87	62.86	36.62	.03	.54
FALL	I	3	ARBP	3	9.44	3.25	-.19	.88	7.03	27.91	65.05	40.10	.08	.43
FALL	I	3	ARBR	4	9.39	3.08	-.12	.80	4.53	29.79	65.68	39.04	.05	.45
FALL	I	3	ARBT	5	9.25	3.36	-.21	.78	7.36	29.24	63.41	40.91	.08	.46
FALL	I	3	ARBV	6	8.61	3.60	-.11	.78	13.96	28.72	57.31	36.31	.16	.50
FALL	I	3	ARID	7	9.39	3.26	-.18	.86	7.72	27.01	65.27	41.85	.08	.41
FALL	I	4	ARDD	1	5.59	3.52	.75	.86	58.13	17.02	24.86	15.46	1.39	.68
FALL	I	4	ARDF	2	5.85	3.48	.75	.78	51.62	19.89	28.50	16.55	1.07	.70
FALL	I	4	ARDH	3	5.84	3.65	.80	.72	58.00	13.45	28.55	19.57	1.38	.47
FALL	I	4	ARDJ	4	6.36	3.45	.78	.68	42.05	26.69	31.26	20.84	.73	.85
FALL	I	4	ARDL	5	5.57	3.63	.76	.79	62.95	11.06	25.99	16.93	1.70	.43
FALL	I	4	ARDN	6	5.92	3.61	.77	.70	53.71	18.03	28.26	18.63	1.16	.64
FALL	I	4	AREA	7	5.01	3.26	.75	1.75	67.01	15.31	17.68	11.00	2.03	.87
FALL	I	5	AREU	1	8.22	3.39	.04	.57	1.31	46.43	52.26	28.85	.01	.89
FALL	I	5	AREW	2	6.98	3.63	.42	.63	33.49	27.22	39.29	23.70	.50	.69
FALL	I	5	AREY	3	9.98	2.62	-.08	.82	.76	24.17	75.08	43.57	.01	.32
FALL	I	5	ARFA	4	8.04	3.37	.15	.71	10.65	41.52	47.83	26.60	.12	.87
FALL	I	5	ARFC	5	7.49	3.59	.28	.65	19.76	38.12	42.12	27.56	.25	.90
FALL	I	5	ARFE	6	9.37	2.95	-.05	.83	3.22	30.91	65.87	35.53	.03	.47
FALL	I	5	ARFR	7	9.84	2.87	-.22	.82	.52	23.13	76.35	48.51	.01	.30
FALL	I	6	ARGL	1	7.41	3.49	.32	.67	17.88	40.86	41.26	24.09	.22	.99
FALL	I	6	ARGN	2	7.78	3.51	.21	.66	14.72	39.51	45.77	27.50	.17	.86
FALL	I	6	ARGP	3	7.72	3.45	.18	.71	15.10	39.49	45.41	22.81	.18	.87
FALL	I	6	ARGR	4	8.29	3.36	.12	.68	7.38	42.60	50.03	31.04	.08	.85
FALL	I	6	ARGT	5	7.54	3.50	.26	.66	18.80	38.78	42.42	24.66	.23	.91
FALL	I	6	ARGV	6	7.71	3.55	.21	.67	16.83	38.71	44.45	28.39	.20	.87

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	6	ARHI	7	7.40	3.55	.31	.66	20.17	38.71	41.11	25.91	.25	.94
FALL	II	1	ARIF	1	7.95	3.56	.11	.65	15.68	36.39	47.93	30.10	.19	.76
FALL	II	1	ARIH	2	8.13	3.52	.06	.67	12.90	36.96	50.13	30.46	.15	.74
FALL	II	1	ARIJ	3	6.45	3.39	.67	.75	33.78	35.78	30.44	19.19	.51	1.18
FALL	II	1	ARIL	4	7.11	3.30	.59	.69	10.71	54.33	34.96	23.09	.12	1.55
FALL	II	1	ARIN	5	8.25	3.53	.03	.62	12.25	36.26	51.49	33.12	.14	.70
FALL	II	1	ARIP	6	6.78	3.52	.60	.67	25.17	39.71	35.13	23.53	.34	1.13
FALL	II	1	ARJI	7	7.31	3.37	.52	.65	10.66	51.06	38.28	25.98	.12	1.33
FALL	II	2	ARKG	1	6.63	3.28	.73	.71	27.77	41.03	31.20	20.16	.38	1.32
FALL	II	2	ARKI	2	7.46	3.37	.42	.64	12.01	47.79	40.21	25.91	.14	1.19
FALL	II	2	ARKK	3	7.28	3.44	.41	.62	27.38	33.71	38.91	24.53	.38	.87
FALL	II	2	ARKM	4	6.69	3.24	.71	.77	18.24	50.71	31.05	20.47	.22	1.63
FALL	II	2	ARKO	5	6.39	3.47	.71	.77	33.76	36.94	29.30	20.71	.51	1.26
FALL	II	2	ARKQ	6	6.95	3.37	.69	.64	15.93	50.91	33.16	26.48	.19	1.54
FALL	II	2	ARLJ	7	6.79	3.31	.72	.68	17.47	50.55	31.97	22.57	.21	1.58
FALL	II	3	ARMJ	1	9.42	3.05	-.14	.79	2.85	29.86	67.29	38.88	.03	.44
FALL	II	3	ARML	2	9.60	3.01	-.16	.80	2.68	28.89	68.43	43.22	.03	.42
FALL	II	3	ARMN	3	9.40	3.16	-.18	.75	3.57	30.29	66.13	43.27	.04	.46
FALL	II	3	ARMP	4	9.39	3.06	-.12	.79	4.09	30.07	65.83	39.04	.04	.46
FALL	II	3	ARMR	5	9.37	3.18	-.19	.75	3.55	30.31	66.14	42.72	.04	.46
FALL	II	3	ARMT	6	9.00	3.32	-.13	.86	6.86	29.48	63.66	34.13	.07	.46
FALL	II	3	ARNI	7	9.42	3.10	-.15	.80	4.35	28.85	66.80	41.05	.05	.43
FALL	II	4	AROB	1	8.46	3.33	.06	.67	5.49	41.77	52.74	32.85	.06	.79
FALL	II	4	AROD	2	8.66	3.36	-.03	.67	6.17	37.27	56.56	35.33	.07	.66
FALL	II	4	AROF	3	8.03	3.39	.18	.64	8.04	44.31	47.64	29.49	.09	.93
FALL	II	4	AROH	4	8.30	3.37	.11	.62	5.68	43.79	50.53	32.67	.06	.87
FALL	II	4	AROJ	5	7.59	3.35	.41	.64	7.93	51.34	40.73	27.55	.09	1.26
FALL	II	4	AROL	6	8.13	3.44	.16	.63	8.15	43.52	48.33	33.30	.09	.90

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	II	4	ARDY	7	7.55	3.37	.40	.64	10.30	48.43	41.28	26.90	.11	1.17
FALL	II	5	ARPK	1	8.31	3.43	.09	.64	6.95	42.13	50.92	35.58	.07	.83
FALL	II	5	ARPM	2	9.34	3.11	-.14	.76	3.06	33.26	63.67	40.32	.03	.52
FALL	II	5	ARPO	3	8.38	3.33	.06	.67	5.66	41.81	52.53	30.80	.06	.80
FALL	II	5	ARPQ	4	9.20	3.23	-.16	.71	3.21	33.39	63.39	41.11	.03	.53
FALL	II	5	ARPS	5	8.39	3.43	.05	.62	7.10	40.98	51.92	35.33	.08	.79
FALL	II	5	ARPU	6	8.45	3.36	.05	.65	5.25	41.90	52.85	33.72	.06	.79
FALL	II	5	ARQH	7	8.14	3.46	.10	.59	8.03	42.23	49.74	31.65	.09	.85
FALL	II	6	ARQT	1	9.53	2.96	-.12	.73	.98	34.04	64.98	42.82	.01	.52
FALL	II	6	ARQV	2	8.83	2.64	-.12	1.12	2.80	33.47	63.73	5.81	.03	.53
FALL	II	6	ARQX	3	9.37	3.18	-.17	.77	5.16	30.85	63.99	42.32	.05	.48
FALL	II	6	ARQZ	4	9.41	3.00	-.10	.73	1.80	33.72	64.48	41.19	.02	.52
FALL	II	6	ARRB	5	9.98	2.77	-.19	.80	.64	25.00	74.35	48.48	.01	.34
FALL	II	6	ARRD	6	9.35	2.85	.00	.74	.97	34.54	64.49	37.33	.01	.54
FALL	II	6	ARRR	7	9.49	2.91	-.08	.73	1.46	32.17	66.38	40.28	.01	.48
FALL	III	1	ARSD	1	8.10	3.48	.13	.62	10.50	40.66	48.84	33.09	.12	.83
FALL	III	1	ARSF	2	8.14	3.42	.16	.65	9.09	42.70	48.21	31.75	.10	.89
FALL	III	1	ARSH	3	7.98	3.44	.23	.61	9.16	44.43	46.40	32.28	.10	.96
FALL	III	1	ARSJ	4	8.86	3.29	-.07	.67	3.25	39.48	57.27	36.54	.03	.69
FALL	III	1	ARSL	5	8.17	3.51	.07	.64	11.77	37.86	50.37	32.28	.13	.75
FALL	III	1	ARSN	6	7.11	3.33	.47	.69	19.50	42.25	38.25	19.43	.24	1.10
FALL	III	1	ARTC	7	6.81	3.41	.64	.66	26.09	40.34	33.57	22.77	.35	1.20
FALL	III	2	ARUB	1	8.80	3.31	-.06	.74	3.37	37.84	58.79	36.96	.03	.64
FALL	III	2	ARUD	2	8.97	3.20	-.05	.69	2.72	37.69	59.59	37.54	.03	.63
FALL	III	2	ARUF	3	9.05	3.13	-.04	.72	2.81	37.42	59.76	36.29	.03	.63
FALL	III	2	ARUH	4	8.64	3.30	.01	.66	3.46	41.85	54.70	35.20	.04	.77
FALL	III	2	ARUJ	5	8.80	3.22	.05	.66	2.90	38.37	58.73	40.50	.03	.65
FALL	III	2	ARUL	6	8.82	3.22	-.00	.69	2.49	39.50	58.02	35.86	.03	.68

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	2	ARVA	7	8.73	3.26	.00	.69	2.88	40.06	57.07	35.28	.03	.70
FALL	III	3	ARWD	1	9.20	3.10	-.07	.73	3.02	35.12	61.86	38.25	.03	.57
FALL	III	3	ARWF	2	9.27	2.98	-.04	.75	2.89	33.32	63.79	36.98	.03	.52
FALL	III	3	ARWH	3	9.43	2.90	-.05	.76	.85	32.50	66.65	39.73	.01	.49
FALL	III	3	ARWJ	4	9.21	3.11	-.08	.73	3.19	35.03	61.77	38.99	.03	.57
FALL	III	3	ARWL	5	9.45	2.93	-.08	.75	1.39	32.25	66.36	38.47	.01	.49
FALL	III	3	ARWN	6	9.20	2.96	.02	.69	1.46	38.15	60.40	38.87	.01	.63
FALL	III	3	ARXC	7	9.29	3.06	-.08	.72	1.75	34.90	63.35	40.82	.02	.55
FALL	III	4	ARXV	1	6.03	3.61	.81	.76	56.68	10.86	32.46	20.60	1.31	.33
FALL	III	4	ARXX	2	3.81	1.68	.63	6.32	81.56	7.66	10.79	7.77	4.42	.71
FALL	III	4	ARXZ	3	4.75	2.59	.81	5.65	77.84	6.82	15.34	9.76	3.51	.44
FALL	III	4	ARYB	4	3.71	1.47	.55	5.44	79.50	11.36	9.14	5.75	3.88	1.24
FALL	III	4	ARYD	5	5.93	3.37	.84	.84	58.06	15.76	26.18	17.32	1.38	.60
FALL	III	4	ARYF	6	4.31	2.13	.76	6.03	78.21	8.55	13.24	9.35	3.59	.65
FALL	III	4	ARYS	7	4.58	2.23	.81	4.80	72.38	13.69	13.93	9.01	2.62	.98
FALL	III	5	ARZE	1	8.88	3.24	-.05	.69	3.12	38.54	58.34	35.75	.03	.66
FALL	III	5	ARZG	2	9.33	3.16	-.16	.72	2.60	34.70	62.70	42.39	.03	.55
FALL	III	5	ARZI	3	9.25	3.06	-.08	.77	1.80	33.77	64.44	36.47	.02	.52
FALL	III	5	ARZK	4	9.01	3.27	-.11	.70	3.91	35.70	60.39	39.19	.04	.59
FALL	III	5	ARZM	5	9.22	2.87	.11	.71	1.71	32.22	66.07	42.67	.02	.49
FALL	III	5	ARZO	6	9.30	3.07	-.10	.76	3.03	32.01	64.96	38.20	.03	.49
FALL	III	5	ASAB	7	9.29	3.11	-.13	.74	1.40	35.79	62.81	38.86	.01	.57
FALL	III	6	ASAN	1	9.64	2.85	-.11	.77	.46	30.00	69.53	39.00	.00	.43
FALL	III	6	ASAP	2	9.77	3.02	-.24	.76	2.27	29.64	68.09	50.70	.02	.44
FALL	III	6	ASAR	3	9.58	2.97	-.14	.79	1.11	30.30	68.59	42.12	.01	.44
FALL	III	6	ASAT	4	9.61	2.87	-.09	.80	1.59	29.03	69.38	39.87	.02	.42
FALL	III	6	ASAV	5	9.69	2.93	-.17	.77	.96	29.31	69.73	43.92	.01	.42
FALL	III	6	ASAX	6	9.74	2.91	-.16	.83	2.48	25.61	71.91	43.28	.03	.36

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	6	ASBK	7	9.54	2.84	-.05	.80	2.05	29.95	68.00	38.32	.02	.44
FALL	IV	1	ASBW	1	4.34	3.29	.74	2.02	74.14	9.30	16.56	11.84	2.87	.56
FALL	IV	1	ASBY	2	5.50	3.78	.85	.72	57.00	11.23	31.78	18.46	1.33	.35
FALL	IV	1	ASCA	3	4.42	3.21	.77	1.91	73.41	9.80	16.79	11.18	2.76	.58
FALL	IV	1	ASCC	4	4.16	2.88	.80	2.57	75.69	9.12	15.20	10.16	3.11	.60
FALL	IV	1	ASCE	5	4.27	2.80	.87	2.33	72.57	12.17	15.26	9.80	2.65	.80
FALL	IV	1	ASCG	6	9.25	3.06	-.09	.67	0.00	36.86	63.14	39.52	0.00	.58
FALL	IV	1	ASCV	7	4.55	3.41	.75	1.86	73.17	9.06	17.77	12.31	2.73	.51
FALL	IV	2	ASDT	1	9.34	3.33	-.18	.86	5.44	30.40	64.15	40.70	.06	.47
FALL	IV	2	ASDV	2	7.83	4.02	-.08	.73	18.32	30.72	50.96	33.26	.22	.60
FALL	IV	2	ASDX	3	9.09	3.25	-.11	.74	5.39	34.08	60.53	38.29	.06	.56
FALL	IV	2	ASDZ	4	8.56	3.54	-.06	.76	8.28	35.81	55.91	34.37	.09	.64
FALL	IV	2	ASEB	5	8.28	3.71	-.05	.72	14.63	32.99	52.38	33.87	.17	.63
FALL	IV	2	ASED	6	9.09	3.47	-.18	.83	10.56	27.16	62.28	39.06	.12	.44
FALL	IV	2	ASES	7	8.89	3.45	-.11	.78	7.54	33.84	58.63	36.51	.08	.58
FALL	IV	3	ASFT	1	5.49	3.80	.80	.70	56.13	15.60	28.27	18.45	1.28	.55
FALL	IV	3	ASFV	2	5.21	3.77	.79	.78	61.74	12.56	25.70	16.18	1.61	.49
FALL	IV	3	ASFX	3	6.60	4.32	.23	.66	44.41	16.16	39.43	26.48	.80	.41
FALL	IV	3	ASGF	4	5.18	3.67	.88	.85	64.02	12.05	23.93	16.12	1.78	.50
FALL	IV	3	ASGA	5	5.46	4.12	.69	.68	54.59	13.56	31.85	19.63	1.20	.43
FALL	IV	3	ASGC	6	5.85	3.96	.65	.62	50.24	16.75	33.01	21.50	1.01	.51
FALL	IV	3	ASGR	7	6.99	4.09	.17	.60	39.15	19.02	41.83	27.13	.64	.45
FALL	IV	4	ASHL	1	2.82	1.47	.41	4.94	86.40	5.32	8.28	4.91	6.35	.64
FALL	IV	4	ASHN	2	3.87	2.29	.66	7.14	80.90	6.95	12.14	7.82	4.24	.57
FALL	IV	4	ASHP	3	3.98	2.66	.76	3.64	79.29	7.11	13.60	8.35	3.83	.52
FALL	IV	4	ASHR	4	4.18	2.55	.82	2.89	75.62	10.65	13.73	7.35	3.10	.78
FALL	IV	4	ASHT	5	4.10	3.04	.69	5.17	78.25	7.41	14.34	8.41	3.60	.52
FALL	IV	4	ASHV	6	2.60	1.83	.65	12.42	86.19	4.68	9.13	5.46	6.24	.51

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	IV	4	ASII	7	3.04	1.88	.67	4.68	83.82	6.13	10.05	5.96	5.18	.61
FALL	IV	5	ASIV	1	7.44	4.12	-.01	.57	28.69	23.53	47.77	31.14	.40	.49
FALL	IV	5	ASIX	2	5.56	3.88	.81	.64	52.11	16.59	31.30	19.78	1.09	.53
FALL	IV	5	ASIZ	3	5.41	3.56	.48	.63	47.84	19.46	32.70	5.52	.92	.60
FALL	IV	5	ASJB	4	5.23	3.73	.86	1.02	62.31	15.81	21.88	18.57	1.65	.72
FALL	IV	5	ASJD	5	6.66	4.11	.26	.59	37.64	25.25	37.12	25.92	.60	.68
FALL	IV	5	ASJF	6	7.18	3.58	.41	.75	16.34	44.66	39.00	24.07	.20	1.15
FALL	IV	5	ASJS	7	7.66	4.18	-.13	.63	25.13	22.74	52.13	33.45	.34	.44
FALL	IV	6	ASKF	1	6.55	4.11	.31	.60	45.76	16.26	37.98	25.29	.84	.43
FALL	IV	6	ASKH	2	5.68	3.97	.80	.60	51.61	12.99	35.40	22.28	1.07	.37
FALL	IV	6	ASKJ	3	5.11	3.94	.77	.78	62.53	11.33	26.14	17.07	1.67	.43
FALL	IV	6	ASKL	4	5.48	3.85	.83	.69	56.73	13.26	30.01	20.05	1.31	.44
FALL	IV	6	ASKN	5	5.51	3.86	.83	.66	57.21	13.15	29.65	19.76	1.34	.44
FALL	IV	6	ASKP	6	5.31	3.83	.84	.68	60.28	12.11	27.61	17.77	1.52	.44
FALL	IV	6	ASLC	7	6.82	4.03	.28	.59	42.37	16.46	41.17	27.12	.74	.40
FALL	IV	7	ASLP	1	9.61	2.83	-.08	.81	1.28	28.95	69.77	38.32	.01	.42
FALL	IV	7	ASLR	2	9.82	2.68	-.07	.77	0.00	27.92	72.08	43.91	0.00	.39
FALL	IV	7	ASLT	3	9.78	2.70	-.07	.76	.62	27.86	71.52	41.28	.01	.39
FALL	IV	7	ASLV	4	9.76	2.73	-.09	.74	.37	28.57	71.07	44.38	.00	.40
FALL	IV	7	ASLX	5	9.67	2.78	-.07	.74	1.45	29.56	68.99	41.56	.01	.43
FALL	IV	7	ASLZ	6	9.64	2.78	-.07	.75	.99	29.48	69.53	40.41	.01	.42
FALL	IV	7	ASMM	7	9.69	2.71	-.04	.76	.66	28.73	70.61	40.26	.01	.41
WINTER	I	1	AHAB	1	5.96	3.51	.72	.77	47.43	25.82	26.75	17.35	.90	.97
WINTER	I	1	AHAD	2	7.51	3.78	.18	.59	27.79	28.13	44.08	30.69	.38	.64
WINTER	I	1	AHAF	3	6.95	3.65	.44	.62	31.33	32.98	35.70	25.16	.46	.92
WINTER	I	1	AHAH	4	7.51	3.78	.19	.59	28.05	27.47	44.48	31.95	.39	.62
WINTER	I	1	AHAJ	5	5.47	3.26	.81	.89	59.42	17.15	23.42	12.30	1.46	.73
WINTER	I	1	AHAL	6	5.91	3.49	.81	.76	54.86	18.38	26.76	18.29	1.22	.69

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	1	AHAN	7	5.65	3.29	.85	1.05	63.57	14.25	22.18	15.40	1.74	.64
WINTER	I	2	AHBX	1	7.63	3.65	.24	.69	18.97	36.17	44.86	31.49	.23	.81
WINTER	I	2	AHBZ	2	7.42	3.58	.36	.59	25.52	32.78	41.70	29.20	.34	.79
WINTER	I	2	AHCB	3	8.00	3.73	.04	.70	17.09	33.71	49.20	32.63	.21	.69
WINTER	I	2	AHCD	4	8.32	3.54	.03	.66	12.72	35.48	51.81	36.80	.15	.68
WINTER	I	2	AHCF	5	5.47	3.26	.81	.89	59.42	17.15	23.42	12.30	1.46	.73
WINTER	I	2	AHCH	6	7.50	3.57	.31	.60	22.80	32.43	44.77	29.13	.30	.72
WINTER	I	2	AHCJ	7	7.35	3.51	.38	.60	24.56	35.92	39.52	27.31	.33	.91
WINTER	I	3	AHDF	1	9.53	3.16	-.23	.78	4.74	30.93	64.32	44.46	.05	.48
WINTER	I	3	AHDI	2	9.48	3.20	-.22	.79	5.47	27.75	66.79	43.44	.06	.42
WINTER	I	3	AHDK	3	9.50	3.22	-.24	.80	5.49	29.02	65.48	45.09	.06	.44
WINTER	I	3	AHDM	4	9.21	3.35	-.21	.74	8.95	27.73	63.32	41.46	.10	.44
WINTER	I	3	AHDO	5	9.46	3.23	-.23	.78	6.01	28.54	65.46	43.84	.06	.44
WINTER	I	3	AHDQ	6	9.40	3.27	-.23	.77	7.09	28.58	64.33	43.53	.08	.44
WINTER	I	3	AHDS	7	9.40	3.20	-.18	.80	6.96	27.77	65.27	41.12	.07	.43
WINTER	I	4	AHSK	1	4.42	2.56	.87	3.67	77.14	8.44	14.42	10.12	3.37	.59
WINTER	I	4	AHSL	2	4.87	2.95	.86	3.83	76.79	6.15	17.06	11.72	3.31	.36
WINTER	I	4	AHSM	3	5.84	3.67	.77	.72	52.22	20.07	27.71	19.73	1.09	.72
WINTER	I	4	AHSN	4	5.40	3.37	.86	1.22	71.33	7.36	21.31	14.75	2.49	.35
WINTER	I	4	AHSO	5	4.05	2.25	.85	5.06	81.21	5.55	13.24	8.58	4.32	.42
WINTER	I	4	AHSP	6	3.29	1.65	.62	5.36	85.35	3.80	10.85	7.65	5.83	.35
WINTER	I	4	AHSQ	7	4.28	2.54	.83	3.98	76.85	9.31	13.84	9.76	3.32	.67
WINTER	I	5	AHST	1	10.29	2.52	-.17	.76	.49	22.40	77.11	52.48	.00	.29
WINTER	I	5	AHSU	2	10.46	2.51	-.23	.82	.23	19.49	80.29	57.76	.00	.24
WINTER	I	5	AHSV	3	9.25	3.33	-.21	.80	10.50	24.77	64.73	40.59	.12	.38
WINTER	I	5	AHSW	4	9.96	2.84	-.23	.76	1.57	25.73	72.69	49.91	.02	.35
WINTER	I	5	AHSX	5	10.15	2.69	-.22	.76	1.43	24.06	74.51	53.20	.01	.32
WINTER	I	5	AHSY	6	10.23	2.64	-.22	.78	.80	22.66	76.54	55.30	.01	.30

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	5	AHSZ	7	10.20	2.56	-.16	.78	.64	21.92	77.44	50.56	.01	.28
WINTER	I	6	AHTC	1	7.81	3.48	.08	.66	17.29	36.89	45.82	22.39	.21	.81
WINTER	I	6	AHTD	2	7.66	3.58	.25	.62	18.18	37.84	43.98	30.35	.22	.86
WINTER	I	6	AHTE	3	7.50	3.60	.32	.61	19.99	40.93	39.09	30.02	.25	1.05
WINTER	I	6	AHTF	4	6.19	3.56	.70	.72	35.38	36.08	28.54	20.41	.55	1.26
WINTER	I	6	AHTG	5	7.86	3.63	.16	.64	17.59	35.93	46.47	32.47	.21	.77
WINTER	I	6	AHTH	6	8.11	3.54	.12	.61	13.46	37.45	49.09	34.84	.16	.76
WINTER	I	6	AHTI	7	7.61	3.51	.29	.63	16.50	40.61	42.89	27.88	.20	.95
WINTER	II	1	AHHU	1	9.41	3.03	-.12	.69	1.02	35.96	63.02	43.56	.01	.57
WINTER	II	1	AHHW	2	8.35	3.48	.05	.63	8.64	39.80	51.56	36.18	.09	.77
WINTER	II	1	AHHY	3	8.29	3.45	.15	.65	6.96	44.02	49.02	37.33	.07	.90
WINTER	II	1	AHIA	4	7.14	3.56	.32	.66	25.94	35.24	38.81	22.56	.35	.91
WINTER	II	1	AHIC	5	8.68	3.06	.14	.58	14.68	32.22	53.10	34.20	.17	.61
WINTER	II	1	AHIE	6	7.65	3.67	.18	.62	23.50	31.27	45.23	30.18	.31	.69
WINTER	II	1	AHIG	7	7.99	3.53	.14	.62	13.36	38.99	47.65	31.84	.15	.82
WINTER	II	2	AHJP	1	6.98	3.53	.51	.63	29.91	32.76	37.33	24.62	.43	.88
WINTER	II	2	AHJR	2	7.87	3.59	.17	.59	18.10	34.87	47.03	33.00	.22	.74
WINTER	II	2	AHJT	3	7.31	3.49	.44	.62	19.76	41.31	38.93	26.92	.25	1.06
WINTER	II	2	AHJV	4	8.34	3.25	.12	.69	4.53	44.85	50.62	29.42	.05	.89
WINTER	II	2	AHJX	5	8.25	3.54	.04	.65	12.25	36.67	51.08	34.18	.14	.72
WINTER	II	2	AHJZ	6	7.79	3.45	.28	.62	11.51	43.53	44.96	31.08	.13	.97
WINTER	II	2	AHKB	7	6.99	3.36	.61	.65	18.75	46.25	35.00	23.37	.23	1.32
WINTER	II	3	AHLA	1	9.80	2.93	-.21	.74	1.85	29.03	69.12	48.08	.02	.42
WINTER	II	3	AHLC	2	9.65	3.12	-.26	.83	2.03	27.17	70.80	47.44	.02	.38
WINTER	II	3	AHLE	3	9.70	3.00	-.21	.77	1.79	29.10	69.12	45.29	.02	.42
WINTER	II	3	AHLG	4	9.74	2.99	-.21	.79	2.39	27.65	69.96	45.55	.02	.40
WINTER	II	3	AHLI	5	9.67	3.03	-.20	.82	3.57	27.16	69.28	44.58	.04	.39
WINTER	II	3	AHLK	6	9.79	2.97	-.24	.75	1.22	30.10	68.69	51.62	.01	.44

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	II	3	AHLM	7	9.45	3.18	-.22	.75	4.32	30.96	64.72	43.89	.05	.48
WINTER	II	4	AHRT	1	7.43	3.34	.50	.64	10.38	50.75	38.87	27.26	.12	1.31
WINTER	II	4	AHRU	2	7.69	3.46	.35	.59	11.02	44.50	44.48	31.01	.12	1.00
WINTER	II	4	AHRV	3	6.93	3.47	.56	.64	25.62	39.14	35.23	23.96	.34	1.11
WINTER	II	4	AHRW	4	6.46	3.35	.78	.73	29.08	41.40	29.52	20.68	.41	1.40
WINTER	II	4	AHRX	5	8.08	3.48	.14	.60	10.99	40.19	48.82	32.70	.12	.62
WINTER	II	4	AHRY	6	8.14	3.47	.15	.61	8.53	43.01	48.46	33.82	.09	.89
WINTER	II	4	AHRZ	7	7.33	3.37	.52	.62	10.86	50.09	39.05	26.95	.12	1.28
WINTER	II	5	AHNN	1	8.96	3.41	-.17	.70	8.53	32.70	58.76	40.40	.09	.56
WINTER	II	5	AHNP	2	9.06	3.36	-.17	.70	5.56	27.60	66.84	43.14	.06	.41
WINTER	II	5	AHNR	3	8.31	3.49	.08	.59	7.40	41.69	50.91	37.58	.08	.82
WINTER	II	5	AHNT	4	9.14	3.15	-.08	.70	2.75	35.12	62.13	40.23	.03	.57
WINTER	II	5	AHNV	5	8.98	3.32	-.13	.69	2.78	38.91	58.30	41.12	.03	.67
WINTER	II	5	AHNX	6	7.56	3.41	.35	.66	13.04	44.24	42.72	25.90	.15	1.04
WINTER	II	5	AHNZ	7	8.49	3.39	.02	.63	5.65	40.91	53.44	34.38	.06	.77
WINTER	II	6	AHPA	1	9.82	2.96	-.25	.69	.78	31.22	68.00	52.68	.01	.46
WINTER	II	6	AHPC	2	9.71	2.99	-.23	.69	.63	31.75	67.62	48.88	.01	.47
WINTER	II	6	AHPE	3	9.80	2.91	-.21	.74	1.31	29.91	68.78	48.23	.01	.43
WINTER	II	6	AHPG	4	9.14	3.07	-.02	.74	3.31	36.25	60.44	36.33	.03	.60
WINTER	II	6	AHPI	5	9.79	2.88	-.19	.72	.71	30.17	69.11	48.34	.01	.44
WINTER	II	6	AHPK	6	9.74	2.96	-.21	.72	2.95	29.03	68.03	48.29	.03	.43
WINTER	II	6	AHPM	7	9.52	3.01	-.15	.71	1.94	34.04	64.02	42.72	.02	.53
WINTER	III	1	AHTM	1	7.64	3.51	.34	.59	14.58	42.66	42.76	32.03	.17	1.00
WINTER	III	1	AHTO	2	8.90	3.40	-.14	.65	5.23	36.27	58.51	41.70	.06	.62
WINTER	III	1	AHTQ	3	7.66	3.55	.28	.60	18.23	42.82	38.95	30.85	.22	1.10
WINTER	III	1	AHTS	4	8.21	3.48	.11	.59	8.92	41.15	49.93	35.24	.10	.82
WINTER	III	1	AHTV	5	8.68	3.41	-.05	.64	6.03	37.76	56.21	38.63	.06	.67
WINTER	III	1	AHTY	6	8.45	3.43	.04	.60	6.83	40.68	52.49	37.00	.07	.77

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIUS	
WINTER	III	1	AHUA	7	8.62	3.38	-.01	.66	6.46	38.79	54.75	37.08	.07	.71
WINTER	III	2	AHZH	1	7.90	3.46	.25	.62	10.76	43.07	46.16	31.27	.12	.93
WINTER	III	2	AHZN	2	8.92	3.35	-.17	.62	3.45	35.99	60.57	35.11	.04	.59
WINTER	III	2	AHZR	3	9.23	3.12	-.11	.67	.33	39.12	60.54	42.25	.00	.65
WINTER	III	2	AHZW	4	8.67	3.06	.23	.66	1.40	47.81	50.79	37.01	.01	.94
WINTER	III	2	AHZY	5	9.25	3.07	-.09	.63	.51	39.22	60.27	42.15	.01	.65
WINTER	III	2	AUSQ	6	8.92	3.24	-.05	.62	1.11	42.33	56.56	39.83	.01	.75
WINTER	III	2	AIAB	7	9.24	3.09	-.08	.70	1.42	38.05	60.52	40.53	.01	.63
WINTER	III	3	AIBC	1	9.45	2.88	-.05	.73	2.56	32.19	65.25	38.80	.03	.49
WINTER	III	3	AIBH	2	9.48	3.02	-.15	.69	.75	35.48	63.78	43.24	.01	.56
WINTER	III	3	AIBM	3	9.22	3.28	-.19	.69	.33	38.44	61.23	44.15	.00	.63
WINTER	III	3	AIBR	4	9.50	2.99	-.15	.70	1.19	32.90	65.91	42.63	.01	.50
WINTER	III	3	AIBT	5	9.53	3.06	-.20	.70	.96	32.39	66.66	45.73	.01	.49
WINTER	III	3	AIBV	6	9.74	3.02	-.25	.69	.84	32.58	66.57	50.52	.01	.49
WINTER	III	3	AIBX	7	9.75	2.92	-.19	.73	1.24	28.09	70.67	45.92	.01	.40
WINTER	III	4	AICY	1	3.65	1.02	.48	5.81	88.68	5.97	5.35	3.66	7.84	1.12
WINTER	III	4	AIDA	2	3.53	1.41	.45	5.75	89.00	2.73	8.27	6.28	8.09	.33
WINTER	III	4	AIDC	3	3.64	1.05	.54	5.14	85.93	8.44	5.63	4.20	6.11	1.50
WINTER	III	4	AIDE	4	3.56	1.38	.44	5.75	89.54	2.26	8.19	5.92	8.56	.28
WINTER	III	4	AIDG	5	3.71	1.30	.56	6.30	81.91	12.03	6.05	5.87	4.53	1.99
WINTER	III	4	AIDI	6	3.87	1.38	.64	5.72	70.34	21.83	7.83	6.50	2.37	2.79
WINTER	III	4	AIDT	7	5.61	3.12	.88	1.42	69.44	9.82	20.74	14.10	2.27	.47
WINTER	III	5	AIEQ	1	9.39	3.17	-.17	.74	4.73	31.86	63.41	42.90	.05	.50
WINTER	III	5	AIEV	2	9.42	3.22	-.24	.70	1.87	31.93	66.20	45.21	.02	.48
WINTER	III	5	AIFA	3	9.01	3.42	-.15	.70	8.56	32.30	59.14	43.12	.09	.55
WINTER	III	5	AIFF	4	9.13	3.39	-.23	.68	5.86	31.33	62.82	43.27	.06	.50
WINTER	III	5	AIFH	5	9.51	3.11	-.20	.74	2.72	32.02	65.26	43.97	.03	.49
WINTER	III	5	AIFJ	6	8.68	3.37	-.04	.63	3.98	40.30	55.72	37.59	.04	.72

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	5	AIFL	7	8.86	3.33	-.09	.67	4.10	37.16	58.74	37.55	.04	.63
WINTER	III	6	AIGI	1	9.91	3.01	-.32	.74	.44	27.67	71.89	58.24	.00	.38
WINTER	III	6	AIGN	2	9.78	2.88	-.18	.73	.28	29.51	70.20	45.78	.00	.42
WINTER	III	6	AIGS	3	9.94	2.89	-.26	.70	1.67	28.41	69.92	54.95	.02	.41
WINTER	III	6	AIGX	4	9.78	2.97	-.24	.78	.72	27.12	72.16	45.14	.01	.38
WINTER	III	6	AIGZ	5	9.77	2.91	-.20	.75	1.08	28.91	70.01	45.42	.01	.41
WINTER	III	6	AIHB	6	9.70	2.97	-.21	.71	.70	30.35	68.95	45.84	.01	.44
WINTER	III	6	AIHD	7	9.65	2.96	-.17	.76	1.34	29.57	69.09	42.63	.01	.43
WINTER	IV	1	AIIA	1	4.28	2.70	.88	3.65	77.00	8.46	14.54	10.77	3.35	.58
WINTER	IV	1	AIIF	2	4.93	3.26	.90	1.50	69.83	11.20	18.98	13.33	2.31	.59
WINTER	IV	1	AIIK	3	4.73	2.97	.81	2.17	72.52	11.14	16.34	12.36	2.64	.68
WINTER	IV	1	AIIP	4	4.92	3.29	.89	1.33	72.00	8.29	19.71	12.04	2.57	.42
WINTER	IV	1	AIIR	5	4.53	2.90	.88	2.47	71.59	12.12	16.29	11.06	2.52	.74
WINTER	IV	1	AIIT	6	4.16	2.63	.91	3.70	79.27	6.28	14.45	10.21	3.82	.43
WINTER	IV	1	AIIV	7	4.81	3.16	.88	1.76	72.15	9.38	18.46	12.13	2.59	.51
WINTER	IV	2	AIKG	1	9.28	3.37	-.23	.75	8.57	28.23	63.20	44.14	.09	.45
WINTER	IV	2	AIKM	2	8.71	3.64	-.17	.69	13.39	31.82	54.79	40.07	.15	.58
WINTER	IV	2	AIKR	3	9.54	3.13	-.23	.75	3.57	31.15	65.28	45.66	.04	.48
WINTER	IV	2	AIKW	4	9.61	3.05	-.22	.75	2.72	29.37	67.91	45.59	.03	.43
WINTER	IV	2	AIKY	5	9.39	3.23	-.23	.69	4.66	32.07	63.27	45.57	.05	.51
WINTER	IV	2	AILA	6	9.17	3.59	-.29	.75	9.14	29.42	61.44	45.61	.10	.48
WINTER	IV	2	AILC	7	8.84	3.48	-.10	.71	7.21	35.46	57.33	40.57	.08	.62
WINTER	IV	3	AILW	1	6.52	4.00	.42	.57	47.34	15.14	37.52	25.72	.90	.40
WINTER	IV	3	AIMB	2	6.79	3.94	.34	.57	45.40	15.50	39.10	26.68	.83	.40
WINTER	IV	3	AIMG	3	5.72	3.72	.81	.65	56.40	13.52	30.08	19.19	1.29	.45
WINTER	IV	3	AIML	4	5.23	3.47	.74	.72	58.10	13.84	28.06	6.23	1.39	.49
WINTER	IV	3	AIMN	5	5.98	3.39	.36	.63	45.90	17.45	36.65	6.16	.85	.48
WINTER	IV	3	AIMP	6	5.44	3.75	.85	.81	61.34	12.89	25.77	18.20	1.59	.50

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	3	AIMR	7	5.92	3.83	.78	.61	52.63	14.02	33.35	22.58	1.11	.42
WINTER	IV	4	AINV	1	3.27	1.65	.76	2.98	79.47	11.65	8.88	4.98	3.87	1.31
WINTER	IV	4	AINZ	2	3.55	2.04	.80	3.42	80.98	7.20	11.81	7.22	4.26	.61
WINTER	IV	4	AIOE	3	9.76	2.83	-.14	.78	.51	28.51	70.98	44.38	.01	.40
WINTER	IV	4	AIOJ	4	4.31	2.70	.89	3.05	75.51	9.58	14.92	11.21	3.08	.64
WINTER	IV	4	AIOL	5	2.87	1.35	.70	6.77	90.66	2.90	6.44	4.29	9.71	.45
WINTER	IV	4	AION	6	4.11	2.62	.83	3.34	79.90	6.06	14.05	8.12	3.97	.43
WINTER	IV	4	AIOP	7	3.15	1.71	.73	4.31	84.20	4.63	11.17	6.71	5.33	.41
WINTER	IV	5	AIPM	1	7.22	4.05	.12	.55	35.22	21.10	43.68	29.81	.54	.48
WINTER	IV	5	AIPR	2	7.05	4.05	.21	.55	35.00	21.83	43.17	29.99	.54	.51
WINTER	IV	5	AIPW	3	7.52	4.08	-.03	.54	29.31	21.99	48.70	31.01	.41	.45
WINTER	IV	5	AIQB	4	6.19	3.94	.53	.59	48.58	18.21	33.20	22.49	.94	.55
WINTER	IV	5	AIQD	5	6.83	3.95	.32	.57	36.31	23.09	40.60	26.36	.57	.57
WINTER	IV	5	AIQF	6	5.51	3.80	.81	.65	52.87	16.52	30.61	18.53	1.12	.54
WINTER	IV	5	AIQH	7	6.54	3.81	.43	.66	33.15	31.71	35.15	22.63	.50	.90
WINTER	IV	6	AIRD	1	6.29	4.10	.46	.59	49.21	13.72	37.07	26.94	.97	.37
WINTER	IV	6	AIRI	2	5.83	3.84	.82	.59	53.50	13.64	32.86	23.12	1.15	.42
WINTER	IV	6	AIRN	3	4.99	3.57	.83	1.28	71.91	8.08	20.01	14.03	2.56	.40
WINTER	IV	6	AIRS	4	5.70	3.83	.89	.60	56.27	13.48	30.25	22.39	1.29	.45
WINTER	IV	6	AIRU	5	5.42	3.92	.89	.64	57.69	11.31	31.00	20.98	1.36	.36
WINTER	IV	6	AIRW	6	6.74	3.95	.38	.55	45.95	14.99	39.06	27.91	.85	.38
WINTER	IV	6	AIRY	7	6.95	3.98	.25	.55	41.34	17.42	41.25	27.61	.70	.42
WINTER	IV	7	AITE	1	10.11	2.70	-.21	.77	.33	24.75	74.92	51.95	.00	.33
WINTER	IV	7	AITJ	2	10.09	2.68	-.21	.79	.30	21.39	78.31	52.50	.00	.27
WINTER	IV	7	AITO	3	9.98	2.77	-.19	.79	.32	25.72	73.95	46.68	.00	.35
WINTER	IV	7	AITT	4	9.52	2.72	.01	.72	.26	32.30	67.44	36.58	.00	.48
WINTER	IV	7	AITV	5	9.71	2.76	-.09	.79	.85	26.70	72.45	38.37	.01	.37
WINTER	IV	7	AITX	6	9.93	2.77	-.17	.77	.40	27.00	72.60	46.90	.00	.37

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	7	AITZ	7	9.97	2.70	-.15	.76	.41	26.20	73.39	47.36	.00	.36
SPRING	I	1	ALXF	1	5.78	3.29	.80	.99	52.03	24.87	23.10	15.72	1.08	1.08
SPRING	I	1	ALXH	2	6.12	3.49	.73	.72	46.92	24.74	28.34	18.87	.88	.87
SPRING	I	1	ALXJ	3	6.11	3.42	.68	.80	42.30	31.38	26.32	17.53	.73	1.19
SPRING	I	1	ALXL	4	6.41	3.57	.66	.64	40.67	24.36	34.98	20.87	.69	.70
SPRING	I	1	ALXN	5	6.00	3.42	.72	.80	47.27	26.61	26.12	17.18	.90	1.02
SPRING	I	1	ALXP	6	6.17	3.43	.72	.75	42.83	28.85	28.32	18.49	.75	1.02
SPRING	I	1	ANTQ	7	6.34	3.44	.63	.75	38.51	33.95	27.54	18.91	.63	1.23
SPRING	I	2	ALXG	1	7.78	3.49	.18	.67	16.48	37.72	45.79	26.69	.20	.82
SPRING	I	2	ALZI	2	8.08	3.34	.21	.67	9.17	43.51	47.31	28.86	.10	.92
SPRING	I	2	ALZK	3	7.80	3.55	.19	.64	16.85	36.59	46.56	29.96	.20	.79
SPRING	I	2	ALZM	4	7.28	3.50	.37	.63	25.46	34.35	40.18	24.68	.34	.85
SPRING	I	2	ALZO	5	7.55	3.49	.31	.63	18.29	39.63	42.07	27.33	.22	.94
SPRING	I	2	ALZQ	6	8.07	3.45	.16	.67	11.65	40.55	47.80	31.43	.13	.85
SPRING	I	2	ANTR	7	7.32	3.55	.36	.61	25.70	33.64	40.66	26.57	.35	.83
SPRING	I	3	AMBC	1	8.86	3.43	-.15	.69	7.29	31.45	61.26	37.35	.08	.51
SPRING	I	3	AMBE	2	9.25	3.22	-.16	.84	7.69	25.12	67.20	35.10	.08	.37
SPRING	I	3	AMBG	3	9.27	3.30	-.21	.82	9.23	24.66	66.11	35.30	.10	.37
SPRING	I	3	AMBI	4	8.95	3.37	-.12	.78	9.86	31.12	59.02	36.29	.11	.53
SPRING	I	3	AMBK	5	9.25	3.25	-.17	.79	6.38	28.22	65.39	39.97	.07	.43
SPRING	I	3	AMBM	6	9.42	3.17	-.19	.78	4.42	27.36	68.22	41.60	.05	.40
SPRING	I	3	ANTS	7	9.24	3.25	-.16	.80	7.91	26.16	65.93	38.18	.09	.40
SPRING	I	4	AMCY	1	5.36	3.26	.84	1.05	63.81	14.99	21.20	13.48	1.76	.71
SPRING	I	4	AMDA	2	5.67	3.54	.80	.81	61.08	13.15	25.76	16.79	1.57	.51
SPRING	I	4	AMDC	3	5.11	3.14	.87	1.79	67.24	13.84	18.92	12.85	2.05	.73
SPRING	I	4	AMDE	4	5.78	3.49	.84	.78	58.00	15.48	26.52	17.29	1.38	.58
SPRING	I	4	AMDG	5	4.72	2.90	.84	2.46	72.21	11.29	16.51	11.30	2.60	.68
SPRING	I	4	AMDI	6	6.16	3.71	.76	.61	50.06	15.01	34.93	22.67	1.00	.43

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	I	4	ANTT	7	5.17	3.02	.85	2.05	66.23	15.28	18.49	12.17	1.96	.83
SPRING	I	4	AMES	1	9.17	3.35	-.18	.80	9.99	26.68	63.33	41.61	.11	.42
SPRING	I	5	AMEU	2	8.02	3.63	.03	.70	18.69	31.07	50.24	30.55	.23	.62
SPRING	I	5	AMEW	3	7.89	3.57	.13	.61	17.69	34.78	47.53	30.43	.21	.73
SPRING	I	5	AMEY	4	8.05	3.56	.09	.64	15.62	35.27	49.11	32.50	.19	.72
SPRING	I	5	AMFA	5	9.56	3.09	-.16	.86	6.23	26.63	67.13	41.72	.07	.40
SPRING	I	5	AMFC	6	9.87	2.81	-.16	.79	1.99	26.12	71.89	46.25	.02	.36
SPRING	I	5	ANTU	7	10.03	2.64	-.13	.79	1.48	24.13	74.39	46.08	.02	.32
SPRING	I	6	AMGM	1	7.52	3.53	.26	.65	19.24	38.24	42.53	26.00	.24	.90
SPRING	I	6	AMGO	2	7.63	3.50	.24	.65	17.16	39.78	43.06	26.37	.21	.92
SPRING	I	6	AMGQ	3	7.81	3.48	.21	.66	14.59	41.05	44.36	28.81	.17	.93
SPRING	I	6	AMGS	4	7.74	3.52	.24	.64	15.33	40.42	44.25	29.28	.18	.91
SPRING	I	6	AMGU	5	7.47	3.49	.29	.65	19.36	39.35	41.28	24.95	.24	.95
SPRING	I	6	AMGW	6	7.50	3.56	.26	.63	20.18	37.42	42.40	26.52	.25	.88
SPRING	I	6	ANTV	7	7.72	3.44	.29	.65	11.41	45.08	43.50	27.49	.13	1.04
SPRING	II	1	AMIF	1	7.56	3.37	.35	.68	12.12	47.18	40.70	25.01	.14	1.16
SPRING	II	1	AMIH	2	7.85	3.46	.17	.63	14.35	39.59	46.06	26.79	.17	.86
SPRING	II	1	AMIJ	3	6.94	3.33	.65	.67	16.53	49.00	34.48	23.15	.20	1.42
SPRING	II	1	AMIL	4	7.85	3.50	.20	.61	14.48	39.52	46.00	29.86	.17	.86
SPRING	II	1	AMIN	5	6.26	3.03	.75	1.20	21.59	55.48	22.93	15.45	.28	2.42
SPRING	II	1	AMIP	6	5.68	2.50	.76	2.60	20.20	62.76	17.04	11.47	.25	3.68
SPRING	II	1	ANTW	7	7.18	3.31	.52	.68	13.97	49.12	36.91	22.64	.16	1.33
SPRING	II	2	AMKG	1	7.72	3.36	.33	.63	8.01	48.69	43.29	27.13	.09	1.12
SPRING	II	2	AMKI	2	7.83	3.35	.25	.65	8.43	46.55	45.02	26.29	.09	1.03
SPRING	II	2	AMKK	3	7.17	3.31	.56	.66	12.57	49.59	37.84	23.09	.14	1.31
SPRING	II	2	AMKM	4	7.59	3.36	.37	.64	10.45	47.31	42.24	25.80	.12	1.12
SPRING	II	2	AMKO	5	7.72	3.42	.33	.64	7.74	49.68	42.58	28.35	.08	1.17
SPRING	II	2	AMKQ	6	7.44	3.43	.36	.65	16.74	42.31	40.95	24.64	.20	1.03

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	2	ANTX	7	7.65	3.45	.32	.60	14.37	41.62	44.01	30.82	.17	.95
SPRING	II	3	AMMH	1	9.19	3.19	-.12	.70	3.69	34.96	61.35	39.88	.04	.57
SPRING	II	3	AMMJ	2	8.93	3.23	-.06	.74	5.28	33.75	60.97	35.68	.06	.55
SPRING	II	3	AMML	3	8.56	3.57	-.11	.72	12.29	28.77	58.94	36.84	.14	.49
SPRING	II	3	AMMN	4	9.59	2.97	-.13	.81	2.82	29.04	68.14	40.71	.03	.43
SPRING	II	3	AMMP	5	9.17	3.15	-.10	.75	2.49	41.05	56.46	37.31	.03	.73
SPRING	II	3	AMMR	6	9.34	3.19	-.17	.79	6.03	28.31	65.66	39.71	.06	.43
SPRING	II	3	ANTY	7	9.57	3.00	-.14	.80	3.41	29.56	67.03	41.34	.04	.44
SPRING	II	4	AMOD	1	6.32	3.19	.79	.87	28.33	45.28	26.39	17.39	.40	1.72
SPRING	II	4	AMOF	2	7.60	3.40	.37	.62	11.01	45.08	43.91	26.73	.12	1.03
SPRING	II	4	AMOH	3	7.28	3.29	.54	.65	8.46	53.46	38.08	24.08	.09	1.40
SPRING	II	4	AMOJ	4	6.92	3.31	.64	.68	16.06	49.96	33.98	21.93	.19	1.47
SPRING	II	4	AMOL	5	6.74	3.26	.74	.72	15.49	53.00	31.51	21.20	.18	1.68
SPRING	II	4	AMON	6	7.95	3.40	.24	.63	7.73	45.40	46.86	30.29	.08	.97
SPRING	II	4	ANTZ	7	6.73	3.30	.73	.70	18.49	49.61	31.90	21.35	.23	1.56
SPRING	II	5	AMPV	1	9.65	2.89	-.14	.73	.10	32.17	67.73	43.79	.00	.47
SPRING	II	5	AMPX	2	8.20	3.36	.14	.63	5.33	45.34	49.33	31.17	.06	.92
SPRING	II	5	AMPZ	3	8.92	3.27	-.08	.70	4.56	37.17	58.26	36.62	.05	.64
SPRING	II	5	AMQB	4	8.87	3.29	-.08	.69	4.33	36.71	58.96	36.56	.05	.62
SPRING	II	5	AMQD	5	8.85	3.29	-.08	.67	3.87	38.41	57.72	35.81	.04	.67
SPRING	II	5	AMGF	6	8.71	3.39	-.05	.70	6.96	35.69	57.35	37.66	.07	.62
SPRING	II	5	ANUA	7	8.40	3.37	.06	.64	6.21	41.58	52.21	33.04	.07	.80
SPRING	II	6	AMRN	1	8.40	3.50	-.02	.67	10.85	35.30	53.85	34.23	.12	.66
SPRING	II	6	AMRP	2	9.13	3.08	-.03	.74	1.61	37.75	60.64	36.77	.02	.62
SPRING	II	6	AMRR	3	9.38	3.08	-.13	.73	1.84	34.38	63.79	41.85	.02	.54
SPRING	II	6	AMRT	4	8.92	3.23	-.04	.72	5.89	35.98	58.13	36.22	.06	.62
SPRING	II	6	AMRV	5	8.98	3.18	-.05	.73	3.76	37.48	58.76	35.55	.04	.64
SPRING	II	6	AMRX	6	9.12	3.19	-.09	.74	4.90	34.14	60.96	37.42	.05	.56

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	6	ANUB	7	8.96	3.24	-.07	.73	4.85	35.91	59.24	37.00	.05	.61
SPRING	III	1	AMWH	1	8.74	3.30	.01	.69	7.78	37.68	54.54	36.35	.08	.69
SPRING	III	1	AMWJ	2	8.08	3.34	.23	.63	4.29	48.38	47.34	31.72	.04	1.02
SPRING	III	1	AMWL	3	8.43	3.30	.10	.65	3.85	44.70	51.46	32.99	.04	.87
SPRING	III	1	AMWN	4	8.56	3.30	.05	.64	2.95	44.20	52.85	34.28	.03	.84
SPRING	III	1	AMWP	5	8.60	3.29	.04	.66	3.22	43.92	52.85	34.50	.03	.83
SPRING	III	1	AMWR	6	8.43	3.24	.11	.67	4.38	44.37	51.25	30.19	.05	.87
SPRING	III	1	ANUG	7	8.20	3.36	.17	.61	4.76	46.26	48.99	32.49	.05	.94
SPRING	III	2	AMYH	1	8.23	3.65	-.06	.67	16.21	30.94	52.85	31.30	.19	.59
SPRING	III	2	AMYJ	2	9.27	3.12	-.12	.70	2.82	35.40	61.78	42.40	.03	.57
SPRING	III	2	AMYL	3	9.04	3.31	-.13	.73	7.11	32.07	60.82	38.48	.08	.53
SPRING	III	2	AMYN	4	8.88	3.26	-.02	.70	2.80	36.17	61.03	40.50	.03	.59
SPRING	III	2	AMYP	5	9.16	3.17	-.10	.73	2.82	35.40	61.78	38.64	.03	.57
SPRING	III	2	AMYR	6	9.64	2.91	-.15	.76	.69	30.00	69.31	42.53	.01	.43
SPRING	III	2	ANUH	7	9.72	2.83	-.13	.75	.45	30.05	69.50	43.11	.00	.43
SPRING	III	3	ANAE	1	9.06	3.10	-.04	.75	3.04	36.79	60.17	34.70	.03	.61
SPRING	III	3	ANAG	2	9.47	2.99	-.11	.73	1.90	33.34	64.76	42.07	.02	.51
SPRING	III	3	ANAI	3	9.79	2.87	-.18	.75	.81	28.96	70.23	46.12	.01	.41
SPRING	III	3	ANAK	4	9.29	3.09	-.10	.72	2.59	34.89	62.52	40.82	.03	.56
SPRING	III	3	ANAM	5	9.32	3.04	-.09	.72	1.12	35.00	63.89	39.56	.01	.55
SPRING	III	3	ANAO	6	9.18	3.06	-.05	.73	1.55	36.02	62.42	36.95	.02	.58
SPRING	III	3	ANUI	7	8.92	3.18	-.02	.69	2.09	40.79	57.13	36.51	.02	.71
SPRING	III	4	ANCA	1	3.87	1.46	.67	6.19	73.81	16.95	9.24	6.64	2.82	1.83
SPRING	III	4	ANCC	2	3.81	1.23	.61	6.18	78.28	13.21	8.51	3.47	3.60	1.55
SPRING	III	4	ANCE	3	3.77	.94	.60	5.17	79.94	14.89	5.17	4.46	3.99	2.88
SPRING	III	4	ANCG	4	3.67	.45	.48	1.35	81.73	14.50	3.77	3.41	4.47	3.84
SPRING	III	4	ANCI	5	4.46	1.99	.79	3.58	60.26	27.06	12.68	9.16	1.52	2.13
SPRING	III	4	ANCK	6	3.85	1.40	.61	4.96	73.08	19.37	7.55	5.79	2.72	2.56

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	III	4	ANUJ	7	3.84	1.39	.65	5.94	74.17	17.57	8.26	5.94	2.87	2.13
SPRING	III	5	ANDU	1	9.03	3.27	-.11	.67	4.96	35.13	59.91	39.52	.05	.59
SPRING	III	5	ANDW	2	8.64	3.38	.01	.62	4.13	41.39	54.49	39.75	.04	.76
SPRING	III	5	ANDY	3	9.14	3.29	-.18	.62	4.33	31.61	64.06	40.12	.05	.49
SPRING	III	5	ANEA	4	9.10	3.28	-.18	.71	4.81	35.16	60.04	34.61	.05	.59
SPRING	III	5	ANEC	5	9.28	3.12	-.11	.72	1.53	35.12	63.35	40.65	.02	.55
SPRING	III	5	ANEE	6	8.38	3.30	.10	.64	3.24	45.51	51.25	31.69	.03	.89
SPRING	III	5	ANUK	7	9.88	2.73	-.14	.72	1.76	27.52	70.71	46.96	.02	.39
SPRING	III	6	ANFM	1	9.59	2.97	-.13	.81	2.54	29.19	68.26	41.06	.03	.43
SPRING	III	6	ANFO	2	9.67	2.83	-.10	.77	1.53	28.60	69.88	41.67	.02	.41
SPRING	III	6	ANFQ	3	9.58	3.00	-.16	.77	2.06	31.08	66.86	42.14	.02	.46
SPRING	III	6	ANFS	4	9.38	3.11	-.14	.76	3.51	31.06	65.44	40.29	.04	.47
SPRING	III	6	ANFU	5	9.59	2.96	-.15	.76	2.41	29.33	68.26	42.67	.02	.43
SPRING	III	6	ANFW	6	9.53	2.94	-.11	.75	1.46	31.52	67.02	41.48	.01	.47
SPRING	III	6	ANUL	7	9.20	3.04	-.04	.70	1.85	37.65	60.50	38.66	.02	.62
SPRING	IV	1	ANHE	1	4.54	2.95	.87	3.41	76.23	7.38	16.39	11.55	3.21	.45
SPRING	IV	1	ANGH	2	3.66	2.35	.80	4.68	80.97	6.21	12.82	8.92	4.25	.48
SPRING	IV	1	ANHI	3	5.15	3.57	.81	1.23	65.52	13.28	21.20	14.24	1.90	.63
SPRING	IV	1	ANHK	4	3.27	1.83	.77	5.55	82.16	6.92	10.92	6.93	4.61	.63
SPRING	IV	1	ANHM	5	4.48	2.91	.86	2.56	72.48	11.50	16.02	10.68	2.63	.72
SPRING	IV	1	ANHO	6	4.28	2.65	.88	2.38	71.10	14.96	13.95	9.48	2.46	1.07
SPRING	IV	1	ANUM	7	4.54	2.88	.85	2.48	70.84	13.20	15.96	11.76	2.43	.83
SPRING	IV	2	ANJE	1	7.32	4.03	.10	.53	35.05	19.83	45.12	31.11	.54	.44
SPRING	IV	2	ANJG	2	5.88	3.78	.76	.62	50.46	17.19	32.35	20.81	1.02	.53
SPRING	IV	2	ANJI	3	6.15	3.84	.60	.61	46.33	18.78	34.89	21.68	.86	.54
SPRING	IV	2	ANJK	4	6.68	3.94	.39	.56	45.11	16.49	38.41	27.01	.82	.43
SPRING	IV	2	ANJM	5	5.81	3.82	.79	.62	51.03	17.46	31.51	21.57	1.04	.55
SPRING	IV	2	ANJO	6	6.49	3.88	.45	.58	47.28	15.63	37.09	23.66	.90	.42

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	2	ANUN	7	6.43	3.92	.47	.59	46.81	16.47	36.72	24.07	.88	.45
SPRING	IV	3	ANLB	1	9.48	3.04	-.13	.78	4.74	30.09	65.17	41.07	.05	.46
SPRING	IV	3	ANLD	2	9.77	2.81	-.14	.76	2.21	27.57	70.22	44.47	.02	.39
SPRING	IV	3	ANLF	3	9.38	3.10	-.13	.79	4.37	30.75	64.88	39.14	.05	.47
SPRING	IV	3	ANLH	4	9.26	3.11	-.10	.72	3.35	34.45	62.20	40.60	.03	.55
SPRING	IV	3	ANLJ	5	9.61	2.89	-.11	.77	2.60	28.51	68.89	41.05	.03	.41
SPRING	IV	3	ANLL	6	9.52	3.18	-.19	.81	5.78	28.97	65.25	42.95	.06	.44
SPRING	IV	3	ANUO	7	9.14	3.31	-.13	.84	10.73	26.43	62.84	37.57	.12	.42
SPRING	IV	4	ANMX	1	3.82	2.22	.86	2.77	74.21	12.96	12.83	7.71	2.88	1.01
SPRING	IV	4	ANMZ	2	3.26	1.68	.79	2.37	74.01	17.85	8.14	5.29	2.85	2.19
SPRING	IV	4	ANNB	3	3.22	1.56	.78	3.92	81.44	12.18	6.37	4.69	4.39	1.91
SPRING	IV	4	ANND	4	4.16	2.52	.86	3.00	74.56	11.67	13.77	8.86	2.93	.85
SPRING	IV	4	ANNF	5	3.66	2.10	.83	3.76	78.44	9.54	12.02	7.52	3.64	.79
SPRING	IV	4	ANNH	6	3.36	1.81	.73	3.19	77.53	12.50	9.96	6.14	3.45	1.26
SPRING	IV	4	ANUP	7	4.41	2.73	.87	2.58	72.16	12.59	15.25	9.27	2.59	.83
SPRING	IV	5	ANOP	1	8.55	3.62	-.10	.74	13.54	31.58	54.88	34.90	.16	.58
SPRING	IV	5	ANOR	2	8.80	3.60	-.16	.77	12.47	29.12	58.42	38.81	.14	.50
SPRING	IV	5	ANOT	3	5.69	3.70	.78	.69	52.00	19.74	28.26	18.68	1.08	.70
SPRING	IV	5	ANOV	4	5.43	3.46	.95	.80	56.01	18.81	25.18	16.05	1.27	.75
SPRING	IV	5	ANOX	5	5.27	3.62	.90	.85	57.61	18.35	24.04	16.56	1.36	.76
SPRING	IV	5	ANOZ	6	5.51	3.70	.83	.70	56.11	16.70	27.19	17.49	1.28	.61
SPRING	IV	5	ANUQ	7	5.12	3.53	.92	.99	64.63	13.25	22.12	14.92	1.83	.60
SPRING	IV	6	ANQH	1	6.36	3.86	.52	.59	45.47	19.28	35.25	23.44	.83	.55
SPRING	IV	6	ANQJ	2	6.72	3.95	.35	.57	42.84	18.40	38.76	25.88	.75	.47
SPRING	IV	6	ANQL	3	7.25	3.96	.12	.56	32.59	22.50	44.90	28.03	.48	.50
SPRING	IV	6	ANQN	4	6.89	3.93	.27	.56	42.43	16.93	40.64	25.51	.74	.42
SPRING	IV	6	ANQP	5	6.68	3.96	.37	.57	48.39	13.82	37.79	26.13	.94	.37
SPRING	IV	6	ANQR	6	7.39	3.97	.04	.56	29.54	24.14	46.32	28.27	.42	.52

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	6	ANUR	7	5.72	3.79	.80	.64	52.14	16.67	31.19	19.75	1.09	.53
SPRING	IV	7	ANRZ	1	9.63	2.79	-.06	.75	.85	30.22	68.93	41.37	.01	.44
SPRING	IV	7	ANSB	2	9.60	2.82	-.05	.76	1.10	29.76	69.14	43.44	.01	.43
SPRING	IV	7	ANSD	3	9.58	2.81	-.06	.77	.67	30.14	69.19	39.65	.01	.44
SPRING	IV	7	ANSF	4	9.61	2.82	-.08	.77	2.07	28.90	69.03	40.86	.02	.42
SPRING	IV	7	ANSH	5	5.41	2.73	.86	2.50	57.76	23.96	18.28	10.92	1.37	1.31
SPRING	IV	7	ANSJ	6	9.58	2.81	-.06	.79	1.57	29.40	69.02	38.17	.02	.43
SPRING	IV	7	ANUS	7	9.67	2.79	-.08	.76	.75	29.74	69.51	41.56	.01	.43
DECEMBER	II	1	AVXZ	1	6.06	3.13	.78	1.16	37.36	40.40	22.24	15.53	.60	1.82
DECEMBER	II	1	AVYC	2	6.41	3.07	.69	1.03	18.46	56.72	24.83	15.92	.23	2.28
DECEMBER	II	1	AVYF	3	8.14	3.47	.09	.70	11.65	38.86	49.49	29.47	.13	.79
DECEMBER	II	1	AVYI	4	8.37	3.56	-.02	.72	13.55	33.60	52.85	34.37	.16	.64
DECEMBER	II	1	AVYL	5	7.60	3.19	.45	.69	4.49	57.28	38.22	24.11	.05	1.50
DECEMBER	II	1	AVYO	6	7.83	3.56	.13	.65	17.40	35.26	47.34	28.05	.21	.74
DECEMBER	II	1	AVYV	7	6.21	3.22	.76	.91	32.50	41.77	25.73	16.56	.48	1.62
DECEMBER	II	2	AVZM	1	7.30	3.32	.49	.66	11.19	51.17	37.65	23.56	.13	1.36
DECEMBER	II	2	AVZP	2	7.28	3.38	.48	.65	14.33	47.73	37.94	25.02	.17	1.26
DECEMBER	II	2	AVZS	3	6.85	3.26	.65	.72	16.29	51.44	32.27	20.86	.19	1.59
DECEMBER	II	2	AVZV	4	7.53	3.38	.40	.64	10.95	46.96	42.09	26.99	.12	1.12
DECEMBER	II	2	AVZY	5	7.08	3.27	.60	.68	11.44	54.49	34.07	22.88	.13	1.60
DECEMBER	II	2	AWAB	6	6.82	3.33	.66	.69	19.43	47.66	32.91	22.05	.24	1.45
DECEMBER	II	2	AWAI	7	7.60	3.46	.33	.65	13.32	44.45	42.23	27.31	.15	1.05
DECEMBER	II	3	AWAT	1	9.47	3.05	-.15	.77	3.57	30.40	66.03	41.05	.04	.46
DECEMBER	II	3	AWAW	2	9.42	2.98	-.08	.78	3.17	31.72	65.11	38.44	.03	.49
DECEMBER	II	3	AWAZ	3	9.13	3.13	-.08	.74	2.92	35.86	61.22	36.75	.03	.59
DECEMBER	II	3	AWBC	4	9.43	2.97	-.10	.75	3.08	30.08	66.84	39.37	.03	.45
DECEMBER	II	3	AWBF	5	9.35	3.05	-.10	.78	2.65	33.06	64.30	38.32	.03	.51
DECEMBER	II	3	AWBI	6	9.36	2.94	-.05	.77	2.39	32.56	65.05	36.17	.02	.50

TABLE 2

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
DECEMBER	II	3	AWBP	7	9.37	2.97	-.06	.75	2.13	33.11	64.76	39.14	.02	.51
DECEMBER	II	4	AWCA	1	7.97	3.39	.17	.64	8.54	44.64	46.82	27.52	.09	.95
DECEMBER	II	4	AWCD	2	8.14	3.45	.13	.62	9.85	40.83	49.33	32.20	.11	.83
DECEMBER	II	4	AWCG	3	8.16	3.45	.09	.63	10.51	39.52	49.97	30.50	.12	.79
DECEMBER	II	4	AWCJ	4	7.46	3.54	.30	.61	23.85	32.81	43.34	26.47	.31	.76
DECEMBER	II	4	AWCM	5	7.46	3.35	.41	.65	11.47	48.35	40.17	24.90	.13	1.20
DECEMBER	II	4	AWCP	6	6.96	3.32	.60	.68	17.01	48.39	34.60	21.83	.20	1.40
DECEMBER	II	4	AWCW	7	7.32	3.36	.49	.64	12.49	48.79	38.72	25.40	.14	1.26
DECEMBER	II	5	AWDF	1	8.36	3.35	.07	.66	6.17	42.15	51.68	30.87	.07	.82
DECEMBER	II	5	AWDI	2	8.70	3.34	-.04	.68	5.59	38.85	55.56	35.20	.06	.70
DECEMBER	II	5	AWDL	3	7.75	3.40	.28	.63	10.96	46.06	42.99	27.31	.12	1.07
DECEMBER	II	5	AWDO	4	8.07	3.39	.16	.64	8.43	43.48	48.10	29.29	.09	.90
DECEMBER	II	5	AWDR	5	8.10	3.37	.16	.64	6.75	44.96	48.28	29.56	.07	.93
DECEMBER	II	5	AWDU	6	8.44	3.38	.02	.68	6.91	39.68	53.42	32.57	.07	.74
DECEMBER	II	5	AWEB	7	7.65	3.27	.28	.70	9.24	47.85	42.90	22.04	.10	1.12
DECEMBER	II	6	AWEK	1	9.34	2.99	-.06	.75	2.96	33.76	63.28	39.08	.03	.53
DECEMBER	II	6	AWEN	2	9.46	3.03	-.12	.75	3.27	32.36	64.37	44.14	.03	.50
DECEMBER	II	6	AWEQ	3	9.18	3.13	-.13	.71	2.61	38.29	59.10	33.23	.03	.65
DECEMBER	II	6	AWET	4	8.64	3.32	-.02	.69	1.74	41.95	56.31	34.83	.02	.75
DECEMBER	II	6	AWEW	5	8.89	3.20	-.03	.73	4.59	37.95	57.46	34.73	.05	.66
DECEMBER	II	6	AWEZ	6	9.43	2.91	-.06	.72	2.09	33.03	64.88	40.28	.02	.51
DECEMBER	II	6	AWFG	7	9.40	2.79	-.03	.83	1.53	31.33	67.15	29.45	.02	.47

TABLE 3

SEDIMENT PARAMETERS COMPUTED BY MOMENT MEASURES
CALCULATED AS THOUGH THE RAW DATA WERE OBTAINED
BY THE COULTER COUNTER METHOD

Key to Table:

PERIOD	Month or Season
TRAN	Transect
STA	Station
SAMP	Sample Code
REP	Replicate Number
MEAN	Mean
SD	Standard Deviation
SKEW	Coefficient of Skewness
KURT	Coefficient of Kurtosis

SAND, SILT, CLAY, >10.6	Percents	Percentage of total weight in the sand, silt and clay categories and in the fraction greater than 10.6 phi.
SA/MUD	Ratios	Ratio of sand weight to mud weight.
SI/CL	Ratios	Ratio of silt weight to clay weight.

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	1	AJTP	1	5.62	2.27	.66	-1.00	38.80	41.00	20.21	24.73	.63	2.03
MARCH	II	1	AJTR	2	5.80	2.34	.52	-1.25	32.89	38.10	29.01	25.94	.49	1.31
MARCH	II	1	AJTT	3	5.85	2.06	.62	-.80	23.64	57.83	18.53	24.73	.31	3.12
MARCH	II	1	AJTV	4	5.26	1.94	.95	.02	35.63	53.10	11.27	18.60	.55	4.71
MARCH	II	1	AJTX	5	5.03	1.81	1.50	1.20	33.06	56.81	10.13	14.16	.49	5.61
MARCH	II	1	AJTZ	6	5.59	2.17	.76	-.77	30.94	51.12	17.94	23.55	.45	2.85
MARCH	II	1	AKCC	7	5.90	2.23	.46	-1.15	27.73	50.81	21.46	26.67	.38	2.37
MARCH	II	2	AJVJ	1	6.51	2.01	.34	-1.12	9.35	65.48	25.17	33.33	.10	2.60
MARCH	II	2	AJVL	2	6.46	2.04	.38	-1.14	9.12	65.02	25.86	31.76	.10	2.51
MARCH	II	2	AJVN	3	6.19	2.07	.51	-1.04	15.68	61.53	22.79	28.55	.19	2.70
MARCH	II	2	AJVP	4	6.01	2.11	.55	-.98	19.96	59.63	20.41	27.09	.25	2.92
MARCH	II	2	AJVR	5	6.27	2.05	.40	-1.06	14.00	63.24	22.75	31.80	.16	2.78
MARCH	II	2	AJVT	6	5.74	2.20	.54	-1.01	34.77	45.73	19.50	27.32	.53	2.35
MARCH	II	2	AKCE	7	6.52	2.00	.33	-1.13	8.66	65.30	26.04	33.23	.09	2.51
MARCH	II	3	AJYF	1	7.54	1.81	-.20	-1.10	1.81	55.13	43.06	46.71	.02	1.28
MARCH	II	3	AJYH	2	7.33	1.87	-.14	-1.11	4.02	55.92	40.05	45.38	.04	1.40
MARCH	II	3	AJYJ	3	7.47	1.84	-.24	-1.02	3.03	54.86	42.11	46.47	.03	1.30
MARCH	II	3	AJYL	4	7.58	1.79	-.28	-.88	3.23	52.97	43.80	45.70	.03	1.21
MARCH	II	3	AJYN	5	7.34	1.80	-.16	-.93	3.42	60.58	36.00	49.95	.04	1.68
MARCH	II	3	AJYP	6	7.19	1.92	-.13	-1.12	6.36	55.18	38.45	43.69	.07	1.44
MARCH	II	3	AKCH	7	7.45	1.79	-.06	-1.21	.32	59.30	40.38	45.11	.00	1.47
MARCH	II	4	AJUO	1	6.70	2.14	.11	-1.37	12.36	48.56	39.08	35.86	.14	1.24
MARCH	II	4	AJUQ	2	6.78	1.91	.23	-1.12	4.97	67.47	27.56	40.12	.05	2.45
MARCH	II	4	AJUS	3	5.94	2.14	.58	-1.01	22.19	56.31	21.50	27.55	.29	2.62
MARCH	II	4	AJUU	4	6.70	2.03	.22	-1.26	7.63	63.00	29.37	34.72	.08	2.15
MARCH	II	4	AJUW	5	6.83	2.02	.17	-1.25	6.52	62.69	30.79	38.64	.07	2.04
MARCH	II	4	AJUY	6	6.72	2.06	.12	-1.22	9.92	59.08	31.00	36.85	.11	1.91

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	4	AKCD	7	6.74	1.88	.37	-1.16	5.81	65.41	28.78	34.37	.06	2.27
MARCH	II	5	AJWL	1	6.62	2.19	-.06	-1.05	17.34	54.06	28.60	35.91	.21	1.89
MARCH	II	5	AJWN	2	6.61	2.09	.19	-1.24	12.28	57.86	29.86	34.12	.14	1.94
MARCH	II	5	AJWP	3	6.37	1.97	.36	-.99	11.33	64.68	23.99	35.59	.13	2.70
MARCH	II	5	AJWR	4	6.69	2.15	.09	-1.28	14.36	54.84	30.80	35.19	.17	1.78
MARCH	II	5	AJWT	5	6.74	2.00	.20	-1.21	6.22	64.21	29.57	38.14	.07	2.17
MARCH	II	5	AJWV	6	6.44	2.02	.39	-1.17	8.32	66.30	25.38	32.79	.09	2.61
MARCH	II	5	AKCF	7	6.95	1.98	.04	-1.19	6.75	60.14	33.11	38.78	.07	1.82
MARCH	II	6	AJXH	1	7.78	1.66	-.33	-.81	.70	53.41	45.89	49.90	.01	1.16
MARCH	II	6	AJXJ	2	8.00	1.54	-.30	-1.00	.09	49.02	50.88	52.36	.00	.96
MARCH	II	6	AJXL	3	7.44	1.73	-.09	-1.02	2.60	59.25	38.15	47.50	.03	1.55
MARCH	II	6	AJXN	4	7.44	1.79	-.09	-1.11	2.41	58.50	39.09	47.28	.02	1.50
MARCH	II	6	AJXQ	5	7.96	1.80	-.44	-1.06	1.13	47.00	51.88	34.71	.01	.91
MARCH	II	6	AJXS	6	7.32	1.72	-.01	-.96	2.79	61.79	35.42	48.18	.03	1.74
MARCH	II	6	AKCG	7	7.53	1.69	-.06	-1.18	1.03	56.70	42.27	46.77	.01	1.34
APRIL	II	1	AKLY	1	5.88	2.04	.66	-.82	22.26	58.38	19.36	25.44	.29	3.02
APRIL	II	1	AKMA	2	5.39	2.08	.97	-.40	32.17	51.85	15.98	21.00	.47	3.24
APRIL	II	1	AKMC	3	5.43	2.10	.97	-.38	32.04	51.99	15.97	19.80	.47	3.26
APRIL	II	1	AKME	4	6.03	2.11	.62	-1.02	16.63	61.10	22.27	25.61	.20	2.74
APRIL	II	1	AKMG	5	6.04	2.18	.61	-1.12	17.44	57.91	24.66	24.20	.21	2.35
APRIL	II	1	AKMI	6	6.66	2.13	.15	-1.31	10.89	58.73	30.38	31.58	.12	1.93
APRIL	II	1	AKMQ	7	5.87	2.20	.55	-1.06	27.11	51.58	21.30	24.46	.37	2.42
APRIL	II	2	AKNX	1	6.42	2.08	.30	-1.13	12.76	61.11	26.12	30.82	.15	2.34
APRIL	II	2	AKNZ	2	6.24	2.11	.42	-1.13	15.38	60.47	24.15	29.71	.18	2.50
APRIL	II	2	AKOB	3	5.93	2.03	.75	-.78	15.01	65.88	19.11	24.26	.18	3.45
APRIL	II	2	AKOD	4	5.78	2.12	.66	-.84	25.83	55.08	19.09	25.25	.35	2.89
APRIL	II	2	AKOE	5	6.06	2.08	.38	-.63	13.54	65.59	20.87	25.62	.16	3.14
APRIL	II	2	AKOG	6	5.70	2.04	.87	-.59	22.17	59.48	18.35	20.71	.28	3.24

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	2	AKOH	7	5.84	2.19	.55	-1.01	28.23	50.39	21.38	23.35	.39	2.36
APRIL	II	2	AKQS	1	7.52	1.91	-.31	-1.02	4.48	52.19	43.33	39.87	.05	1.20
APRIL	II	3	AKQU	2	7.25	1.99	-.18	-1.11	5.89	55.10	39.01	41.24	.06	1.41
APRIL	II	3	AKQW	3	7.90	1.88	-.53	-.92	2.90	43.33	53.76	34.93	.03	.81
APRIL	II	3	AKQY	4	7.26	1.98	-.22	-1.11	5.43	53.16	41.41	42.94	.06	1.28
APRIL	II	3	AKRA	5	7.28	1.91	-.21	-1.07	4.53	56.08	39.39	43.29	.05	1.42
APRIL	II	3	AKRC	6	7.46	1.94	-.32	-.97	5.61	50.58	43.81	43.40	.06	1.15
APRIL	II	3	AKRK	7	7.49	1.85	-.22	-1.01	2.84	54.67	42.50	43.18	.03	1.29
APRIL	II	4	AKMZ	1	6.42	1.91	.48	-.98	6.85	69.84	23.31	32.37	.07	3.00
APRIL	II	4	AKNB	2	5.92	2.07	.71	-.88	16.67	62.54	20.79	23.89	.20	3.01
APRIL	II	4	AKND	3	5.85	2.06	.69	-.80	19.23	60.64	20.12	25.52	.24	3.01
APRIL	II	4	AKNF	4	5.94	2.11	.67	-.93	18.11	60.80	21.09	26.18	.22	2.88
APRIL	II	4	AKNH	5	6.61	2.05	.29	-1.28	7.67	62.46	29.87	33.77	.08	2.09
APRIL	II	4	AKNJ	6	6.30	2.10	.32	-1.13	16.34	59.39	24.27	29.77	.20	2.45
APRIL	II	4	AKNR	7	6.56	2.00	.28	-1.20	8.47	63.51	28.01	34.93	.09	2.27
APRIL	II	5	AKOW	1	6.73	2.11	.13	-1.30	11.20	58.34	30.46	35.53	.13	1.92
APRIL	II	5	AKOY	2	6.99	2.05	-.07	-1.37	6.96	48.59	44.45	41.17	.07	1.09
APRIL	II	5	AKPA	3	6.94	1.99	-.02	-1.12	7.66	57.87	34.47	38.68	.08	1.68
APRIL	II	5	AKPC	4	7.10	1.96	-.07	-1.17	6.04	57.22	36.74	38.47	.06	1.56
APRIL	II	5	AKPE	5	7.05	2.00	-.01	-1.26	4.60	59.62	35.78	38.05	.05	1.67
APRIL	II	5	AKPG	6	6.58	2.02	.38	-1.19	7.50	63.73	28.78	28.68	.08	2.21
APRIL	II	5	AKPO	7	6.63	2.08	.27	-1.29	8.23	61.32	30.45	31.90	.09	2.01
APRIL	II	6	AKPU	1	7.46	1.77	-.11	-1.12	1.25	58.36	40.40	46.03	.01	1.44
APRIL	II	6	AKPW	2	7.38	1.79	-.20	-.87	4.36	57.59	38.05	41.84	.05	1.51
APRIL	II	6	AKPY	3	7.57	1.70	-.14	-1.03	1.25	56.45	42.30	41.72	.01	1.33
APRIL	II	6	AKQA	4	7.43	1.71	-.05	-1.08	.60	59.92	39.48	47.90	.01	1.52
APRIL	II	6	AKQC	5	7.50	1.67	-.08	-1.07	.53	58.66	40.81	47.58	.01	1.44
APRIL	II	6	AKQE	6	7.42	1.74	-.08	-1.10	.99	59.33	39.68	44.27	.01	1.50

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	6	AKQM	7	7.30	1.87	-.08	-1.12	3.75	58.00	38.25	41.71	.04	1.52
JULY	II	1	AOHV	1	6.55	2.09	.26	-1.28	10.60	59.99	29.40	30.40	.12	2.04
JULY	II	1	AOHX	2	6.76	2.10	.10	-1.29	10.69	57.18	32.12	31.01	.12	1.78
JULY	II	1	AOHZ	3	6.23	2.15	.45	-1.16	16.66	57.79	25.55	26.26	.20	2.26
JULY	II	1	AOIB	4	6.17	2.01	.59	-.94	10.78	66.51	22.71	29.06	.12	2.93
JULY	II	1	AOID	5	5.78	2.01	.78	-.61	20.93	60.72	18.35	24.08	.26	3.31
JULY	II	1	AOIE	6	6.23	2.09	.45	-1.09	15.63	59.67	24.69	27.75	.19	2.42
JULY	II	1	AOIU	7	6.05	2.15	.58	-1.04	20.62	56.79	22.59	26.66	.26	2.51
JULY	II	2	AOIW	1	6.01	2.04	.70	-.84	14.37	64.72	20.91	25.15	.17	3.09
JULY	II	2	AOIY	2	6.54	2.01	.35	-1.17	8.05	64.48	27.47	30.94	.09	2.35
JULY	II	2	AOJA	3	6.63	2.02	.28	-1.22	7.39	63.75	28.86	30.89	.08	2.21
JULY	II	2	AOJC	4	6.07	2.21	.39	-1.12	22.76	53.29	23.95	26.72	.29	2.22
JULY	II	2	AOJE	5	5.86	2.10	.67	-.81	23.27	57.17	19.56	25.19	.30	2.92
JULY	II	2	AOJG	6	6.13	2.05	.58	-.92	16.34	61.96	21.70	26.97	.20	2.86
JULY	II	2	AOJZ	7	6.15	2.28	.29	-1.18	25.81	48.82	25.36	26.87	.35	1.92
JULY	II	3	AOKB	1	7.45	2.09	-.51	-.63	5.56	49.49	44.95	36.45	.06	1.10
JULY	II	3	AOKD	2	7.65	1.87	-.49	-.72	4.96	46.84	48.21	42.19	.05	.97
JULY	II	3	AOKF	3	7.40	1.99	-.34	-.98	6.00	50.52	43.47	39.77	.06	1.16
JULY	II	3	AOKH	4	7.33	1.89	-.16	-1.05	3.07	57.36	39.58	40.97	.03	1.45
JULY	II	3	AOKJ	5	7.38	2.06	-.43	-.87	8.62	47.34	44.05	40.77	.09	1.07
JULY	II	3	AOKL	6	7.52	1.68	-.00	-1.16	.75	59.01	40.24	42.20	.01	1.47
JULY	II	3	AOLA	7	7.42	1.96	-.45	-.56	6.44	51.10	42.46	41.59	.07	1.20
JULY	II	4	AOLC	1	6.81	1.98	.20	-1.22	5.95	63.02	31.02	32.96	.06	2.03
JULY	II	4	AOLE	2	6.30	2.05	.55	-1.09	8.48	66.82	24.70	27.30	.09	2.71
JULY	II	4	AOLG	3	6.39	2.08	.37	-1.18	12.61	60.91	26.49	30.90	.14	2.30
JULY	II	4	AOLI	4	6.92	2.06	.14	-1.32	6.04	59.54	34.42	29.34	.06	1.73
JULY	II	4	AOLK	5	6.36	2.13	.42	-1.24	12.11	60.08	27.82	27.21	.14	2.16
JULY	II	4	AOLM	6	6.13	2.16	.51	-1.11	15.81	59.54	24.65	26.96	.19	2.42

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
JULY	II	4	AOLZ	7	6.62	2.13	.23	-1.28	11.91	57.26	30.83	29.90	.14	1.86
JULY	II	5	AOMB	1	6.56	2.07	.32	-1.24	9.04	62.32	28.64	29.99	.10	2.18
JULY	II	5	AOMD	2	6.68	2.07	.22	-1.28	9.54	59.52	30.93	34.08	.11	1.92
JULY	II	5	AOMF	3	6.33	2.10	.39	-1.14	14.15	60.26	25.59	28.57	.16	2.35
JULY	II	5	AOMH	4	6.86	2.01	.14	-1.30	6.35	60.84	32.81	34.00	.07	1.85
JULY	II	5	AOMJ	5	7.04	2.01	-.04	-1.26	8.79	54.39	36.82	34.97	.10	1.48
JULY	II	5	AOML	6	6.85	1.96	.18	-1.23	4.97	62.98	32.05	35.36	.05	1.97
JULY	II	5	AOMY	7	6.63	2.08	.28	-1.29	9.17	60.92	29.91	30.01	.10	2.04
JULY	II	6	AONA	1	7.23	1.94	-.07	-1.14	5.81	58.20	35.99	36.22	.06	1.62
JULY	II	6	AONC	2	7.71	1.69	-.23	-1.00	1.69	52.61	45.70	42.01	.02	1.15
JULY	II	6	AONE	3	7.48	1.83	-.18	-1.06	2.42	55.85	41.74	39.77	.02	1.34
JULY	II	6	AONG	4	7.10	2.09	-.23	-1.04	11.46	50.80	37.74	36.19	.13	1.35
JULY	II	6	AONJ	5	7.60	1.79	-.31	-.93	2.63	52.44	44.93	35.46	.03	1.17
JULY	II	6	AONK	6	7.44	1.82	-.17	-1.10	2.46	55.94	41.59	37.79	.03	1.34
JULY	II	6	AONX	7	7.53	1.75	-.17	-1.13	.35	56.29	43.36	41.09	.00	1.30
AUGUST	II	1	AOTZ	1	6.29	2.21	.37	-1.28	15.63	57.26	27.11	28.41	.19	2.11
AUGUST	II	1	AOUB	2	6.21	2.15	.45	-1.17	16.07	58.87	25.06	27.36	.19	2.35
AUGUST	II	1	AOUD	3	5.58	2.10	.87	-.56	28.83	53.92	17.25	20.90	.41	3.13
AUGUST	II	1	AOUF	4	6.12	2.19	.40	-1.16	19.41	56.22	24.37	28.56	.24	2.31
AUGUST	II	1	AOUH	5	5.94	2.27	.48	-1.12	26.14	49.87	23.99	23.03	.35	2.08
AUGUST	II	1	AOUJ	6	5.79	2.24	.53	-.99	25.66	53.53	20.81	24.13	.35	2.57
AUGUST	II	1	AOUY	7	6.07	2.23	.43	-1.12	22.33	53.68	23.99	24.87	.29	2.24
AUGUST	II	2	AOVA	1	6.14	2.12	.51	-1.08	17.75	58.45	23.79	23.84	.22	2.46
AUGUST	II	2	AOVC	2	6.05	2.10	.64	-1.00	14.67	62.67	22.66	22.27	.17	2.77
AUGUST	II	2	AOVE	3	6.48	2.08	.35	-1.22	11.24	60.60	28.16	28.25	.13	2.15
AUGUST	II	2	AOVG	4	6.75	2.57	.11	-1.64	17.65	42.39	39.96	2.98	.21	1.06
AUGUST	II	2	AOVI	5	6.17	1.72	.11	-1.37	11.67	64.07	24.26	30.59	.13	2.64
AUGUST	II	2	AOVK	6	5.89	2.09	.65	-.92	20.98	58.53	20.50	24.70	.27	2.86

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	2	AOVZ	7	6.22	2.02	.51	-1.03	12.26	63.98	23.77	26.74	.14	2.69
AUGUST	II	3	AOWB	1	7.61	1.78	-.30	-.99	2.09	52.01	45.90	43.13	.02	1.13
AUGUST	II	3	AOWD	2	7.49	1.80	-.22	-1.04	2.44	53.87	43.69	38.33	.03	1.23
AUGUST	II	3	AOWF	3	7.53	1.82	-.21	-1.08	2.63	53.92	43.45	36.58	.03	1.24
AUGUST	II	3	AOWH	4	7.59	1.83	-.28	-1.04	3.51	50.57	45.92	39.21	.04	1.10
AUGUST	II	3	AOWJ	5	7.66	1.81	-.26	-1.13	1.64	51.32	47.04	38.51	.02	1.09
AUGUST	II	3	AOWL	6	7.49	1.86	-.23	-1.09	2.15	55.05	42.80	38.14	.02	1.29
AUGUST	II	3	AOXA	7	7.66	1.73	-.29	-.93	2.60	52.23	45.18	39.56	.03	1.16
AUGUST	II	4	AOXC	1	6.70	2.02	.28	-1.19	9.14	59.12	31.74	31.00	.10	1.86
AUGUST	II	4	AOXE	2	6.61	2.07	.24	-1.26	10.44	59.02	30.54	30.12	.12	1.93
AUGUST	II	4	AOXG	3	6.64	2.12	.27	-1.31	10.14	59.06	30.79	30.63	.11	1.92
AUGUST	II	4	AOXI	4	6.69	2.08	.19	-1.30	9.16	58.51	32.33	30.54	.10	1.81
AUGUST	II	4	AOXK	5	7.17	1.95	-.02	-1.25	5.06	56.64	38.31	36.72	.05	1.48
AUGUST	II	4	AOXM	6	6.30	2.19	.33	-1.25	17.61	55.00	27.39	28.55	.21	2.01
AUGUST	II	4	AOXZ	7	6.87	2.03	.12	-1.27	6.73	59.50	33.77	31.01	.07	1.76
AUGUST	II	5	AOYB	1	6.90	2.01	.10	-1.25	7.34	60.05	32.62	38.76	.08	1.84
AUGUST	II	5	AOYD	2	6.59	2.33	.17	-1.44	23.27	43.78	32.96	22.01	.30	1.33
AUGUST	II	5	AOYF	3	6.39	2.13	.36	-1.26	13.10	59.12	27.78	27.63	.15	2.13
AUGUST	II	5	AOYH	4	7.01	2.10	-.12	-1.14	10.81	51.83	37.36	35.94	.12	1.39
AUGUST	II	5	AOYJ	5	6.29	2.44	-.02	-1.22	28.48	42.09	29.43	28.71	.40	1.43
AUGUST	II	5	AOYL	6	6.54	2.10	.32	-1.26	9.26	60.92	29.81	28.87	.10	2.04
AUGUST	II	5	AOYY	7	5.92	2.69	-.11	-1.04	23.11	50.12	26.78	27.79	.30	1.87
AUGUST	II	6	AOZA	1	7.64	1.67	-.18	-.98	1.22	56.07	42.71	39.23	.01	1.31
AUGUST	II	6	AOZC	2	6.59	1.40	-.38	-1.08	4.03	70.86	25.11	52.81	.04	2.82
AUGUST	II	6	AOZE	3	7.61	1.80	-.22	-1.15	1.77	52.83	45.39	44.07	.02	1.16
AUGUST	II	6	AOZG	4	7.69	1.69	-.12	-1.27	.99	53.82	45.20	42.80	.01	1.19
AUGUST	II	6	AOZI	5	7.61	1.71	-.24	-.95	1.38	54.97	43.65	43.92	.01	1.26
AUGUST	II	6	AOZK	6	7.65	1.77	-.31	-1.01	1.23	52.45	46.33	43.98	.01	1.13

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	6	AOZX	7	7.43	1.82	-.20	-1.02	2.59	57.45	39.96	40.91	.03	1.44
NOVEMBER	II	1	AVAC	1	7.09	2.04	-.22	-1.05	9.27	53.42	37.31	36.89	.10	1.43
NOVEMBER	II	1	AVAF	2	7.27	1.82	-.21	-.84	5.27	56.35	38.38	39.10	.06	1.47
NOVEMBER	II	1	AVAI	3	6.55	2.12	.32	-1.25	23.69	45.19	31.11	20.02	.31	1.45
NOVEMBER	II	1	AVAL	4	5.55	2.14	.62	-.84	35.20	47.32	17.48	23.88	.54	2.71
NOVEMBER	II	1	AVAO	5	6.42	2.28	.15	-1.33	20.61	49.50	29.89	29.96	.26	1.66
NOVEMBER	II	1	AVAR	6	6.63	2.09	-.00	-1.19	13.78	55.82	30.40	34.34	.16	1.84
NOVEMBER	II	1	AVAY	7	6.41	2.21	.21	-1.29	17.32	53.89	28.79	30.83	.21	1.87
NOVEMBER	II	2	AVBJ	1	6.05	2.01	.53	-.95	15.40	63.25	21.35	27.62	.18	2.96
NOVEMBER	II	2	AVBM	2	5.67	1.95	1.01	-.24	17.26	65.96	16.78	21.02	.21	3.93
NOVEMBER	II	2	AVBP	3	5.86	2.04	.79	-.72	16.10	64.60	19.31	23.08	.19	3.35
NOVEMBER	II	2	AVBS	4	5.61	1.86	.97	-.16	17.91	68.72	13.38	23.33	.22	5.14
NOVEMBER	II	2	AVBV	5	6.24	2.08	.51	-1.11	12.19	63.68	24.14	27.90	.14	2.64
NOVEMBER	II	2	AVBY	6	5.90	2.04	.87	-.60	13.61	66.71	19.68	23.40	.16	3.39
NOVEMBER	II	2	AVCF	7	5.92	2.16	.54	-1.07	23.33	54.06	22.62	24.27	.30	2.39
NOVEMBER	II	3	AVCQ	1	7.71	1.83	-.37	-.97	2.55	46.94	48.50	37.53	.03	1.01
NOVEMBER	II	3	AVCT	2	7.48	1.91	-.27	-1.07	3.29	52.11	44.60	35.93	.03	1.17
NOVEMBER	II	3	AVCW	3	7.57	1.90	-.38	-.86	3.89	50.28	45.83	38.61	.04	1.10
NOVEMBER	II	3	AVCZ	4	7.71	1.95	-.50	-.92	2.94	46.36	50.70	34.19	.03	.91
NOVEMBER	II	3	AVDC	5	7.58	1.93	-.34	-1.00	3.59	50.81	45.60	34.94	.04	1.11
NOVEMBER	II	3	AVDF	6	7.40	1.89	-.17	-1.17	3.07	54.88	42.04	37.04	.03	1.31
NOVEMBER	II	3	AVDM	7	7.49	1.87	-.30	-.91	3.57	52.33	44.10	38.55	.04	1.19
NOVEMBER	II	4	AVDX	1	6.60	2.06	.34	-1.24	7.56	63.38	29.05	30.44	.08	2.18
NOVEMBER	II	4	AVEA	2	6.48	2.06	.21	-1.20	12.58	60.20	27.22	31.85	.14	2.21
NOVEMBER	II	4	AVED	3	6.75	2.06	.19	-1.28	6.93	62.12	30.95	33.33	.07	2.01
NOVEMBER	II	4	AVEG	4	6.30	1.92	.53	-.96	7.23	69.31	23.46	30.99	.08	2.95
NOVEMBER	II	4	AVEJ	5	6.42	2.16	.34	-1.33	11.70	59.37	28.93	28.66	.13	2.05
NOVEMBER	II	4	AVEM	6	5.98	1.99	.75	-.71	13.11	66.81	20.08	25.42	.15	3.33

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
NOVEMBER	II	4	AVET	7	5.53	2.10	.94	-.48	27.96	54.63	17.41	20.41	.39	3.14
NOVEMBER	II	5	AVFC	1	6.83	2.06	.18	-1.29	6.23	60.91	32.86	33.69	.07	1.85
NOVEMBER	II	5	AVFF	2	6.37	2.17	.43	-1.30	7.04	65.42	27.54	25.92	.08	2.38
NOVEMBER	II	5	AVFI	3	7.27	1.93	-.04	-1.31	2.47	57.43	40.09	36.94	.03	1.43
NOVEMBER	II	5	AVFL	4	7.24	1.90	.01	-1.27	2.16	60.90	36.93	37.00	.02	1.65
NOVEMBER	II	5	AVFO	5	6.54	2.08	.29	-1.25	9.10	62.34	28.56	31.99	.10	2.18
NOVEMBER	II	5	AVFR	6	6.67	2.03	.24	-1.25	6.87	63.20	29.94	31.73	.07	2.11
NOVEMBER	II	5	AVFY	7	7.03	2.00	.08	-1.27	4.56	61.30	34.14	34.38	.05	1.80
NOVEMBER	II	6	AVGH	1	7.64	1.80	-.26	-1.03	1.60	53.18	45.21	39.20	.02	1.18
NOVEMBER	II	6	AVGK	2	7.65	1.74	-.19	-1.11	1.14	54.25	44.60	34.38	.01	1.22
NOVEMBER	II	6	AVGN	3	7.55	1.78	-.19	-1.07	2.30	53.14	44.56	37.69	.02	1.19
NOVEMBER	II	6	AVGQ	4	7.57	1.73	-.19	-1.00	2.06	55.19	42.75	37.65	.02	1.29
NOVEMBER	II	6	AVGT	5	7.68	1.70	-.15	-1.18	.41	54.51	45.08	36.64	.00	1.21
NOVEMBER	II	6	AVGW	6	7.62	1.70	-.10	-1.15	1.67	55.70	42.63	36.52	.02	1.31
NOVEMBER	II	6	AVHD	7	7.42	1.83	-.24	-.91	4.05	54.38	41.58	37.72	.04	1.31
FALL	I	1	AQXR	1	5.31	2.42	.71	-.91	45.27	35.52	19.21	18.13	.83	1.85
FALL	I	1	AQXT	2	4.98	2.24	1.03	-.32	50.27	34.90	14.83	17.25	1.01	2.35
FALL	I	1	AQXV	3	5.42	2.55	.77	-.94	45.85	32.02	22.13	7.40	.85	1.45
FALL	I	1	AQXX	4	5.97	2.36	.30	-1.25	30.61	44.74	24.65	24.81	.44	1.82
FALL	I	1	AQXZ	5	5.25	2.33	.75	-.79	45.18	37.66	17.16	20.12	.82	2.19
FALL	I	1	AQYB	6	5.62	2.53	.44	-1.28	42.62	34.34	23.04	24.94	.74	1.49
FALL	I	1	ARIB	7	5.38	2.15	.85	-.50	35.91	47.83	16.26	20.09	.56	2.94
FALL	I	2	AQZI	1	6.01	2.12	.48	-.96	23.78	55.15	21.07	24.26	.31	2.62
FALL	I	2	AQZK	2	5.45	2.09	.92	-.41	34.36	49.61	16.02	19.72	.52	3.10
FALL	I	2	AQZM	3	6.25	2.10	.32	-1.05	20.02	56.23	23.75	27.54	.25	2.37
FALL	I	2	AQZO	4	5.46	2.04	.91	-.35	33.90	51.76	14.33	19.61	.51	3.61
FALL	I	2	AQZQ	5	5.92	2.08	.63	-.83	9.76	70.01	20.22	21.43	.11	3.46
FALL	I	2	AQZS	6	6.09	2.10	.43	-1.01	25.84	52.17	21.99	25.24	.35	2.37

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	2	ARIC	7	6.34	2.18	.27	-1.16	20.00	54.03	25.97	25.93	.25	2.08
FALL	I	3	ARBL	1	7.47	1.94	-.29	-1.07	2.46	54.22	43.31	39.66	.03	1.25
FALL	I	3	ARBN	2	7.41	1.89	-.31	-.98	3.27	53.21	43.52	36.62	.03	1.22
FALL	I	3	ARBP	3	7.50	2.04	-.60	-.39	7.03	49.08	43.88	40.10	.08	1.12
FALL	I	3	ARBR	4	7.55	1.91	-.41	-.86	4.53	49.75	45.72	39.04	.05	1.09
FALL	I	3	ARBT	5	7.25	2.10	-.31	-.93	7.36	52.35	40.29	40.91	.08	1.30
FALL	I	3	ARBV	6	6.86	2.30	-.42	-.79	13.96	49.70	36.34	36.31	.16	1.37
FALL	I	3	ARID	7	7.38	2.00	-.54	-.49	7.72	49.42	42.86	41.85	.08	1.15
FALL	I	4	ARDD	1	4.85	2.49	.87	-.66	58.13	25.43	16.44	15.46	1.39	1.55
FALL	I	4	ARDF	2	5.17	2.43	.81	-.84	51.62	28.08	20.31	16.55	1.07	1.38
FALL	I	4	ARDH	3	4.99	2.46	.81	-.82	58.00	25.19	16.81	19.57	1.38	1.50
FALL	I	4	ARDJ	4	5.48	2.24	.80	-.81	42.05	39.36	18.59	20.84	.73	2.12
FALL	I	4	ARDL	5	4.75	2.52	.89	-.70	62.95	20.36	16.69	16.93	1.70	1.22
FALL	I	4	ARDN	6	5.04	2.45	.91	-.64	53.71	29.03	17.27	18.63	1.16	1.68
FALL	I	4	AREA	7	4.25	2.31	1.33	.72	67.01	22.30	10.69	11.00	2.03	2.09
FALL	I	5	AREU	1	6.53	2.27	.25	-1.55	1.31	65.61	33.09	28.85	.01	1.98
FALL	I	5	AREW	2	5.92	2.39	.42	-1.23	33.49	41.00	25.51	23.70	.50	1.61
FALL	I	5	AREY	3	8.06	1.60	-.63	-.39	.76	43.08	56.17	43.57	.01	.77
FALL	I	5	ARFA	4	6.69	2.10	.16	-1.20	10.65	58.35	31.00	26.60	.12	1.88
FALL	I	5	ARFC	5	6.16	2.17	.35	-1.09	19.76	56.55	23.70	27.56	.25	2.39
FALL	I	5	ARFE	6	7.69	1.83	-.48	-.69	3.22	48.84	47.94	35.53	.03	1.02
FALL	I	5	ARFR	7	7.84	1.80	-.34	-1.27	.52	44.89	54.59	48.51	.01	.82
FALL	I	6	ARGL	1	6.23	2.19	.37	-1.14	17.88	56.56	25.57	24.09	.22	2.21
FALL	I	6	ARGN	2	6.32	2.22	.32	-1.26	14.72	57.36	27.92	27.50	.17	2.05
FALL	I	6	ARGP	3	6.64	2.26	.12	-1.30	15.10	52.88	32.02	22.81	.18	1.65
FALL	I	6	ARGR	4	6.72	2.02	.21	-1.15	7.38	63.01	29.61	31.04	.08	2.13
FALL	I	6	ARGT	5	6.35	2.19	.29	-1.19	18.80	54.76	26.44	24.66	.23	2.07
FALL	I	6	ARGV	6	6.35	2.12	.27	-1.08	16.83	58.19	24.98	28.39	.20	2.33

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	6	ARHI	7	6.16	2.15	.37	-1.06	20.17	56.27	23.55	25.91	.25	2.39
FALL	II	1	ARIF	1	6.54	2.19	.12	-1.26	15.68	54.49	29.83	30.10	.19	1.83
FALL	II	1	ARIH	2	6.70	2.15	.01	-1.22	12.90	55.75	31.35	30.46	.15	1.78
FALL	II	1	ARIJ	3	5.45	2.14	.88	-.50	33.78	48.44	17.78	19.19	.51	2.72
FALL	II	1	ARIL	4	5.90	1.95	.81	-.56	10.71	71.16	18.13	23.09	.12	3.93
FALL	II	1	ARIN	5	6.69	2.17	.09	-1.31	12.25	55.36	32.39	33.12	.14	1.71
FALL	II	1	ARIP	6	5.74	2.18	.64	-.90	25.17	54.73	20.10	23.53	.34	2.72
FALL	II	1	ARJI	7	6.08	2.03	.64	-.89	10.66	68.18	21.16	25.98	.12	3.22
FALL	II	2	ARKG	1	5.72	2.07	.83	-.68	27.75	53.17	19.08	20.16	.38	2.79
FALL	II	2	ARKI	2	6.15	2.02	.60	-.93	12.01	65.84	22.15	25.91	.14	2.97
FALL	II	2	ARKK	3	6.06	2.14	.53	-1.06	27.38	49.77	22.86	24.53	.38	2.18
FALL	II	2	ARKM	4	5.64	1.91	.94	-.36	18.24	65.11	16.65	20.47	.22	3.91
FALL	II	2	ARKO	5	5.23	2.06	1.01	-.05	33.76	51.49	14.75	20.71	.51	3.49
FALL	II	2	ARKQ	6	5.46	1.69	1.05	.05	15.93	72.32	11.75	26.48	.19	6.15
FALL	II	2	ARLJ	7	5.65	1.92	.97	-.30	17.47	66.79	15.74	22.57	.21	4.24
FALL	II	3	ARMJ	1	7.66	1.91	-.40	-1.01	2.85	48.81	48.34	38.88	.03	1.01
FALL	II	3	ARML	2	7.56	1.84	-.34	-.95	2.68	51.93	45.39	43.22	.03	1.14
FALL	II	3	ARMN	3	7.36	1.91	-.22	-1.10	3.57	53.83	42.59	43.27	.04	1.26
FALL	II	3	ARMP	4	7.56	1.90	-.40	-.80	4.09	50.50	45.41	39.04	.04	1.11
FALL	II	3	ARMR	5	7.35	1.97	-.24	-1.14	3.55	53.55	42.90	42.72	.04	1.25
FALL	II	3	ARMT	6	7.42	2.21	-.81	.14	6.86	46.05	47.08	34.13	.07	.98
FALL	II	3	ARNI	7	7.51	1.90	-.38	-.85	4.35	50.38	45.27	41.05	.05	1.11
FALL	II	4	AROB	1	6.83	1.98	.17	-1.24	5.49	62.48	32.03	32.85	.06	1.95
FALL	II	4	AROD	2	6.96	2.02	.03	-1.28	6.17	58.13	35.70	35.33	.07	1.63
FALL	II	4	AROF	3	6.53	2.07	.33	-1.23	8.04	63.49	28.47	29.49	.09	2.23
FALL	II	4	AROH	4	6.74	2.03	.24	-1.26	5.68	63.72	30.60	32.67	.06	2.08
FALL	II	4	AROJ	5	6.19	1.96	.64	-.85	7.93	70.99	21.07	27.55	.09	3.37
FALL	II	4	AROL	6	6.47	2.01	.39	-1.09	8.15	66.47	25.38	33.30	.09	2.62

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	II	4	AROY	7	6.19	2.01	.58	-.95	10.30	67.01	22.69	26.90	.11	2.95
FALL	II	5	ARPK	1	6.57	1.93	.30	-1.12	6.95	66.33	26.72	35.58	.07	2.48
FALL	II	5	ARPM	2	7.42	1.89	-.19	-1.13	3.06	56.28	40.66	40.32	.03	1.38
FALL	II	5	ARPO	3	6.90	2.01	.08	-1.29	5.66	60.27	34.08	30.80	.06	1.77
FALL	II	5	ARPQ	4	7.24	1.95	-.08	-1.27	3.21	56.73	40.05	41.11	.03	1.42
FALL	II	5	ARPS	5	6.67	2.01	.25	-1.23	7.10	63.47	29.44	35.33	.08	2.16
FALL	II	5	ARPU	6	6.79	1.99	.20	-1.26	5.25	63.09	31.67	33.72	.06	1.99
FALL	II	5	ARQH	7	6.58	2.13	.22	-1.35	8.03	61.96	30.01	31.65	.09	2.06
FALL	II	6	ARQT	1	7.47	1.73	-.08	-1.10	.98	59.52	39.50	42.82	.01	1.51
FALL	II	6	ARQV	2	8.26	1.90	-.77	-.57	2.80	35.52	61.68	5.81	.03	.58
FALL	II	6	ARQX	3	7.31	1.90	-.18	-1.04	5.16	55.71	39.14	42.32	.05	1.42
FALL	II	6	ARQZ	4	7.44	1.76	-.09	-1.11	1.80	57.93	40.27	41.19	.02	1.44
FALL	II	6	ARRB	5	7.85	1.67	-.33	-1.01	.64	48.83	50.53	48.48	.01	.97
FALL	II	6	ARRD	6	7.61	1.68	-.15	-1.08	.97	55.44	43.59	37.33	.01	1.27
FALL	II	6	ARRR	7	7.61	1.75	-.18	-1.12	1.46	54.25	44.29	40.28	.01	1.22
FALL	III	1	ARSD	1	6.49	2.04	.28	-1.18	10.50	61.64	27.86	33.09	.12	2.21
FALL	III	1	ARSF	2	6.54	2.05	.17	-.99	9.09	64.95	25.96	31.75	.10	2.50
FALL	III	1	ARSH	3	6.31	2.02	.51	-1.04	9.16	67.12	23.71	32.28	.10	2.83
FALL	III	1	ARSJ	4	6.99	2.00	.11	-1.31	3.25	62.12	34.63	36.54	.03	1.79
FALL	III	1	ARSL	5	6.66	2.14	.07	-1.22	11.77	56.81	31.42	32.28	.13	1.81
FALL	III	1	ARSN	6	6.22	2.23	.51	-1.20	19.50	54.03	26.47	19.43	.24	2.04
FALL	III	1	ARTC	7	5.65	2.08	.82	-.62	26.09	55.95	17.96	22.77	.35	3.11
FALL	III	2	ARUB	1	7.14	1.92	-.06	-1.18	3.37	60.22	36.41	36.96	.03	1.65
FALL	III	2	ARUD	2	7.14	1.90	.04	-1.25	2.72	60.39	36.88	37.54	.03	1.64
FALL	III	2	ARUF	3	7.26	1.86	-.01	-1.21	2.81	58.96	38.23	36.29	.03	1.54
FALL	III	2	ARUH	4	6.89	1.96	.18	-1.25	3.46	64.50	32.05	35.20	.04	2.01
FALL	III	2	ARUJ	5	6.80	1.75	.08	-1.17	2.90	64.33	32.77	40.50	.03	1.96
FALL	III	2	ARUL	6	7.11	1.89	.04	-1.24	2.49	60.90	36.62	35.86	.03	1.66

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	2	ARVA	7	7.06	1.91	.05	-1.24	2.88	61.10	36.02	35.28	.03	1.70
FALL	III	3	ARWD	1	7.30	1.88	-.12	-1.05	3.02	57.82	39.16	38.25	.03	1.48
FALL	III	3	ARWF	2	7.54	1.78	-.22	-1.00	2.89	53.72	43.39	36.98	.03	1.24
FALL	III	3	ARWH	3	7.61	1.69	-.20	-1.07	.85	53.72	45.43	39.73	.01	1.18
FALL	III	3	ARWJ	4	7.31	1.85	-.08	-1.10	3.19	58.25	38.56	38.99	.03	1.51
FALL	III	3	ARWL	5	7.64	1.79	-.24	-1.11	1.39	52.88	45.73	38.47	.01	1.16
FALL	III	3	ARWN	6	7.30	1.68	.08	-1.05	1.46	62.77	35.77	38.87	.01	1.75
FALL	III	3	ARXC	7	7.30	1.81	-.04	-1.16	1.75	59.46	38.79	40.82	.02	1.53
FALL	III	4	ARXV	1	5.19	2.46	.67	-1.00	56.68	20.71	22.61	20.60	1.31	.92
FALL	III	4	ARXX	2	4.16	1.66	2.34	4.53	81.56	12.79	5.65	7.77	4.42	2.26
FALL	III	4	ARXZ	3	4.34	2.01	1.78	1.81	77.84	12.20	9.97	9.76	3.51	1.22
FALL	III	4	ARYB	4	4.10	1.58	2.65	6.16	79.50	14.59	5.91	5.75	3.88	2.47
FALL	III	4	ARYD	5	5.06	2.29	1.04	-.46	58.06	24.53	17.41	17.32	1.38	1.41
FALL	III	4	ARYF	6	4.25	1.79	2.02	3.01	78.21	14.08	7.71	9.35	3.59	1.83
FALL	III	4	ARYS	7	4.42	1.83	1.96	2.64	72.38	18.91	8.71	9.01	2.62	2.17
FALL	III	5	ARZE	1	7.16	1.94	.00	-1.27	3.12	59.45	37.43	35.75	.03	1.59
FALL	III	5	ARZG	2	7.22	1.89	-.01	-1.19	2.60	60.95	36.45	42.39	.03	1.67
FALL	III	5	ARZI	3	7.54	1.87	-.24	-1.16	1.80	52.94	45.27	36.47	.02	1.17
FALL	III	5	ARZK	4	7.16	1.95	-.06	-1.20	3.91	58.56	37.53	39.19	.04	1.56
FALL	III	5	ARZM	5	7.45	1.45	.05	-1.19	1.71	56.41	41.88	42.67	.02	1.35
FALL	III	5	ARZO	6	7.50	1.87	-.23	-1.12	3.03	52.51	44.46	38.20	.03	1.18
FALL	III	5	ASAB	7	7.41	1.90	-.11	-1.25	1.40	58.33	40.27	38.86	.01	1.45
FALL	III	6	ASAN	1	7.92	1.77	-.39	-1.06	.46	48.59	50.94	39.00	.00	.95
FALL	III	6	ASAP	2	7.24	1.71	-.14	-.89	2.27	61.44	36.29	50.70	.02	1.69
FALL	III	6	ASAR	3	7.61	1.82	-.29	-1.10	1.11	52.57	46.32	42.12	.01	1.14
FALL	III	6	ASAT	4	7.78	1.80	-.46	-.87	1.59	48.29	50.12	39.87	.02	.96
FALL	III	6	ASAV	5	7.68	1.76	-.26	-1.12	.96	51.92	47.12	43.92	.01	1.10
FALL	III	6	ASAX	6	7.78	1.84	-.56	-.57	2.48	46.05	51.47	43.28	.03	.89

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	6	ASBK	7	7.80	1.71	-.40	-.81	2.05	49.05	48.89	38.32	.02	1.00
FALL	IV	1	ASBW	1	3.62	2.31	1.45	1.00	74.14	17.16	8.70	11.84	2.87	1.97
FALL	IV	1	ASBY	2	4.75	2.74	.75	-.98	57.00	19.67	23.33	18.46	1.33	.84
FALL	IV	1	ASCA	3	3.81	2.36	1.40	.82	73.41	16.76	9.84	11.18	2.76	1.70
FALL	IV	1	ASCC	4	3.72	2.21	1.60	1.41	75.69	15.66	8.66	10.16	3.11	1.81-
FALL	IV	1	ASCE	5	3.88	2.20	1.67	1.53	72.57	18.15	9.27	9.80	2.65	1.96
FALL	IV	1	ASCG	6	7.22	1.85	.14	-1.34	0.00	60.95	39.05	39.52	0.00	1.56
FALL	IV	1	ASCV	7	3.73	2.42	1.34	.61	73.17	16.75	10.09	12.31	2.73	1.66
FALL	IV	2	ASDT	1	7.33	1.97	-.47	-.37	5.44	53.38	41.18	40.70	.06	1.30
FALL	IV	2	ASDV	2	6.38	2.47	-.21	-.98	18.32	51.21	30.47	33.26	.22	1.68
FALL	IV	2	ASDX	3	7.19	2.00	-.25	-.80	5.39	56.57	38.04	38.29	.06	1.49
FALL	IV	2	ASDZ	4	6.86	2.15	-.19	-.96	8.28	55.82	35.90	34.37	.09	1.55
FALL	IV	2	ASEB	5	6.48	2.39	-.18	-.86	14.63	54.41	30.96	33.87	.17	1.76
FALL	IV	2	ASED	6	7.18	2.21	-.53	-.61	10.56	47.83	41.61	39.06	.12	1.15
FALL	IV	2	ASES	7	7.02	2.10	-.22	-.88	7.54	55.64	36.83	36.51	.08	1.51
FALL	IV	3	ASFT	1	4.73	2.70	.71	-.97	56.13	26.18	17.69	18.45	1.28	1.48
FALL	IV	3	ASFV	2	4.46	2.73	.80	-.86	61.74	21.65	16.61	16.18	1.61	1.30
FALL	IV	3	ASFX	3	5.25	2.95	.10	-1.33	44.41	30.27	25.32	26.48	.80	1.20
FALL	IV	3	ASGF	4	4.32	2.62	.97	-.53	64.02	21.44	14.54	16.12	1.78	1.47
FALL	IV	3	ASGA	5	4.76	2.96	.53	-1.19	54.59	23.88	21.53	19.63	1.20	1.11
FALL	IV	3	ASGC	6	5.07	2.77	.49	-1.27	50.24	29.13	20.63	21.50	1.01	1.41
FALL	IV	3	ASGK	7	5.62	2.80	.10	-1.42	39.15	34.32	26.53	27.13	.64	1.29
FALL	IV	4	ASHL	1	3.37	1.84	2.33	4.84	86.40	8.33	5.27	4.91	6.35	1.58
FALL	IV	4	ASHN	2	3.73	2.00	1.97	2.58	80.90	11.77	7.32	7.82	4.24	1.61
FALL	IV	4	ASHP	3	3.69	2.21	1.64	1.56	79.29	11.91	8.80	8.35	3.83	1.35
FALL	IV	4	ASHR	4	3.97	2.19	1.68	1.56	75.62	14.62	9.76	7.35	3.10	1.50
FALL	IV	4	ASHT	5	3.54	2.47	1.33	.95	78.25	12.08	9.67	8.41	3.60	1.25
FALL	IV	4	ASHV	6	3.02	2.06	2.22	4.05	86.19	7.73	6.08	5.46	6.24	1.27

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	IV	4	ASII	7	3.39	2.01	2.17	3.61	83.82	9.70	6.48	5.96	5.18	1.50
FALL	IV	5	ASIV	1	6.07	2.68	-.08	-1.32	28.69	41.40	29.91	31.14	.40	1.38
FALL	IV	5	ASIX	2	4.84	2.78	.65	-1.07	52.11	27.53	20.36	19.78	1.09	1.35
FALL	IV	5	ASIZ	3	5.36	3.16	.36	-1.52	47.84	21.69	30.47	5.52	.92	.71
FALL	IV	5	ASJB	4	3.99	2.13	1.06	-.08	62.31	30.27	7.42	18.57	1.65	4.08
FALL	IV	5	ASJD	5	5.43	2.69	.22	-1.24	37.64	42.85	19.52	25.92	.60	2.20
FALL	IV	5	ASJF	6	5.96	2.28	.30	-.94	16.34	59.70	23.96	24.07	.20	2.49
FALL	IV	5	ASJS	7	6.27	2.68	-.24	-1.28	25.13	40.81	34.06	33.45	.34	1.20
FALL	IV	6	ASKF	1	5.26	2.90	.25	-1.43	45.76	30.46	23.78	25.29	.84	1.28
FALL	IV	6	ASKH	2	5.12	2.88	.45	-1.37	51.61	24.07	24.32	22.28	1.07	.99
FALL	IV	6	ASKJ	3	4.29	2.80	.82	-.83	62.53	20.80	16.67	17.07	1.67	1.25
FALL	IV	6	ASKL	4	4.71	2.67	.68	-1.07	56.73	24.71	18.56	20.05	1.31	1.33
FALL	IV	6	ASKN	5	4.72	2.77	.67	-1.04	57.21	24.42	18.37	19.76	1.34	1.33
FALL	IV	6	ASKP	6	4.55	2.80	.80	-.91	60.28	21.91	17.81	17.77	1.52	1.23
FALL	IV	6	ASLC	7	5.58	2.80	.23	-1.42	42.37	30.92	26.71	27.12	.74	1.16
FALL	IV	7	ASLP	1	7.89	1.73	-.44	-.88	1.28	47.18	51.54	38.32	.01	.92
FALL	IV	7	ASLR	2	7.87	1.51	-.24	-.98	0.00	49.78	50.22	43.91	0.00	.99
FALL	IV	7	ASLT	3	8.00	1.58	-.32	-.98	.62	47.48	51.90	41.28	.01	.91
FALL	IV	7	ASLV	4	7.78	1.53	-.16	-1.06	.37	51.32	48.31	44.38	.00	1.06
FALL	IV	7	ASLX	5	7.80	1.62	-.26	-.91	1.45	50.93	47.62	41.56	.01	1.07
FALL	IV	7	ASLZ	6	7.83	1.65	-.26	-1.05	.99	49.75	49.26	40.41	.01	1.01
FALL	IV	7	ASMM	7	7.93	1.58	-.29	-1.04	.66	48.27	51.07	40.26	.01	.95
WINTER	I	1	AHAB	1	5.12	2.35	.87	-.61	47.43	36.79	15.79	17.35	.90	2.33
WINTER	I	1	AHAD	2	6.11	2.35	.21	-1.28	27.79	47.00	25.21	30.69	.38	1.86
WINTER	I	1	AHAF	3	5.78	2.28	.50	-1.03	31.33	50.15	18.52	25.16	.46	2.71
WINTER	I	1	AHAH	4	6.03	2.29	.21	-1.27	28.05	47.19	24.76	31.95	.39	1.91
WINTER	I	1	AHAJ	5	4.89	2.42	1.02	-.43	59.42	24.34	16.24	12.30	1.46	1.50
WINTER	I	1	AHAL	6	4.98	2.31	.97	-.46	54.86	29.66	15.48	18.29	1.22	1.92

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	1	AHAN	7	4.73	2.16	1.23	.16	63.57	24.18	12.25	15.40	1.74	1.97
WINTER	I	2	AHBX	1	6.29	2.05	.23	-.87	18.97	58.65	22.38	31.49	.23	2.62
WINTER	I	2	AHBZ	2	6.07	2.14	.47	-1.03	25.52	52.18	22.31	29.20	.34	2.34
WINTER	I	2	AHCB	3	6.37	2.25	.03	-1.03	17.09	55.26	27.65	32.63	.21	2.00
WINTER	I	2	AHCD	4	6.57	2.01	.18	-1.08	12.72	60.13	27.15	36.80	.15	2.21
WINTER	I	2	AHCF	5	4.89	2.42	1.02	-.43	59.42	24.34	16.24	12.30	1.46	1.50
WINTER	I	2	AHCH	6	6.20	2.20	.35	-1.22	22.80	49.44	27.76	29.13	.30	1.78
WINTER	I	2	AHCJ	7	6.04	2.07	.48	-.98	24.56	54.59	20.85	27.31	.33	2.62
WINTER	I	3	AHDF	1	7.42	1.92	-.28	-.93	4.74	56.65	38.60	44.46	.05	1.47
WINTER	I	3	AHDI	2	7.46	1.98	-.36	-.96	5.47	50.51	44.03	43.44	.06	1.15
WINTER	I	3	AHDK	3	7.42	1.90	-.31	-.90	5.49	54.10	40.40	45.09	.06	1.34
WINTER	I	3	AHDM	4	7.25	2.07	-.23	-1.13	8.95	49.92	41.13	41.46	.10	1.21
WINTER	I	3	AHDO	5	7.41	1.95	-.31	-.93	6.01	52.08	41.91	43.84	.06	1.24
WINTER	I	3	AHDQ	6	7.33	1.97	-.25	-1.01	7.09	53.04	39.87	43.53	.08	1.33
WINTER	I	3	AHDS	7	7.54	1.95	-.43	-.81	6.96	48.27	44.76	41.12	.07	1.08
WINTER	I	4	AHSK	1	4.11	2.04	1.75	1.75	77.14	13.99	8.87	10.12	3.37	1.58
WINTER	I	4	AHSL	2	4.19	2.15	1.66	1.36	76.79	12.43	10.78	11.72	3.31	1.15
WINTER	I	4	AHSM	3	4.92	2.47	.77	-.81	52.22	31.80	15.98	19.73	1.09	1.99
WINTER	I	4	AHSN	4	4.47	2.34	1.28	.14	71.33	15.16	13.51	14.75	2.49	1.12
WINTER	I	4	AHSO	5	3.97	1.97	2.00	2.76	81.21	10.22	8.57	8.58	4.32	1.19
WINTER	I	4	AHSP	6	3.84	1.87	2.22	3.71	85.35	7.95	6.69	7.65	5.83	1.19
WINTER	I	4	AHSQ	7	4.00	2.09	1.76	1.86	76.85	14.61	8.54	9.76	3.32	1.71
WINTER	I	5	AHST	1	8.13	1.43	-.28	-.95	.49	47.34	52.17	52.48	.00	.91
WINTER	I	5	AHSU	2	8.08	1.49	-.35	-.93	.23	46.17	53.60	57.76	.00	.86
WINTER	I	5	AHSV	3	7.40	2.11	-.44	-.97	10.50	44.89	44.61	40.59	.12	1.01
WINTER	I	5	AHSW	4	7.74	1.72	-.24	-1.05	1.57	52.20	46.23	49.91	.02	1.13
WINTER	I	5	AHSX	5	7.79	1.63	-.38	-.65	1.43	52.26	46.31	53.20	.01	1.13
WINTER	I	5	AHSY	6	7.79	1.51	-.36	-.58	.80	50.89	48.30	55.30	.01	1.05

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	5	AHSZ	7	8.08	1.55	-.49	-.62	.64	44.63	54.73	50.56	.01	.82
WINTER	I	6	AHTC	1	6.83	2.36	-.10	-1.47	17.29	48.31	34.40	22.39	.21	1.40
WINTER	I	6	AHTD	2	6.23	2.12	.35	-1.07	18.18	58.54	23.27	30.35	.22	2.52
WINTER	I	6	AHTE	3	6.10	2.09	.47	-.89	19.99	63.41	16.61	30.02	.25	3.82
WINTER	I	6	AHTF	4	5.18	2.21	.85	-.52	35.38	49.30	15.32	20.41	.55	3.22
WINTER	I	6	AHTG	5	6.37	2.14	.21	-1.10	17.59	57.28	25.13	32.47	.21	2.28
WINTER	I	6	AHTH	6	6.48	2.08	.27	-1.14	13.46	59.81	26.73	34.84	.16	2.24
WINTER	I	6	AHTI	7	6.30	2.13	.39	-1.10	16.50	59.20	24.30	27.88	.20	2.44
WINTER	II	1	AHHU	1	7.22	1.74	.10	-1.12	1.02	64.20	34.78	43.56	.01	1.85
WINTER	II	1	AHHW	2	6.64	1.99	.23	-1.14	8.64	63.11	28.25	36.18	.09	2.23
WINTER	II	1	AHHY	3	6.79	1.94	.16	-1.02	6.96	71.25	21.80	37.33	.07	3.27
WINTER	II	1	AHIA	4	6.06	2.27	.33	-1.16	25.94	49.58	24.48	22.56	.35	2.03
WINTER	II	1	AHIC	5	8.12	2.03	-.68	-.65	14.68	27.72	57.59	34.20	.17	.48
WINTER	II	1	AHIE	6	6.26	2.21	.22	-1.17	23.50	50.95	25.55	30.18	.31	1.99
WINTER	II	1	AHIG	7	6.52	2.11	.18	-1.22	13.36	58.91	27.73	31.84	.15	2.12
WINTER	II	2	AHJP	1	5.88	2.22	.53	-1.08	29.91	47.54	22.56	24.62	.43	2.11
WINTER	II	2	AHJR	2	6.35	2.12	.28	-1.16	18.10	56.14	25.77	33.00	.22	2.18
WINTER	II	2	AHJT	3	6.05	2.12	.54	-1.01	19.76	59.03	21.21	26.92	.25	2.78
WINTER	II	2	AHJV	4	6.87	1.95	.19	-1.22	4.53	63.55	31.92	29.42	.05	1.99
WINTER	II	2	AHJX	5	6.65	2.10	.17	-1.20	12.25	58.17	29.58	34.18	.14	1.97
WINTER	II	2	AHJZ	6	6.29	1.98	.41	-1.10	11.51	63.56	24.93	31.08	.13	2.55
WINTER	II	2	AHKB	7	5.90	2.06	.75	-.79	18.75	61.39	19.86	23.37	.23	3.09
WINTER	II	3	AHLA	1	7.52	1.75	-.15	-1.03	1.85	56.90	41.25	48.08	.02	1.38
WINTER	II	3	AHLC	2	7.52	1.94	-.30	-1.19	2.03	52.55	45.41	47.44	.02	1.16
WINTER	II	3	AHLE	3	7.57	1.88	-.26	-1.17	1.79	53.35	44.87	45.29	.02	1.19
WINTER	II	3	AHLG	4	7.59	1.89	-.35	-1.00	2.39	51.77	45.85	45.55	.02	1.13
WINTER	II	3	AHLI	5	7.63	1.83	-.40	-.85	3.57	50.27	46.16	44.58	.04	1.09
WINTER	II	3	AHLK	6	7.28	1.61	-.04	-1.00	.90	63.22	35.89	51.62	.01	1.76

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	II	3	AHLM	7	7.38	1.91	-.18	-1.10	4.32	55.91	39.77	43.89	.05	1.41
WINTER	II	4	AHRT	1	6.11	1.92	.70	-.75	10.38	69.99	19.63	27.26	.12	3.57
WINTER	II	4	AHRU	2	6.24	2.07	.52	-1.09	11.02	64.10	24.88	31.01	.12	2.58
WINTER	II	4	AHRV	3	5.79	2.15	.71	-.85	25.62	54.41	19.96	23.96	.34	2.73
WINTER	II	4	AHRW	4	5.49	2.09	.96	-.44	29.08	54.27	16.66	20.68	.41	3.26
WINTER	II	4	AHRX	5	6.51	2.09	.30	-1.26	10.99	60.09	28.93	32.70	.12	2.08
WINTER	II	4	AHRY	6	6.51	2.04	.33	-1.19	8.53	65.16	26.31	33.82	.09	2.48
WINTER	II	4	AHRZ	7	6.05	2.01	.65	-.94	10.86	67.52	21.62	26.95	.12	3.12
WINTER	II	5	AHNN	1	7.07	2.03	-.07	-1.16	8.53	56.83	34.63	40.40	.09	1.64
WINTER	II	5	AHNP	2	7.14	1.98	-.13	-1.32	5.56	47.86	46.58	43.14	.06	1.03
WINTER	II	5	AHNR	3	6.34	1.99	.48	-1.07	7.40	68.32	24.28	37.58	.08	2.81
WINTER	II	5	AHNT	4	7.21	1.84	.02	-1.22	2.75	58.89	38.37	40.23	.03	1.53
WINTER	II	5	AHNV	5	7.03	1.90	.08	-1.17	2.78	65.16	32.05	41.12	.03	2.03
WINTER	II	5	AHNX	6	6.31	2.10	.45	-1.11	13.04	60.97	25.99	25.90	.15	2.35
WINTER	II	5	AHNZ	7	6.83	2.03	.18	-1.30	5.65	61.53	32.82	34.38	.06	1.87
WINTER	II	6	AHPA	1	7.13	1.68	.07	-.98	.78	66.45	32.77	52.68	.01	2.03
WINTER	II	6	AHPC	2	7.34	1.74	.06	-1.19	.63	61.83	37.55	48.88	.01	1.65
WINTER	II	6	AHPE	3	7.54	1.74	-.18	-1.01	1.31	58.09	40.60	48.23	.01	1.43
WINTER	II	6	AHPG	4	7.30	1.86	-.15	-.93	3.31	57.87	38.82	36.33	.03	1.49
WINTER	II	6	AHPI	5	7.49	1.64	-.01	-1.15	.71	58.69	40.59	48.34	.01	1.45
WINTER	II	6	AHPK	6	7.50	1.66	-.07	-.98	2.95	56.75	40.30	48.29	.03	1.41
WINTER	II	6	AHPM	7	7.44	1.79	-.03	-1.17	1.94	59.59	38.47	42.72	.02	1.55
WINTER	III	1	AHTM	1	6.11	2.00	.48	-.99	14.58	64.49	20.93	32.03	.17	3.08
WINTER	III	1	AHTO	2	6.91	1.96	.11	-1.22	5.23	61.96	32.82	41.70	.06	1.89
WINTER	III	1	AHTQ	3	6.07	2.05	.49	-.91	18.23	66.94	14.83	30.85	.22	4.51
WINTER	III	1	AHTS	4	6.59	2.06	.27	-1.25	8.92	62.54	28.54	35.24	.10	2.19
WINTER	III	1	AHTV	5	6.85	1.99	.14	-1.27	6.03	61.17	32.80	38.63	.06	1.86
WINTER	III	1	AHTY	6	6.68	2.01	.24	-1.23	6.83	63.17	30.00	37.00	.07	2.11

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	1	AHUA	7	6.86	1.95	.10	-1.17	6.46	62.46	31.08	37.08	.07	2.01
WINTER	III	2	AHZH	1	6.43	2.05	.40	-1.11	10.76	63.39	25.85	31.27	.12	2.45
WINTER	III	2	AHZN	2	7.27	2.17	-.07	-1.56	3.45	53.39	43.17	35.11	.04	1.24
WINTER	III	2	AHZR	3	7.07	1.80	.21	-1.24	.33	67.70	31.97	42.25	.00	2.12
WINTER	III	2	AHZW	4	6.82	1.60	.34	-.81	1.40	76.39	22.21	37.01	.01	3.44
WINTER	III	2	AHZY	5	7.03	1.76	.38	-1.19	.51	67.99	31.49	42.15	.01	2.16
WINTER	III	2	AUSQ	6	6.75	1.90	.41	-1.23	1.11	70.28	28.61	39.83	.01	2.46
WINTER	III	2	AIAB	7	7.22	1.77	.09	-1.12	1.42	63.91	34.66	40.53	.01	1.84
WINTER	III	3	AIBC	1	7.61	1.76	-.27	-.85	2.56	53.49	43.95	38.80	.03	1.22
WINTER	III	3	AIBH	2	7.35	1.78	.07	-1.22	.75	62.40	36.86	43.24	.01	1.69
WINTER	III	3	AIBM	3	6.84	1.98	.13	-1.28	.33	69.02	30.65	44.15	.00	2.25
WINTER	III	3	AIBR	4	7.45	1.81	-.02	-1.29	1.19	57.83	40.98	42.63	.01	1.41
WINTER	III	3	AIBT	5	7.29	1.82	.04	-1.30	.96	60.14	38.90	45.73	.01	1.55
WINTER	III	3	AIBV	6	7.14	1.72	.14	-1.08	.84	66.42	32.74	50.52	.01	2.03
WINTER	III	3	AIBX	7	7.63	1.78	-.21	-1.14	1.24	52.10	46.66	45.92	.01	1.12
WINTER	III	4	AICY	1	3.96	1.30	3.77	13.44	88.68	7.57	3.75	3.66	7.84	2.02
WINTER	III	4	AIDA	2	3.94	1.51	2.88	7.40	89.00	6.36	4.64	6.28	8.09	1.37
WINTER	III	4	AIDC	3	3.93	1.22	3.69	13.49	85.93	10.87	3.20	4.20	6.11	3.40
WINTER	III	4	AIDE	4	3.98	1.51	2.90	7.44	89.54	5.21	5.24	5.92	8.56	.99
WINTER	III	4	AIDG	5	3.89	.97	4.09	18.91	81.91	17.49	.60	5.87	4.53	29.11
WINTER	III	4	AIDI	6	4.14	1.22	3.22	10.52	70.34	25.98	3.68	6.50	2.37	7.05
WINTER	III	4	AIDT	7	4.72	2.17	1.40	.42	69.44	17.02	13.53	14.10	2.27	1.26
WINTER	III	5	AIEQ	1	7.31	1.86	-.11	-1.05	4.73	57.08	38.18	42.90	.05	1.50
WINTER	III	5	AIEV	2	7.24	1.92	-.01	-1.31	1.87	57.42	40.71	45.21	.02	1.41
WINTER	III	5	AIFA	3	6.73	2.01	-.00	-.95	8.56	61.12	30.33	43.12	.09	2.02
WINTER	III	5	AIFF	4	7.12	2.02	-.02	-1.32	5.86	55.76	38.39	43.27	.06	1.45
WINTER	III	5	AIFH	5	7.40	1.87	-.12	-1.16	2.72	57.70	39.58	43.97	.03	1.46
WINTER	III	5	AIFJ	6	6.86	1.98	.20	-1.31	3.98	63.14	32.87	37.59	.04	1.92

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	5	AIFL	7	7.11	1.99	.01	-1.32	4.10	58.54	37.36	37.55	.04	1.57
WINTER	III	6	AIGI	1	7.09	1.68	.16	-1.20	.44	66.44	33.12	58.24	.00	2.01
WINTER	III	6	AIGN	2	7.68	1.73	-.14	-1.26	.28	54.12	45.60	45.78	.00	1.19
WINTER	III	6	AIGS	3	7.28	1.57	.06	-.77	1.67	64.33	34.00	54.95	.02	1.89
WINTER	III	6	AIGX	4	7.85	1.90	-.30	-1.40	.72	49.61	49.67	45.14	.01	1.00
WINTER	III	6	AIGZ	5	7.72	1.79	-.19	-1.28	1.08	53.44	45.48	45.42	.01	1.17
WINTER	III	6	AIHB	6	7.58	1.83	-.09	-1.35	.70	56.03	43.27	45.04	.01	1.30
WINTER	III	6	AIHD	7	7.72	1.82	-.29	-1.13	1.34	51.13	47.53	42.63	.01	1.08
WINTER	IV	1	AIIA	1	3.83	2.06	1.81	2.07	77.00	15.74	7.26	10.77	3.35	2.17
WINTER	IV	1	AIIF	2	4.12	2.29	1.40	.59	69.83	19.26	10.91	13.33	2.31	1.77
WINTER	IV	1	AIIK	3	4.12	2.10	1.50	1.15	72.52	19.95	7.53	12.36	2.64	2.65
WINTER	IV	1	AIIP	4	4.16	2.49	1.30	.19	72.00	14.54	13.46	12.04	2.57	1.08
WINTER	IV	1	AIIR	5	3.91	2.07	1.71	1.76	71.59	19.53	8.88	11.06	2.52	2.20
WINTER	IV	1	AIIT	6	3.79	2.08	1.81	1.96	79.27	12.38	8.35	10.21	3.82	1.48
WINTER	IV	1	AIIV	7	4.11	2.35	1.40	.51	72.15	15.87	11.97	12.13	2.59	1.33
WINTER	IV	2	AIKG	1	7.10	2.01	-.15	-1.04	8.57	53.99	37.44	44.14	.09	1.44
WINTER	IV	2	AIKM	2	6.59	2.18	.01	-.97	13.39	58.98	27.63	40.07	.15	2.14
WINTER	IV	2	AIKR	3	7.31	1.89	-.19	-.87	3.57	58.99	37.44	45.66	.04	1.58
WINTER	IV	2	AIKW	4	7.47	1.90	-.28	-.90	2.72	55.28	42.00	45.59	.03	1.32
WINTER	IV	2	AIKY	5	7.04	1.95	-.07	-.90	4.66	61.43	33.91	45.57	.05	1.81
WINTER	IV	2	AILA	6	6.84	2.12	-.20	-.85	9.14	57.79	33.07	45.61	.10	1.75
WINTER	IV	2	AILC	7	6.71	2.02	.07	-.97	6.92	62.72	30.37	40.57	.07	2.07
WINTER	IV	3	AILW	1	5.30	2.83	.37	-1.41	47.34	29.60	23.07	25.72	.90	1.28
WINTER	IV	3	AIMB	2	5.52	2.71	.31	-1.42	45.40	30.32	24.28	26.68	.83	1.25
WINTER	IV	3	AIMG	3	4.88	2.61	.82	-.77	56.40	24.14	19.46	19.19	1.29	1.24
WINTER	IV	3	AIML	4	5.10	3.06	.58	-1.29	58.10	16.05	25.85	6.23	1.39	.62
WINTER	IV	3	AIMN	5	5.82	3.09	.21	-1.66	45.90	19.70	34.40	6.16	.85	.57
WINTER	IV	3	AIMP	6	4.56	2.63	.84	-.70	61.34	23.40	15.26	18.20	1.59	1.53

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	3	AIMR	7	5.18	2.68	.52	-1.26	52.63	26.79	20.58	22.58	1.11	1.30
WINTER	IV	4	AINV	1	3.69	1.84	2.27	4.28	79.47	14.11	6.42	4.98	3.87	2.20
WINTER	IV	4	AINZ	2	3.79	2.00	1.97	2.68	80.98	11.09	7.92	7.22	4.26	1.40
WINTER	IV	4	AIOE	3	7.73	1.68	-.28	-1.02	.51	51.46	48.03	44.38	.01	1.07
WINTER	IV	4	AIOJ	4	3.92	2.07	1.75	1.83	75.51	16.32	8.17	11.21	3.08	2.00
WINTER	IV	4	AIOL	5	3.26	1.62	2.99	8.11	90.66	5.36	3.97	4.29	9.71	1.35
WINTER	IV	4	AION	6	3.88	2.24	1.65	1.37	79.90	10.16	9.95	8.12	3.97	1.02
WINTER	IV	4	AIOP	7	3.70	1.99	2.06	3.05	84.20	8.05	7.75	6.71	5.33	1.04
WINTER	IV	5	AIPM	1	5.86	2.71	.10	-1.42	35.22	37.91	26.87	29.81	.54	1.41
WINTER	IV	5	AIPR	2	5.71	2.68	.20	-1.39	35.00	38.74	26.26	29.99	.54	1.48
WINTER	IV	5	AIPW	3	6.18	2.75	-.08	-1.43	29.31	38.23	32.46	31.01	.41	1.18
WINTER	IV	5	AIQB	4	5.04	2.75	.55	-1.17	48.58	32.37	19.04	22.49	.94	1.70
WINTER	IV	5	AIQD	5	5.71	2.66	.26	-1.36	36.31	38.20	25.49	26.36	.57	1.50
WINTER	IV	5	AIQF	6	4.79	2.81	.58	-1.13	52.87	27.23	19.91	18.53	1.12	1.37
WINTER	IV	5	AIQH	7	5.55	2.41	.46	-1.02	33.15	46.22	20.64	22.63	.50	2.24
WINTER	IV	6	AIRD	1	5.21	2.77	.22	-1.50	49.21	27.82	22.97	26.94	.97	1.21
WINTER	IV	6	AIRI	2	4.97	2.68	.62	-1.15	53.50	27.13	19.37	23.12	1.15	1.40
WINTER	IV	6	AIRN	3	4.08	2.53	1.13	.05	71.91	16.14	11.95	14.03	2.56	1.35
WINTER	IV	6	AIRS	4	4.90	2.70	.66	-1.12	56.27	27.62	16.11	22.39	1.29	1.71
WINTER	IV	6	AIRU	5	4.68	2.83	.67	-1.12	57.69	22.43	19.88	20.98	1.36	1.13
WINTER	IV	6	AIRW	6	5.41	2.70	.37	-1.40	45.95	30.98	23.07	27.91	.85	1.34
WINTER	IV	6	AIRY	7	5.60	2.80	.23	-1.47	41.34	32.90	25.77	27.61	.70	1.28
WINTER	IV	7	AITE	1	7.82	1.62	-.25	-1.04	.33	51.69	47.98	51.95	.00	1.08
WINTER	IV	7	AITJ	2	8.00	1.52	-.08	-1.46	.30	45.19	54.51	52.50	.00	.83
WINTER	IV	7	AITO	3	7.95	1.76	-.41	-1.05	.32	48.38	51.30	46.68	.00	.94
WINTER	IV	7	AITT	4	7.86	1.61	-.22	-1.06	.26	51.00	48.75	36.58	.00	1.05
WINTER	IV	7	AITV	5	8.08	1.69	-.40	-1.19	.85	43.55	55.60	38.37	.01	.78
WINTER	IV	7	AITX	6	7.83	1.69	-.33	-.95	.40	50.97	48.62	46.90	.00	1.05

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	7	AITZ	7	7.89	1.58	-.27	-.98	.41	49.96	49.63	47.36	.00	1.01
SPRING	I	1	ALXF	1	4.86	2.14	1.16	.06	52.03	34.87	13.10	15.72	1.08	2.66
SPRING	I	1	ALXH	2	5.23	2.27	.81	-.66	46.92	37.29	15.80	18.87	.88	2.36
SPRING	I	1	ALXJ	3	5.19	2.19	.88	-.44	42.30	43.03	14.67	17.53	.73	2.93
SPRING	I	1	ALXL	4	5.63	2.47	.57	-1.18	40.67	34.94	24.40	20.87	.69	1.43
SPRING	I	1	ALXN	5	5.08	2.21	.90	-.43	47.27	38.49	14.24	17.18	.90	2.70
SPRING	I	1	ALXP	6	5.27	2.20	.87	-.54	42.83	40.81	16.36	18.49	.75	2.49
SPRING	I	1	ANTQ	7	5.38	2.18	.83	-.51	38.51	46.31	15.18	18.91	.63	3.05
SPRING	I	2	ALXG	1	6.59	2.14	.18	-1.22	16.48	54.16	29.36	26.69	.20	1.85
SPRING	I	2	ALZI	2	6.68	2.01	.27	-1.16	9.17	61.77	29.06	28.86	.10	2.13
SPRING	I	2	ALZK	3	6.35	2.14	.33	-1.21	16.85	54.93	28.22	29.96	.20	1.95
SPRING	I	2	ALZM	4	6.14	2.22	.40	-1.20	25.46	49.14	25.39	24.68	.34	1.94
SPRING	I	2	ALZO	5	6.35	2.12	.34	-1.13	18.29	56.71	25.00	27.33	.22	2.27
SPRING	I	2	ALZQ	6	6.60	1.99	.23	-1.07	11.65	61.58	26.77	31.43	.13	2.30
SPRING	I	2	ANTR	7	6.11	2.17	.43	-1.11	25.70	50.45	23.85	26.57	.35	2.12
SPRING	I	3	AMBC	1	7.08	2.15	-.12	-1.31	7.29	51.34	41.37	37.35	.08	1.24
SPRING	I	3	AMBE	2	7.68	2.07	-.62	-.71	7.69	39.86	52.46	35.10	.08	.76
SPRING	I	3	AMBG	3	7.68	2.19	-.63	-.75	9.23	39.28	51.49	35.30	.10	.76
SPRING	I	3	AMBI	4	7.26	2.07	-.38	-.80	9.86	50.80	39.34	36.29	.11	1.29
SPRING	I	3	AMBK	5	7.47	1.98	-.42	-.89	6.38	47.69	45.93	39.97	.07	1.04
SPRING	I	3	AMBM	6	7.53	2.00	-.39	-1.06	4.42	47.30	48.28	41.60	.05	.98
SPRING	I	3	ANTS	7	7.47	2.10	-.49	-.92	7.91	43.84	48.25	38.18	.09	.91
SPRING	I	4	AMCY	1	4.64	2.34	1.16	-.13	63.81	22.46	13.73	13.48	1.76	1.64
SPRING	I	4	AMDA	2	4.81	2.45	1.01	-.46	61.08	22.12	16.80	16.79	1.57	1.32
SPRING	I	4	AMDC	3	4.36	2.19	1.44	.74	67.24	21.39	11.37	12.85	2.05	1.88
SPRING	I	4	AMDE	4	4.92	2.42	1.00	-.52	58.00	24.71	17.29	17.29	1.38	1.43
SPRING	I	4	AMDG	5	4.18	2.15	1.55	1.10	72.21	18.27	9.53	11.30	2.60	1.92
SPRING	I	4	AMDI	6	5.48	2.60	.50	-1.33	50.06	26.50	23.44	22.67	1.00	1.13

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	I	4	ANTT	7	4.50	2.16	1.44	.70	66.23	21.79	11.98	12.17	1.96	1.82
SPRING	I	4	AMES	1	7.27	2.01	-.36	-.90	9.99	49.61	40.40	41.61	.11	1.23
SPRING	I	5	AMEU	2	6.68	2.18	.00	-1.18	18.69	49.77	31.54	30.55	.23	1.58
SPRING	I	5	AMEW	3	6.49	2.17	.16	-1.25	17.69	53.46	28.85	30.43	.21	1.85
SPRING	I	5	AMEY	4	6.63	2.10	.09	-1.19	15.62	55.23	29.15	32.50	.19	1.89
SPRING	I	5	AMFA	5	7.61	1.88	-.51	-.61	6.23	47.98	45.78	41.72	.07	1.05
SPRING	I	5	AMFC	6	7.80	1.67	-.42	-.69	1.99	49.23	48.78	46.25	.02	1.01
SPRING	I	5	ANTU	7	8.08	1.54	-.39	-.89	1.48	45.23	53.29	46.08	.02	.85
SPRING	I	6	AMGM	1	6.36	2.18	.25	-1.19	19.24	54.56	26.20	26.00	.24	2.08
SPRING	I	6	AMGO	2	6.40	2.14	.24	-1.16	17.16	56.79	26.05	26.37	.21	2.18
SPRING	I	6	AMGQ	3	6.49	2.08	.21	-1.13	14.59	59.24	26.16	28.81	.17	2.26
SPRING	I	6	AMGS	4	6.40	2.10	.28	-1.10	15.33	59.50	25.18	29.28	.18	2.36
SPRING	I	6	AMGU	5	6.30	2.18	.31	-1.17	19.36	55.23	25.41	24.95	.24	2.17
SPRING	I	6	AMGW	6	6.27	2.21	.27	-1.21	20.18	54.11	25.71	26.52	.25	2.10
SPRING	I	6	ANTV	7	6.42	2.10	.34	-1.13	11.41	62.90	25.68	27.49	.13	2.45
SPRING	II	1	AMIF	1	6.33	2.04	.45	-1.01	12.12	64.23	23.65	25.01	.14	2.72
SPRING	II	1	AMIH	2	6.57	2.21	.20	-1.37	14.35	55.07	30.59	26.79	.17	1.80
SPRING	II	1	AMIJ	3	6.13	2.19	.63	-1.07	16.53	58.89	24.58	23.15	.20	2.40
SPRING	II	1	AMIL	4	6.44	2.13	.26	-1.26	14.48	57.68	27.85	29.86	.17	2.07
SPRING	II	1	AMIN	5	5.30	1.82	1.38	.79	21.59	66.16	12.25	15.45	.28	5.40
SPRING	II	1	AMIP	6	5.11	1.66	1.77	2.19	20.20	70.69	9.10	11.47	.25	7.77
SPRING	II	1	ANTW	7	6.07	2.03	.69	-.84	13.97	64.65	21.38	22.64	.16	3.02
SPRING	II	2	AMKG	1	6.44	2.05	.44	-1.16	8.01	66.03	25.96	27.13	.09	2.54
SPRING	II	2	AMKI	2	6.60	2.09	.30	-1.29	8.43	61.80	29.77	26.29	.09	2.08
SPRING	II	2	AMKK	3	6.11	2.09	.65	-1.00	12.57	63.68	23.75	23.09	.14	2.68
SPRING	II	2	AMKM	4	6.36	2.08	.48	-1.15	10.45	63.64	25.91	25.80	.12	2.46
SPRING	II	2	AMKO	5	6.36	2.05	.43	-1.11	7.74	67.67	24.60	28.35	.08	2.75
SPRING	II	2	AMKQ	6	6.28	2.15	.42	-1.18	16.74	57.62	25.63	24.64	.20	2.25

TABLE 3

PERIOD	THAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	2	ANTX	7	6.16	1.93	.35	-1.15	14.37	61.37	24.26	30.82	.17	2.53
SPRING	II	3	AMMH	1	7.22	1.92	-.04	-1.22	3.69	58.27	38.05	39.88	.04	1.53
SPRING	II	3	AMMJ	2	7.29	1.95	-.19	-1.16	5.28	52.80	41.93	35.68	.06	1.26
SPRING	II	3	AMML	3	7.06	2.16	-.32	-1.07	12.29	47.44	40.27	36.84	.14	1.18
SPRING	II	3	AMMN	4	7.75	1.78	-.39	-.88	2.82	49.46	47.72	40.71	.03	1.04
SPRING	II	3	AMMP	5	7.32	1.89	-.09	-1.08	2.49	65.55	31.96	37.31	.03	2.05
SPRING	II	3	AMMR	6	7.52	1.96	-.36	-.99	6.03	48.65	45.32	39.71	.06	1.07
SPRING	II	3	ANTY	7	7.66	1.83	-.39	-.84	3.41	51.12	45.47	41.34	.04	1.12
SPRING	II	4	AMOD	1	5.42	2.05	1.08	-.20	28.33	55.22	16.45	17.39	.40	3.36
SPRING	II	4	AMOF	2	6.40	2.16	.43	-1.28	11.01	59.91	29.07	26.73	.12	2.06
SPRING	II	4	AMOH	3	6.14	2.03	.67	-.92	8.46	69.00	22.54	24.08	.09	3.06
SPRING	II	4	AMOJ	4	5.87	2.05	.78	-.72	16.06	64.39	19.54	21.93	.19	3.30
SPRING	II	4	AMOL	5	5.70	1.95	.99	-.33	15.49	67.29	17.23	21.20	.18	3.91
SPRING	II	4	AMON	6	6.63	2.11	.32	-1.29	7.73	61.75	30.52	30.29	.08	2.02
SPRING	II	4	ANTZ	7	5.68	2.01	.97	-.37	18.49	63.90	17.61	21.35	.23	3.63
SPRING	II	5	AMPV	1	7.61	1.71	-.07	-1.27	.10	57.18	42.72	43.79	.00	1.34
SPRING	II	5	AMPX	2	6.69	2.01	.28	-1.27	5.33	65.08	29.59	31.17	.06	2.20
SPRING	II	5	AMPZ	3	7.13	1.96	-.00	-1.25	4.56	58.97	36.46	36.62	.05	1.62
SPRING	II	5	AMQB	4	7.13	1.99	-.02	-1.31	4.33	57.73	37.95	36.56	.05	1.52
SPRING	II	5	AMQD	5	7.11	2.00	.04	-1.34	3.87	59.36	36.76	35.81	.04	1.61
SPRING	II	5	AMGF	6	6.97	1.97	-.01	-1.19	6.96	58.42	34.62	37.66	.07	1.69
SPRING	II	5	ANUA	7	6.85	2.01	.16	-1.29	6.21	61.23	32.56	33.04	.07	1.88
SPRING	II	6	AMRN	1	6.83	2.10	.04	-1.26	10.85	55.35	33.80	34.23	.12	1.64
SPRING	II	6	AMRP	2	7.27	1.90	-.12	-1.18	1.61	59.61	38.78	36.77	.02	1.54
SPRING	II	6	AMRR	3	7.35	1.82	-.07	-1.16	1.84	59.04	39.12	41.85	.02	1.51
SPRING	II	6	AMRT	4	7.15	1.92	-.05	-1.15	5.89	57.63	36.48	36.22	.06	1.58
SPRING	II	6	AMRV	5	7.31	1.88	-.09	-1.16	3.76	58.10	38.14	35.55	.04	1.52
SPRING	II	6	AMRX	6	7.32	1.92	-.15	-1.11	4.90	55.35	39.74	37.42	.05	1.39

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	6	ANUB	7	7.24	1.92	-.12	-1.13	4.85	57.16	38.00	37.00	.05	1.50
SPRING	III	1	AMWH	1	6.86	1.94	.15	-1.11	7.78	61.82	30.40	36.35	.08	2.03
SPRING	III	1	AMWJ	2	6.54	1.91	.43	-1.07	4.29	69.71	26.01	31.72	.04	2.68
SPRING	III	1	AMWL	3	6.80	1.94	.27	-1.21	3.85	66.20	29.95	32.99	.04	2.21
SPRING	III	1	AMWN	4	6.85	1.98	.27	-1.29	2.95	65.79	31.26	34.28	.03	2.10
SPRING	III	1	AMWP	5	6.90	1.95	.23	-1.22	3.22	66.22	30.56	34.50	.03	2.17
SPRING	III	1	AMWR	6	6.95	1.97	.19	-1.28	4.38	62.50	33.12	30.19	.05	1.89
SPRING	III	1	ANUG	7	6.60	1.99	.37	-1.20	4.76	67.14	28.10	32.49	.05	2.39
SPRING	III	2	AMYH	1	6.73	2.34	-.06	-1.30	16.21	48.07	35.71	31.30	.19	1.35
SPRING	III	2	AMYJ	2	7.24	1.79	.03	-1.11	2.82	61.42	35.76	42.40	.03	1.72
SPRING	III	2	AMYL	3	7.10	2.09	-.26	-.78	7.11	54.61	38.28	38.48	.08	1.43
SPRING	III	2	AMYN	4	7.09	1.83	-.04	-1.18	2.80	59.16	38.04	40.50	.03	1.56
SPRING	III	2	AMYP	5	7.34	1.88	-.11	-1.18	2.83	57.12	40.06	38.64	.03	1.43
SPRING	III	2	AMYR	6	7.72	1.78	-.24	-1.21	.69	52.09	47.22	42.53	.01	1.10
SPRING	III	2	ANUH	7	7.75	1.68	-.21	-1.12	.45	52.80	46.75	43.11	.00	1.13
SPRING	III	3	ANAE	1	7.41	1.86	-.16	-1.13	3.04	56.01	40.95	34.70	.03	1.37
SPRING	III	3	ANAG	2	7.45	1.76	-.09	-1.11	1.90	58.03	40.07	42.07	.02	1.45
SPRING	III	3	ANAI	3	7.66	1.76	-.28	-.98	.81	53.83	45.35	46.12	.01	1.19
SPRING	III	3	ANAK	4	7.29	1.83	-.04	-1.15	2.59	59.70	37.71	40.82	.03	1.58
SPRING	III	3	ANAM	5	7.44	1.81	-.06	-1.23	1.12	57.36	41.52	39.56	.01	1.38
SPRING	III	3	ANAO	6	7.43	1.82	-.10	-1.21	1.55	56.48	41.97	36.95	.02	1.35
SPRING	III	3	ANUI	7	7.15	1.85	.07	-1.20	2.09	63.56	34.36	36.51	.02	1.85
SPRING	III	4	ANCA	1	4.25	1.50	2.64	6.09	73.81	20.71	5.48	6.64	2.82	3.78
SPRING	III	4	ANCC	2	4.26	1.64	2.69	5.96	78.28	14.69	7.03	3.47	3.60	2.09
SPRING	III	4	ANCE	3	3.99	1.09	3.63	13.65	79.94	18.18	1.88	4.46	3.99	9.69
SPRING	III	4	ANCG	4	3.80	.79	3.90	18.89	81.73	17.31	.96	3.41	4.47	17.95
SPRING	III	4	ANCI	5	4.46	1.57	2.13	3.87	60.26	33.65	6.08	9.16	1.52	5.53
SPRING	III	4	ANCK	6	4.14	1.34	2.99	8.66	73.08	23.23	3.69	5.79	2.72	6.30

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	III	4	ANUJ	7	4.17	1.39	2.86	7.60	74.17	21.12	4.71	5.94	2.87	4.48
SPRING	III	5	ANDU	1	7.06	1.96	.04	-1.27	4.96	59.19	35.85	39.52	.05	1.65
SPRING	III	5	ANDW	2	6.74	1.90	.27	-1.18	4.13	66.77	29.11	39.75	.04	2.29
SPRING	III	5	ANDY	3	7.25	2.05	-.09	-1.45	4.33	53.09	42.57	40.12	.05	1.25
SPRING	III	5	ANEA	4	7.44	2.11	-.16	-1.41	4.81	53.74	41.45	34.61	.05	1.30
SPRING	III	5	ANEC	5	7.33	1.84	-.05	-1.22	1.53	58.70	39.78	40.65	.02	1.48
SPRING	III	5	ANEE	6	6.85	2.01	.25	-1.31	3.24	64.12	32.64	31.69	.03	1.96
SPRING	III	5	ANUK	7	7.82	1.55	-.21	-.78	1.76	52.18	46.05	46.96	.02	1.13
SPRING	III	6	ANFM	1	7.73	1.78	-.43	-.75	2.54	49.78	47.68	41.06	.03	1.04
SPRING	III	6	ANFO	2	7.81	1.70	-.35	-.92	1.53	49.23	49.24	41.67	.02	1.00
SPRING	III	6	ANFQ	3	7.60	1.82	-.25	-1.05	2.06	54.10	43.83	42.14	.02	1.23
SPRING	III	6	ANFS	4	7.49	1.88	-.24	-1.09	3.51	52.64	43.85	40.29	.04	1.20
SPRING	III	6	ANFU	5	7.66	1.76	-.26	-1.02	2.41	51.39	46.20	42.67	.02	1.11
SPRING	III	6	ANFW	6	7.59	1.77	-.22	-1.04	1.46	54.15	44.39	41.48	.01	1.22
SPRING	III	6	ANUL	7	7.31	1.78	.03	-1.15	1.85	61.77	36.39	38.66	.02	1.70
SPRING	IV	1	ANHE	1	3.90	2.17	1.60	1.28	76.23	14.36	9.41	11.55	3.21	1.53
SPRING	IV	1	ANGH	2	3.61	2.05	1.96	2.79	80.97	11.69	7.34	8.92	4.25	1.59
SPRING	IV	1	ANHI	3	4.26	2.49	1.10	-.06	65.52	20.99	13.49	14.24	1.90	1.56
SPRING	IV	1	ANHK	4	3.63	1.92	2.21	3.79	82.16	10.67	7.17	6.93	4.61	1.49
SPRING	IV	1	ANHM	5	3.91	2.23	1.58	1.35	72.48	17.62	9.89	10.68	2.63	1.78
SPRING	IV	1	ANHO	6	3.98	2.13	1.69	1.57	71.10	20.28	8.62	9.48	2.46	2.35
SPRING	IV	1	ANUM	7	4.04	2.15	1.54	1.22	70.84	20.87	8.29	11.76	2.43	2.52
SPRING	IV	2	ANJE	1	5.93	2.73	.03	-1.46	35.05	37.32	27.62	31.11	.54	1.35
SPRING	IV	2	ANJG	2	5.12	2.69	.58	-1.22	50.46	28.76	20.78	20.81	1.02	1.38
SPRING	IV	2	ANJI	3	5.30	2.75	.44	-1.37	46.33	30.17	23.50	21.68	.86	1.28
SPRING	IV	2	ANJK	4	5.36	2.69	.36	-1.38	45.11	32.31	22.58	27.01	.82	1.43
SPRING	IV	2	ANJM	5	4.99	2.65	.62	-1.12	51.03	30.47	18.50	21.57	1.04	1.65
SPRING	IV	2	ANJO	6	5.39	2.78	.37	-1.44	47.28	28.02	24.70	23.66	.90	1.13

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	2	ANUN	7	5.32	2.76	.39	-1.39	46.81	29.88	23.31	24.07	.88	1.28
SPRING	IV	3	ANLB	1	7.54	1.82	-.34	-.70	4.74	52.83	42.43	41.07	.05	1.25
SPRING	IV	3	ANLD	2	7.75	1.69	-.37	-.69	2.21	50.56	47.23	44.47	.02	1.07
SPRING	IV	3	ANLF	3	7.53	1.91	-.38	-.80	4.37	51.85	43.78	39.14	.05	1.18
SPRING	IV	3	ANLH	4	7.26	1.86	-.09	-1.05	3.35	59.12	37.53	40.60	.03	1.58
SPRING	IV	3	ANLJ	5	7.73	1.78	-.39	-.83	2.60	49.27	48.14	41.05	.03	1.02
SPRING	IV	3	ANLL	6	7.44	1.90	-.40	-.58	5.78	52.71	41.51	42.95	.06	1.27
SPRING	IV	3	ANUO	7	7.36	2.08	-.54	-.63	10.73	45.64	43.63	37.57	.12	1.05
SPRING	IV	4	ANMX	1	3.91	2.07	1.85	2.17	74.21	16.75	9.03	7.71	2.88	1.85
SPRING	IV	4	ANMZ	2	3.56	1.71	2.35	4.99	74.01	20.95	5.04	5.29	2.85	4.16
SPRING	IV	4	ANNB	3	3.48	1.56	2.70	7.19	81.44	15.51	3.05	4.69	4.39	5.09
SPRING	IV	4	ANND	4	3.94	2.08	1.74	1.83	74.56	16.85	8.58	8.86	2.93	1.96
SPRING	IV	4	ANNF	5	3.80	2.00	1.97	2.69	78.44	13.76	7.80	7.52	3.64	1.77
SPRING	IV	4	ANNH	6	3.73	1.87	2.03	3.46	77.53	16.39	6.08	6.14	3.45	2.70
SPRING	IV	4	ANUP	7	4.05	2.19	1.56	1.18	72.16	17.94	9.90	9.27	2.59	1.81
SPRING	IV	5	ANOP	1	6.78	2.31	-.25	-.98	13.54	52.42	34.04	34.90	.16	1.54
SPRING	IV	5	ANOR	2	6.85	2.27	-.34	-.85	12.47	52.16	35.37	38.81	.14	1.47
SPRING	IV	5	ANOT	3	4.83	2.58	.78	-.85	52.00	30.80	17.20	18.68	1.08	1.79
SPRING	IV	5	ANOV	4	4.88	2.61	.83	-.79	56.01	25.85	18.14	16.05	1.27	1.42
SPRING	IV	5	ANOX	5	4.44	2.51	1.01	-.43	57.61	28.11	14.27	16.56	1.36	1.97
SPRING	IV	5	ANOZ	6	4.76	2.65	.81	-.85	56.11	26.82	17.07	17.49	1.28	1.57
SPRING	IV	5	ANUQ	7	4.28	2.51	1.13	-.17	64.63	22.13	13.24	14.92	1.83	1.67
SPRING	IV	6	ANQH	1	5.30	2.66	.44	-1.29	45.47	32.79	21.74	23.44	.83	1.51
SPRING	IV	6	ANQJ	2	5.46	2.74	.32	-1.40	42.84	33.19	23.98	25.88	.75	1.38
SPRING	IV	6	ANQL	3	6.03	2.67	.04	-1.44	32.59	37.63	29.78	28.03	.48	1.26
SPRING	IV	6	ANQN	4	5.67	2.82	.20	-1.50	42.43	30.23	27.33	25.51	.74	1.11
SPRING	IV	6	ANQP	5	5.49	2.84	.23	-1.46	48.39	27.22	24.39	26.13	.94	1.12
SPRING	IV	6	ANQR	6	6.16	2.62	-.04	-1.37	29.54	39.97	30.48	28.27	.42	1.31

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	6	ANUR	7	5.02	2.73	.63	-1.15	52.14	27.31	20.55	19.75	1.09	1.33
SPRING	IV	7	ANRZ	1	7.78	1.60	-.19	-1.12	.85	51.56	47.60	41.37	.01	1.08
SPRING	IV	7	ANSB	2	7.60	1.60	-.25	-.84	1.10	53.06	45.84	43.44	.01	1.16
SPRING	IV	7	ANSD	3	7.81	1.67	-.29	-1.03	.67	49.89	49.44	39.65	.01	1.01
SPRING	IV	7	ANSF	4	7.77	1.68	-.34	-.88	2.07	49.50	48.42	40.86	.02	1.02
SPRING	IV	7	ANSH	5	4.83	2.02	1.51	.85	57.76	29.54	12.70	10.92	1.37	2.33
SPRING	IV	7	ANSJ	6	7.86	1.72	-.44	-.82	1.57	47.78	50.64	38.17	.02	.94
SPRING	IV	7	ANUS	7	7.80	1.65	-.28	-.99	.75	50.98	48.26	41.56	.01	1.06
DECEMBER	II	1	AVXZ	1	5.06	1.86	1.35	.82	37.36	52.65	10.00	15.53	.60	5.27
DECEMBER	II	1	AVYC	2	5.40	1.79	1.25	.63	18.46	69.22	12.33	15.92	.23	5.62
DECEMBER	II	1	AVYF	3	6.79	2.12	.03	-1.21	11.65	57.17	31.19	29.47	.13	1.83
DECEMBER	II	1	AVYI	4	6.85	2.12	-.14	-1.06	13.55	54.86	31.59	34.37	.16	1.74
DECEMBER	II	1	AVYL	5	6.28	1.88	.67	-.72	4.49	75.68	19.83	24.11	.05	3.82
DECEMBER	II	1	AVYO	6	6.48	2.23	.17	-1.27	17.40	52.12	30.48	28.05	.21	1.71
DECEMBER	II	1	AVYV	7	5.28	2.02	1.13	.02	32.50	52.93	14.57	16.56	.48	3.63
DECEMBER	II	2	AVZM	1	6.14	2.02	.65	-.89	11.19	67.30	21.51	23.56	.13	3.13
DECEMBER	II	2	AVZP	2	6.06	2.03	.62	-.90	14.33	64.48	21.20	25.02	.17	3.04
DECEMBER	II	2	AVZS	3	5.95	2.10	.75	-.82	16.29	62.55	21.16	20.86	.19	2.96
DECEMBER	II	2	AVZV	4	6.23	2.00	.55	-.98	10.95	64.71	24.34	26.99	.12	2.66
DECEMBER	II	2	AVZY	5	5.89	1.92	.84	-.51	11.44	71.33	17.24	22.88	.13	4.14
DECEMBER	II	2	AWAB	6	5.70	1.99	.88	-.50	19.43	63.02	17.55	22.05	.24	3.59
DECEMBER	II	2	AWAI	7	6.23	2.11	.45	-1.02	13.32	63.00	23.68	27.31	.15	2.66
DECEMBER	II	3	AWAT	1	7.52	1.88	-.28	-1.02	3.57	52.87	43.56	41.05	.04	1.21
DECEMBER	II	3	AWAW	2	7.62	1.81	-.34	-.88	3.17	52.31	44.52	38.44	.03	1.18
DECEMBER	II	3	AWAZ	3	7.38	1.89	-.15	-1.15	2.92	56.38	40.70	36.75	.03	1.39
DECEMBER	II	3	AWBC	4	7.62	1.82	-.28	-1.03	3.08	50.66	46.26	39.37	.03	1.09
DECEMBER	II	3	AWBF	5	7.53	1.85	-.25	-1.08	2.65	54.10	43.26	38.32	.03	1.25
DECEMBER	II	3	AWBI	6	7.67	1.80	-.33	-.94	2.39	51.48	46.13	36.17	.02	1.12

TABLE 3

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
DECEMBER	II	3	AWBP	7	7.53	1.77	-.21	-1.04	2.13	54.57	43.30	39.14	.02	1.26
DECEMBER	II	4	AWCA	1	6.63	2.11	.24	-1.34	8.54	61.17	30.28	27.52	.09	2.02
DECEMBER	II	4	AWCD	2	6.60	2.08	.30	-1.22	9.85	60.98	29.18	32.20	.11	2.09
DECEMBER	II	4	AWCG	3	6.69	2.13	.18	-1.33	10.51	57.62	31.86	30.50	.12	1.81
DECEMBER	II	4	AWCJ	4	6.22	2.29	.34	-1.34	23.85	47.72	28.42	26.47	.31	1.68
DECEMBER	II	4	AWCM	5	6.18	2.04	.58	-1.00	11.47	65.60	22.93	24.90	.13	2.86
DECEMBER	II	4	AWCP	6	5.86	2.04	.76	-.76	17.01	63.33	19.66	21.83	.20	3.22
DECEMBER	II	4	AWCW	7	6.04	2.00	.67	-.85	12.49	66.29	21.22	25.40	.14	3.12
DECEMBER	II	5	AWDF	1	6.83	2.05	.18	-1.30	6.17	61.12	32.70	30.87	.07	1.87
DECEMBER	II	5	AWDI	2	6.97	2.01	.06	-1.24	5.59	60.62	33.79	35.20	.06	1.79
DECEMBER	II	5	AWDL	3	6.36	2.07	.43	-1.13	10.96	64.68	24.36	27.31	.12	2.66
DECEMBER	II	5	AWDO	4	6.63	2.07	.27	-1.28	8.43	61.89	29.69	29.29	.09	2.08
DECEMBER	II	5	AWDR	5	6.65	2.03	.28	-1.24	6.75	63.68	29.57	29.56	.07	2.15
DECEMBER	II	5	AWDU	6	6.88	2.04	.08	-1.27	6.91	59.59	33.51	32.57	.07	1.78
DECEMBER	II	5	AWEB	7	6.55	2.08	.30	-1.27	9.24	61.43	29.33	22.04	.10	2.09
DECEMBER	II	6	AWEK	1	7.47	1.77	-.17	-.95	2.96	56.53	40.51	39.08	.03	1.40
DECEMBER	II	6	AWEN	2	7.31	1.73	-.17	-.82	3.27	59.42	37.31	44.14	.03	1.59
DECEMBER	II	6	AWEQ	3	7.52	2.01	-.13	-1.36	2.61	57.15	40.24	33.23	.03	1.42
DECEMBER	II	6	AWET	4	6.88	2.02	.09	-1.30	1.74	64.99	33.27	34.83	.02	1.95
DECEMBER	II	6	AWEW	5	7.19	1.93	-.08	-1.14	4.59	58.78	36.63	34.73	.05	1.60
DECEMBER	II	6	AWEZ	6	7.53	1.72	-.15	-.98	2.09	56.12	41.79	40.28	.02	1.34
DECEMBER	II	6	AWFG	7	8.01	1.76	-.51	-.89	1.53	44.68	53.80	29.45	.02	.83

TABLE 4

SEDIMENT PARAMETERS CALCULATED BY THE GRAPHICAL METHODS OF FOLK* CALCULATED AS THOUGH THE RAW DATA WERE OBTAINED BY THE COULTER COUNTER METHOD

Key to Table:

PERIOD	Month or Season
TRAN	Transect
STA	Station
SAMP	Sample Code
REP	Replicate Number
MEAN	Mean
SD	Standard Deviation
SKEW	Coefficient of Skewness
KURT	Coefficient of Kurtosis

SAND, SILT, CLAY, >10.6	Percents	Percentage of total weight in the sand, silt and clay categories and in the fraction greater than 10.6 phi.
SA/MUD	Ratios	Ratio of sand weight to mud weight.
SI/CL	Ratios	Ratio of silt weight to clay weight.

*Folk (1974)

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	1	AJTP	1	5.50	2.29	.61	.72	38.80	41.00	20.21	24.73	.63	2.03
MARCH	II	1	AJTR	2	5.70	2.36	.49	.62	32.89	38.10	29.01	25.94	.49	1.31
MARCH	II	1	AJTT	3	5.81	2.15	.32	.83	23.64	57.83	18.53	24.73	.31	3.12
MARCH	II	1	AJTV	4	5.11	1.92	.35	1.04	35.63	53.10	11.27	18.60	.55	4.71
MARCH	II	1	AJTX	5	4.91	1.70	.62	1.52	33.06	56.81	10.13	14.16	.49	5.61
MARCH	II	1	AJTZ	6	5.45	2.21	.59	.80	30.94	51.12	17.94	23.55	.45	2.85
MARCH	II	1	AKCC	7	5.85	2.30	.31	.72	27.73	50.81	21.46	26.67	.38	2.37
MARCH	II	2	AJVJ	1	6.51	2.16	.22	.77	9.35	65.48	25.17	33.33	.10	2.60
MARCH	II	2	AJVL	2	6.45	2.16	.28	.73	9.12	65.02	25.86	31.76	.10	2.51
MARCH	II	2	AJVN	3	6.19	2.18	.33	.75	15.68	61.53	22.79	28.55	.19	2.70
MARCH	II	2	AJVP	4	6.01	2.20	.34	.79	19.96	59.63	20.41	27.09	.25	2.92
MARCH	II	2	AJVR	5	6.25	2.17	.25	.77	14.00	63.24	22.75	31.80	.16	2.78
MARCH	II	2	AJVT	6	5.72	2.26	.32	.75	34.77	45.73	19.50	27.32	.53	2.35
MARCH	II	2	AKCE	7	6.50	2.13	.22	.75	8.66	65.30	26.04	33.23	.09	2.51
MARCH	II	3	AJYF	1	7.58	1.91	-.05	.75	1.81	55.13	43.06	46.71	.02	1.28
MARCH	II	3	AJYH	2	7.35	1.98	-.02	.76	4.02	55.92	40.05	45.38	.04	1.40
MARCH	II	3	AJYJ	3	7.53	1.94	-.07	.77	3.03	54.86	42.11	46.47	.03	1.30
MARCH	II	3	AJYL	4	7.63	1.87	-.06	.74	3.23	52.97	43.80	45.70	.03	1.21
MARCH	II	3	AJYN	5	7.40	1.92	-.03	.83	3.42	60.58	36.00	49.95	.04	1.68
MARCH	II	3	AJYP	6	7.20	2.04	-.02	.79	6.36	55.18	38.45	43.69	.07	1.44
MARCH	II	3	AKCH	7	7.47	1.91	.02	.72	.32	59.30	40.38	45.11	.00	1.47
MARCH	II	4	AJUO	1	6.57	2.21	.17	.68	12.36	48.56	39.08	35.86	.14	1.24
MARCH	II	4	AJUQ	2	6.80	2.04	.16	.79	4.97	67.47	27.56	40.12	.05	2.45
MARCH	II	4	AJUS	3	5.89	2.21	.43	.77	22.19	56.31	21.50	27.55	.29	2.62
MARCH	II	4	AJUU	4	6.70	2.15	.15	.69	7.63	63.00	29.37	34.72	.08	2.15
MARCH	II	4	AJUW	5	6.82	2.16	.13	.71	6.52	62.69	30.79	38.64	.07	2.04
MARCH	II	4	AJUY	6	6.71	2.20	.11	.75	9.92	59.08	31.00	36.85	.11	1.91

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
MARCH	II	4	AKCD	7	6.73	1.91	.32	.67	5.81	65.41	28.78	34.37	.06	2.27
MARCH	II	5	AJWL	1	6.49	2.46	-.03	.86	17.34	54.06	28.60	35.91	.21	1.89
MARCH	II	5	AJWN	2	6.58	2.23	.14	.71	12.28	57.86	29.86	34.12	.14	1.94
MARCH	II	5	AJWP	3	6.34	2.10	.23	.84	11.33	64.68	23.99	35.59	.13	2.70
MARCH	II	5	AJWR	4	6.66	2.29	.08	.66	14.36	54.84	30.80	35.19	.17	1.78
MARCH	II	5	AJWT	5	6.70	2.14	.14	.74	6.22	64.21	29.57	38.14	.07	2.17
MARCH	II	5	AJWV	6	6.43	2.11	.26	.73	8.32	66.30	25.38	32.79	.09	2.61
MARCH	II	5	AKCF	7	6.86	2.16	.05	.76	6.75	60.14	33.11	38.78	.07	1.82
MARCH	II	6	AJXH	1	7.84	1.78	-.08	.84	.70	53.41	45.89	49.90	.01	1.16
MARCH	II	6	AJXJ	2	8.06	1.61	-.08	.74	.09	49.02	50.88	52.36	.00	.96
MARCH	II	6	AJXL	3	7.48	1.82	.02	.77	2.60	59.25	38.15	47.50	.03	1.55
MARCH	II	6	AJXN	4	7.50	1.89	.02	.74	2.41	58.50	39.09	47.28	.02	1.50
MARCH	II	6	AJXQ	5	7.96	1.86	-.21	.68	1.13	47.00	51.88	34.71	.01	.91
MARCH	II	6	AJXS	6	7.34	1.85	.08	.84	2.79	61.79	35.42	48.18	.03	1.74
MARCH	II	6	AKCG	7	7.54	1.79	.02	.74	1.03	56.70	42.27	46.77	.01	1.34
APRIL	II	1	AKLY	1	5.84	2.10	.41	.80	22.26	58.38	19.36	25.44	.29	3.02
APRIL	II	1	AKMA	2	5.33	2.08	.65	.91	32.17	51.85	15.98	21.00	.47	3.24
APRIL	II	1	AKMC	3	5.35	2.10	.61	.92	32.04	51.99	15.97	19.80	.47	3.26
APRIL	II	1	AKME	4	5.97	2.17	.52	.75	16.63	61.10	22.27	25.61	.20	2.74
APRIL	II	1	AKMG	5	6.03	2.23	.54	.69	17.44	57.91	24.66	24.20	.21	2.35
APRIL	II	1	AKMI	6	6.67	2.25	.11	.66	10.89	58.73	30.38	31.58	.12	1.93
APRIL	II	1	AKMQ	7	5.86	2.25	.40	.75	27.11	51.58	21.30	24.46	.37	2.42
APRIL	II	2	AKNX	1	6.40	2.21	.23	.74	12.76	61.11	26.12	30.82	.15	2.34
APRIL	II	2	AKNZ	2	6.26	2.20	.28	.72	15.38	60.47	24.15	29.71	.18	2.50
APRIL	II	2	AKOB	3	5.89	2.07	.53	.82	15.01	65.88	19.11	24.26	.18	3.45
APRIL	II	2	AKOD	4	5.76	2.21	.39	.83	25.83	55.08	19.09	25.25	.35	2.89
APRIL	II	2	AKOE	5	6.11	2.07	.33	.77	13.54	65.59	20.87	25.62	.16	3.14
APRIL	II	2	AKOG	6	5.65	2.07	.61	.88	22.17	59.48	18.35	20.71	.28	3.24

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	2	AKOH	7	5.76	2.29	.40	.75	28.23	50.39	21.38	23.35	.39	2.36
APRIL	II	2	AKQS	1	7.54	2.03	-.11	.76	4.48	52.19	43.33	39.87	.05	1.20
APRIL	II	3	AKQU	2	7.25	2.11	-.04	.74	5.89	55.10	39.01	41.24	.06	1.41
APRIL	II	3	AKQW	3	7.94	1.95	-.29	.71	2.90	43.33	53.76	34.93	.03	.81
APRIL	II	3	AKQY	4	7.27	2.09	-.07	.74	5.43	53.16	41.41	42.94	.06	1.28
APRIL	II	3	AKRA	5	7.30	2.02	-.08	.78	4.53	56.08	39.39	43.29	.05	1.42
APRIL	II	3	AKRC	6	7.53	2.03	-.10	.76	5.61	50.58	43.81	43.40	.06	1.15
APRIL	II	3	AKRK	7	7.56	1.92	-.03	.73	2.84	54.67	42.50	43.18	.03	1.29
APRIL	II	4	AKMZ	1	6.38	2.02	.34	.82	6.85	69.84	23.31	32.37	.07	3.00
APRIL	II	4	AKNB	2	5.91	2.11	.52	.78	16.67	62.54	20.79	23.89	.20	3.01
APRIL	II	4	AKND	3	5.82	2.11	.51	.82	19.23	60.64	20.12	25.52	.24	3.01
APRIL	II	4	AKNF	4	5.93	2.16	.51	.78	18.11	60.80	21.09	26.18	.22	2.88
APRIL	II	4	AKNH	5	6.57	2.15	.23	.68	7.67	62.46	29.87	33.77	.08	2.09
APRIL	II	4	AKNJ	6	6.26	2.22	.22	.77	16.34	59.39	24.27	29.77	.20	2.45
APRIL	II	4	AKNR	7	6.52	2.10	.18	.72	8.47	63.51	28.01	34.93	.09	2.27
APRIL	II	5	AKOW	1	6.73	2.25	.10	.66	11.20	58.34	30.46	35.53	.13	1.92
APRIL	II	5	AKOY	2	6.80	2.14	.04	.69	6.96	48.59	44.45	41.17	.07	1.09
APRIL	II	5	AKPA	3	6.92	2.10	.05	.76	7.66	57.87	34.47	38.68	.08	1.68
APRIL	II	5	AKPC	4	7.08	2.08	.02	.75	6.04	57.22	36.74	38.47	.06	1.56
APRIL	II	5	AKPE	5	6.99	2.15	.03	.70	4.60	59.62	35.78	38.05	.05	1.67
APRIL	II	5	AKPG	6	6.59	2.13	.29	.72	7.50	63.73	28.78	28.68	.08	2.21
APRIL	II	5	AKPO	7	6.63	2.19	.21	.67	8.23	61.32	30.45	31.90	.09	2.01
APRIL	II	6	AKPU	1	7.49	1.88	.00	.76	1.25	58.36	40.40	46.03	.01	1.44
APRIL	II	6	AKPW	2	7.46	1.89	-.02	.84	4.36	57.59	38.05	41.84	.05	1.51
APRIL	II	6	AKPY	3	7.63	1.79	-.00	.77	1.25	56.45	42.30	41.72	.01	1.33
APRIL	II	6	AKQA	4	7.46	1.82	.04	.81	.60	59.92	39.48	47.90	.01	1.52
APRIL	II	6	AKQC	5	7.51	1.77	.02	.81	.53	58.66	40.81	47.58	.01	1.44
APRIL	II	6	AKQE	6	7.41	1.86	.01	.80	.99	59.33	39.68	44.27	.01	1.50

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
APRIL	II	6	AKQM	7	7.33	1.97	.04	.75	3.75	58.00	38.25	41.71	.04	1.52
JULY	II	1	AOHV	1	6.54	2.19	.20	.69	10.60	59.99	29.40	30.40	.12	2.04
JULY	II	1	AOHX	2	6.75	2.22	.08	.69	10.69	57.18	32.12	31.01	.12	1.78
JULY	II	1	AOHZ	3	6.19	2.25	.37	.72	16.66	57.79	25.55	26.26	.20	2.26
JULY	II	1	AOIB	4	6.13	2.10	.43	.80	10.78	66.51	22.71	29.06	.12	2.93
JULY	II	1	AOID	5	5.74	2.10	.47	.93	20.93	60.72	18.35	24.08	.26	3.31
JULY	II	1	AOIE	6	6.18	2.19	.32	.76	15.63	59.67	24.69	27.75	.19	2.42
JULY	II	1	AOIU	7	6.04	2.26	.42	.74	20.62	56.79	22.59	26.66	.26	2.51
JULY	II	2	AOIW	1	6.01	2.11	.46	.81	14.37	64.72	20.91	25.15	.17	3.09
JULY	II	2	AOIY	2	6.50	2.13	.27	.72	8.05	64.48	27.47	30.94	.09	2.35
JULY	II	2	AOJA	3	6.61	2.14	.19	.71	7.39	63.75	28.86	30.89	.08	2.21
JULY	II	2	AOJC	4	5.98	2.36	.25	.73	22.76	53.29	23.95	26.72	.29	2.22
JULY	II	2	AOJE	5	5.85	2.20	.41	.84	23.27	57.17	19.56	25.19	.30	2.92
JULY	II	2	AOJG	6	6.13	2.18	.36	.80	16.34	61.96	21.70	26.97	.20	2.86
JULY	II	2	AOJZ	7	6.14	2.44	.20	.70	25.81	48.82	25.36	26.87	.35	1.92
JULY	II	3	AOKB	1	7.53	2.11	-.15	.74	5.56	49.49	44.95	36.45	.06	1.10
JULY	II	3	AOKD	2	7.73	1.96	-.20	.81	4.96	46.84	48.21	42.19	.05	.97
JULY	II	3	AOKF	3	7.45	2.09	-.13	.76	6.00	50.52	43.47	39.77	.06	1.16
JULY	II	3	AOKH	4	7.33	1.99	.02	.79	3.07	57.36	39.58	40.97	.03	1.45
JULY	II	3	AOKJ	5	7.43	2.17	-.18	.81	8.62	47.34	44.05	40.77	.09	1.07
JULY	II	3	AOKL	6	7.55	1.77	.09	.73	.75	59.01	40.24	42.20	.01	1.47
JULY	II	3	AOLA	7	7.51	2.06	-.12	.83	6.44	51.10	42.46	41.59	.07	1.20
JULY	II	4	AOLC	1	6.80	2.09	.17	.74	5.95	63.02	31.02	32.96	.06	2.03
JULY	II	4	AOLE	2	6.31	2.14	.41	.72	8.48	66.82	24.70	27.30	.09	2.71
JULY	II	4	AOLG	3	6.36	2.18	.28	.71	12.61	60.91	26.49	30.90	.14	2.30
JULY	II	4	AOLI	4	6.94	2.16	.16	.67	6.04	59.54	34.42	29.34	.06	1.73
JULY	II	4	AOLK	5	6.35	2.21	.34	.67	12.11	60.08	27.82	27.21	.14	2.16
JULY	II	4	AOLM	6	6.14	2.25	.42	.74	15.81	59.54	24.65	26.96	.19	2.42

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
JULY	II	4	AOLZ	7	6.62	2.24	.21	.70	11.91	57.26	30.83	29.90	.14	1.86
JULY	II	5	AOMB	1	6.55	2.18	.25	.70	9.04	62.32	28.64	29.99	.10	2.18
JULY	II	5	AOMD	2	6.65	2.19	.18	.69	9.54	59.52	30.93	34.08	.11	1.92
JULY	II	5	AOMF	3	6.33	2.23	.28	.73	14.15	60.26	25.59	28.57	.16	2.35
JULY	II	5	AOMH	4	6.84	2.13	.11	.69	6.35	60.84	32.81	34.00	.07	1.85
JULY	II	5	AOMJ	5	7.02	2.13	.01	.72	8.79	54.39	36.82	34.97	.10	1.48
JULY	II	5	AOML	6	6.83	2.07	.16	.73	4.97	62.98	32.05	35.36	.05	1.97
JULY	II	5	AOMY	7	6.60	2.19	.22	.66	9.17	60.92	29.91	30.01	.10	2.04
JULY	II	6	AONA	1	7.28	2.05	.03	.74	5.81	58.20	35.99	36.22	.06	1.62
JULY	II	6	AONC	2	7.75	1.73	-.03	.70	1.69	52.61	45.70	42.01	.02	1.15
JULY	II	6	AONE	3	7.51	1.92	-.01	.76	2.42	55.85	41.74	39.77	.02	1.34
JULY	II	6	AONG	4	7.12	2.22	-.05	.81	11.46	50.80	37.74	36.19	.13	1.35
JULY	II	6	AONJ	5	7.64	1.89	-.11	.78	2.63	52.44	44.93	35.46	.03	1.17
JULY	II	6	AONK	6	7.46	1.92	-.05	.74	2.46	55.94	41.59	37.79	.03	1.34
JULY	II	6	AONX	7	7.56	1.85	-.07	.75	.35	56.29	43.36	41.09	.00	1.30
AUGUST	II	1	AOTZ	1	6.32	2.27	.30	.67	15.63	57.26	27.11	28.41	.19	2.11
AUGUST	II	1	AOUB	2	6.18	2.24	.38	.73	16.07	58.87	25.06	27.36	.19	2.35
AUGUST	II	1	AOUD	3	5.53	2.14	.56	.88	28.83	53.92	17.25	20.90	.41	3.13
AUGUST	II	1	AOUF	4	6.12	2.28	.28	.75	19.41	56.22	24.37	28.56	.24	2.31
AUGUST	II	1	AOUH	5	5.92	2.39	.36	.72	26.14	49.87	23.99	23.03	.35	2.08
AUGUST	II	1	AOUJ	6	5.73	2.36	.37	.81	25.66	53.53	20.81	24.13	.35	2.57
AUGUST	II	1	AOUY	7	6.06	2.37	.30	.74	22.33	53.68	23.99	24.87	.29	2.24
AUGUST	II	2	AOVA	1	6.09	2.23	.40	.74	17.75	58.45	23.79	23.84	.22	2.46
AUGUST	II	2	AOVC	2	6.04	2.16	.50	.75	14.67	62.67	22.66	22.27	.17	2.77
AUGUST	II	2	AOVE	3	6.45	2.19	.26	.70	11.24	60.60	28.16	28.25	.13	2.15
AUGUST	II	2	AOVG	4	6.71	2.53	.17	.55	17.65	42.39	39.96	2.98	.21	1.06
AUGUST	II	2	AOVI	5	6.14	1.80	.14	.62	11.67	64.07	24.26	30.59	.13	2.64
AUGUST	II	2	AOVK	6	5.84	2.14	.49	.78	20.98	58.53	20.50	24.70	.27	2.86

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	2	AOVZ	7	6.19	2.11	.34	.75	12.26	63.98	23.77	26.74	.14	2.69
AUGUST	II	3	AOWB	1	7.68	1.86	-.12	.75	2.09	52.01	45.90	43.13	.02	1.13
AUGUST	II	3	AOWD	2	7.56	1.87	-.07	.75	2.44	53.87	43.69	38.33	.03	1.23
AUGUST	II	3	AOWF	3	7.57	1.91	-.05	.74	2.63	53.92	43.45	36.58	.03	1.24
AUGUST	II	3	AOWH	4	7.64	1.90	-.10	.72	3.51	50.57	45.92	39.21	.04	1.10
AUGUST	II	3	AOWJ	5	7.71	1.90	-.12	.70	1.64	51.32	47.04	38.51	.02	1.09
AUGUST	II	3	AOWL	6	7.52	1.96	-.07	.74	2.15	55.05	42.80	38.14	.02	1.29
AUGUST	II	3	AOXA	7	7.68	1.81	-.08	.75	2.60	52.23	45.18	39.56	.03	1.16
AUGUST	II	4	AOXC	1	6.67	2.16	.21	.73	9.14	59.12	31.74	31.00	.10	1.86
AUGUST	II	4	AOXE	2	6.57	2.18	.20	.71	10.44	59.02	30.54	30.12	.12	1.93
AUGUST	II	4	AOXG	3	6.60	2.23	.27	.68	10.14	59.06	30.79	30.63	.11	1.92
AUGUST	II	4	AOXI	4	6.65	2.20	.17	.70	9.16	58.51	32.33	30.54	.10	1.81
AUGUST	II	4	AOKK	5	7.20	2.05	.03	.72	5.06	56.64	38.31	36.72	.05	1.48
AUGUST	II	4	AOXM	6	6.28	2.28	.26	.69	17.61	55.00	27.39	28.55	.21	2.01
AUGUST	II	4	AOXZ	7	6.85	2.15	.12	.71	6.73	59.50	33.77	31.01	.07	1.76
AUGUST	II	5	AOYB	1	6.92	2.14	.10	.73	7.34	60.05	32.62	38.76	.08	1.84
AUGUST	II	5	AOYD	2	6.56	2.42	.15	.56	23.27	43.78	32.96	22.01	.30	1.33
AUGUST	II	5	AOYF	3	6.38	2.21	.28	.68	13.10	59.12	27.78	27.63	.15	2.13
AUGUST	II	5	AOYH	4	7.02	2.20	.02	.74	10.81	51.83	37.36	35.94	.12	1.39
AUGUST	II	5	AOYJ	5	6.34	2.54	.01	.64	28.48	42.09	29.43	28.71	.40	1.43
AUGUST	II	5	AOYL	6	6.58	2.21	.22	.67	9.26	60.92	29.81	28.87	.10	2.04
AUGUST	II	5	AOYY	7	5.72	3.03	-.01	.87	23.11	50.12	26.78	27.79	.30	1.87
AUGUST	II	6	AOZA	1	7.70	1.75	.00	.78	1.22	56.07	42.71	39.23	.01	1.31
AUGUST	II	6	AOZC	2	6.60	1.45	-.18	.68	4.03	70.86	25.11	52.81	.04	2.82
AUGUST	II	6	AOZE	3	7.66	1.88	-.08	.68	1.77	52.83	45.39	44.07	.02	1.16
AUGUST	II	6	AOZG	4	7.70	1.79	-.05	.67	.99	53.82	45.20	42.80	.01	1.19
AUGUST	II	6	AOZI	5	7.65	1.82	-.07	.79	1.38	54.97	43.65	43.92	.01	1.26
AUGUST	II	6	AOZK	6	7.69	1.88	-.13	.77	1.23	52.45	46.33	43.98	.01	1.13

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
AUGUST	II	6	AOZX	7	7.45	1.95	-.06	.81	2.59	57.45	39.96	40.91	.03	1.44
NOVEMBER	II	1	AVAC	1	7.06	2.20	-.10	.82	9.27	53.42	37.31	36.89	.10	1.43
NOVEMBER	II	1	AVAF	2	7.30	1.91	-.03	.88	5.27	56.35	38.38	39.10	.06	1.47
NOVEMBER	II	1	AVAI	3	6.61	2.19	.33	.74	23.69	45.19	31.11	20.02	.31	1.45
NOVEMBER	II	1	AVAL	4	5.52	2.20	.38	.81	35.20	47.32	17.48	23.88	.54	2.71
NOVEMBER	II	1	AVAO	5	6.40	2.40	.11	.66	20.61	49.50	29.89	29.96	.26	1.66
NOVEMBER	II	1	AVAR	6	6.56	2.21	-.01	.71	13.78	55.82	30.40	34.34	.16	1.84
NOVEMBER	II	1	AVAY	7	6.40	2.31	.16	.68	17.32	53.89	28.79	30.83	.21	1.87
NOVEMBER	II	2	AVBJ	1	6.03	2.09	.34	.78	15.40	63.25	21.35	27.62	.18	2.96
NOVEMBER	II	2	AVBM	2	5.65	1.99	.59	1.03	17.26	65.96	16.78	21.02	.21	3.93
NOVEMBER	II	2	AVBP	3	5.82	2.08	.57	.85	16.10	64.60	19.31	23.08	.19	3.35
NOVEMBER	II	2	AVBS	4	5.50	1.84	.54	.97	17.91	68.72	13.38	23.33	.22	5.14
NOVEMBER	II	2	AVBV	5	6.24	2.16	.37	.73	12.19	63.68	24.14	27.90	.14	2.64
NOVEMBER	II	2	AVBY	6	5.91	2.09	.58	.92	13.61	66.71	19.68	23.40	.16	3.39
NOVEMBER	II	2	AVCF	7	5.93	2.20	.39	.74	23.33	54.06	22.62	24.27	.30	2.39
NOVEMBER	II	3	AVCQ	1	7.77	1.88	-.15	.72	2.55	48.94	48.50	37.53	.03	1.01
NOVEMBER	II	3	AVCT	2	7.52	2.00	-.09	.74	3.29	52.11	44.60	35.93	.03	1.17
NOVEMBER	II	3	AVCW	3	7.61	1.97	-.13	.74	3.89	50.28	45.83	38.61	.04	1.10
NOVEMBER	II	3	AVCZ	4	7.79	2.00	-.24	.76	2.94	46.36	50.70	34.19	.03	.91
NOVEMBER	II	3	AVDC	5	7.59	2.02	-.12	.74	3.59	50.81	45.60	34.94	.04	1.11
NOVEMBER	II	3	AVDF	6	7.47	1.98	-.06	.71	3.07	54.88	42.04	37.04	.03	1.31
NOVEMBER	II	3	AVDM	7	7.56	1.91	-.08	.72	3.57	52.33	44.10	38.55	.04	1.19
NOVEMBER	II	4	AVDX	1	6.61	2.16	.29	.70	7.56	63.38	29.05	30.44	.08	2.18
NOVEMBER	II	4	AVEA	2	6.48	2.17	.10	.72	12.58	60.20	27.22	31.85	.14	2.21
NOVEMBER	II	4	AVED	3	6.75	2.17	.17	.68	6.93	62.12	30.95	33.33	.07	2.01
NOVEMBER	II	4	AVEG	4	6.26	2.02	.36	.79	7.23	69.31	23.46	30.99	.08	2.95
NOVEMBER	II	4	AVEJ	5	6.44	2.23	.27	.65	11.70	59.37	28.93	28.66	.13	2.05
NOVEMBER	II	4	AVEM	6	5.98	2.06	.46	.87	13.11	66.81	20.08	25.42	.15	3.33

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
NOVEMBER	II	4	AVET	7	5.49	2.13	.65	.92	27.96	54.63	17.41	20.41	.39	3.14
NOVEMBER	II	5	AVFC	1	6.81	2.18	.16	.67	6.23	60.91	32.86	33.69	.07	1.85
NOVEMBER	II	5	AVFF	2	6.43	2.20	.34	.64	7.04	65.42	27.54	25.92	.08	2.38
NOVEMBER	II	5	AVFI	3	7.30	2.01	.02	.69	2.47	57.43	40.09	36.94	.03	1.43
NOVEMBER	II	5	AVFL	4	7.26	2.01	.05	.68	2.16	60.90	36.93	37.00	.02	1.65
NOVEMBER	II	5	AVFO	5	6.56	2.18	.20	.68	9.10	62.34	28.56	31.99	.10	2.18
NOVEMBER	II	5	AVFR	6	6.67	2.13	.19	.70	6.87	63.20	29.94	31.73	.07	2.11
NOVEMBER	II	5	AVFY	7	7.04	2.11	.11	.67	4.56	61.30	34.14	34.38	.05	1.80
NOVEMBER	II	6	AVGH	1	7.64	1.90	-.08	.72	1.60	53.18	45.21	39.20	.02	1.18
NOVEMBER	II	6	AVGK	2	7.69	1.83	-.04	.74	1.14	54.25	44.60	34.38	.01	1.22
NOVEMBER	II	6	AVGN	3	7.60	1.86	-.03	.75	2.30	53.14	44.56	37.69	.02	1.19
NOVEMBER	II	6	AVGQ	4	7.61	1.81	-.02	.75	2.06	55.19	42.75	37.65	.02	1.29
NOVEMBER	II	6	AVGT	5	7.71	1.80	-.04	.72	.41	54.51	45.08	36.64	.00	1.21
NOVEMBER	II	6	AVGW	6	7.64	1.77	.01	.64	1.67	55.70	42.63	36.52	.02	1.31
NOVEMBER	II	6	AVHD	7	7.48	1.90	-.03	.77	4.05	54.38	41.58	37.72	.04	1.31
FALL	I	1	AQXR	1	5.29	2.47	.54	.77	45.27	35.52	19.21	18.13	.83	1.85
FALL	I	1	AQXT	2	4.96	2.23	.64	.91	50.27	34.90	14.83	17.25	1.01	2.35
FALL	I	1	AQXV	3	5.53	2.64	.62	.75	45.85	32.02	22.13	7.40	.85	1.45
FALL	I	1	AQXX	4	5.97	2.46	.19	.68	30.61	44.74	24.65	24.81	.44	1.82
FALL	I	1	AQXZ	5	5.17	2.37	.54	.81	45.18	37.66	17.16	20.12	.82	2.19
FALL	I	1	AQYB	6	5.65	2.57	.36	.67	42.62	34.34	23.04	24.94	.74	1.49
FALL	I	1	ARIB	7	5.33	2.20	.50	.91	35.91	47.83	16.26	20.09	.56	2.94
FALL	I	2	AQZI	1	6.01	2.25	.26	.80	23.78	55.15	21.07	24.26	.31	2.62
FALL	I	2	AQZK	2	5.37	2.11	.59	.94	34.36	49.61	16.02	19.72	.52	3.10
FALL	I	2	AQZM	3	6.20	2.26	.18	.78	20.02	56.23	23.75	27.54	.25	2.37
FALL	I	2	AQZO	4	5.34	2.02	.55	.93	33.90	51.76	14.33	19.61	.51	3.61
FALL	I	2	AQZQ	5	6.00	2.15	.42	.90	9.76	70.01	20.22	21.43	.11	3.46
FALL	I	2	AQZS	6	6.06	2.24	.23	.74	25.84	52.17	21.99	25.24	.35	2.37

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	2	ARIC	7	6.32	2.35	.19	.72	20.00	54.03	25.97	25.93	.25	2.08
FALL	I	3	ARBL	1	7.48	2.03	-.10	.73	2.46	54.22	43.31	39.66	.03	1.25
FALL	I	3	ARBN	2	7.45	1.98	-.13	.80	3.27	53.21	43.52	36.62	.03	1.22
FALL	I	3	ARBP	3	7.63	2.13	-.15	.91	7.03	49.08	43.88	40.10	.08	1.12
FALL	I	3	ARBR	4	7.59	2.00	-.15	.79	4.53	49.75	45.72	39.04	.05	1.09
FALL	I	3	ARBT	5	7.35	2.19	-.07	.76	7.36	52.35	40.29	40.91	.08	1.30
FALL	I	3	ARBV	6	6.92	2.36	-.12	.87	13.96	49.70	36.34	36.31	.16	1.37
FALL	I	3	ARID	7	7.47	2.11	-.17	.94	7.72	49.42	42.86	41.85	.08	1.15
FALL	I	4	ARDD	1	4.82	2.48	.64	.82	58.13	25.43	16.44	15.46	1.39	1.55
FALL	I	4	ARDF	2	5.13	2.48	.65	.80	51.62	28.08	20.31	16.55	1.07	1.38
FALL	I	4	ARDH	3	4.86	2.43	.70	.77	58.00	25.19	16.81	19.57	1.38	1.50
FALL	I	4	ARDJ	4	5.40	2.24	.67	.78	42.05	39.36	18.59	20.84	.73	2.12
FALL	I	4	ARDL	5	4.73	2.53	.66	.78	62.95	20.36	16.69	16.93	1.70	1.22
FALL	I	4	ARDN	6	5.03	2.48	.66	.84	53.71	29.03	17.27	18.63	1.16	1.68
FALL	I	4	AREA	7	4.16	2.20	.63	1.57	67.01	22.30	10.69	11.00	2.03	2.09
FALL	I	5	AREU	1	6.64	2.21	.19	.56	1.31	65.61	33.09	28.85	.01	1.98
FALL	I	5	AREW	2	5.99	2.49	.27	.65	33.49	41.00	25.51	23.70	.50	1.61
FALL	I	5	AREY	3	8.14	1.69	-.22	.91	.76	43.08	56.17	43.57	.01	.77
FALL	I	5	ARFA	4	6.71	2.21	.16	.73	10.65	58.35	31.00	26.60	.12	1.88
FALL	I	5	ARFC	5	6.13	2.32	.23	.78	19.76	56.55	23.70	27.56	.25	2.39
FALL	I	5	ARFE	6	7.74	1.92	-.17	.80	3.22	48.84	47.94	35.53	.03	1.02
FALL	I	5	ARFR	7	7.94	1.85	-.27	.61	.52	44.89	54.59	48.51	.01	.82
FALL	I	6	ARGL	1	6.23	2.32	.27	.74	17.88	56.56	25.57	24.09	.22	2.21
FALL	I	6	ARGN	2	6.44	2.29	.19	.74	14.72	57.36	27.92	27.50	.17	2.05
FALL	I	6	ARGP	3	6.63	2.39	.14	.67	15.10	52.88	32.02	22.81	.18	1.65
FALL	I	6	ARGR	4	6.74	2.14	.18	.75	7.38	63.01	29.61	31.04	.08	2.13
FALL	I	6	ARGT	5	6.36	2.34	.20	.72	18.80	54.76	26.44	24.66	.23	2.07
FALL	I	6	ARGV	6	6.32	2.29	.19	.81	16.83	58.19	24.98	28.39	.20	2.33

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	I	6	ARHI	7	6.14	2.30	.22	.78	20.17	56.27	23.55	25.91	.25	2.39
FALL	II	1	ARIF	1	6.54	2.32	.08	.72	15.68	54.49	29.83	30.10	.19	1.83
FALL	II	1	ARIH	2	6.70	2.29	.02	.71	12.90	55.75	31.35	30.46	.15	1.78
FALL	II	1	ARIJ	3	5.46	2.20	.56	1.23	33.78	48.44	17.78	19.19	.51	2.72
FALL	II	1	ARIL	4	5.87	2.00	.51	.92	10.71	71.16	18.13	23.09	.12	3.93
FALL	II	1	ARIN	5	6.71	2.27	.08	.68	12.25	55.36	32.39	33.12	.14	1.71
FALL	II	1	ARIP	6	5.67	2.25	.48	.82	25.17	54.73	20.10	23.53	.34	2.72
FALL	II	1	ARJI	7	6.06	2.09	.47	.83	10.66	68.18	21.16	25.98	.12	3.22
FALL	II	2	ARKG	1	5.69	2.10	.59	.83	27.75	53.17	19.08	20.16	.38	2.79
FALL	II	2	ARKI	2	6.13	2.10	.41	.79	12.01	65.84	22.15	25.91	.14	2.97
FALL	II	2	ARKK	3	6.02	2.22	.40	.70	27.38	49.77	22.86	24.53	.38	2.18
FALL	II	2	ARKM	4	5.62	1.94	.57	.93	18.24	65.11	16.65	20.47	.22	3.91
FALL	II	2	ARKO	5	5.22	2.08	.55	1.17	33.76	51.49	14.75	20.71	.51	3.49
FALL	II	2	ARKQ	6	5.38	1.62	.56	.94	15.93	72.32	11.75	26.48	.19	6.15
FALL	II	2	ARLJ	7	5.59	1.93	.58	.96	17.47	66.79	15.74	22.57	.21	4.24
FALL	II	3	ARMJ	1	7.73	1.95	-.17	.71	2.85	48.81	48.34	38.88	.03	1.01
FALL	II	3	ARML	2	7.59	1.95	-.14	.79	2.68	51.93	45.39	43.22	.03	1.14
FALL	II	3	ARMN	3	7.38	2.01	-.08	.75	3.57	53.83	42.59	43.27	.04	1.26
FALL	II	3	ARMP	4	7.60	1.98	-.14	.75	4.09	50.50	45.41	39.04	.04	1.11
FALL	II	3	ARMR	5	7.35	2.07	-.11	.72	3.55	53.55	42.90	42.72	.04	1.25
FALL	II	3	ARMT	6	7.51	2.20	-.25	.81	6.86	46.05	47.08	34.13	.07	.98
FALL	II	3	ARNI	7	7.57	1.98	-.14	.77	4.35	50.38	45.27	41.05	.05	1.11
FALL	II	4	AROB	1	6.82	2.10	.15	.72	5.49	62.48	32.03	32.85	.06	1.95
FALL	II	4	AROD	2	6.95	2.13	.06	.71	6.17	58.13	35.70	35.33	.07	1.63
FALL	II	4	AROF	3	6.51	2.15	.27	.70	8.04	63.49	28.47	29.49	.09	2.23
FALL	II	4	AROH	4	6.75	2.13	.19	.68	5.68	63.72	30.60	32.67	.06	2.08
FALL	II	4	AROJ	5	6.17	2.05	.43	.84	7.93	70.99	21.07	27.55	.09	3.37
FALL	II	4	AROL	6	6.44	2.13	.31	.77	8.15	66.47	25.38	33.30	.09	2.62

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	II	4	ARDY	7	6.15	2.09	.43	.79	10.30	67.01	22.69	26.90	.11	2.95
FALL	II	5	ARPK	1	6.50	2.05	.21	.78	6.95	66.33	26.72	35.58	.07	2.48
FALL	II	5	ARPM	2	7.42	2.01	-.06	.73	3.06	56.28	40.66	40.32	.03	1.38
FALL	II	5	ARPO	3	6.87	2.13	.08	.69	5.66	60.27	34.08	30.80	.06	1.77
FALL	II	5	ARPQ	4	7.25	2.05	-.00	.69	3.21	56.73	40.05	41.11	.03	1.42
FALL	II	5	ARPS	5	6.66	2.12	.19	.71	7.10	63.47	29.44	35.33	.08	2.16
FALL	II	5	ARPU	6	6.77	2.10	.17	.70	5.25	63.09	31.67	33.72	.06	1.99
FALL	II	5	ARQH	7	6.59	2.21	.16	.63	8.03	61.96	30.01	31.65	.09	2.06
FALL	II	6	ARQT	1	7.49	1.84	.01	.77	.98	59.52	39.50	42.82	.01	1.51
FALL	II	6	ARQV	2	8.36	1.91	-.53	.76	2.80	35.52	61.68	5.81	.03	.58
FALL	II	6	ARQX	3	7.35	2.01	-.03	.77	5.16	55.71	39.14	42.32	.05	1.42
FALL	II	6	ARQZ	4	7.50	1.84	.02	.74	1.80	57.93	40.27	41.19	.02	1.44
FALL	II	6	ARRB	5	7.92	1.74	-.15	.74	.64	48.83	50.53	48.48	.01	.97
FALL	II	6	ARRD	6	7.64	1.76	-.03	.73	.97	55.44	43.59	37.33	.01	1.27
FALL	II	6	ARRR	7	7.64	1.83	-.04	.72	1.46	54.25	44.29	40.28	.01	1.22
FALL	III	1	ARSD	1	6.45	2.14	.20	.72	10.50	61.64	27.86	33.09	.12	2.21
FALL	III	1	ARSF	2	6.64	2.15	.12	.78	9.09	64.95	25.96	31.75	.10	2.50
FALL	III	1	ARSH	3	6.31	2.11	.37	.78	9.16	67.12	23.71	32.28	.10	2.83
FALL	III	1	ARSJ	4	6.97	2.11	.13	.67	3.25	62.12	34.63	36.54	.03	1.79
FALL	III	1	ARSL	5	6.65	2.26	.09	.69	11.77	56.81	31.42	32.28	.13	1.81
FALL	III	1	ARSN	6	6.23	2.32	.42	.66	19.50	54.03	26.47	19.43	.24	2.04
FALL	III	1	ARTC	7	5.63	2.11	.55	.89	26.09	55.95	17.96	22.77	.35	3.11
FALL	III	2	ARUB	1	7.04	2.07	.04	.70	3.37	60.22	36.41	36.96	.03	1.65
FALL	III	2	ARUD	2	7.14	1.99	.08	.71	2.72	60.39	36.88	37.54	.03	1.64
FALL	III	2	ARUF	3	7.28	1.96	.06	.73	2.81	58.96	38.23	36.29	.03	1.54
FALL	III	2	ARUH	4	6.87	2.07	.16	.71	3.46	64.50	32.05	35.20	.04	2.01
FALL	III	2	ARUJ	5	6.67	1.82	.10	.81	2.90	64.33	32.77	40.50	.03	1.96
FALL	III	2	ARUL	6	7.07	2.01	.08	.74	2.49	60.90	36.62	35.86	.03	1.66

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	2	ARVA	7	7.02	2.03	.08	.73	2.88	61.10	36.02	35.28	.03	1.70
FALL	III	3	ARWD	1	7.35	1.96	.03	.74	3.02	57.82	39.16	38.25	.03	1.48
FALL	III	3	ARWF	2	7.59	1.85	-.05	.74	2.89	53.72	43.39	36.98	.03	1.24
FALL	III	3	ARWH	3	7.64	1.79	-.09	.77	.85	53.72	45.43	39.73	.01	1.18
FALL	III	3	ARWJ	4	7.35	1.95	.03	.76	3.19	58.25	38.56	38.99	.03	1.51
FALL	III	3	ARWL	5	7.68	1.88	-.09	.72	1.39	52.88	45.73	38.47	.01	1.16
FALL	III	3	ARWN	6	7.31	1.76	.14	.79	1.46	62.77	35.77	38.87	.01	1.75
FALL	III	3	ARXC	7	7.30	1.91	.02	.75	1.75	59.46	38.79	40.82	.02	1.53
FALL	III	4	ARXV	1	5.14	2.43	.72	.73	56.68	20.71	22.61	20.60	1.31	.92
FALL	III	4	ARXX	2	3.75	1.14	.54	3.98	81.56	12.79	5.65	7.77	4.42	2.26
FALL	III	4	ARXZ	3	4.22	1.77	.72	3.98	77.84	12.20	9.97	9.76	3.51	1.22
FALL	III	4	ARYB	4	3.70	1.09	.51	3.72	79.50	14.59	5.91	5.75	3.88	2.47
FALL	III	4	ARYD	5	5.10	2.27	.76	.87	58.06	24.53	17.41	17.32	1.38	1.41
FALL	III	4	ARYF	6	4.00	1.41	.65	3.90	78.21	14.08	7.71	9.35	3.59	1.83
FALL	III	4	ARYS	7	4.23	1.53	.73	3.29	72.38	18.91	8.71	9.01	2.62	2.17
FALL	III	5	ARZE	1	7.15	2.05	.06	.70	3.12	59.45	37.43	35.75	.03	1.59
FALL	III	5	ARZG	2	7.24	2.00	.05	.72	2.60	60.95	36.45	42.39	.03	1.67
FALL	III	5	ARZI	3	7.57	1.97	-.11	.72	1.80	52.94	45.27	36.47	.02	1.17
FALL	III	5	ARZK	4	7.16	2.06	.01	.72	3.91	58.56	37.53	39.19	.04	1.56
FALL	III	5	ARZM	5	7.32	1.54	-.06	.73	1.71	56.41	41.88	42.67	.02	1.35
FALL	III	5	ARZO	6	7.53	1.97	-.10	.74	3.03	52.51	44.46	38.20	.03	1.18
FALL	III	5	ASAB	7	7.42	2.01	-.02	.69	1.40	58.33	40.27	38.86	.01	1.45
FALL	III	6	ASAN	1	7.96	1.85	-.18	.72	.46	48.59	50.94	39.00	.00	.95
FALL	III	6	ASAP	2	7.20	1.79	-.05	.89	2.27	61.44	36.29	50.70	.02	1.69
FALL	III	6	ASAR	3	7.62	1.95	-.15	.75	1.11	52.57	46.32	42.12	.01	1.14
FALL	III	6	ASAT	4	7.68	1.97	-.23	.77	1.59	48.29	50.12	39.87	.02	.96
FALL	III	6	ASAV	5	7.72	1.85	-.12	.73	.96	51.92	47.12	43.92	.01	1.10
FALL	III	6	ASAX	6	7.85	1.91	-.24	.77	2.48	46.05	51.47	43.28	.03	.89

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	III	6	ASBK	7	7.85	1.80	-.14	.78	2.05	49.05	48.89	38.32	.02	1.00
FALL	IV	1	ASBW	1	3.59	2.20	.62	1.56	74.14	17.16	8.70	11.84	2.87	1.97
FALL	IV	1	ASBY	2	4.73	2.72	.78	.79	57.00	19.67	23.33	18.46	1.33	.84
FALL	IV	1	ASCA	3	3.71	2.21	.66	1.47	73.41	16.76	9.84	11.18	2.76	1.70
FALL	IV	1	ASCC	4	3.62	1.99	.71	1.76	75.69	15.66	8.66	10.16	3.11	1.81
FALL	IV	1	ASCE	5	3.70	1.94	.82	1.70	72.57	18.15	9.27	9.80	2.65	1.96
FALL	IV	1	ASCG	6	7.17	1.93	.23	.67	0.00	60.95	39.05	39.52	0.00	1.56
FALL	IV	1	ASCV	7	3.81	2.36	.64	1.50	73.17	16.75	10.09	12.31	2.73	1.66
FALL	IV	2	ASDT	1	7.51	2.10	-.08	.96	5.44	53.38	41.18	40.70	.06	1.30
FALL	IV	2	ASDV	2	6.21	2.73	-.05	.85	18.32	51.21	30.47	33.26	.22	1.68
FALL	IV	2	ASDX	3	7.27	2.05	.03	.76	5.39	56.57	38.04	38.29	.06	1.49
FALL	IV	2	ASDZ	4	6.90	2.30	-.03	.83	8.28	55.82	35.90	34.37	.09	1.55
FALL	IV	2	ASEB	5	6.60	2.44	.04	.82	14.63	54.41	30.96	33.87	.17	1.76
FALL	IV	2	ASED	6	7.32	2.27	-.14	.90	10.56	47.83	41.61	39.06	.12	1.15
FALL	IV	2	ASES	7	7.08	2.26	-.02	.85	7.54	55.64	36.83	36.51	.08	1.51
FALL	IV	3	ASFT	1	4.61	2.66	.71	.74	56.13	26.18	17.69	18.45	1.28	1.48
FALL	IV	3	ASFV	2	4.41	2.69	.71	.76	61.74	21.65	16.61	16.18	1.61	1.30
FALL	IV	3	ASFX	3	5.40	3.04	.05	.70	44.41	30.27	25.32	26.48	.80	1.20
FALL	IV	3	ASGF	4	4.28	2.51	.82	.82	64.02	21.44	14.54	16.12	1.78	1.47
FALL	IV	3	ASGA	5	4.65	3.04	.58	.73	54.59	23.88	21.53	19.63	1.20	1.11
FALL	IV	3	ASGC	6	4.94	2.79	.50	.66	50.24	29.13	20.63	21.50	1.01	1.41
FALL	IV	3	ASGR	7	5.76	2.85	.02	.64	39.15	34.32	26.53	27.13	.64	1.29
FALL	IV	4	ASHL	1	2.82	1.11	.38	3.53	86.40	8.33	5.27	4.91	6.35	1.58
FALL	IV	4	ASHN	2	3.67	1.69	.82	4.86	80.90	11.77	7.32	7.82	4.24	1.61
FALL	IV	4	ASHP	3	3.71	2.03	.69	2.58	79.29	11.91	8.80	8.35	3.83	1.35
FALL	IV	4	ASHR	4	3.85	1.94	.76	2.17	75.62	14.62	9.76	7.35	3.10	1.50
FALL	IV	4	ASHT	5	3.73	2.37	.60	4.01	78.25	12.08	9.67	8.41	3.60	1.25
FALL	IV	4	ASHV	6	2.60	1.47	.61	9.46	86.19	7.73	6.08	5.46	6.24	1.27

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
FALL	IV	4	ASII	7	3.02	1.49	.63	3.44	83.82	9.70	6.48	5.96	5.18	1.50
FALL	IV	5	ASIV	1	5.98	2.87	-.06	.60	28.69	41.40	29.91	31.14	.40	1.38
FALL	IV	5	ASIX	2	4.72	2.78	.73	.75	52.11	27.53	20.36	19.78	1.09	1.35
FALL	IV	5	ASIZ	3	5.31	3.13	.41	.51	47.84	21.69	30.47	5.52	.92	.71
FALL	IV	5	ASJB	4	3.87	2.02	.74	.90	62.31	30.27	7.42	18.57	1.65	4.08
FALL	IV	5	ASJD	5	5.40	2.82	.11	.68	37.64	42.85	19.52	25.92	.60	2.20
FALL	IV	5	ASJF	6	6.05	2.38	.31	.90	16.34	59.70	23.96	24.07	.20	2.49
FALL	IV	5	ASJS	7	6.08	2.89	-.17	.70	25.13	40.81	34.06	33.45	.34	1.20
FALL	IV	6	ASKF	1	5.44	2.89	.13	.64	45.76	30.46	23.78	25.29	.84	1.28
FALL	IV	6	ASKH	2	4.83	2.84	.73	.61	51.61	24.07	24.32	22.28	1.07	.99
FALL	IV	6	ASKJ	3	4.27	2.82	.68	.78	62.53	20.80	16.67	17.07	1.67	1.25
FALL	IV	6	ASKL	4	4.55	2.63	.75	.69	56.73	24.71	18.56	20.05	1.31	1.33
FALL	IV	6	ASKN	5	4.59	2.70	.76	.71	57.21	24.42	18.37	19.76	1.34	1.33
FALL	IV	6	ASKP	6	4.47	2.74	.78	.73	60.28	21.91	17.81	17.77	1.52	1.23
FALL	IV	6	ASLC	7	5.66	2.83	.16	.62	42.37	30.92	26.71	27.12	.74	1.16
FALL	IV	7	ASLP	1	7.94	1.81	-.19	.75	1.28	47.18	51.54	38.32	.01	.92
FALL	IV	7	ASLR	2	7.92	1.60	-.12	.81	0.00	49.78	50.22	43.91	0.00	.99
FALL	IV	7	ASLT	3	8.06	1.63	-.11	.71	.62	47.48	51.90	41.28	.01	.91
FALL	IV	7	ASLV	4	7.82	1.61	-.08	.77	.37	51.32	48.31	44.38	.00	1.06
FALL	IV	7	ASLX	5	7.87	1.67	-.05	.73	1.45	50.93	47.62	41.56	.01	1.07
FALL	IV	7	ASLZ	6	7.90	1.70	-.10	.71	.99	49.75	49.26	40.41	.01	1.01
FALL	IV	7	ASMM	7	7.94	1.67	-.12	.70	.66	48.27	51.07	40.26	.01	.95
WINTER	I	1	AHAB	1	5.02	2.34	.58	.85	47.43	36.79	15.79	17.35	.90	2.33
WINTER	I	1	AHAD	2	6.08	2.48	.13	.68	27.79	47.00	25.21	30.69	.38	1.86
WINTER	I	1	AHAF	3	5.76	2.37	.29	.74	31.33	50.15	18.52	25.16	.46	2.71
WINTER	I	1	AHAH	4	5.98	2.40	.11	.69	28.05	47.19	24.76	31.95	.39	1.91
WINTER	I	1	AHAJ	5	4.86	2.38	.74	.91	59.42	24.34	16.24	12.30	1.46	1.50
WINTER	I	1	AHAL	6	4.92	2.26	.71	.86	54.86	29.66	15.48	18.29	1.22	1.92

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	1	AHAN	7	4.67	2.06	.77	1.03	63.57	24.18	12.25	15.40	1.74	1.97
WINTER	I	2	AHBX	1	6.20	2.28	.10	.96	18.97	58.65	22.38	31.49	.23	2.62
WINTER	I	2	AHBZ	2	6.12	2.27	.24	.74	25.52	52.18	22.31	29.20	.34	2.34
WINTER	I	2	AHCB	3	6.37	2.42	.09	.83	17.09	55.26	27.65	32.63	.21	2.00
WINTER	I	2	AHCD	4	6.50	2.16	.12	.80	12.72	60.13	27.15	36.80	.15	2.21
WINTER	I	2	AHCF	5	4.86	2.38	.74	.91	59.42	24.34	16.24	12.30	1.46	1.50
WINTER	I	2	AHCH	6	6.15	2.29	.26	.65	22.80	49.44	27.76	29.13	.30	1.78
WINTER	I	2	AHCJ	7	6.03	2.17	.24	.75	24.56	54.59	20.85	27.31	.33	2.62
WINTER	I	3	AHDF	1	7.47	2.01	-.05	.77	4.74	56.65	38.60	44.46	.05	1.47
WINTER	I	3	AHDI	2	7.50	2.07	-.13	.76	5.47	50.51	44.03	43.44	.06	1.15
WINTER	I	3	AHDK	3	7.50	2.01	-.09	.78	5.49	54.10	40.40	45.09	.06	1.34
WINTER	I	3	AHDM	4	7.25	2.20	-.06	.75	8.95	49.92	41.13	41.46	.10	1.21
WINTER	I	3	AHDO	5	7.46	2.06	-.08	.80	6.01	52.08	41.91	43.84	.06	1.24
WINTER	I	3	AHDQ	6	7.39	2.09	-.06	.78	7.09	53.04	39.87	43.53	.08	1.33
WINTER	I	3	AHDS	7	7.63	2.03	-.13	.82	6.96	48.27	44.76	41.12	.07	1.08
WINTER	I	4	AHSK	1	4.02	1.81	.82	2.49	77.14	13.99	8.87	10.12	3.37	1.58
WINTER	I	4	AHSL	2	4.15	1.96	.79	2.67	76.79	12.43	10.78	11.72	3.31	1.15
WINTER	I	4	AHSM	3	4.83	2.41	.65	.75	52.22	31.80	15.98	19.73	1.09	1.99
WINTER	I	4	AHSN	4	4.55	2.26	.79	1.12	71.33	15.16	13.51	14.75	2.49	1.12
WINTER	I	4	AHSO	5	3.86	1.69	.81	3.58	81.21	10.22	8.57	8.58	4.32	1.19
WINTER	I	4	AHSP	6	3.29	1.23	.60	3.72	85.35	7.95	6.69	7.65	5.83	1.19
WINTER	I	4	AHSQ	7	4.01	1.91	.77	2.82	76.85	14.61	8.54	9.76	3.32	1.71
WINTER	I	5	AHST	1	8.16	1.50	-.04	.74	.49	47.34	52.17	52.48	.00	.91
WINTER	I	5	AHSU	2	8.13	1.58	-.13	.77	.23	46.17	53.60	57.76	.00	.86
WINTER	I	5	AHSV	3	7.41	2.23	-.20	.78	10.50	44.89	44.61	40.59	.12	1.01
WINTER	I	5	AHSW	4	7.81	1.78	-.03	.72	1.57	52.20	46.23	49.91	.02	1.13
WINTER	I	5	AHSX	5	7.87	1.72	-.07	.85	1.43	52.26	46.31	53.20	.01	1.13
WINTER	I	5	AHSY	6	7.86	1.60	-.12	.93	.80	50.89	48.30	55.30	.01	1.05

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	I	5	AHSZ	7	8.16	1.60	-.16	.77	.64	44.63	54.73	50.56	.01	.82
WINTER	I	6	AHTC	1	6.95	2.44	-.19	.59	17.29	48.31	34.40	22.39	.21	1.40
WINTER	I	6	AHTD	2	6.22	2.26	.21	.78	18.18	58.54	23.27	30.35	.22	2.52
WINTER	I	6	AHTE	3	6.12	2.25	.21	.85	19.99	63.41	16.61	30.02	.25	3.82
WINTER	I	6	AHTF	4	5.10	2.24	.53	.85	35.38	49.30	15.32	20.41	.55	3.22
WINTER	I	6	AHTG	5	6.37	2.32	.13	.80	17.59	57.28	25.13	32.47	.21	2.28
WINTER	I	6	AHTH	6	6.50	2.22	.17	.75	13.46	59.81	26.73	34.84	.16	2.24
WINTER	I	6	AHTI	7	6.32	2.28	.26	.76	16.50	59.20	24.30	27.88	.20	2.44
WINTER	II	1	AHHU	1	7.22	1.83	.12	.78	1.02	64.20	34.78	43.56	.01	1.85
WINTER	II	1	AHHW	2	6.61	2.14	.16	.76	8.64	63.11	28.25	36.18	.09	2.23
WINTER	II	1	AHHY	3	6.85	2.15	.05	.92	6.96	71.25	21.80	37.33	.07	3.27
WINTER	II	1	AHIA	4	6.03	2.41	.22	.71	25.94	49.58	24.48	22.56	.35	2.03
WINTER	II	1	AHIC	5	8.15	2.14	-.42	.70	14.68	27.72	57.59	34.20	.17	.48
WINTER	II	1	AHIE	6	6.19	2.38	.15	.73	23.50	50.95	25.55	30.18	.31	1.99
WINTER	II	1	AHIG	7	6.53	2.24	.10	.71	13.36	58.91	27.73	31.84	.15	2.12
WINTER	II	2	AHJP	1	5.85	2.30	.39	.72	29.91	47.54	22.56	24.62	.43	2.11
WINTER	II	2	AHJR	2	6.32	2.25	.17	.71	18.10	56.14	25.77	33.00	.22	2.18
WINTER	II	2	AHJT	3	6.07	2.22	.35	.77	19.76	59.03	21.21	26.92	.25	2.78
WINTER	II	2	AHJV	4	6.87	2.06	.16	.72	4.53	63.55	31.92	29.42	.05	1.99
WINTER	II	2	AHJX	5	6.62	2.26	.14	.74	12.25	58.17	29.58	34.18	.14	1.97
WINTER	II	2	AHJZ	6	6.23	2.07	.28	.73	11.51	63.56	24.93	31.08	.13	2.55
WINTER	II	2	AHKB	7	5.88	2.12	.53	.82	18.75	61.39	19.86	23.37	.23	3.09
WINTER	II	3	AHLA	1	7.53	1.84	-.01	.74	1.85	56.90	41.25	48.08	.02	1.38
WINTER	II	3	AHLC	2	7.56	2.03	-.17	.67	2.03	52.55	45.41	47.44	.02	1.16
WINTER	II	3	AHLE	3	7.52	2.00	-.11	.70	1.79	53.35	44.87	45.29	.02	1.19
WINTER	II	3	AHLG	4	7.58	2.00	-.15	.74	2.39	51.77	45.85	45.55	.02	1.13
WINTER	II	3	AHLI	5	7.73	1.90	-.13	.78	3.57	50.27	46.16	44.58	.04	1.09
WINTER	II	3	AHLK	6	7.27	1.67	-.04	.83	.90	63.22	35.89	51.62	.01	1.76

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	II	3	AHLM	7	7.45	2.00	-.04	.72	4.32	55.91	39.77	43.89	.05	1.41
WINTER	II	4	AHRT	1	6.06	1.99	.44	.86	10.38	69.99	19.63	27.26	.12	3.57
WINTER	II	4	AHRU	2	6.24	2.14	.37	.71	11.02	64.10	24.88	31.01	.12	2.58
WINTER	II	4	AHRV	3	5.74	2.23	.52	.81	25.62	54.41	19.96	23.96	.34	2.73
WINTER	II	4	AHRW	4	5.42	2.09	.66	.93	29.08	54.27	16.66	20.68	.41	3.26
WINTER	II	4	AHRX	5	6.48	2.20	.24	.68	10.99	60.09	28.93	32.70	.12	2.08
WINTER	II	4	AHRY	6	6.45	2.15	.30	.74	8.53	65.16	26.31	33.82	.09	2.48
WINTER	II	4	AHRZ	7	6.00	2.05	.49	.76	10.86	67.52	21.62	26.95	.12	3.12
WINTER	II	5	AHNN	1	7.07	2.17	.00	.73	8.53	56.83	34.63	40.40	.09	1.64
WINTER	II	5	AHNP	2	6.98	2.06	.05	.72	5.56	47.86	46.58	43.14	.06	1.03
WINTER	II	5	AHNR	3	6.33	2.09	.32	.73	7.40	68.32	24.28	37.58	.08	2.81
WINTER	II	5	AHNT	4	7.18	1.93	.09	.74	2.75	58.89	38.37	40.23	.03	1.53
WINTER	II	5	AHNV	5	7.01	2.05	.09	.72	2.78	65.16	32.05	41.12	.03	2.03
WINTER	II	5	AHNX	6	6.31	2.21	.34	.73	13.04	60.97	25.99	25.90	.15	2.35
WINTER	II	5	AHNZ	7	6.81	2.14	.16	.67	5.65	61.53	32.82	34.38	.06	1.87
WINTER	II	6	AHPA	1	7.07	1.79	.08	.87	.78	66.45	32.77	52.68	.01	2.03
WINTER	II	6	AHPC	2	7.35	1.84	.11	.74	.63	61.83	37.55	48.88	.01	1.65
WINTER	II	6	AHPE	3	7.59	1.86	-.04	.78	1.31	58.09	40.60	48.23	.01	1.43
WINTER	II	6	AHPG	4	7.35	1.92	.08	.79	3.31	57.87	38.82	36.33	.03	1.49
WINTER	II	6	AHPI	5	7.47	1.74	.04	.75	.71	58.69	40.59	48.34	.01	1.45
WINTER	II	6	AHPK	6	7.54	1.72	.08	.76	2.95	56.75	40.30	48.29	.03	1.41
WINTER	II	6	AHPM	7	7.43	1.90	.07	.72	1.94	59.59	38.47	42.72	.02	1.55
WINTER	III	1	AHTM	1	6.08	2.07	.29	.76	14.58	64.49	20.93	32.03	.17	3.08
WINTER	III	1	AHTO	2	6.90	2.08	.11	.73	5.23	61.96	32.82	41.70	.06	1.89
WINTER	III	1	AHTQ	3	5.85	2.00	.22	.82	18.23	66.94	14.83	30.85	.22	4.51
WINTER	III	1	AHTS	4	6.61	2.18	.18	.68	8.92	62.54	28.54	35.24	.10	2.19
WINTER	III	1	AHTV	5	6.84	2.10	.12	.69	6.03	61.17	32.80	38.63	.06	1.86
WINTER	III	1	AHTY	6	6.69	2.09	.17	.71	6.83	63.17	30.00	37.00	.07	2.11

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	1	AHUA	7	6.83	2.09	.08	.77	6.46	62.46	31.08	37.08	.07	2.01
WINTER	III	2	AHZH	1	6.43	2.18	.29	.76	10.76	63.39	25.85	31.27	.12	2.45
WINTER	III	2	AHZN	2	7.30	2.19	-.04	.57	3.45	53.39	43.17	35.11	.04	1.24
WINTER	III	2	AHZR	3	7.05	1.92	.14	.71	.33	67.70	31.97	42.25	.00	2.12
WINTER	III	2	AHZW	4	6.79	1.65	.16	.93	1.40	76.39	22.21	37.01	.01	3.44
WINTER	III	2	AHZY	5	7.05	1.84	.31	.71	.51	67.99	31.49	42.15	.01	2.16
WINTER	III	2	AUSQ	6	6.64	1.97	.47	.73	1.11	70.28	28.61	39.83	.01	2.46
WINTER	III	2	AIAB	7	7.23	1.89	.13	.78	1.42	63.91	34.66	40.53	.01	1.84
WINTER	III	3	AIBC	1	7.65	1.82	-.03	.74	2.56	53.49	43.95	38.80	.03	1.22
WINTER	III	3	AIBH	2	7.37	1.87	.13	.70	.75	62.40	36.86	43.24	.01	1.69
WINTER	III	3	AIBM	3	6.79	2.13	.07	.69	.33	69.02	30.65	44.15	.00	2.25
WINTER	III	3	AIBR	4	7.46	1.89	.06	.67	1.19	57.83	40.98	42.63	.01	1.41
WINTER	III	3	AIBT	5	7.29	1.90	.07	.68	.96	60.14	38.90	45.73	.01	1.55
WINTER	III	3	AIBV	6	7.07	1.84	.13	.81	.84	66.42	32.74	50.52	.01	2.03
WINTER	III	3	AIBX	7	7.69	1.86	-.07	.75	1.24	52.10	46.66	45.92	.01	1.12
WINTER	III	4	AICY	1	3.65	.62	.43	3.16	88.68	7.57	3.75	3.66	7.84	2.02
WINTER	III	4	AIDA	2	3.53	.93	.41	3.45	89.00	6.36	4.64	6.28	8.09	1.37
WINTER	III	4	AIDC	3	3.64	.59	.48	2.50	85.93	10.87	3.20	4.20	6.11	3.40
WINTER	III	4	AIDE	4	3.56	.96	.40	3.72	89.54	5.21	5.24	5.92	8.56	.99
WINTER	III	4	AIDG	5	3.70	.47	.41	1.63	81.91	17.49	.60	5.87	4.53	29.11
WINTER	III	4	AIDI	6	3.87	.71	.57	2.46	70.34	25.98	3.68	6.50	2.37	7.05
WINTER	III	4	AIDT	7	4.82	2.07	.83	1.54	69.44	17.02	13.53	14.10	2.27	1.26
WINTER	III	5	AIEQ	1	7.36	1.96	.04	.79	4.73	57.08	38.18	42.90	.05	1.50
WINTER	III	5	AIEV	2	7.21	2.00	.13	.69	1.87	57.42	40.71	45.21	.02	1.41
WINTER	III	5	AIFA	3	6.75	2.10	.09	.84	8.56	61.12	30.33	43.12	.09	2.02
WINTER	III	5	AIFF	4	7.09	2.14	.06	.67	5.86	55.76	38.39	43.27	.06	1.45
WINTER	III	5	AIFH	5	7.45	1.95	-.00	.71	2.72	57.70	39.58	43.97	.03	1.46
WINTER	III	5	AIFJ	6	6.85	2.08	.17	.67	3.98	63.14	32.87	37.59	.04	1.92

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	III	5	AIFL	7	7.08	2.10	.06	.68	4.10	58.54	37.36	37.55	.04	1.57
WINTER	III	6	AIGI	1	7.07	1.72	.04	.71	.44	66.44	33.12	58.24	.00	2.01
WINTER	III	6	AIGN	2	7.67	1.84	-.04	.69	.28	54.12	45.60	45.78	.00	1.19
WINTER	III	6	AIGS	3	7.25	1.62	.14	.89	1.67	64.33	34.00	54.95	.02	1.89
WINTER	III	6	AIGX	4	7.86	1.91	-.15	.59	.72	49.61	49.67	45.14	.01	1.00
WINTER	III	6	AIGZ	5	7.73	1.86	-.05	.65	1.08	53.44	45.48	45.42	.01	1.17
WINTER	III	6	AIHB	6	7.58	1.90	.01	.64	.70	56.03	43.27	45.84	.01	1.30
WINTER	III	6	AIHD	7	7.76	1.90	-.12	.71	1.34	51.13	47.53	42.63	.01	1.08
WINTER	IV	1	AIIA	1	3.68	1.76	.82	2.44	77.00	15.74	7.26	10.77	3.35	2.17
WINTER	IV	1	AIIF	2	4.08	2.14	.85	1.27	69.83	19.26	10.91	13.33	2.31	1.77
WINTER	IV	1	AIIK	3	4.14	2.01	.71	1.61	72.52	19.95	7.53	12.36	2.64	2.65
WINTER	IV	1	AIIP	4	4.24	2.36	.85	1.26	72.00	14.54	13.46	12.04	2.57	1.08
WINTER	IV	1	AIIR	5	3.73	1.78	.80	1.72	71.59	19.53	8.88	11.06	2.52	2.20
WINTER	IV	1	AIIT	6	3.67	1.76	.87	2.44	79.27	12.38	8.35	10.21	3.82	1.48
WINTER	IV	1	AIIV	7	4.17	2.22	.82	1.60	72.15	15.87	11.97	12.13	2.59	1.33
WINTER	IV	2	AIKG	1	7.17	2.11	.03	.82	8.57	53.99	37.44	44.14	.09	1.44
WINTER	IV	2	AIKM	2	6.67	2.35	.09	.92	13.39	58.98	27.63	40.07	.15	2.14
WINTER	IV	2	AIKR	3	7.39	1.95	.01	.73	3.57	58.99	37.44	45.66	.04	1.58
WINTER	IV	2	AIKW	4	7.52	1.93	-.04	.66	2.72	55.28	42.00	45.59	.03	1.32
WINTER	IV	2	AIKY	5	7.13	1.99	.10	.73	4.66	61.43	33.91	45.57	.05	1.81
WINTER	IV	2	AILA	6	6.93	2.26	-.01	.88	9.14	57.79	33.07	45.61	.10	1.75
WINTER	IV	2	AILC	7	6.74	2.16	.12	.85	6.92	62.72	30.37	40.57	.07	2.07
WINTER	IV	3	AILW	1	5.40	2.80	.32	.61	47.34	29.60	23.07	25.72	.90	1.28
WINTER	IV	3	AIMB	2	5.64	2.71	.20	.61	45.40	30.32	24.28	26.68	.83	1.25
WINTER	IV	3	AIMG	3	4.90	2.63	.74	.84	56.40	24.14	19.46	19.19	1.29	1.24
WINTER	IV	3	AIML	4	5.13	3.03	.69	.64	58.10	16.05	25.85	6.23	1.39	.62
WINTER	IV	3	AIMN	5	5.87	2.94	.27	.49	45.90	19.70	34.40	6.16	.85	.57
WINTER	IV	3	AIMP	6	4.47	2.54	.78	.82	61.34	23.40	15.26	18.20	1.59	1.53

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	3	AIMR	7	4.97	2.64	.68	.67	52.63	26.79	20.58	22.58	1.11	1.30
WINTER	IV	4	AINV	1	3.27	1.35	.74	2.25	79.47	14.11	6.42	4.98	3.87	2.20
WINTER	IV	4	AINZ	2	3.50	1.59	.77	2.42	80.98	11.09	7.92	7.22	4.26	1.40
WINTER	IV	4	AIOE	3	7.78	1.78	-.13	.78	.51	51.46	48.03	44.38	.01	1.07
WINTER	IV	4	AIOJ	4	3.78	1.79	.83	2.02	75.51	16.32	8.17	11.21	3.08	2.00
WINTER	IV	4	AIOL	5	2.87	1.01	.67	4.73	90.66	5.36	3.97	4.29	9.71	1.35
WINTER	IV	4	AION	6	3.89	2.06	.79	2.47	79.90	10.16	9.95	8.12	3.97	1.02
WINTER	IV	4	AIOP	7	3.15	1.33	.71	3.09	84.20	8.05	7.75	6.71	5.33	1.04
WINTER	IV	5	AIPM	1	5.86	2.81	.07	.57	35.22	37.91	26.87	29.81	.54	1.41
WINTER	IV	5	AIPR	2	5.68	2.77	.15	.58	35.00	38.74	26.26	29.99	.54	1.48
WINTER	IV	5	AIPW	3	6.11	2.88	-.05	.53	29.31	38.23	32.46	31.01	.41	1.18
WINTER	IV	5	AIQB	4	5.21	2.74	.36	.65	48.58	32.37	19.04	22.49	.94	1.70
WINTER	IV	5	AIQD	5	5.72	2.77	.20	.60	36.31	38.20	25.49	26.36	.57	1.50
WINTER	IV	5	AIQF	6	4.68	2.70	.73	.66	52.87	27.23	19.91	18.53	1.12	1.37
WINTER	IV	5	AIQH	7	5.48	2.60	.27	.79	33.15	46.22	20.64	22.63	.50	2.24
WINTER	IV	6	AIRD	1	5.35	2.73	.06	.60	49.21	27.82	22.97	26.94	.97	1.21
WINTER	IV	6	AIRI	2	4.82	2.58	.73	.66	53.50	27.13	19.37	23.12	1.15	1.40
WINTER	IV	6	AIRN	3	4.14	2.46	.76	1.17	71.91	16.14	11.95	14.03	2.56	1.35
WINTER	IV	6	AIRS	4	4.57	2.49	.83	.66	56.27	27.62	16.11	22.39	1.29	1.71
WINTER	IV	6	AIRU	5	4.50	2.74	.85	.69	57.69	22.43	19.88	20.98	1.36	1.13
WINTER	IV	6	AIRW	6	5.52	2.67	.25	.60	45.95	30.98	23.07	27.91	.85	1.34
WINTER	IV	6	AIRY	7	5.80	2.78	.13	.57	41.34	32.90	25.77	27.61	.70	1.28
WINTER	IV	7	AITE	1	7.84	1.74	-.10	.76	.33	51.69	47.98	51.95	.00	1.08
WINTER	IV	7	AITJ	2	8.10	1.55	-.12	.61	.30	45.19	54.51	52.50	.00	.83
WINTER	IV	7	AITO	3	7.98	1.82	-.18	.69	.32	48.38	51.30	46.68	.00	.94
WINTER	IV	7	AITT	4	7.93	1.68	-.06	.72	.26	51.00	48.75	36.58	.00	1.05
WINTER	IV	7	AITV	5	8.14	1.74	-.26	.65	.85	43.55	55.60	38.37	.01	.78
WINTER	IV	7	AITX	6	7.90	1.77	-.11	.76	.40	50.97	48.62	46.90	.00	1.05

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
WINTER	IV	7	AITZ	7	7.95	1.64	-.08	.73	.41	49.96	49.63	47.36	.00	1.01
SPRING	I	1	ALXF	1	4.80	2.06	.67	.99	52.03	34.87	13.10	15.72	1.08	2.66
SPRING	I	1	ALXH	2	5.11	2.24	.59	.82	46.92	37.29	15.80	18.87	.88	2.36
SPRING	I	1	ALXJ	3	5.11	2.19	.51	.86	42.30	43.03	14.67	17.53	.73	2.93
SPRING	I	1	ALXL	4	5.59	2.50	.54	.63	40.67	34.94	24.40	20.87	.69	1.43
SPRING	I	1	ALXN	5	5.00	2.18	.56	.87	47.27	38.49	14.24	17.18	.90	2.70
SPRING	I	1	ALXP	6	5.21	2.23	.58	.86	42.83	40.81	16.36	18.49	.75	2.49
SPRING	I	1	ANTQ	7	5.29	2.20	.44	.88	38.51	46.31	15.18	18.91	.63	3.05
SPRING	I	2	ALXG	1	6.52	2.32	.15	.71	16.48	54.16	29.36	26.69	.20	1.85
SPRING	I	2	ALZI	2	6.71	2.13	.21	.74	9.17	61.77	29.06	28.86	.10	2.13
SPRING	I	2	ALZK	3	6.26	2.27	.28	.72	16.85	54.93	28.22	29.96	.20	1.95
SPRING	I	2	ALZM	4	6.16	2.32	.26	.67	25.46	49.14	25.39	24.68	.34	1.94
SPRING	I	2	ALZO	5	6.33	2.27	.21	.73	18.29	56.71	25.00	27.33	.22	2.27
SPRING	I	2	ALZQ	6	6.58	2.15	.15	.82	11.65	61.58	26.77	31.43	.13	2.30
SPRING	I	2	ANTR	7	6.11	2.30	.25	.70	25.70	50.45	23.85	26.57	.35	2.12
SPRING	I	3	AMBC	1	7.09	2.21	.01	.64	7.29	51.34	41.37	37.35	.08	1.24
SPRING	I	3	AMBE	2	7.79	2.13	-.32	.78	7.69	39.86	52.46	35.10	.08	.76
SPRING	I	3	AMBG	3	7.83	2.19	-.32	.77	9.23	39.28	51.49	35.30	.10	.76
SPRING	I	3	AMBI	4	7.36	2.16	-.11	.81	9.86	50.80	39.34	36.29	.11	1.29
SPRING	I	3	AMBK	5	7.52	2.09	-.18	.80	6.38	47.69	45.93	39.97	.07	1.04
SPRING	I	3	AMBM	6	7.60	2.07	-.21	.74	4.42	47.30	48.28	41.60	.05	.98
SPRING	I	3	ANTS	7	7.40	2.27	-.28	.79	7.91	43.84	48.25	38.18	.09	.91
SPRING	I	4	AMCY	1	4.64	2.27	.77	.94	63.81	22.46	13.73	13.48	1.76	1.64
SPRING	I	4	AMDA	2	4.84	2.45	.71	1.10	61.08	22.12	16.80	16.79	1.57	1.32
SPRING	I	4	AMDC	3	4.28	2.05	.80	1.48	67.24	21.39	11.37	12.85	2.05	1.88
SPRING	I	4	AMDE	4	4.94	2.39	.77	1.13	58.00	24.71	17.29	17.29	1.38	1.43
SPRING	I	4	AMDG	5	4.15	2.00	.77	1.73	72.21	18.27	9.53	11.30	2.60	1.92
SPRING	I	4	AMDI	6	5.28	2.56	.66	.63	50.06	26.50	23.44	22.67	1.00	1.13

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	I	4	ANTT	7	4.45	2.03	.78	1.49	66.23	21.79	11.98	12.17	1.96	1.82
SPRING	I	4	AMES	1	7.34	2.11	-.13	.81	9.99	49.61	40.40	41.61	.11	1.23
SPRING	I	5	AMEU	2	6.56	2.40	.03	.77	18.69	49.77	31.54	30.55	.23	1.58
SPRING	I	5	AMEW	3	6.43	2.31	.12	.68	17.69	53.46	28.85	30.43	.21	1.85
SPRING	I	5	AMEY	4	6.57	2.27	.05	.74	15.62	55.23	29.15	32.50	.19	1.89
SPRING	I	5	AMFA	5	7.68	2.00	-.17	.89	6.23	47.98	45.78	41.72	.07	1.05
SPRING	I	5	AMFC	6	7.91	1.74	-.12	.84	1.99	49.23	48.78	46.25	.02	1.01
SPRING	I	5	ANTU	7	8.14	1.62	-.14	.77	1.48	45.23	53.29	46.08	.02	.85
SPRING	I	6	AMGM	1	6.35	2.35	.15	.72	19.24	54.56	26.20	26.00	.24	2.08
SPRING	I	6	AMGO	2	6.38	2.30	.16	.74	17.16	56.79	26.05	26.37	.21	2.18
SPRING	I	6	AMGQ	3	6.46	2.22	.15	.79	14.59	59.24	26.16	28.81	.17	2.26
SPRING	I	6	AMGS	4	6.39	2.26	.19	.79	15.33	59.50	25.18	29.28	.18	2.36
SPRING	I	6	AMGU	5	6.30	2.32	.21	.72	19.36	55.23	25.41	24.95	.24	2.17
SPRING	I	6	AMGW	6	6.27	2.35	.17	.71	20.18	54.11	25.71	26.52	.25	2.10
SPRING	I	6	ANTV	7	6.46	2.23	.23	.75	11.41	62.90	25.68	27.49	.13	2.45
SPRING	II	1	AMIF	1	6.33	2.17	.32	.81	12.12	64.23	23.65	25.01	.14	2.72
SPRING	II	1	AMIH	2	6.58	2.30	.16	.65	14.35	55.07	30.59	26.79	.17	1.80
SPRING	II	1	AMIJ	3	6.10	2.26	.53	.71	16.53	58.89	24.58	23.15	.20	2.40
SPRING	II	1	AMIL	4	6.44	2.24	.17	.69	14.48	57.68	27.85	29.86	.17	2.07
SPRING	II	1	AMIN	5	5.21	1.76	.58	1.51	21.59	66.16	12.25	15.45	.28	5.40
SPRING	II	1	AMIP	6	4.94	1.49	.60	2.17	20.20	70.69	9.10	11.47	.25	7.77
SPRING	II	1	ANTW	7	6.06	2.13	.47	.84	13.97	64.65	21.38	22.64	.16	3.02
SPRING	II	2	AMKG	1	6.46	2.16	.32	.71	8.01	66.03	25.96	27.13	.09	2.54
SPRING	II	2	AMKI	2	6.57	2.19	.26	.68	8.43	61.80	29.77	26.29	.09	2.08
SPRING	II	2	AMKK	3	6.12	2.15	.49	.73	12.57	63.68	23.75	23.09	.14	2.68
SPRING	II	2	AMKM	4	6.36	2.18	.37	.72	10.45	63.64	25.91	25.80	.12	2.46
SPRING	II	2	AMKO	5	6.40	2.17	.30	.78	7.74	67.67	24.60	28.35	.08	2.75
SPRING	II	2	AMKQ	6	6.27	2.26	.32	.71	16.74	57.62	25.63	24.64	.20	2.25

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	2	ANTX	7	6.13	1.96	.21	.64	14.37	61.37	24.26	30.82	.17	2.53
SPRING	II	3	AMMH	1	7.24	2.02	.05	.73	3.69	58.27	38.05	39.88	.04	1.53
SPRING	II	3	AMMJ	2	7.32	2.04	-.07	.75	5.28	52.80	41.93	35.68	.06	1.26
SPRING	II	3	AMML	3	7.01	2.31	-.17	.75	12.29	47.44	40.27	36.84	.14	1.18
SPRING	II	3	AMMN	4	7.80	1.88	-.14	.78	2.82	49.46	47.72	40.71	.03	1.04
SPRING	II	3	AMMP	5	7.37	2.03	-.00	.72	2.49	65.55	31.96	37.31	.03	2.05
SPRING	II	3	AMMR	6	7.57	2.06	-.15	.74	6.03	48.65	45.32	39.71	.06	1.07
SPRING	II	3	ANTY	7	7.69	1.92	-.12	.77	3.41	51.12	45.47	41.34	.04	1.12
SPRING	II	4	AMOD	1	5.44	2.05	.67	1.02	28.33	55.22	16.45	17.39	.40	3.36
SPRING	II	4	AMOF	2	6.40	2.23	.36	.64	11.01	59.91	29.07	26.73	.12	2.06
SPRING	II	4	AMOH	3	6.15	2.09	.49	.77	8.46	69.00	22.54	24.08	.09	3.06
SPRING	II	4	AMOJ	4	5.86	2.11	.55	.86	16.06	64.39	19.54	21.93	.19	3.30
SPRING	II	4	AMOL	5	5.68	1.98	.61	.99	15.49	67.29	17.23	21.20	.18	3.91
SPRING	II	4	AMON	6	6.64	2.22	.26	.66	7.73	61.75	30.52	30.29	.08	2.02
SPRING	II	4	ANTZ	7	5.68	2.04	.60	.99	18.49	63.90	17.61	21.35	.23	3.63
SPRING	II	5	AMPV	1	7.61	1.80	-.00	.68	.10	57.18	42.72	43.79	.00	1.34
SPRING	II	5	AMPX	2	6.68	2.12	.22	.69	5.33	65.08	29.59	31.17	.06	2.20
SPRING	II	5	AMPZ	3	7.14	2.07	.06	.70	4.56	58.97	36.46	36.62	.05	1.62
SPRING	II	5	AMQB	4	7.12	2.10	.03	.68	4.33	57.73	37.95	36.56	.05	1.52
SPRING	II	5	AMQD	5	7.12	2.10	.07	.66	3.87	59.36	36.76	35.81	.04	1.61
SPRING	II	5	AMGF	6	6.91	2.11	.03	.76	6.96	58.42	34.62	37.66	.07	1.69
SPRING	II	5	ANUA	7	6.84	2.13	.13	.68	6.21	61.23	32.56	33.04	.07	1.88
SPRING	II	6	AMRN	1	6.77	2.25	.07	.72	10.85	55.35	33.80	34.23	.12	1.64
SPRING	II	6	AMRP	2	7.13	2.10	-.05	.77	1.61	59.61	38.78	36.77	.02	1.54
SPRING	II	6	AMRR	3	7.36	1.93	.02	.75	1.84	59.04	39.12	41.85	.02	1.51
SPRING	II	6	AMRT	4	7.19	2.03	.03	.77	5.89	57.63	36.48	36.22	.06	1.58
SPRING	II	6	AMRV	5	7.33	2.00	-.01	.72	3.76	58.10	38.14	35.55	.04	1.52
SPRING	II	6	AMRX	6	7.35	2.02	-.01	.75	4.90	55.35	39.74	37.42	.05	1.39

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	II	6	ANUB	7	7.24	2.04	-.02	.76	4.85	57.16	38.00	37.00	.05	1.50
SPRING	III	1	AMWH	1	6.89	2.06	.15	.79	7.78	61.82	30.40	36.35	.08	2.03
SPRING	III	1	AMWJ	2	6.50	2.02	.29	.76	4.29	69.71	26.01	31.72	.04	2.68
SPRING	III	1	AMWL	3	6.80	2.06	.20	.73	3.85	66.20	29.95	32.99	.04	2.21
SPRING	III	1	AMWN	4	6.86	2.08	.24	.68	2.95	65.79	31.26	34.28	.03	2.10
SPRING	III	1	AMWP	5	6.92	2.08	.18	.70	3.22	66.22	30.56	34.50	.03	2.17
SPRING	III	1	AMWR	6	6.97	2.08	.18	.69	4.38	62.50	33.12	30.19	.05	1.89
SPRING	III	1	ANUG	7	6.61	2.08	.28	.71	4.76	67.14	28.10	32.49	.05	2.39
SPRING	III	2	AMYH	1	6.71	2.46	.03	.67	16.21	48.07	35.71	31.30	.19	1.35
SPRING	III	2	AMYJ	2	7.25	1.87	.09	.74	2.82	61.42	35.76	42.40	.03	1.72
SPRING	III	2	AMYL	3	7.17	2.12	.01	.73	7.11	54.61	38.28	38.48	.08	1.43
SPRING	III	2	AMYN	4	6.97	1.92	.01	.77	2.80	59.16	38.04	40.50	.03	1.56
SPRING	III	2	AMYP	5	7.36	1.99	.00	.74	2.83	57.12	40.06	38.64	.03	1.43
SPRING	III	2	AMYR	6	7.74	1.86	-.11	.67	.69	52.09	47.22	42.53	.01	1.10
SPRING	III	2	ANUH	7	7.80	1.76	-.06	.72	.45	52.80	46.75	43.11	.00	1.13
SPRING	III	3	ANAE	1	7.43	1.97	-.03	.75	3.04	56.01	40.95	34.70	.03	1.37
SPRING	III	3	ANAG	2	7.48	1.85	.02	.75	1.90	58.03	40.07	42.07	.02	1.45
SPRING	III	3	ANAI	3	7.72	1.90	-.09	.80	.81	53.83	45.35	46.12	.01	1.19
SPRING	III	3	ANAK	4	7.30	1.93	.05	.74	2.59	59.70	37.71	40.82	.03	1.58
SPRING	III	3	ANAM	5	7.45	1.90	.03	.71	1.12	57.36	41.52	39.56	.01	1.38
SPRING	III	3	ANAU	6	7.45	1.92	-.00	.72	1.55	56.48	41.97	36.95	.02	1.35
SPRING	III	3	ANUI	7	7.17	1.97	.08	.74	2.09	63.56	34.36	36.51	.02	1.85
SPRING	III	4	ANCA	1	3.87	1.00	.64	3.85	73.81	20.71	5.48	6.64	2.82	3.78
SPRING	III	4	ANCC	2	3.81	1.11	.60	5.44	78.28	14.69	7.03	3.47	3.60	2.09
SPRING	III	4	ANCE	3	3.77	.63	.55	3.09	79.94	18.18	1.88	4.46	3.99	9.69
SPRING	III	4	ANCG	4	3.67	.39	.43	1.07	81.73	17.31	.96	3.41	4.47	17.95
SPRING	III	4	ANCI	5	4.20	1.25	.68	2.15	60.26	33.65	6.08	9.16	1.52	5.53
SPRING	III	4	ANCK	6	3.84	.89	.55	2.76	73.08	23.23	3.69	5.79	2.72	6.30

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	III	4	ANUJ	7	3.84	.93	.62	3.56	74.17	21.12	4.71	5.94	2.87	4.48
SPRING	III	5	ANDU	1	7.12	2.05	.04	.73	4.96	59.19	35.85	39.52	.05	1.65
SPRING	III	5	ANDW	2	6.71	1.99	.19	.75	4.13	66.77	29.11	39.75	.04	2.29
SPRING	III	5	ANDY	3	7.42	2.06	-.10	.63	4.33	53.09	42.57	40.12	.05	1.25
SPRING	III	5	ANEA	4	7.40	2.17	-.01	.62	4.81	53.74	41.45	34.61	.05	1.30
SPRING	III	5	ANEC	5	7.33	1.95	.02	.73	1.53	58.70	39.78	40.65	.02	1.48
SPRING	III	5	ANEE	6	6.84	2.11	.21	.67	3.24	64.12	32.64	31.69	.03	1.96
SPRING	III	5	ANUK	7	7.87	1.55	.04	.70	1.76	52.18	46.05	46.96	.02	1.13
SPRING	III	6	ANFM	1	7.80	1.87	-.14	.78	2.54	49.78	47.68	41.06	.03	1.04
SPRING	III	6	ANFU	2	7.86	1.79	-.14	.75	1.53	49.23	49.24	41.67	.02	1.00
SPRING	III	6	ANFW	3	7.65	1.91	-.06	.75	2.06	54.10	43.83	42.14	.02	1.23
SPRING	III	6	ANFS	4	7.55	1.97	-.08	.74	3.51	52.64	43.85	40.29	.04	1.20
SPRING	III	6	ANFU	5	7.72	1.83	-.09	.72	2.41	51.39	46.20	42.67	.02	1.11
SPRING	III	6	ANFW	6	7.64	1.86	-.06	.75	1.46	54.15	44.39	41.48	.01	1.22
SPRING	III	6	ANUL	7	7.34	1.87	.08	.72	1.85	61.77	36.39	38.66	.02	1.70
SPRING	IV	1	ANHE	1	3.91	1.96	.81	2.28	76.23	14.36	9.41	11.55	3.21	1.53
SPRING	IV	1	ANGH	2	3.39	1.69	.73	3.27	80.97	11.69	7.34	8.92	4.25	1.59
SPRING	IV	1	ANHI	3	4.32	2.47	.73	1.21	65.52	20.99	13.49	14.24	1.90	1.56
SPRING	IV	1	ANHK	4	3.26	1.41	.74	3.91	82.16	10.67	7.17	6.93	4.61	1.49
SPRING	IV	1	ANHM	5	3.75	1.92	.79	1.85	72.48	17.62	9.89	10.68	2.63	1.78
SPRING	IV	1	ANHO	6	3.73	1.80	.82	1.69	71.10	20.28	8.62	9.48	2.46	2.35
SPRING	IV	1	ANUM	7	4.00	2.00	.78	1.73	70.84	20.87	8.29	11.76	2.43	2.52
SPRING	IV	2	ANJE	1	6.01	2.78	-.02	.55	35.05	37.32	27.62	31.11	.54	1.35
SPRING	IV	2	ANJG	2	5.00	2.64	.66	.64	50.46	28.76	20.78	20.81	1.02	1.38
SPRING	IV	2	ANJI	3	5.27	2.72	.46	.61	46.33	30.17	23.50	21.68	.86	1.28
SPRING	IV	2	ANJK	4	5.47	2.65	.24	.61	45.11	32.31	22.58	27.01	.82	1.43
SPRING	IV	2	ANJM	5	4.82	2.59	.69	.68	51.03	30.47	18.50	21.57	1.04	1.65
SPRING	IV	2	ANJO	6	5.53	2.72	.29	.58	47.28	28.02	24.70	23.66	.90	1.13

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	2	ANUN	7	5.39	2.73	.33	.61	46.81	29.88	23.31	24.07	.88	1.28
SPRING	IV	3	ANLB	1	7.61	1.90	-.05	.81	4.74	52.83	42.43	41.07	.05	1.25
SPRING	IV	3	ANLD	2	7.81	1.72	-.07	.72	2.21	50.56	47.23	44.47	.02	1.07
SPRING	IV	3	ANLF	3	7.62	1.96	-.09	.75	4.37	51.85	43.78	39.14	.05	1.18
SPRING	IV	3	ANLH	4	7.29	1.95	.04	.74	3.35	59.12	37.53	40.60	.03	1.58
SPRING	IV	3	ANLJ	5	7.80	1.84	-.13	.74	2.60	49.27	48.14	41.05	.03	1.02
SPRING	IV	3	ANLL	6	7.56	2.00	-.05	.91	5.78	52.71	41.51	42.95	.06	1.27
SPRING	IV	3	ANUO	7	7.49	2.14	-.17	.90	10.73	45.64	43.63	37.57	.12	1.05
SPRING	IV	4	ANMX	1	3.65	1.70	.82	2.00	74.21	16.75	9.03	7.71	2.88	1.85
SPRING	IV	4	ANMZ	2	3.26	1.29	.76	1.62	74.01	20.95	5.04	5.29	2.85	4.16
SPRING	IV	4	ANNB	3	3.22	1.10	.74	2.39	81.44	15.51	3.05	4.69	4.39	5.09
SPRING	IV	4	ANND	4	3.81	1.80	.81	2.09	74.56	16.85	8.58	8.86	2.93	1.96
SPRING	IV	4	ANNF	5	3.44	1.52	.77	2.64	78.44	13.76	7.80	7.52	3.64	1.77
SPRING	IV	4	ANNH	6	3.35	1.40	.69	2.22	77.53	16.39	6.08	6.14	3.45	2.70
SPRING	IV	4	ANUP	7	4.00	1.99	.83	1.86	72.16	17.94	9.90	9.27	2.59	1.81
SPRING	IV	5	ANOP	1	6.90	2.39	-.04	.82	13.54	52.42	34.04	34.90	.16	1.54
SPRING	IV	5	ANOR	2	6.96	2.35	-.07	.87	12.47	52.16	35.37	38.81	.14	1.47
SPRING	IV	5	ANOT	3	4.78	2.53	.68	.74	52.00	30.80	17.20	18.68	1.08	1.79
SPRING	IV	5	ANOV	4	4.73	2.49	.93	.77	56.01	25.85	18.14	16.05	1.27	1.42
SPRING	IV	5	ANOX	5	4.34	2.43	.85	.87	57.61	28.11	14.27	16.56	1.36	1.97
SPRING	IV	5	ANOZ	6	4.65	2.59	.76	.75	56.11	26.82	17.07	17.49	1.28	1.57
SPRING	IV	5	ANUQ	7	4.20	2.37	.88	.94	64.63	22.13	13.24	14.92	1.83	1.67
SPRING	IV	6	ANQH	1	5.34	2.65	.36	.63	45.47	32.79	21.74	23.44	.83	1.51
SPRING	IV	6	ANQJ	2	5.57	2.73	.23	.60	42.84	33.19	23.98	25.88	.75	1.38
SPRING	IV	6	ANQL	3	6.03	2.77	-.00	.55	32.59	37.63	29.78	28.03	.48	1.26
SPRING	IV	6	ANQN	4	5.81	2.79	.15	.56	42.43	30.23	27.33	25.51	.74	1.11
SPRING	IV	6	ANQP	5	5.77	2.78	.10	.60	48.39	27.22	24.39	26.13	.94	1.12
SPRING	IV	6	ANQR	6	6.07	2.77	-.03	.56	29.54	39.97	30.48	28.27	.42	1.31

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
SPRING	IV	6	ANUR	7	4.90	2.70	.71	.68	52.14	27.31	20.55	19.75	1.09	1.33
SPRING	IV	7	ANRZ	1	7.81	1.70	-.08	.74	.85	51.56	47.60	41.37	.01	1.08
SPRING	IV	7	ANSB	2	7.63	1.67	-.12	.86	1.10	53.06	45.84	43.44	.01	1.16
SPRING	IV	7	ANSD	3	7.85	1.74	-.13	.71	.67	49.89	49.44	39.65	.01	1.01
SPRING	IV	7	ANSF	4	7.82	1.74	-.11	.74	2.07	49.50	48.42	40.86	.02	1.02
SPRING	IV	7	ANSH	5	4.86	1.89	.79	2.24	57.76	29.54	12.70	10.92	1.37	2.33
SPRING	IV	7	ANSJ	6	7.91	1.82	-.18	.79	1.57	47.78	50.64	38.17	.02	.94
SPRING	IV	7	ANUS	7	7.85	1.71	-.09	.72	.75	50.98	48.26	41.56	.01	1.06
DECEMBER	II	1	AVXZ	1	4.90	1.76	.62	1.24	37.36	52.65	10.00	15.53	.60	5.27
DECEMBER	II	1	AVYC	2	5.28	1.73	.50	1.43	18.46	69.22	12.33	15.92	.23	5.62
DECEMBER	II	1	AVYF	3	6.79	2.28	.04	.72	11.65	57.17	31.19	29.47	.13	1.83
DECEMBER	II	1	AVYI	4	6.84	2.29	-.06	.81	13.55	54.86	31.59	34.37	.16	1.74
DECEMBER	II	1	AVYL	5	6.27	1.94	.44	.89	4.49	75.68	19.83	24.11	.05	3.82
DECEMBER	II	1	AVYO	6	6.44	2.36	.16	.69	17.40	52.12	30.48	28.05	.21	1.71
DECEMBER	II	1	AVYV	7	5.25	2.02	.62	1.14	32.50	52.93	14.57	16.56	.48	3.63
DECEMBER	II	2	AVZM	1	6.16	2.12	.42	.81	11.19	67.30	21.51	23.56	.13	3.13
DECEMBER	II	2	AVZP	2	6.06	2.11	.40	.81	14.33	64.48	21.20	25.02	.17	3.04
DECEMBER	II	2	AVZS	3	5.92	2.14	.54	.80	16.29	62.55	21.16	20.86	.19	2.96
DECEMBER	II	2	AVZV	4	6.22	2.10	.36	.77	10.95	64.71	24.34	26.99	.12	2.66
DECEMBER	II	2	AVZY	5	5.83	1.94	.50	.90	11.44	71.33	17.24	22.88	.13	4.14
DECEMBER	II	2	AWAB	6	5.67	2.03	.56	.93	19.43	63.02	17.55	22.05	.24	3.59
DECEMBER	II	2	AWAI	7	6.28	2.22	.33	.80	13.32	63.00	23.68	27.31	.15	2.66
DECEMBER	II	3	AWAT	1	7.54	1.99	-.09	.74	3.57	52.87	43.56	41.05	.04	1.21
DECEMBER	II	3	AWAW	2	7.66	1.89	-.09	.77	3.17	52.31	44.52	38.44	.03	1.18
DECEMBER	II	3	AWAZ	3	7.41	1.99	-.02	.73	2.92	56.38	40.70	36.75	.03	1.39
DECEMBER	II	3	AWBC	4	7.67	1.87	-.10	.70	3.08	50.66	46.26	39.37	.03	1.09
DECEMBER	II	3	AWBF	5	7.56	1.96	-.09	.75	2.65	54.10	43.26	38.32	.03	1.25
DECEMBER	II	3	AWBI	6	7.71	1.86	-.10	.72	2.39	51.48	46.13	36.17	.02	1.12

TABLE 4

PERIOD	TRAN	STA	SAMP	REP	MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
									PERCENTS				RATIOS	
DECEMBER	II	3	AWBP	7	7.54	1.87	-.06	.76	2.13	54.57	43.30	39.14	.02	1.26
DECEMBER	II	4	AWCA	1	6.59	2.21	.22	.66	8.54	61.17	30.28	27.52	.09	2.02
DECEMBER	II	4	AWCD	2	6.60	2.21	.23	.69	9.85	60.98	29.18	32.20	.11	2.09
DECEMBER	II	4	AWCG	3	6.68	2.24	.16	.67	10.51	57.62	31.86	30.50	.12	1.81
DECEMBER	II	4	AWCJ	4	6.21	2.35	.29	.64	23.85	47.72	28.42	26.47	.31	1.68
DECEMBER	II	4	AWCM	5	6.16	2.13	.42	.77	11.47	65.60	22.93	24.90	.13	2.86
DECEMBER	II	4	AWCP	6	5.81	2.09	.56	.83	17.01	63.33	19.66	21.83	.20	3.22
DECEMBER	II	4	AWCW	7	6.02	2.08	.45	.81	12.49	66.29	21.22	25.40	.14	3.12
DECEMBER	II	5	AWDF	1	6.83	2.16	.16	.67	6.17	61.12	32.70	30.87	.07	1.87
DECEMBER	II	5	AWDI	2	6.96	2.14	.08	.71	5.59	60.62	33.79	35.20	.06	1.79
DECEMBER	II	5	AWDL	3	6.36	2.18	.33	.75	10.96	64.68	24.36	27.31	.12	2.66
DECEMBER	II	5	AWDO	4	6.65	2.17	.20	.69	8.43	61.89	29.69	29.29	.09	2.08
DECEMBER	II	5	AWDR	5	6.64	2.14	.21	.70	6.75	63.68	29.57	29.56	.07	2.15
DECEMBER	II	5	AWDU	6	6.86	2.16	.08	.70	6.91	59.59	33.51	32.57	.07	1.78
DECEMBER	II	5	AWEB	7	6.52	2.17	.24	.69	9.24	61.43	29.33	22.04	.10	2.09
DECEMBER	II	6	AWEK	1	7.54	1.85	.00	.79	2.96	56.53	40.51	39.08	.03	1.40
DECEMBER	II	6	AWEN	2	7.33	1.81	-.02	.86	3.27	59.42	37.31	44.14	.03	1.59
DECEMBER	II	6	AWEQ	3	7.49	2.05	.03	.62	2.61	57.15	40.24	33.23	.03	1.42
DECEMBER	II	6	AWET	4	6.81	2.15	.07	.67	1.74	64.99	33.27	34.83	.02	1.95
DECEMBER	II	6	AWEW	5	7.22	2.04	.01	.75	4.59	58.78	36.63	34.73	.05	1.60
DECEMBER	II	6	AWEZ	6	7.58	1.79	.01	.74	2.09	56.12	41.79	40.28	.02	1.34
DECEMBER	II	6	AWFG	7	8.05	1.83	-.24	.73	1.53	44.68	53.80	29.45	.02	.83

TABLE 5

MEANS OF THE SEVEN GRAB SAMPLES AT A STATION AND PERIOD AND THE CORRESPONDING STANDARD DEVIATIONS FOR THE CALCULATIONS GIVEN IN TABLE 1

Key to Table:

PERIOD	Month or Season
TRAN	Transect
STA	Station
MEAN	Mean
SD	Standard Deviation
SKEW	Coefficient of Skewness
KURT	Coefficient of Excess (Kurtosis)

SAND SILT CLAY >10.6	Percents	Percentage of total weight in the sand, silt and clay categories and in the fraction greater than 10.6 phi.
SA/MUD	Ratios	Ratio of sand weight and mud weight.
SI/CL	Ratios	Ratio of silt weight and clay weight.

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
MARCH	II	1	MEAN	6.73	3.48	.75	-.84	31.81	35.47	32.72	22.63	.47	1.19
			S.D.	.48	.20	.32	.67	4.63	7.02	6.82	4.22	.10	.56
MARCH	II	2	MEAN	7.79	3.46	.31	-1.38	15.94	40.53	43.54	30.44	.20	.93
			S.D.	.40	.10	.12	.05	8.60	5.37	4.01	2.51	.14	.10
MARCH	II	3	MEAN	9.58	2.93	-.33	-1.06	3.17	29.83	67.00	46.14	.03	.45
			S.D.	.13	.08	.05	.08	1.73	1.34	1.53	1.80	.02	.02
MARCH	II	4	MEAN	8.39	3.35	.10	-1.40	9.91	38.45	51.63	35.44	.11	.76
			S.D.	.45	.11	.17	.04	5.54	3.87	5.48	3.75	.08	.13
MARCH	II	5	MEAN	8.39	3.40	.05	-1.41	10.94	37.71	51.35	35.79	.12	.74
			S.D.	.23	.07	.11	.05	3.80	4.46	3.07	1.95	.05	.12
MARCH	II	6	MEAN	9.78	2.74	-.30	-1.04	1.54	29.02	69.44	46.67	.02	.42
			S.D.	.23	.15	.06	.09	.98	2.72	3.54	5.20	.01	.06
APRIL	II	1	MEAN	7.12	3.45	.60	-1.10	22.65	40.78	36.58	24.59	.31	1.14
			S.D.	.55	.04	.24	.24	7.57	3.20	6.28	3.52	.13	.18
APRIL	II	2	MEAN	7.30	3.45	.52	-1.17	18.99	43.03	37.99	25.67	.24	1.15
			S.D.	.39	.06	.18	.18	5.85	4.93	4.55	3.27	.09	.22
APRIL	II	2	MEAN	9.36	3.01	-.29	-1.06	4.53	30.22	65.25	41.26	.05	.46
			S.D.	.12	.11	.03	.09	1.16	1.69	2.10	2.86	.01	.04

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
APRIL	II	4	MEAN	7.74	3.41	.37	-1.32	13.34	43.54	43.12	29.49	.16	1.03
			S.D.	.50	.06	.20	.11	5.01	2.61	5.80	4.04	.07	.18
APRIL	II	5	MEAN	8.62	3.27	-.00	-1.34	7.46	37.23	55.31	36.07	.08	.69
			S.D.	.33	.08	.16	.06	1.89	4.87	5.47	4.05	.02	.16
APRIL	II	6	MEAN	9.54	2.85	-.22	-1.14	1.82	32.23	65.95	44.44	.02	.49
			S.D.	.16	.08	.04	.03	1.45	1.02	2.14	2.56	.02	.03
JULY	II	1	MEAN	7.71	3.40	.36	-1.30	15.13	41.70	43.17	27.89	.18	.98
			S.D.	.36	.05	.15	.09	4.23	2.37	4.61	2.27	.06	.14
JULY	II	2	MEAN	7.65	3.42	.37	-1.30	16.85	40.76	42.38	27.53	.21	.97
			S.D.	.36	.10	.13	.06	6.86	5.04	4.13	2.25	.10	.15
JULY	II	3	MEAN	9.34	3.00	-.30	-.98	5.06	29.82	65.12	40.56	.05	.46
			S.D.	.13	.12	.09	.14	2.34	2.89	1.61	1.86	.03	.05
JULY	II	4	MEAN	8.00	3.34	.27	-1.35	10.41	42.93	46.66	29.23	.12	.93
			S.D.	.31	.10	.11	.03	3.42	2.89	3.63	2.07	.04	.12
JULY	II	5	MEAN	8.35	3.28	.13	-1.36	8.86	40.07	51.07	32.42	.10	.79
			S.D.	.32	.08	.12	.04	2.67	2.87	4.25	2.59	.03	.12
JULY	II	6	MEAN	9.26	2.91	-.15	-1.13	3.83	33.05	63.12	38.36	.04	.53
			S.D.	.25	.16	.04	.06	3.47	1.97	3.44	2.41	.04	.05
AUGUST	II	1	MEAN	7.30	3.50	.47	-1.23	22.01	38.74	39.25	25.32	.29	1.00
			S.D.	.36	.04	.16	.17	4.78	2.00	4.29	2.69	.08	.14

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
AUGUST	II	2	MEAN	7.46	3.31	.46	-1.18	15.17	43.85	40.97	22.77	.18	1.08
			S.D.	.30	.11	.10	.10	3.44	2.24	3.44	8.48	.05	.12
AUGUST	II	3	MEAN	9.41	2.84	-.18	-1.07	2.44	31.85	65.72	39.07	.03	.49
			S.D.	.11	.04	.05	.03	.54	1.69	1.71	1.88	.01	.04
AUGUST	II	4	MEAN	8.30	3.28	.14	-1.34	9.76	39.19	51.05	31.22	.11	.78
			S.D.	.37	.13	.11	.05	3.67	1.92	4.47	2.38	.05	.09
AUGUST	II	5	MEAN	8.03	3.46	.11	-1.31	16.48	34.50	49.02	29.96	.21	.71
			S.D.	.53	.24	.18	.05	7.68	6.23	5.68	5.20	.11	.16
AUGUST	II	6	MEAN	9.53	2.81	-.20	-1.10	1.89	31.37	66.74	43.96	.02	.47
			S.D.	.18	.10	.07	.06	1.00	1.79	2.33	3.99	.01	.04
NOVEMBER	II	1	MEAN	8.07	3.34	.18	-1.23	17.88	33.32	48.80	30.72	.23	.70
			S.D.	.72	.21	.28	.14	9.19	1.63	8.68	6.36	.15	.12
NOVEMBER	II	2	MEAN	7.17	3.39	.63	-1.09	16.54	47.55	35.91	24.37	.20	1.35
			S.D.	.29	.05	.16	.18	3.33	4.41	3.91	2.33	.05	.25
NOVEMBER	II	3	MEAN	9.29	2.90	-.20	-1.02	3.27	31.77	64.96	36.69	.03	.49
			S.D.	.09	.04	.04	.07	.42	1.50	1.56	1.60	.00	.03
NOVEMBER	II	4	MEAN	7.79	3.37	.36	-1.28	12.44	43.67	43.89	28.73	.15	1.02
			S.D.	.57	.05	.24	.19	6.80	3.24	6.64	4.13	.10	.20
NOVEMBER	II	5	MEAN	8.54	3.20	.08	-1.33	5.49	41.20	53.31	33.09	.06	.79
			S.D.	.44	.14	.14	.06	2.36	3.56	5.49	3.52	.03	.15

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
NOVEMBER	II	6	MEAN	9.36	2.78	-.10	-1.11	1.89	33.83	64.28	37.11	.02	.53
			S.D.	.08	.06	.06	.04	1.05	1.22	1.15	1.38	.01	.03
FALL	I	1	MEAN	6.41	3.56	.74	-.87	42.24	26.24	31.52	18.96	.75	.85
			S.D.	.45	.17	.23	.34	6.22	4.29	5.02	5.47	.18	.19
FALL	I	2	MEAN	7.17	3.41	.56	-1.06	23.95	39.58	36.46	23.39	.33	1.11
			S.D.	.46	.03	.22	.22	7.96	6.69	5.39	2.91	.14	.26
FALL	I	3	MEAN	9.17	3.10	-.31	-.96	6.62	29.94	63.44	39.21	.07	.47
			S.D.	.24	.17	.09	.13	3.56	2.39	2.67	1.93	.04	.04
FALL	I	4	MEAN	5.76	3.60	.99	-.49	56.21	17.35	26.44	17.00	1.35	.66
			S.D.	.48	.12	.20	.52	7.53	4.68	4.05	2.99	.40	.16
FALL	I	5	MEAN	8.62	3.10	.02	-1.12	9.96	33.07	56.97	33.47	.13	.64
			S.D.	1.07	.40	.31	.22	11.61	8.39	14.25	8.71	.17	.25
FALL	I	6	MEAN	7.79	3.37	.28	-1.28	15.84	39.81	44.35	26.34	.19	.90
			S.D.	.26	.07	.08	.04	3.89	1.34	2.91	2.62	.05	.05
FALL	II	1	MEAN	7.51	3.40	.42	-1.17	17.31	41.50	41.19	26.49	.22	1.06
			S.D.	.64	.06	.30	.20	8.18	7.23	7.85	4.58	.14	.31
FALL	II	2	MEAN	6.95	3.38	.72	-.95	21.79	44.52	33.68	22.97	.29	1.34
			S.D.	.37	.07	.16	.20	7.29	6.68	3.88	2.47	.12	.25
FALL	II	3	MEAN	9.37	2.97	-.32	-.92	3.99	29.68	66.32	40.33	.04	.45
			S.D.	.16	.10	.05	.18	1.30	.57	1.36	3.06	.01	.01

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
FALL	II	4	MEAN	8.18	3.29	.21	-1.34	7.39	44.35	48.26	31.16	.08	.94
			S.D.	.37	.06	.16	.05	1.59	4.19	5.35	2.95	.02	.19
FALL	II	5	MEAN	8.66	3.20	.02	-1.32	5.61	39.39	55.00	35.50	.06	.73
			S.D.	.41	.14	.15	.11	1.78	3.85	5.48	3.68	.02	.13
FALL	II	6	MEAN	9.42	2.75	-.16	-1.03	1.97	31.97	66.06	36.89	.02	.49
			S.D.	.32	.15	.11	.21	1.46	3.07	3.48	13.07	.02	.06
FALL	III	1	MEAN	7.96	3.35	.26	-1.28	12.77	41.10	46.13	29.73	.15	.92
			S.D.	.62	.09	.25	.14	7.03	2.03	7.31	5.72	.10	.17
FALL	III	2	MEAN	8.90	3.07	-.02	-1.29	2.95	38.96	58.09	36.80	.03	.67
			S.D.	.11	.06	.04	.04	.32	1.48	1.63	1.70	.00	.05
FALL	III	3	MEAN	9.31	2.86	-.11	-1.15	2.08	34.47	63.45	38.87	.02	.54
			S.D.	.11	.08	.05	.06	.87	1.87	2.19	1.11	.01	.05
FALL	III	4	MEAN	5.06	2.99	1.83	2.36	72.03	10.67	17.30	11.37	2.96	.71
			S.D.	.62	.43	.63	2.31	9.63	3.02	8.01	5.03	1.13	.29
FALL	III	5	MEAN	9.23	2.94	-.12	-1.20	2.51	34.67	62.82	39.08	.03	.55
			S.D.	.17	.13	.08	.07	.85	2.11	2.50	2.47	.01	.06
FALL	III	6	MEAN	9.64	2.77	-.29	-.96	1.56	29.12	69.32	42.46	.02	.42
			S.D.	.07	.06	.07	.11	.69	1.49	1.24	3.90	.01	.03
FALL	IV	1	MEAN	5.23	3.42	1.24	.51	60.85	13.93	25.21	16.18	2.21	.57
			S.D.	1.71	.29	.61	1.08	25.53	9.42	16.40	9.90	1.05	.12

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
FALL	IV	2	MEAN	8.71	3.35	-.22	-1.06	10.02	32.14	57.83	36.58	.11	.56
			S.D.	.42	.23	.10	.15	4.50	2.69	4.61	2.65	.06	.07
FALL	IV	3	MEAN	5.88	4.03	.65	-1.01	52.90	15.10	32.00	20.78	1.19	.48
			S.D.	.61	.15	.30	.36	8.31	2.32	6.23	4.19	.38	.05
FALL	IV	4	MEAN	3.88	2.95	2.12	3.47	81.50	6.89	11.61	6.89	4.65	.59
			S.D.	.33	.22	.33	1.51	3.81	1.79	2.26	1.33	1.20	.09
FALL	IV	5	MEAN	6.57	3.86	.44	-1.09	38.58	24.00	37.41	22.64	.74	.66
			S.D.	.98	.17	.41	.40	15.15	9.05	9.47	8.62	.47	.22
FALL	IV	6	MEAN	5.90	4.06	.65	-1.10	53.78	13.65	32.57	21.33	1.21	.42
			S.D.	.56	.08	.23	.28	6.95	1.83	5.24	3.49	.32	.03
FALL	IV	7	MEAN	9.73	2.60	-.15	-1.07	.77	28.73	70.51	41.44	.01	.41
			S.D.	.07	.05	.03	.06	.47	.62	1.04	1.96	.00	.01
WINTER	I	1	MEAN	6.45	3.58	.74	-.79	44.64	23.45	31.91	21.59	.94	.74
			S.D.	.86	.12	.40	.56	14.27	6.37	8.79	7.13	.51	.13
WINTER	I	2	MEAN	7.52	3.49	.35	-1.18	25.87	31.95	42.18	28.41	.43	.76
			S.D.	.87	.06	.35	.42	14.32	6.20	8.58	7.17	.43	.07
WINTER	I	3	MEAN	9.38	3.08	-.35	-1.03	6.39	28.62	65.00	43.28	.07	.44
			S.D.	.09	.06	.02	.05	1.30	1.06	1.03	1.36	.02	.02
WINTER	I	4	MEAN	4.77	3.20	1.72	1.71	74.41	8.67	16.92	11.76	3.39	.49
			S.D.	.52	.32	.45	1.52	9.91	4.96	5.37	3.89	1.36	.15

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
WINTER	I	5	MEAN	10.08	2.61	-.41	-.88	2.24	23.00	74.76	51.40	.02	.31
			S.D.	.38	.26	.05	.09	3.40	1.92	4.65	5.07	.04	.04
WINTER	I	6	MEAN	7.64	3.48	.32	-1.28	19.77	37.96	42.27	28.34	.26	.92
			S.D.	.61	.07	.24	.22	6.63	1.88	6.31	4.85	.12	.17
WINTER	II	1	MEAN	8.31	3.31	.13	-1.35	13.44	36.79	49.77	33.69	.17	.75
			S.D.	.64	.21	.16	.08	8.27	4.15	6.92	6.06	.11	.12
WINTER	II	2	MEAN	7.74	3.41	.35	-1.30	16.40	40.03	43.56	28.94	.21	.94
			S.D.	.51	.13	.20	.11	7.41	4.88	6.03	3.83	.11	.19
WINTER	II	3	MEAN	9.68	2.87	-.36	-.99	2.45	28.74	68.81	46.64	.03	.42
			S.D.	.11	.07	.04	.08	1.02	1.37	1.79	2.46	.01	.03
WINTER	II	4	MEAN	7.52	3.43	.46	-1.25	15.21	44.16	40.63	28.06	.19	1.12
			S.D.	.57	.05	.24	.23	7.77	4.28	6.56	4.42	.12	.21
WINTER	II	5	MEAN	8.71	3.23	-.02	-1.32	6.53	37.31	56.16	37.54	.07	.69
			S.D.	.51	.13	.20	.09	3.32	5.39	7.34	5.41	.04	.19
WINTER	II	6	MEAN	9.61	2.85	-.26	-1.13	1.66	31.77	66.57	46.50	.02	.48
			S.D.	.24	.06	.08	.06	1.02	2.36	2.94	4.94	.01	.06
WINTER	III	1	MEAN	8.37	3.38	.10	-1.41	9.47	40.02	50.51	36.07	.11	.81
			S.D.	.46	.12	.17	.04	4.62	2.31	6.68	3.47	.06	.16
WINTER	III	2	MEAN	8.91	3.09	.01	-1.36	2.71	40.80	56.49	38.31	.03	.73
			S.D.	.40	.16	.14	.05	3.42	3.64	5.38	3.76	.04	.14

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
WINTER	III	3	MEAN	9.52	2.89	-.23	-1.18	1.12	33.15	65.72	44.43	.01	.51
			S.D.	.16	.11	.05	.09	.65	2.95	2.68	3.32	.01	.07
WINTER	III	4	MEAN	4.42	2.35	3.02	8.48	82.12	9.01	8.87	6.65	5.68	1.21
			S.D.	.40	.42	.73	4.02	8.10	6.19	4.98	3.20	2.47	.88
WINTER	III	5	MEAN	9.15	3.13	-.20	-1.25	4.54	33.84	61.61	41.95	.05	.55
			S.D.	.27	.13	.10	.09	2.03	3.21	3.55	2.85	.02	.08
WINTER	III	6	MEAN	9.84	2.78	-.36	-1.05	.89	28.79	70.32	48.29	.01	.41
			S.D.	.11	.04	.07	.05	.46	1.05	1.17	5.42	.00	.02
WINTER	IV	1	MEAN	4.60	3.34	1.61	1.15	73.48	9.55	16.97	11.70	2.83	.57
			S.D.	.18	.13	.17	.58	3.11	1.90	1.96	.99	.50	.11
WINTER	IV	2	MEAN	9.17	3.22	-.30	-1.11	7.04	31.08	61.89	43.89	.08	.51
			S.D.	.33	.20	.09	.13	3.45	2.22	4.19	2.31	.04	.06
WINTER	IV	3	MEAN	6.06	3.89	.63	-1.09	52.44	14.62	32.93	17.82	1.14	.45
			S.D.	.47	.17	.21	.29	5.92	1.43	4.72	7.89	.27	.04
WINTER	IV	4	MEAN	4.87	2.79	1.94	3.58	70.18	10.07	19.75	12.42	4.32	.61
			S.D.	2.02	.28	.99	2.99	28.77	8.00	21.09	13.21	2.69	.30
WINTER	IV	5	MEAN	6.80	3.97	.35	-1.34	38.63	22.06	39.30	25.83	.66	.57
			S.D.	.61	.11	.23	.17	8.01	4.48	6.03	4.39	.24	.14
WINTER	IV	6	MEAN	6.05	4.05	.64	-1.09	53.70	13.23	33.07	23.28	1.27	.40
			S.D.	.67	.16	.31	.54	9.16	2.71	6.56	4.55	.57	.03

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
WINTER	IV	7	MEAN	9.95	2.57	-.28	-1.01	.41	26.29	73.29	45.76	.00	.36
			S.D.	.21	.05	.12	.07	.19	3.01	3.02	5.70	.00	.06
SPRING	I	1	MEAN	6.16	3.49	.91	-.62	44.36	27.82	27.82	18.22	.81	1.02
			S.D.	.27	.08	.15	.29	4.28	3.44	3.36	1.50	.15	.17
SPRING	I	2	MEAN	7.81	3.39	.30	-1.31	17.66	38.00	44.34	27.93	.22	.86
			S.D.	.30	.09	.09	.04	5.81	3.25	3.02	2.12	.09	.05
SPRING	I	3	MEAN	9.17	3.12	-.32	-.99	7.54	27.73	64.73	37.68	.08	.43
			S.D.	.18	.08	.08	.12	1.67	2.52	3.09	2.24	.02	.06
SPRING	I	4	MEAN	5.42	3.48	1.23	.10	62.66	14.15	23.19	15.22	1.76	.64
			S.D.	.54	.21	.34	.82	6.65	1.40	5.91	3.70	.48	.13
SPRING	I	4	MEAN	8.99	3.08	-.14	-1.09	10.24	29.24	60.52	38.45	.12	.51
			S.D.	.78	.35	.22	.23	6.73	4.13	10.54	6.56	.08	.16
SPRING	I	6	MEAN	7.74	3.40	.31	-1.30	16.75	40.19	43.05	27.06	.20	.93
			S.D.	.12	.04	.03	.03	2.93	2.30	1.01	1.44	.04	.05
SPRING	II	1	MEAN	7.11	3.23	.74	-.63	16.17	48.95	34.88	22.05	.19	1.68
			S.D.	.79	.21	.51	1.00	3.23	7.68	10.34	5.97	.05	.95
SPRING	II	2	MEAN	7.68	3.35	.41	-1.28	11.19	46.54	42.28	26.59	.13	1.11
			S.D.	.19	.05	.08	.06	3.23	3.08	2.18	2.33	.04	.11
SPRING	II	3	MEAN	9.21	3.01	-.21	-1.11	5.14	32.21	62.65	38.78	.06	.52
			S.D.	.28	.17	.08	.12	3.15	4.35	4.05	1.99	.04	.10

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
SPRING	II	4	MEAN	7.16	3.33	.67	-.99	15.08	48.83	36.09	23.28	.19	1.40
			S.D.	.56	.03	.26	.33	6.58	3.36	6.74	3.90	.10	.28
SPRING	II	5	MEAN	8.85	3.12	-.03	-1.30	4.48	38.15	57.37	36.38	.05	.68
			S.D.	.41	.17	.12	.06	2.05	3.94	5.37	3.69	.02	.13
SPRING	II	6	MEAN	9.00	3.06	-.09	-1.23	4.82	35.85	59.34	37.01	.05	.61
			S.D.	.24	.12	.05	.06	2.88	1.29	2.83	2.21	.03	.04
SPRING	III	1	MEAN	8.49	3.21	.13	-1.37	4.46	44.21	51.32	33.22	.05	.87
			S.D.	.18	.05	.08	.04	1.48	3.04	2.28	1.88	.02	.10
SPRING	III	2	MEAN	9.16	3.03	-.16	-1.18	4.70	32.86	62.44	39.56	.05	.53
			S.D.	.46	.26	.08	.11	5.12	2.51	5.27	3.79	.06	.07
SPRING	III	3	MEAN	9.29	2.90	-.13	-1.18	1.87	35.11	63.02	39.53	.02	.56
			S.D.	.25	.08	.09	.09	.73	3.31	3.77	3.60	.01	.09
SPRING	III	4	MEAN	4.45	2.23	3.11	9.18	74.47	17.65	7.88	5.55	3.14	2.42
			S.D.	.27	.28	.69	4.91	6.56	4.30	2.67	1.87	.90	.71
SPRING	III	5	MEAN	9.08	3.06	-.12	-1.26	3.54	35.92	60.55	39.04	.04	.61
			S.D.	.42	.19	.14	.13	1.30	5.51	5.94	4.49	.01	.15
SPRING	III	6	MEAN	9.51	2.82	-.22	-1.06	2.20	31.20	66.60	41.14	.02	.47
			S.D.	.15	.07	.07	.09	.66	2.83	2.80	1.23	.01	.07
SPRING	IV	1	MEAN	4.43	3.22	1.77	1.84	74.18	10.49	15.32	10.51	3.07	.69
			S.D.	.30	.24	.31	1.20	5.51	3.31	3.03	2.17	.94	.20

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
SPRING	IV	2	MEAN	6.49	4.01	.47	-1.31	46.01	17.41	36.58	24.27	.87	.48
			S.D.	.41	.06	.18	.14	4.90	1.35	4.19	3.40	.15	.05
SPRING	IV	3	MEAN	9.41	2.93	-.28	-.96	4.83	29.54	65.64	40.98	.05	.45
			S.D.	.21	.14	.05	.08	2.67	2.41	2.73	2.11	.03	.05
SPRING	IV	4	MEAN	4.14	2.80	2.24	4.10	76.05	12.76	11.19	7.07	3.25	1.26
			S.D.	.26	.26	.41	2.15	2.97	2.33	2.94	1.62	.58	.53
SPRING	IV	5	MEAN	6.35	3.68	.64	-.70	44.63	21.08	34.30	22.49	1.02	.64
			S.D.	1.45	.14	.57	.35	20.30	6.21	14.29	9.21	.59	.09
SPRING	IV	6	MEAN	6.76	3.98	.36	-1.36	41.91	18.82	39.27	25.29	.75	.48
			S.D.	.50	.09	.20	.13	7.56	3.28	4.89	2.71	.22	.06
SPRING	IV	7	MEAN	9.01	2.72	.09	-.73	9.25	28.87	61.87	36.57	.21	.56
			S.D.	1.50	.12	.62	.78	19.81	2.05	17.80	10.58	.47	.31
DECEMBER	II	1	MEAN	7.27	3.26	.60	-.76	19.34	43.41	37.25	23.43	.26	1.34
			S.D.	.98	.11	.50	.57	10.79	8.98	12.00	7.01	.18	.58
DECEMBER	II	2	MEAN	7.30	3.34	.59	-1.10	13.85	49.13	37.02	24.10	.16	1.35
			S.D.	.30	.05	.15	.16	2.90	3.14	3.82	2.26	.04	.20
DECEMBER	II	3	MEAN	9.36	2.87	-.18	-1.07	2.84	32.40	64.76	38.46	.03	.50
			S.D.	.10	.06	.05	.06	.46	1.80	1.64	1.52	.00	.04
DECEMBER	II	4	MEAN	7.71	3.37	.37	-1.27	13.39	43.33	43.28	26.97	.16	1.03
			S.D.	.41	.07	.19	.13	4.95	5.53	5.34	3.24	.07	.24

TABLE 5

PERIOD	TRAN	STA		MEAN	S.D.	SKEW	KURT	SAND	SILT	CLAY	>10.6	SA/MUD	SI/CL
								PERCENTS				RATIOS	
DECEMBER II		5	MEAN	8.22	3.24	.19	-1.30	7.72	43.29	48.99	29.55	.08	.90
			S.D.	.34	.06	.14	.07	1.77	3.06	4.54	3.86	.02	.15
DECEMBER II		6	MEAN	9.20	2.91	-.11	-1.14	2.68	35.52	61.79	36.53	.03	.58
			S.D.	.25	.16	.06	.11	.97	3.62	3.84	4.56	.01	.10

APPENDIX K

SELECTED WATER COLUMN MEASUREMENTS: LOW-MOLECULAR-WEIGHT HYDROCARBONS, NUTRIENTS AND DISSOLVED OXYGEN

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TABLE 1

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE WINTER CRUISE IN 1976

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
I/1	0 m	GME	94	3.7	0.5	1.6	0.4
	5 m		97	4	-	-	-
	15 m	GMF	154	2.4	0.5	0.9	0.4
I/2	0 m	GNY	72	2.5	0.3	1.2	0.3
	10 m	GNZ	61	3	-	-	-
	20 m	GOA	90	<3	-	-	-
	30 m	GOB	87	<3	-	-	-
	40 m	GOC	87	2.1	0.3	0.6	0.4
I/3	0 m	GPN	61	2.2	0.2	0.7	0.4
	10 m	GPO	61	<3	-	-	-
	20 m	GPP	65	<3	-	-	-
	30 m	GPQ	59	3	-	-	-
	40 m	GPR	100	9	-	-	-
	50 m	GPS	56	<3	-	-	-
	60 m	GPT	70	<3	-	-	-
	70 m	GPU	59	<3	-	-	-
	80 m	GPV	70	<3	-	-	-
	90 m	GPW	68	<3	-	-	-
	100 m	GPX	83	<3	-	-	-
	110 m	GPY	89	<3	-	-	-
	115 m		-	0.9	0.2	0.3	0.6
	120 m	GPZ	87	<3	-	-	-
	130 m	GQA	105	<3	-	-	-
II/1	0 m	GRQ	90	3.8	0.6	1.7	0.6
	10 m	GRR	95	5	-	-	-
	20 m	GRS	84	2.4	0.3	0.8	0.3

TABLE 1. CONT.'D

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/2	0 m	GTH	61	2.1	0.3	0.9	0.3
	10 m	GTI	78	2	-	-	-
	20 m	GTJ	73	2	-	-	-
	30 m	GTK	84	2	-	-	-
	40 m	GTL	97	2	-	-	-
	45 m		92	1.7	0.2	0.6	0.3
II/3	0 m	GVB	62	1.8	0.2	0.7	0.4
	10 m	GVC	64	<3	-	-	-
	20 m	GVD	64	<3	-	-	-
	30 m	GVE	67	<3	-	-	-
	40 m	GVF	62	<3	-	-	-
	50 m	GVG	67	<3	-	-	-
	60 m	GVH	86	5	-	-	-
	70 m	GVI	78	<3	-	-	-
	80 m	GVJ	75	2	-	-	-
	90 m	GVK	102	<3	-	-	-
	100 m	GVL	61	<3	-	-	-
	110 m	GVM	59	<3	-	-	-
	120 m	GVN	59	0.7	0.2	0.2	0.6
III/1	0 m	GXE	65	3.6	0.4	1.2	0.7
	10 m	GXF	76	3	-	-	-
	20 m	GXG	78	4.0	0.3	1.1	0.7
III/2	0 m	GYV	157	5.3	0.4	0.7	0.4
	10 m	GYW	122	<3	-	-	-
	20 m	GYX	146	4	-	-	-
	30 m	GYY	138	4	-	-	-
	40 m	GYZ	117	<3	-	-	-

TABLE 1 CONT.'D

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
III/2	50 m	GZA	87	3	-	-	-
	60 m	GZB	117	3.6	0.4	0.6	0.4
III/3	0 m	GAQ	67	1.6	0.1	0.4	0.4
	10 m	GAR	76	<3	-	-	-
	20 m	GAS	87	<3	-	-	-
	30 m	GAT	62	<3	-	-	-
	40 m	GAU	59	<3	-	-	-
	50 m	GAV	57	<3	-	-	-
	60 m	GAW	59	<3	-	-	-
	70 m	GAX	68	<3	-	-	-
	80 m	GAY	62	<3	-	-	-
	90 m	GAZ	86	<3	-	-	-
	100 m	GBA	94	1.6	0.2	0.5	0.7
IV/1	0 m	GKA	65	2.6	0.5	1.1	0.5
	10 m	GKB	62	<3	-	-	-
	20 m	GKC	59	<3	-	-	-
	25 m	GKD	83	1.9	0.6	0.8	0.4
IV/2	0 m	GGC	43	0.2	tr	0.5	0.4
	10 m	GGD	59	<3	-	-	-
	20 m	GGE	67	<3	-	-	-
	30 m	GGF	64	<3	-	-	-
	40 m	GGG	89	<3	-	-	-
	45 m		45	0.7	0.1	0.4	0.4

TABLE 1 CONT.'D

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
IV/3	0 m	GIG	78	1.6	0.3	0.7	0.4
	10 m	GIH	57	3	-	-	-
	20 m	GII	48	<3	-	-	-
	30 m	GIJ	45	<3	-	-	-
	40 m	GIK	45	<3	-	-	-
	50 m	GIL	48	<3	-	-	-
	60 m	GIM	45	<3	-	-	-
	70 m	GIN	68	<3	-	-	-
	80 m	GIO	119	<3	-	-	-
	90 m		330	1.0	0.4	0.4	0.4

TABLE 2

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE MARCH CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/1	0 m JKH	87 88	4.62 3.65	0.83 0.94	0.71 0.90	0.30 0.44
	5 m (½PZ)	92 -	4.9 -	1.3 -	-	-
	20 m JKJ	98 -	3.65 -	0.53 0.65	0.77 0.90	0.52 0.44
II/2	0 m JMD	88 105	2.75 2.19	0.32 0.35	0.51 0.51	0.26 0.26
	10 m	77 84	2.3 2.6	<3 <3	-	-
	14 m (½PZ)	-	-	<3 <3	-	-
	20 m	78 77	1.5 -	<3 <3	-	-
	30 m	78 81	1.5 -	<3 <3	-	-
	40 m JMH	92 105	4.9 4.4	<3 <3	-	-
	48 m	88 87	2.19 2.92	0.30 0.35	0.51 -	0.30 -
II/3	0 m JOB	113 113	2.55 3.40	0.40 0.30	0.61 0.64	0.30 0.30
	10 m	111 119	7.5 7.5	<3 <3	-	-
	15 m (½PZ)	-	-	<3 <3	-	-
	20 m	74 62	2.3 1.5	<3 <3	-	-
	30 m	67 71	2.3 -	<3 <3	-	-
	40 m	64 64	1.5 -	<3 <3	-	-
	50 m	258 -	1.5 -	<3 <3	-	-
	60 m	297 297	1.9 -	<3 <3	-	-
	70 m	171 179	1.9 2.3	<3 <3	-	-
	80 m	246 269	1.5 -	<3 <3	-	-
	90 m	146 158	1.1 1.1	<3 <3	-	-

TABLE 2. CONT.'D

STATION	DEPTH	METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
II/3	100 m	146	147	1.5	-	<3	<3	-		-	
	110 m	140	144	0.8	0.8	<3	<3	-		-	
	122 m JON	81	84	0.73	0.75	0.32	0.34	0.19	0.19	0.44	0.44
SB/4	0 m JRU	60	53	1.82	1.94	0.30	0.38	0.58	0.58	0.30	0.26
	10 m	59	59	1.1	-	<3	<3	-		-	
	20 m	59	56	2.3	-	<3	<3	-		-	
	30 m	70	73	3.8	4.5	<3	<3	-		-	
	40 m	60	55	2.3	-	<3	<3	-		-	
	50 m	67	64	2.3	2.3	<3	<3	-		-	
	60 m	130	130	3.0	-	<3	<3	-		-	
	70 m JSC	144	150	1.94	1.94	0.49	0.49	0.38	0.38	0.41	0.41
HB/5	0 m JQR	59	63	2.07	2.48	0.31	0.32	0.48	0.51	0.26	0.26
	10 m	56	56	1.5	-	<3	<3	-		-	
	20 m	53	49	2.3	-	<3	<3	-		-	
	30 m	62	53	2.3	1.9	<3	<3	-		-	
	40 m	55	60	1.5	1.5	<3	<3	-		-	
	50 m	56	69	1.9	3.8	<3	<3	-		-	
	60 m JQY	77	76	2.55	2.67	0.35	0.35	0.51	0.54	0.26	0.30

TABLE 3

LOW-MOLECULAR-WEIGHT HYDROCARBON FOUND IN THE STOCS MONITORING STUDY DURING THE APRIL CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
II/1	0 m KDI	87	85	5.17	4.49	0.96	0.79	1.36	1.22	0.58	0.58
	6 m (½PZ)	87	88	3.8	3.8	<3	<3	-		-	
	20 m KDK	88	94	2.99	2.72	0.60	0.60	0.79	0.79	0.41	0.50
II/2	0 m KFJ	79	78	25.0	-	0.86	-	1.26	-	0.46	-
	8 m (½PZ)	-		-		-		-		-	
	10 m	51	52	2.1	2.5	<3	<3	-		-	
	20 m	50	48	1.3	2.4	<3	<3	-		-	
	30 m	50	48	2.5	1.0	<3	<3	-		-	
	42 m KFN	51	48	2.67	2.45	0.33	0.36	0.54	0.58	0.33	0.33
II/3	0 m KHI	44	45	2.37	2.39	0.26	0.26	0.58	0.64	0.17	0.21
	10 m	41	43	tr	tr	<3	<3	-		-	
	16 m (½PZ)	-		-		<3	<3	-		-	
	20 m	43	41	2.5	3.0	<3	<3	-		-	
	30 m	42	42	1.7	1.7	<3	<3	-		-	
	40 m	43	48	1.7	1.7	<3	<3	-		-	
	50 m	46	48	1.3	-	<3	<3	-		-	
	60 m	79	70	2.1	1.2	<3	<3	-		-	
	70 m	70	66	1.3	2.5	<3	<3	-		-	
	80 m	109	105	1.7	-	<3	<3	-		-	
	90 m	120	122	1.3	-	<3	<3	-		-	
	100 m	114	127	<3	<3	<3	<3	-		-	
	110 m	124	131	<3	<3	<3	<3	-		-	
	120 m KHV	98	93	0.82	0.82	0.36	0.36	0.14	0.14	0.41	0.50

TABLE 3. CONT.'D

STATION	DEPTH	METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
SB/3	0 m KKR	47	44	2.58	-	0.36	-	0.64	-	0.25	-
	15 m (½PZ)	56	48	1.7	1.7	<3	<3	-		-	
	30 m	71	66	<3	<3	<3	<3	-		-	
	40 m	49	51	<3	<3	<3	<3	-		-	
	50 m	52	-	<3	<3	<3	<3	-		-	
	60 m	57	57	<3	<3	<3	<3	-		-	
	70 m KKZ	140	150	1.96	1.99	0.33	0.43	0.50	0.50	0.33	0.41
HB/8	0 m KJO	50	44	2.58	2.45	0.30	0.33	0.75	0.75	0.33	0.25
	15 m (½PZ)	49	50	1.2	1.2	<3	<3	-		-	
	30 m	48	53	<3	<3	<3	<3	-		-	
	40 m	45	52	<3	<3	<3	<3	-		-	
	50 m	54	53	<3	<3	<3	<3	-		-	
	60 m	64	64	<3	<3	<3	<3	-		-	
	70 m KJV	98	101	2.28	1.90	0.40	0.50	0.47	-	0.33	-

TABLE 4.

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE JUNE SEASONAL CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
I/1	0 m KYZ	67	69	7.89	-	0.35	-	1.86	-	0.49	-
	9 m (½PZ)	63	71	4.4	4.4	<3	<3	-		-	
	18 m KWA	372	369	6.44	-	0.58	-	1.52	-	0.61	-
I/2	0 m KYC	66	57	6.74	-	0.41	-	1.86	-	0.24	-
	10 m	61	55	4.7	4.7	<3	<3	-		-	
	20 m (½PZ)	70	72	3.4	3.4	<3	<3	-		-	
	30 m	140	136	2.7	3.0	<3	<3	-		-	
	40 m KYD	136	134	3.56	-	0.50	-	0.56	-	0.42	-
I/3	0 m KZS	55	47	12.2	-	0.29	-	1.86	-	0.42	-
	15 m	50	46	8.1	8.1	<3	<3	-		-	
	28 m (½PZ)	58	62	11.0	11.0	<3	<3	-		-	
	40 m	60	54	9.1	10.0	<3	<3	-		-	
	50 m	53	64	4.7	5.7	<3	<3	-		-	
	60 m	60	62	3.0	3.7	< 3	<3	-		-	
	70 m	53	64	2.3	3.0	<3	<3	-		-	
	80 m	94	99	2.0	2.0	<3	<3	-		-	
	90 m	107	99	2.0	1.7	<3	<3	-		-	
	100 m	101	98	1.4	1.7	<3	<3	-		-	
	110 m	124	124	1.4	1.4	<3	<3	-		-	
	120 m	127	131	1.4	1.0	<3	<3	-		-	
	130 m KZT	161	171	1.34	-	0.38	-	0.22	-	0.42	-
II/1	0 m LBS	85	-	7.76	-	0.44	-	1.60	-	0.49	-
	7 m (½PZ)	80	85	4.3	4.0	<3	<3	-		-	
	15 m LBT	94	104	4.66	-	0.41	-	1.12	-	0.36	-

TABLE 4. CONT.'D

STATION	DEPTH		METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
II/2	0 m	LDJ	57	56	5.47	6.10	0.35	0.35	1.86	1.74	0.55	0.49
	10 m		56	57	3.7	4.4	<3	<3	-		-	
	21 m	(½PZ)	81	102	3.7	4.0	<3	<3	-		-	
	30 m		96	106	2.7	2.4	<3	<3	-		-	
	40 m		100	98	2.7	4.1	<3	<3	-		-	
	45 m	LDK	121	-	2.97	2.85	0.46	0.46	0.56	0.62	0.49	0.49
II/3	0 m	LFA	41	43	13.7	12.4	0.35	0.35	1.63	1.63	0.49	0.36
	10 m		53	56	6.8	7.4	<3	<3	-		-	
	21 m	(½PZ)	58	57	8.1	8.7	<3	<3	-		-	
	30 m		64	47	8.1	9.4	<3	<3	-		-	
	40 m		58	67	10.0	9.5	<3	<3	-		-	
	50 m		51	53	6.8	8.8	<3	<3	-		-	
	60 m		58	53	3.0	2.7	<3	<3	-		-	
	70 m		57	57	2.7	1.4	<3	<3	-		-	
	80 m		94	96	2.7	2.7	<3	<3	-		-	
	90 m		108	105	2.0	2.0	<3	<3	-		-	
	100 m		118	127	1.4	1.7	<3	<3	-		-	
	110 m		113	117	1.4	1.4	<3	<3	-		-	
	120 m		84	84	1.0	-	<3	<3	-		-	
	130 m	LFB	72	76	0.80	0.66	0.37	0.37	0.28	0.28	0.55	0.49
III/1	0 m	LHC	54	-	5.85	-	0.35	-	1.80	-	0.42	-
	12 m	(½PZ)	71	72	4.1	4.7	<3	<3	-		-	
	20 m	LHD	158	164	3.95	-	0.53	-	1.23	-	0.49	-
III/2	0 m	LIT	46	48	4.78	-	0.23	-	1.52	-	0.36	-
	10 m		50	54	2.7	3.4	<3	<3	-		-	
	20 m		61	49	10.0	10.0	<3	<3	-		-	
	27 m	(½PZ)	57	56	7.4	8.7	<3	<3	-		-	
	40 m		127	119	1.7	2.0	<3	<3	-		-	
	50 m		107	107	2.7	2.3	<3	<3	-		-	
	60 m	LIU	108	110	3.31	-	0.38	0.67	0.67	-	0.42	-

TABLE 4. CONT.'D

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
III/3	0 m LKH	49 43	9.92 7.89	0.35 0.35	1.57 1.86	0.42 0.36
	10 m	55 53	3.3 3.3	<3 <3	-	-
	19 m (½PZ)	69 63	8.1 8.1	<3 <3	-	-
	30 m	63 57	2.7 4.1	<3 <3	-	-
	40 m	86 88	4.0 3.7	<3 <3	-	-
	50 m	107 -	2.4 -	<3 <3	-	-
	60 m	81 82	2.7 1.4	<3 <3	-	-
	70 m	105 104	1.4 1.7	<3 <3	-	-
	80 m	116 120	3.4 2.7	<3 <3	-	-
	90 m	151 141	1.7 2.4	<3 <3	-	-
	100 m LKI	186 160	2.18 2.16	0.35 0.58	0.34 0.34	0.49 0.55
IV/1	0 m LMH	53 58	4.19 -	0.32 -	1.07 -	0.31 -
	12 m (½PZ)	63 57	4.1 3.4	<3 <3	-	-
	20 m LMI	63 58	3.69 -	0.64 -	0.68 -	0.73 -
IV/2	0 m LNX	54 60	4.53 -	0.26 -	1.35 -	0.36 -
	16 m (½PZ)	170 183	1.7 -	<3 -	-	-
	30 m	63 55	6.1 12.0	<3 <3	-	-
	45 m LNY	74 65	4.70 -	0.38 -	- -	- -
IV/3	0 m LPL	41 -	3.38 -	0.23 -	0.96 -	0.24 -
	10 m	46 46	5.4 8.1	<3 <3	-	-
	20 m (½PZ)	46 48	8.7 9.5	<3 <3	-	-
	30 m	44 47	6.8 6.1	<3 <3	-	-
	40 m	42 48	3.3 7.4	<3 <3	-	-
	50 m	66 79	3.4 3.4	<3 <3	-	-
	60 m	138 148	2.0 2.0	<3 <3	-	-
	65 m	144 161	2.7 2.7	<3 <3	-	-
	80 m	350 340	1.3 -	<3 <3	-	-
	85 m LPM	270 270	2.72 -	0.58 -	0.34 -	0.49 -

TABLE 4. CONT.'D

STATION	DEPTH	METHANE (nl/l)		ETHENE (nl/l)		ETHANE (nl/l)		PROPENE (nl/l)		PROPANE (nl/l)	
SB/3	0 m LRM	43	39	10.2	-	-	-	-	-	-	-
	15 m	51	47	8.1	6.7	<3	<3	-		-	
	27 m (½PZ)	41	-	8.7	-	<3	<3	-		-	
	40 m	56	48	6.7	6.1	<3	<3	-		-	
	50 m	54	56	2.7	2.0	<3	<3	-		-	
	60 m	78	78	2.0	2.0	<3	<3	-		-	
	70 m LRN	78	73	3.05	-	0.29	-	0.51	-	0.42	-
HB/3	0 m LSI	57	48	7.89	-	0.29	-	1.46	-	0.36	-
	15 m	86	86	2.7	2.0	<3	<3	-		-	
	26 m (½PZ)	50	57	4.7	4.3	<3	<3	-		-	
	40 m	47	45	6.1	-	<3	<3	-		-	
	50 m	50	54	3.4	2.7	<3	<3	-		-	
	60 m LSJ	86	78	3.51	-	0.47	-	0.56	-	0.49	-

TABLE 5

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE JULY CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/1	0 m OBA	83	3.11	0.71	1.04	0.46
	9 m (½PZ)	68	4	-	-	-
	20 m OBD	52 68	3.78 3.24	0.68 0.56	0.99 0.93	0.46 0.46
II/2	0 m OCW	66 73	3.65 4.54	0.37 0.34	0.81 0.75	0.26 0.26
	15 m (½PZ)	60	5	-	-	-
	30 m	68	4	-	-	-
	45 m OCX	280	4.32 4.86	0.93 0.99	0.58 0.58	0.72 0.78
II/3	0 m OEO	52 52	5.94 5.94	0.20 0.19	1.16 1.28	0.36 0.36
	10 m	47	3	-	-	-
	20 m (½PZ)	48	4	-	-	-
	30 m	58	21	-	-	-
	40 m	74	12	-	-	-
	50 m	89	7	-	-	-
	60 m	118	7	-	-	-
	70 m	89	<3	-	-	-
	80 m	107	<3	-	-	-
	90 m	102	<3	-	-	-
	100 m	135	<3	-	-	-
	110 m	87	3	-	-	-
	120 m OET	140	1.3 1.2	0.47 0.53	0.35 0.35	0.68 0.72
SB/1	0 m OGG	51 56	5.67 7.56	0.19 0.31	1.22 0.99	0.33 0.39
	15 m (½PZ)	48	6	-	-	-
	30 m	60	8	-	-	-
	45 m	59	23	-	-	-
	60 m	110	5	-	-	-
	75 m OGH	270	2.97 3.02	0.56 0.53	0.32 0.35	0.49 0.49

TABLE 5. CONT.'D

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
HB/1	0 m OHA	60 57	6.08 6.08	0.20 0.19	1.04 0.96	0.26 0.29
	15 m (½PZ)	56	6	-	-	-
	30 m	75	8	-	-	-
	40 m	74	20	-	-	-
	50 m	140	8	-	-	-
	60 m	165	4	-	-	-
	70 m OHB	317 314	3.78 3.78	0.59 0.62	0.41 0.35	0.62 0.55

TABLE 6

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE AUGUST CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/1	0 m PDS	132 120	8.6 8.2	0.43 0.43	2.14 2.14	0.49 0.65
	10 m (½PZ)	156 -	5.7 -	0.34 -	1.48 -	0.42 -
	18 m PDG	-	-	-	-	-
II/2	0 m PEU	55 65	6.5 7.4	0.22 0.25	1.57 1.91	0.26 0.39
	10 m	64	-	-	-	-
	20 m (½PZ)	-	-	-	-	-
	30 m	-	-	-	-	-
	40 m	-	-	-	-	-
	45 m PED	- 500	6.5 6.3	0.78 0.84	0.40 0.52	0.52 0.58
II/3	0 m PGG	73 55	9.5 10.1	0.22 0.23	2.43 2.55	0.39 0.42
	20 m	65	-	-	-	-
	27 m (½PZ)	64	-	-	-	-
	40 m	55	-	-	-	-
	50 m	60	-	-	-	-
	60 m	88	-	-	-	-
	70 m	288	-	-	-	-
	80 m	313	-	-	-	-
	90 m	381	-	-	-	-
	100 m	292	-	-	-	-
	115 m PGH	126	0.95 0.95	0.42 0.39	0.29 0.26	0.58 0.58
	125 m	88	-	-	-	-
HB/3	0 m PJG	58 66	11.3 11.6	0.28 0.26	2.23 2.32	0.42 0.52
	30 m (½PZ)	-	-	-	-	-
	60 m PJA	430 380	6.8 6.2	0.78 0.71	0.41 0.29	0.52 0.39
SB/4	0 m PIG	77 55	9.4 8.9	0.23 0.22	2.14 2.14	0.42 0.39
	30 m (½PZ)	-	-	-	-	-
	60 m PIH	431	5.9 -	0.68 -	0.41 -	0.39 -

TABLE 7

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE SEPTEMBER CRUISE IN 1976

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
I/1	0 m	QBF	72	6.72	0.73	1.33	0.51
	17 m	QBG	105	8.06	0.61	1.40	0.60
I/2	0 m	QCR	110	7.93	0.38	1.56	0.46
	35 m	QCS	132 127	11.2 9.8	0.46 0.55	0.91 1.10	0.41 0.55
I/3	0 m	QED	45	15.1	0.51	1.45	0.28
	125 m	QEE	136	1.88	0.43	0.34	0.41
II/1	0 m	QFW	126 126	9.28 8.75	0.75 0.73	1.43 1.43	0.83 0.83
	18 m	QFX	115	5.88	0.64	1.38	0.58
II/2	0 m	QHI	53	14.9	0.20	1.38	0.24
	40 m	QHJ	128	18.6	0.90	0.76	0.47
II/3	0 m	QIU	61	10.8	0.20	1.35	0.37
	125 m	QIV	42	1.0	0.28	0.37	0.40
III/1	0 m	QKN	110	19.1	0.35	1.36	0.52
	20 m	QKO	114	7.22	0.43	1.13	0.55
III/2	0 m	QLZ	59	6.66	0.40	1.43	0.41
	60 m	QMA	403	3.64	0.62	0.32	0.51
III/3	0 m	QNL	60	18.2	0.20	1.56	0.35
	95 m	QNM	178	1.17	0.40	0.31	0.45

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
IV/1	0 m	QPE	57	10.1	0.20	1.54	0.37
	27 m	QPF	62	11.8	0.24	1.54	0.30
IV/2	0 m	QQQ	66	14.3	0.26	1.76	0.44
	40 m	QQR	426	4.68	0.57	0.42	0.49
IV/3	0 m	QSC	63	13.0	0.33	1.87	0.45
	85 m	QSD	399	4.42	0.59	0.36	0.52
SB/1	0 m	QTW	50 61	8.84 9.36	0.19 0.25	1.45 1.71	0.36 0.40
	70 m	QTX	156	1.69	0.49	0.33	0.49
HB/1	0 m	QUQ	71	8.32	0.23 0.23	1.30 1.38	0.39 0.52
	70 m	QUR	450 450	2.34 2.73	0.45 0.46	0.34 0.39	0.47 0.55

TABLE 8

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE NOVEMBER CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/1	0 m UTL	90	4.81	0.63	1.49	0.55
	0 m	94	4.47	0.65	1.54	0.55
	0 m	90	4.81	0.62	1.46	0.55
	11 m (½PZ)	90	-	-	-	-
	18 m UTM	84	3.30	0.54	1.51	0.49
	18 m	85	3.25	0.58	1.07	0.61
	18 m	63	2.86	0.51	0.96	0.52
II/2	0 m UVB	90	2.65	0.46	0.86	0.54
	0 m	83	2.78	0.45	0.82	0.45
	0 m	78	2.60	0.42	0.77	0.51
	17 m (½PZ)	94	-	-	-	-
	40 m UVC	98	3.04	0.49	0.98	0.50
	40 m	98	3.20	0.52	1.00	0.46
	40 m	117	5.03	0.49	0.97	0.49
II/3	0 m UWP	81	4.06	0.32	0.85	0.34
	0 m	95	4.68	0.39	0.92	0.46
	0 m	74	3.64	0.38	0.99	0.49
	24 m (½PZ)	79	-	-	-	-
	60 m	290	-	-	-	-
	120 m UWQ	170	0.52	0.42	0.17	0.44
	120 m	166	0.73	0.44	0.22	0.55
	120 m	148	0.52	0.41	0.19	0.52

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
SB/4	0 m	UYN	89	3.77	0.45	0.91	0.43
	0 m		81	6.01	0.43	0.96	0.44
	0 m		81	5.72	0.44	0.96	0.45
	15 m	(½PZ)	70	-	-	-	-
	30 m		70	-	-	-	-
	50 m		75	-	-	-	-
	70 m	UYO	463	2.39	0.44	0.28	0.46
	70 m		442	2.08	0.49	0.33	0.52
	70 m		444	2.21	0.49	0.33	0.49
HB/2	0 m	UZH	64	9.75	0.33	0.96	0.52
	0 m		84	4.03	0.41	0.93	0.46
	0 m		85	4.21	0.42	0.91	0.43
	10 m		70	-	-	-	-
	25 m	(½PZ)	70	-	-	-	-
	50 m		71	-	-	-	-
	70 m	UZI	426	3.51	0.54	0.52	0.52
	70 m		427	3.64	0.58	0.50	0.49
	70 m		393	3.64	0.55	0.47	0.49

TABLE 9

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS MONITORING STUDY DURING THE DECEMBER CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
II/1	0 m VQU	112	2.55	0.62	0.44	0.48
	0 m	99	2.25	0.57	0.44	0.52
	0 m	111	2.16	0.55	0.44	0.52
	5 m (½PZ)	92	-	-	-	-
	10 m	87	-	-	-	-
	18 m VQV	99	2.28	0.57	0.47	0.50
	18 m	112	1.86	0.65	0.44	0.48
	18 m	107	2.14	0.65	0.44	0.48
II/2	0 m VSO	103	2.58	0.62	0.66	0.59
	0 m	96	2.60	0.62	0.64	0.59
	0 m	94	2.76	0.64	0.67	0.59
	10 m	73	-	-	-	-
	20 m (½PZ)	79	-	-	-	-
	30 m	78	-	-	-	-
	40 m VSP	88	2.05	0.52	0.59	0.53
	40 m	89	2.30	0.55	0.60	0.50
	40 m	88	2.48	0.57	0.60	0.49
II/3	0 m VUG	100	2.53	0.44	0.44	0.35
	0 m	112	2.41	0.48	0.47	0.41
	0 m	108	2.30	0.44	0.47	0.37
	10 m	97	-	-	-	-
	20 m (½PZ)	107	-	-	-	-
	35 m	102	-	-	-	-
	50 m	100	-	-	-	-
	70 m	97	-	-	-	-
	110 m	71	-	-	-	-
	125 m VUH	110	0.67	0.40	0.20	0.65
	125 m	94	0.70	0.35	0.13	0.48
	125 m	102	0.53	0.34	0.11	0.48

TABLE 9. CONT.'D

STATION	DEPTH		METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
SB/1	0 m	VXE	109	2.25	0.77	0.50	0.53
	0 m		103	2.25	0.86	0.54	0.62
	0 m		106	2.30	0.78	0.54	0.62
	10 m		92	-	-	-	-
	20 m	(½PZ)	105	-	-	-	-
	35 m		106	-	-	-	-
	50 m		141	-	-	-	-
	70 m	VXF	123	2.39	0.48	0.54	0.56
	70 m		125	2.42	0.44	0.54	0.50
	70 m		120	2.30	0.44	0.52	0.47
HB/1	0 m	VWJ	126	2.53	0.52	0.52	0.56
	0 m		137	2.35	0.49	0.56	0.43
	0 m		135	2.42	0.55	0.63	0.44
	10 m		96	-	-	-	-
	25 m	(½PZ)	105	-	-	-	-
	40 m		112	-	-	-	-
	55 m		110	-	-	-	-
	70 m	VWK	136	2.34	0.46	0.54	0.41
	70 m		132	2.48	0.52	0.53	0.43
	70 m		132	2.34	0.49	0.54	0.44

TABLE 10

LOW-MOLECULAR-WEIGHT HYDROCARBONS FOUND IN THE STOCS TOPOGRAPHIC FEATURES STUDY DURING THE AUGUST CRUISE IN 1976

STATION	DEPTH	METHANE (nl/l)	ETHENE (nl/l)	ETHANE (nl/l)	PROPENE (nl/l)	PROPANE (nl/l)
SB/1	0 m 16 m (½PZ) 75 m	60 - 135	5.95 - 3.90	0.26 - 0.51	1.43 - 1.19	0.33 - 0.41
SB/2	0 m 15 m (½PZ) 77 m	50 - 141	4.55 - 3.05	0.19 - 0.56	1.25 - 0.55	0.27 - 0.46
SB/3	0 m 15 m (½PZ) 75 m	58 - 123	8.40 - 3.50	0.19 - 0.47	1.85 - 0.99	0.32 - 0.39
SB/4	0 m 14 m (½PZ) 75 m	69 - 141	6.82 - 2.81	0.37 - 0.47	0.93 - 0.87	0.42 - 0.58
HB/1	0 m 15 m (½PZ) 65 m	57 - 151	7.00 - 3.85	0.30 - 0.69	1.45 - 0.41	0.42 - 0.49
HB/2	0 m 15 m (½PZ) 65 m	62 - 192	7.85 - 4.85	0.19 - 0.67	1.21 - 0.53	0.36 - 0.56
HB/3	0 m 15 m (½PZ) 77 m	52 - 145	6.83 - 2.85	0.19 - 0.56	1.57 - 0.79	0.39 - 0.50
HB/4	0 m 15 m (½PZ) 68 m	59 - 148	7.74 - 5.15	0.19 - 0.69	1.57 - 0.63	0.26 - 0.48

DISSOLVED OXYGEN AND NUTRIENT CONCENTRATIONS FOUND IN THE STOCS MONITORING STUDY DURING THE WINTER CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
I/1	0 m	13.87	31.641	3.3	GML	0.51	0.2	6.10	GMK
	5 m (½PZ)	14.31	32.293	3.3	GMP	0.40	0.2	5.88	GMO
	15 m	16.88	34.099	3.6	GMT	0.36	0.3	5.35	GMS
I/2	0 m	17.24	34.366	1.6	GOE	0.23	0.1	5.51	GOD
	10 m	17.28	34.395	-		-	-	5.54	
	14 m (½PZ)	-	-	1.8	GOI	0.24	0.1	-	GOH
	20 m	19.90	35.886	-		-	-	5.14	
	30 m	20.06	35.972	2.1		0.17	0.4	4.99	
	35 m	-	-	1.8	GOM	0.14	0.3	-	GOL
	40 m	20.06	35.974	-		-	-	4.98	
I/3	0 m	20.58	36.063	1.6	GOG	0.09	0.3	5.05	GQF
	10 m	20.58	36.171	-		-	-	5.03	
	20 m	20.58	36.167	-		-	-	5.04	
	24 m (½PZ)	-	-	1.1	GQK	0.05	0.3	-	GQJ
	30 m	20.50	36.176	-		-	-	5.03	
	40 m	20.50	36.173	1.3		0.06	0.2	5.00	
	50 m	20.51	36.177	-		-	-	5.04	
	60 m	20.48	36.181	1.1		0.04	0.2	5.03	
	70 m	20.50	36.202	-		-	-	4.92	
	80 m	20.48	36.180	1.1		0.54	0.3	5.00	
	90 m	20.50	36.183	-		-	-	4.96	
	100 m	20.47	36.200	1.6		0.11	0.9	4.82	
	110 m	19.49	36.420	-		-	-	2.97	
	115 m	-	-	4.5		0.83	8.2	-	
	120 m	18.94	36.388	-		-	-	2.89	
	130 m	16.02	36.066	7.6	GQG	1.14	15.0	2.80	GQN
II/1	0 m	14.69	31.722	3.8	GRY	0.36	0.1	6.10	GRC
	5 m (½PZ)	-	-	3.9	GSC	0.40	0.2	-	GSB
	10 m	14.18	31.742	-		-	-	6.08	
	20 m	17.23	34.371	3.3	GSC	0.30	0.3	5.43	GSF

TABLE 11. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
II/2	0 m	-	35.399	2.1	GTR	0.16	0.1	5.30	GTQ
	10 m	18.86	35.330	-		-	-	5.32	
	14 m (½PZ)	-	-	2.2	GTV	0.15	0.1	-	GTU
	20 m	18.85	35.327	-		-	-	5.28	
	30 m	19.78	35.816	2.2		0.14	0.2	5.12	
	40 m	19.94	35.906	-		-	-	5.05	
	45 m	19.96	35.908	2.1	GTZ	0.48	0.2	5.06	GTY
II/3	0 m	20.62	36.159	1.0	GVU	0.15	0.2	5.02	GVT
	10 m	20.64	36.157	-		-	-	5.13	
	20 m	20.62	36.155	-		-	-	5.02	
	27 m (½PZ)	-	-	1.0	GVZ	0.04	0.2	-	GVY
	30 m	20.62	36.156	-		-	-	5.07	
	40 m	20.62	36.152	1.0		0.30	0.2	5.07	
	50 m	20.63	36.154	-		-	-	5.02	
	60 m	20.62	36.153	1.0		0.09	0.2	4.95	
	70 m	20.58	36.148	-		-	-	5.10	
	80 m	20.52	36.754	1.3		0.09	0.8	4.71	
	90 m	19.35	36.419	-		-	-	2.93	
	100 m	18.58	36.378	4.5		0.82	5.7	2.88	
	110 m	17.76	36.299	-		-	-	2.91	
	120 m	17.04	36.223	5.4		1.04	5.6	2.89	
	130 m	15.98	36.082	7.8	GWD	1.21	6.1	2.85	GWC
[II/1	0 m	14.86	32.144	3.2	GXM	0.38	0.1	5.73	GXL
	8 m (½PZ)	-	-	2.9	GXQ	0.31	0.1	-	GXP
	10 m	15.11	32.584	-		-	-	5.84	
	20 m	14.84	32.550	-		-	-	5.71	
	22 m	-	-	3.2	GXU	0.35	0.2	-	GXT
[II/2	0 m	20.71	36.084	1.3	GZH	0.46	0.2	5.00	GZG
	10 m	20.70	36.090	-		-	-	5.10	
	12 m	-	-	1.3		0.07	0.1	-	

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (µM)		PHOSPHATE (µM)	NITRATE (µM)	OXYGEN (ml/l)	
III/2	20 m (½PZ)	20.71	36.083	1.5	GZL	0.58	0.1	5.07	GZK
	30 m	20.70	36.085	-		-	-	5.14	
	40 m	20.70	36.085	1.7		0.16	0.1	5.06	
	50 m	20.80	36.101	-		-	-	4.79	
	60 m	20.73	36.144	1.6	GZP	0.15	0.3	4.49	GZO
III/3	0 m	20.60	36.152	0.8	GBH	0.04	0.3	5.00	GBG
	10 m	20.60	36.156	-		-	-	4.96	
	20 m	20.60	36.154	-		-	-	4.98	
	24 m (½PZ)	-	-	0.9	GBL	0.10	0.2	-	GBK
	30 m	20.60	36.155	-		-	-	5.00	
	40 m	20.60	36.157	-		-	-	4.95	
	50 m	20.58	36.159	0.8		0.05	0.2	4.89	
	60 m	20.60	36.165	-		-	-	4.97	
	70 m	20.58	36.169	0.9		0.09	0.3	4.96	
	80 m	20.58	36.173	-		-	-	5.01	
	90 m	20.52	36.245	1.8		0.23	3.1	4.24	
	100 m	19.28	36.387	2.6	GBP	0.38	4.2	2.89	GBO
IV/1	0 m	15.43	32.124	2.4	GKI	0.52	0.1	5.96	GKH
	5 m (½PZ)	-	-	2.7	GKM	0.35	0.1	-	GKL
	10 m	14.82	32.231	-		-	-	5.85	
	20 m	15.32	32.853	3.4		0.29	0.6	5.70	
	25 m	16.00	33.325	3.6	GKQ	0.39	0.3	5.47	GKP
IV/2	0 m	17.52	33.478	2.9	GGZ	0.29	0.1	5.793	GGY
	5 m (½PZ)	-	-	2.9	GHI	0.23	0.1	-	GHH
	10 m	19.72	35.283	-		-	-	5.360	
	20 m	20.12	35.472	-		-	-	5.11	
	30 m	20.20	35.501	-		-	-	5.112	
	40 m	20.76	35.777	-		-	-	4.963	
	45 m	20.31	35.666	2.9	GHN	0.20	0.3	5.076	GHM

TABLE 11. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
IV/3	0 m	21.16	36.106	1.0 GIU	0.60	0.2	5.01 GIT
	10 m	21.15	36.107	-	-	-	5.05
	20 m	21.16	36.105	-	-	-	5.04
	25 m (½PZ)	-	-	0.8	0.01	0.2	-
	30 m	21.15	36.103	-	-	-	5.05
	40 m	21.14	36.103	-	-	-	5.02
	50 m	21.13	36.099	1.1	0.08	0.4	5.02
	60 m	21.14	36.098	-	-	-	5.04
	70 m	20.99	36.128	1.3	0.15	1.0	4.69
	80 m	20.34	36.285	-	-	-	3.50
	85 m	-	-	3.5 GJI	0.47	5.8	- GJH
	90 m	20.15	36.296	-	-	-	3.44

TABLE 12

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE MARCH CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)		
II/1	0 m	17.86	27.932	8.471	JKQ	0.219	0.109	5.96	-	
	5 m (½PZ)	17.70	27.914	8.471	JKV	0.244	0.127	5.85	5.81	JKU
	20 m	17.94	35.800	6.099	JLB	0.195	0.436	5.35	5.40	JLA
II/2	0 m	20.18	35.537	2.456	JMN	0.106	0.054	5.28	5.29	JMM
	10 m	20.20	35.537	-		-	-	5.32	5.35	
	14 m (½PZ)	-	35.534	2.146	JMS	0.081	0.086	5.22	-	JMR
	20 m	20.22	35.554	-		-	-	5.31	-	
	30 m	20.57	35.735	2.852		0.195	0.093	5.17	5.26	
	40 m	20.67	35.771	2.188		0.228	0.126	5.26	5.20	
	48 m	20.54	35.763	2.019	JMX	0.057	0.371	5.09	5.12	JMW
II/3	0 m	20.64	35.621	2.711	JOT	0.471	0.421	5.22		JOS
	10 m	20.64	35.643	-		-	-	5.18		
	15 m (½PZ)	-	35.650	1.892	JOX	0.049	0.262	5.18		JOW
	20 m	20.66	35.654	-		-	-	5.19		
	30 m	20.63	35.663	2.541		0.041	0.243	5.23		
	40 m	20.63	35.682	-		-	-	5.18		
	50 m	20.53	36.085	2.315		0.244	0.635	4.68		
	60 m	19.98	36.201	3.247		0.301	0.670	4.06		
	70 m	-	36.221	-		-	-	4.07		
	80 m	19.36	36.281	4.800		0.423	1.641	3.27		
	90 m	18.88	36.346	-		-	-	2.88		
	100 m	18.78	36.349	6.918		0.569	12.982	2.86		
	110 m	18.74	36.347	-		-	-	2.89		
	122 m	16.92	36.193	7.031	JPC	0.943	15.239	2.84		JPB

TABLE 12. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
SB/4	0 m	21.46	35.908	1.722	JSE	0.049	0.218	4.82	JSD
	10 m	21.58	35.898	-		-	-	4.70	
	20 m (½PZ)	21.36	35.897	1.609	JSG	0.049	0.236	5.06	JSF
	30 m	21.40	35.927	-		-	-	5.11	
	40 m	21.50	36.007	1.398		0.065	0.324	5.07	
	50 m	20.56	36.181	-		-	-	5.10	
	60 m	20.23	36.200	2.612		0.219	0.432	4.47	
	70 m	20.07	36.218	3.247	JSI	0.252	0.518	4.32	JSH
HB/5	0 m	21.56	36.017	2.640	JRA	0.057	0.205	5.09	JQZ
	10 m	21.58	36.009	-		-	-	4.99	
	20 m (½PZ)	21.57	36.014	1.511	JRC	0.033	0.218	5.17	JRB
	30 m	21.54	36.017	-		-	-	5.07	
	40 m	21.48	36.022	2.231		0.049	0.246	4.93	
	50 m	21.36	36.030	-		-	-	5.03	
	60 m	21.16	36.060	2.541	JRE	0.065	0.289	-	JRD

TABLE 13

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE APRIL CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)		
II/1	0 m	18.84	28.456	0.184	KDQ	0.146	0.201	6.29	6.28	KDP
	6 m (½PZ)	18.54	28.633	0.141	KDV	0.211	0.160	6.14	6.15	KDU
	20 m	19.00	33.636	0.875	KEA	0.366	0.411	4.94	-	KEZ
II/2	0 m	19.36	29.470	0.522	KFT	0.179	0.187	6.33	6.39	KFS
	8 m (½PZ)	-	-	0.904	KFY	0.203	0.305	-		KFX
	10 m	20.16	35.248	-		-	-	5.36	5.27	
	20 m	20.26	35.395	-		-	-	5.27	5.28	
	30 m	20.38	35.464	1.285		0.098	0.216	5.20	5.21	
	42 m	20.54	35.665	2.301	KGD	0.374	0.415	4.98	4.67	KGC
II/3	0 m	21.99	35.588	1.144	KIB	0.341	0.410	5.16		KIA
	10 m	21.97	35.604	-		-	-	5.10		
	16 m (½PZ)	-	-	1.327	KIG	0.057	0.118	-		KIF
	20 m	21.68	35.555	0.819		0.171	0.209	5.16		
	30 m	21.15	35.728	-		-	-	5.20		
	40 m	20.86	35.764	1.694		0.073	0.349	5.21		
	50 m	20.96	35.811	-		-	-	5.16		
	60 m	20.80	36.019	1.962		0.098	0.571	4.90		
	70 m	20.86	35.916	-		-	-	4.92		
	80 m	20.46	36.099	3.064		0.228	1.523	4.48		
	90 m	20.12	36.184	-		-	-	4.25		
	100 m	19.18	36.301	6.311		0.569	12.681	3.35		
	110 m	18.75	36.326	-		-	-	2.99		
	120 m	18.28	36.325	6.649	KIL	0.853	14.332	2.94		KIK

TABLE 13. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
SB/3	0 m	20.18	34.798	0.748	KLB	0.057	0.118	5.32	KLA
	15 m (½PZ)	20.76	35.519	1.285	KLD	0.057	0.104	5.21	KLC
	30 m	20.80	35.768	1.426		0.024	0.196	5.15	
	40 m	20.82	35.772	-		-	-	5.12	
	50 m	20.83	35.790	1.539		0.041	0.248	5.15	
	60 m	20.85	35.825	-		-	-	4.97	
	70 m	-	36.073	3.981	KLF	0.244	0.624	4.22	KLE
HB/8	0 m	20.18	34.734	0.720	KJX	0.041	0.104	5.33	KJW
	15 m (½PZ)	20.66	35.566	1.101	KJZ	0.024	0.045	5.24	KJY
	30 m	21.34	35.896	1.482		0.073	0.187	5.16	
	40 m	21.26	35.869	-		-	-	5.18	
	50 m	20.84	35.756	1.595		0.033	0.216	5.14	
	60 m	20.80	35.780	-		-	-	5.15	
	70 m	-	35.985	2.838	KYB	0.187	0.385	4.60	KKA

TABLE 14

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE JUNE SEASONAL CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt.)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)		
I/1	0 m	26.58	31.178	0.904	KWI	0.057	0.207	4.94	4.95	KWH
	9 m (½PZ)	26.58	31.183	1.101	KWK	0.073	0.115	4.95	4.94	KWJ
	18 m	23.88	32.546	1.793	KWM	0.106	0.309	2.30	2.34	KWL
I/2	0 m	26.59	30.847	0.833	KYL	0.057	0.164	4.93	4.95	KYK
	10 m	26.30	31.132	-		-	-	4.83	4.95	
	20 m (½PZ)	25.87	31.329	1.087	KYN	0.049	0.111	4.79	4.80	
	30 m	21.69	35.040	-		-	-	4.35	4.33	
	40 m	21.89	35.539	10.800	KYP	0.496	0.318	4.02	4.04	
I/3	0 m	26.51	34.877	1.525	LAG	0.073	0.201	4.79	4.81	LAE
	15 m	26.42	35.144	-		-	-	4.82	-	
	28 m (½PZ)	25.49	35.622	1.101	LAH	0.049	0.219	5.01	4.96	LAG
	40 m	24.67	35.942	-		-	-	4.98	-	
	50 m	23.29	36.040	1.553		0.057	0.287	4.75	-	
	60 m	22.69	36.064	-		-	-	5.07	-	
	70 m	22.43	36.075	-		-	-	5.08	-	
	80 m	21.56	36.179	-		-	-	4.57	-	
	90 m	20.96	36.212	2.061		0.154	3.513	4.43	-	
	100 m	20.30	36.229	-		-	-	4.46	-	
	110 m	19.60	36.297	3.459		0.488	10.312	-	-	
	120 m	19.04	36.336	-		-	-	3.07	-	
	130 m	18.60	36.312	5.294	LAJ	0.788	12.211	2.86	2.80	LAI

TABLE 14. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)		
II/1	0 m	25.92	31.480	1.454	LCB	0.130	0.514	5.08	5.08	LCA
	7 m (½PZ)	25.84	31.472	1.708	LCE	0.081	0.206	5.04	5.06	LCD
	15 m	25.23	31.660	1.991	LCG	0.146	0.331	4.99	5.03	LCF
II/2	0 m	26.38	30.390	1.793	LDS	0.073	0.418	4.94	4.93	LDR
	10 m	26.36	30.398	-		-	-	4.94	4.98	
	21 m (½PZ)	24.12	32.318	2.358	LDU	0.057	0.108	4.84	4.82	LDT
	30 m	22.02	35.501	-		-	-	4.65	4.54	
	40 m	21.52	35.245	-		-	-	4.26	4.27	
	45 m	21.12	35.664	9.981	LDW	0.382	0.312	3.55	3.84	LDV
II/3	0 m	26.44	33.515	1.440	LFN	0.089	0.345	4.83	4.83	LFM
	10 m	26.34	34.471	-		-	-	4.84	-	
	21 m (½PZ)	25.40	35.914	1.398	LFP	0.057	0.116	4.95	4.95	LFO
	30 m	24.83	36.086	-		-	-	5.02	-	
	40 m	24.41	36.129	1.609		0.089	0.298	5.05	-	
	50 m	23.78	36.115	-		-	-	5.11	-	
	60 m	22.86	36.072	1.468		0.049	0.237	5.13	-	
	70 m	22.36	36.077	-		-	-	5.12	-	
	80 m	21.30	36.121	1.962		0.059	0.319	4.50	-	
	90 m	20.66	36.183	-		-	-	4.80	-	
	100 m	20.30	36.258	3.600		0.187	5.683	3.91	-	
	110 m	19.50	36.312	-		-	-	3.17	-	
	120 m	18.43	36.317	-		-	-	2.86	-	
	130 m	17.87	36.314	6.875	LFR	0.553	11.230	2.85	2.85	LFQ

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (µM)		PHOSPHATE (µM)	NITRATE (µM)	OXYGEN (ml/l)		
III/1	0 m	26.59	31.981	2.047	LHL	0.081	4.021	4.91	4.88	LHK
	12 m (½PZ)	25.66	32.691	2.414	LHN	0.471	3.615	4.90	4.90	LHM
	20 m	23.33	33.602	15.812	LHP	0.146	2.810	4.33	4.34	LHO
III/2	0 m	26.27	31.869	1.948	LJC	0.138	0.511	4.85	4.87	LJB
	10 m	26.22	31.865	-		-	-	4.88	4.85	
	20 m	25.13	35.506	-		-	-	4.98	4.99	
	27 m (½PZ)	24.06	35.654	1.567	LJE	0.057	0.305	5.07	5.06	LJD
	40 m	21.29	35.728	-		-	-	3.96	3.96	
	50 m	20.89	36.006	-		-	-	4.19	3.89	
	60 m	20.82	36.011	7.539	LJG	0.366	0.914	3.96	4.00	LJF
III/3	0 m	26.60	31.042	2.005	LKU	0.138	0.637	4.92	-	LKT
	10 m	26.40	31.067	-		-	-	4.92	4.88	
	19 m (½PZ)	24.94	34.508	2.089	LKW	0.065	0.216	4.92	4.95	LKV
	30 m	23.30	35.091	-		-	-	4.97	4.98	
	40 m	22.95	35.828	3.840		0.073	0.305	4.89	-	
	50 m	21.56	35.781	-		-	-	4.27	4.00	
	60 m	21.23	35.892	5.718		0.130	0.706	4.49	-	
	70 m	20.86	36.095	-		-	-	4.61	4.69	
	80 m	20.50	36.148	2.259		0.089	0.918	4.74	-	
	90 m	20.30	36.180	-		-	-	4.05	4.06	
	100 m	20.16	36.187	4.179	LKY	0.317	13.411	4.00	3.97	LKX
IV/1	0 m	25.86	32.859	1.553	LMR	0.041	0.412	4.89	4.89	LMQ
	12 m (½PZ)	25.84	32.863	1.736	LMT	0.041	0.318	4.87	4.84	LMS
	20 m	21.74	35.162	15.812	LMV	0.536	1.918	3.06	-	LMU

TABLE 14. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)		
IV/2	0 m	25.82	32.023	2.188	LOG	0.041	0.041	4.84	4.94	LOF
	16 m (½PZ)	25.48	32.345	1.807	LOI	0.033	0.208	4.98	5.00	LOH
	30 m	23.33	35.998	1.934		0.041	0.216	5.08	-	
	45 m	22.16	35.993	3.134	LOK	0.114	0.489	4.99	4.91	LOJ
IV/3	0 m	25.82	32.624	1.454	LPY	0.106	0.218	4.90	-	LPX
	10 m	25.60	34.852	-		-	-	4.85	4.85	
	20 m (½PZ)	24.90	35.672	1.384	LQA	0.033	0.208	5.00	5.01	LQZ
	30 m	23.56	35.999	-		-	-	5.10	5.10	
	40 m	22.86	36.051	2.329		0.041	0.316	5.14	5.14	
	50 m	22.13	36.066	-		-	-	5.06	5.05	
	60 m	20.83	36.097	1.624		0.024	0.260	4.65	5.04	
	65 m	20.94	36.094	-		-	-	4.87	5.06	
	80 m	20.62	36.185	-		-	-	4.74	-	
	85 m	20.45	36.212	2.174	LQC	0.089	1.314	3.99	4.10	LQB
SB/3	0 m	26.72	30.743	2.061	LRZ	0.171	0.518	4.99	4.93	LRY
	15 m	25.72	33.815	-		-	-	4.89	-	
	27 m (½PZ)	25.51	35.576	1.228	LSB	0.008	0.144	5.17	-	LSA
	40 m	24.21	35.908	-		-	-	5.07	-	
	50 m	23.24	36.046	2.145		0.008	0.240	5.07	-	
	60 m	22.06	35.976	-		-	-	4.94	-	
	70 m	-	35.945	6.918	LSD	1.130	1.216	4.39	4.07	LSC
HB/3	0 m	26.65	32.781	1.934	LSV	0.049	0.248	4.97	4.95	LSU
	15 m	24.01	33.168	-		-	-	4.70	-	
	26 m (½PZ)	24.16	34.964	1.849	LSX	0.195	0.462	4.99	-	LSW
	40 m	24.24	35.988	-		-	-	5.02	-	
	50 m	23.18	36.058	-		-	-	5.07	-	
	60 m	-	35.924	4.800	LSZ	0.154	0.886	4.49	4.50	LSY

TABLE 15

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE JULY CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
II/1	0 m	26.76	34.082	2.6 OBJ	0.23	0.1	4.70 4.69 OBI
	9 m (½PZ)	26.76	34.084	2.5 OBL	0.28	<0.1	4.62 4.75 OBK
	20 m	26.78	34.493	3.9 OBN	0.60	0.05	4.37 4.40 OBM
II/2	0 m	27.15	35.545	1.6 ODF	0.11	0.1	4.77 4.73 ODE
	15 m (½PZ)	27.13	35.548	2.5 ODH	0.26	<0.1	4.72 4.72 ODG
	30 m	26.97	35.886	2.4	0.32	<0.1	4.62 4.29
	45 m	22.84	35.909	11.4 ODJ	2.43	0.8	4.13 4.01 ODI
II/3	0 m	27.75	35.279	1.0 OFB	0.21	0.1	4.68 4.67 OFA
	10 m	27.72	35.234	-	-	-	4.35
	20 m (½PZ)	27.74	35.303	0.7 OFD	0.23	0.6	4.64 4.66 OFC
	30 m	26.46	36.032	-	-	-	5.03
	40 m	27.78	36.039	0.8	0.14	<0.1	5.21
	50 m	23.81	36.154	-	-	-	5.39
	60 m	22.78	36.114	1.0	0.13	<0.1	5.15
	70 m	21.95	36.175	-	-	-	4.78
	80 m	21.04	36.188	0.8	0.18	0.1	4.59
	90 m	20.32	36.250	-	-	-	4.61
	100 m	19.84	36.285	2.5	0.46	4.6	3.99
	110 m	19.02	36.358	-	-	-	3.10 2.93
	120 m	18.25	36.317	2.8 OFF	0.82	9.2	2.96 2.95 OFE
SB/1	0 m	27.56	35.195	0.8 OGT	0.06	0.1	4.69 4.69 OGS
	15 m (½PZ)	27.58	35.231	1.1 OGV	0.08	<0.1	4.60 4.44 OGU
	30 m	27.44	35.950	1.3	0.10	<0.1	4.75
	45 m	25.02	36.097	1.0	0.21	<0.1	5.12

TABLE 15. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
SB/1	60 m	23.02	36.140	0.8	0.78	<0.1	5.17
	75 m	20.60	36.189	5.2 OGX	0.70	3.9	3.46 3.50 OGW
HB/1	0 m	27.56	35.216	0.9 OHN	0.08	0.2	4.69 4.68 OHM
	15 m (½PZ)	27.58	35.225	1.1 OHP	0.11	0.2	4.67 4.68 OHO
	30 m	27.59	35.954	1.4	0.16	0.1	4.75
	40 m	25.70	35.951	0.8	0.08	<0.1	5.03
	50 m	23.49	35.868	0.7	0.14	<0.1	4.76
	60 m	22.12	35.998	1.9	0.33	-	4.35
	70 m	21.24	36.160	3.9 OHR	0.52	2.4	4.07 4.05 OHQ

TABLE 16

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE AUGUST CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l.)
II/1	0 m	28.48	36.071	4.8 PDO	0.35	0.1	4.84 4.75 PDN
	10 m (½PZ)	27.45	36.048	5.0 PDQ	0.46	0.2	5.21 4.73 PDP
	18 m	24.06	36.157	3.7 PDS	0.63	0.1	4.71 5.14 PDR
II/2	0 m	29.36	35.524	1.2 PFD	0.06	<0.1	4.45 4.29 PFC
	10 m	29.15	35.506	1.2	0.04	0.1	4.65 4.68
	20 m (½PZ)	28.22	36.046	0.9 PFF	<0.01	0.1	4.86 4.84 PFE
	30 m	26.46	36.071	0.7	<0.01	<0.1	5.16 5.12
	40 m	24.31	36.072	0.8	0.03	<0.1	5.31 5.38
	45 m	22.90	36.155	2.5 PFH	0.19	<0.1	4.85 PFG
II/3	0 m	29.40	34.806	2.1 PGT	0.11	<0.1	4.60 4.60 PGS
	20 m	28.72	35.154	1.7	0.08	<0.1	4.60
	27 m (½PZ)	28.55	35.896	0.6 PGV	0.01	0.2	4.63 4.58 PGU
	40 m	27.94	36.389	0.8	0.03	<0.1	4.82
	50 m	26.80	36.385	-	-	-	4.87
	60 m	24.06	36.277	0.8	0.03	<0.1	5.23
	70 m	23.40	36.266	-	-	-	5.19
	80 m	22.52	36.256	0.8	0.01	<0.1	4.89
	90 m	21.16	36.235	-	-	-	4.32
	100 m	19.58	36.283	2.6	0.55	5.4	-
	115 m	18.14	36.348	4.5 PGX	1.14	14.0	3.05 3.06 PGW
	125 m	17.47	36.252	4.7	1.13	14.3	2.98
HB/3	0 m	29.04	34.613	2.1 PJM	0.14	0.2	4.55 4.56 PJL
	30 m (½PZ)	27.94	36.377	0.8 PJO	0.14	0.2	4.80 4.81 PJN
	60 m	23.24	36.209	0.8 PJQ	0.06	0.2	5.08 4.68 PJP
SB/4	0 m	29.04	34.828	1.6 PIT	0.16	0.1	4.60 4.67 PIS
	30 m (½PZ)	28.06	36.380	0.8 PIV	0.03	<0.1	4.94 4.88 PIU
	60 m	22.86	36.165	1.2 PIX	0.08	0.2	4.97 5.11 PIW

TABLE 17

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE FALL CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
I/1	0 m	28.64	33.203	4.7 QBO	0.66	<0.1	4.67 4.72 QBN
	6 m (½PZ)	28.66	33.200	4.7 QBQ	1.20	<0.1	4.66 4.69 QBP
	17 m	28.65	33.205	4.6 QBS	0.41	<0.1	4.68 OBR
	17 m	-	-	4.6	0.40	<0.1	4.70
	17 m	-	-	4.7	0.44	<0.1	-
I/2	0 m	28.83	34.675	4.8 QDA	0.30	<0.1	4.69 4.70 QCZ
	10 m	28.79	34.945	4.8	0.29	<0.1	4.67
	21 m (½PZ)	28.61	35.729	2.5 QDC	0.04	<0.1	4.48 4.64 QDB
	35 m	27.93	35.902	6.0 QDE	0.38	0.2	4.41 4.45 QDD
I/3	0 m	28.85	36.109	1.5 QEQ	<0.01	<0.1	4.20 QEP
	0 m	-	-	1.4	<0.01	<0.1	4.45
	0 m	-	-	1.4	<0.01	<0.1	-
	10 m	28.82	36.116	1.4	<0.01	<0.1	4.44
	25 m	28.27	36.481	0.9	<0.01	<0.1	4.64
	37 m (½PZ)	24.98	36.498	1.0 QES	<0.01	<0.1	5.25 4.66 QER
	50 m	23.48	36.263	1.0	<0.01	<0.1	4.79
	70 m	22.26	36.238	1.7	0.04	<0.1	4.84
	90 m	21.40	36.298	2.8	0.29	0.8	4.16
	110 m	20.80	36.275	3.8	0.38	3.8	3.86
	125 m	19.56	36.355	4.5 QEU	0.75	14.0	2.80 QET
	125 m	-	-	4.5	0.76	13.7	2.91
	125 m	-	-	4.6	0.85	-	-
II/1	0 m	29.12	35.172	6.0 QGF	0.49	<0.1	4.75 5.06 QGE
	8 m (½PZ)	29.08	35.164	6.2 QGH	0.77	<0.1	4.83 5.26 QGG
	18 m	29.04	35.170	6.3 QGJ	0.75	<0.1	4.90 5.02 QGI

TABLE 17. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
II/2	0 m	28.78	35.857	2.3 QHR	0.35	<0.1	4.73 4.74 QHQ
	10 m	28.70	35.851	2.0	0.09	<0.1	4.75
	23 m (½PZ)	28.64	35.869	2.1 QHT	0.09	<0.1	4.71 QHS
	23 m	-	-	2.1	0.09	<0.1	4.74
	23 m	-	-	2.2	0.09	-	-
	30 m	27.92	36.145	1.9	0.10	<0.1	4.98
	40 m	25.15	36.307	2.0 QHV	0.03	<0.1	5.43 5.51 QHU
II/3	0 m	28.61	35.754	2.8 QJH	0.10	<0.1	4.46 4.59 QJG
	10 m	28.57	35.754	3.0	0.15	<0.1	4.55
	20 m	28.55	35.750	2.8	0.09	<0.1	4.09
	35 m (½PZ)	25.46	35.288	1.6 QJJ	<0.1	<0.1	4.87 QJI
	35 m	-	-	1.6	0.5	<0.1	4.93
	35 m	-	-	1.6	<0.1	-	-
	50 m	23.06	35.250	2.1	1.30	<0.1	4.84
	70 m	21.07	36.280	3.1	0.32	2.7	4.15
	90 m	17.93	36.291	5.5	1.23	20.4	2.50
	110 m	17.22	36.221	6.0	1.29	21.5	2.72
	125 m	16.83	36.178	6.7 QJL	1.33	22.1	2.56 2.75 QJK
III/1	0 m	29.38	35.790	2.6 QKW	0.14	<0.1	4.95 QKV
	0 m	-	-	2.6	0.14	<0.1	4.99
	0 m	-	-	2.7	0.21	<0.1	-
	10 m (½PZ)	29.38	35.788	2.7 QKY	0.13	<0.1	5.04 5.03 QKX
	14 m	29.12	35.869	2.5	0.19	<0.1	4.68
	20 m	29.16	35.925	2.1 QLA	0.16	<0.1	4.64 4.56 QKZ

TABLE 17. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
III/2	0 m	28.74	35.673	3.5 QMI	0.21	<0.1	4.71 4.81 QMH
	10 m	28.73	35.681	3.5	0.21	<0.1	4.74
	24 m (½PZ)	28.66	35.825	2.4 QMK	0.13	<0.1	4.64 QMJ
	24 m	-	-	2.4	0.16	<0.1	4.73
	24 m	-	-	2.5	0.15	<0.1	-
	40 m	26.00	36.188	2.5	0.15	0.1	5.36
	50 m	22.06	36.207	6.3	0.71	1.9	4.31
	60 m	21.64	36.213	4.0 QMM	0.38	1.1	4.44 4.47 QML
III/3	0 m	28.69	35.765	2.0 QNY	0.13	<0.1	4.54 4.73 ONX
	10 m	28.58	35.782	1.9	0.08	<0.1	4.79
	20 m	28.56	35.779	1.9	0.17	<0.1	4.61
	33 m (½PZ)	26.06	36.303	1.3 QOA	0.02	<0.1	4.77 5.03 QNZ
	40 m	24.19	36.261	1.6	0.08	0.2	4.97
	50 m	22.84	36.248	1.9	0.13	<0.1	4.68
	60 m	20.58	36.264	2.7	0.71	5.2	3.94
	70 m	19.94	36.299	3.6	0.73	9.3	3.60
	80 m	18.40	36.294	4.6	1.21	19.0	2.76
	95 m	18.11	36.243	2.1 QOC	1.15	20.7	2.50 QOB
	95 m	-	-	2.5	1.21	19.9	2.66
	95 m	-	-	2.4	1.20	-	-
IV/1	0 m	28.62	35.902	1.6 QPN	0.08	<0.1	4.77 4.89 QPM
	10 m	28.58	35.900	1.6	0.03	<0.1	4.82
	18 m (½PZ)	28.58	35.897	1.4 QPP	0.02	<0.1	4.79 QPO
	18 m	-	-	1.4	0.06	<0.1	4.86
	18 m	-	-	1.3	0.03	<0.1	-
	27 m	28.58	35.907	1.3 QPR	0.03	<0.1	4.81 4.94 QPQ

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (µM)	PHOSPHATE (µM)	NITRATE (µM)	OXYGEN (ml/l)
IV/2	0 m	28.69	35.611	0.7 QQZ	<0.01	<0.1	4.92 5.09 QQY
	10 m	28.30	35.602	0.7	<0.01	<0.1	4.99
	23 m (½PZ)	27.38	35.717	0.7 QRB	0.10	<0.1	4.99 QRA
	35 m	22.25	36.253	1.0	0.18	<0.1	5.04
	40 m	21.90	36.250	1.9 QRD	0.25	0.2	4.77 4.77 QRC
IV/3	0 m	29.10	36.120	0.5 QSP	<0.01	<0.1	4.39 QSO
	0 m	-	-	0.6	0.02	-	4.59
	0 m	-	-	0.6	<0.01	-	-
	10 m	28.82	36.338	0.5	0.07	<0.1	4.48
	20 m	28.80	36.456	0.7	0.02	<0.1	4.57
	32 m (½PZ)	27.94	36.147	0.5 QSR	0.02	<0.1	5.16 5.30 QSQ
	40 m	26.30	36.140	0.5	0.02	0.3	5.15
	50 m	23.42	36.251	0.5	0.08	0.2	5.52
	85 m	22.37	36.254	0.4 QST	0.02	<0.1	4.90 QSS
SB/1	0 m	28.54	35.675	0.9 QUJ	0.06	<0.1	4.68 QUI
	0 m	-	-	0.8	0.38	<0.1	4.74
	0 m	-	-	0.8	0.06	-	-
	10 m	28.46	35.683	0.8	0.08	<0.1	4.72
	20 m	28.24	35.850	0.6	0.11	<0.1	4.82
	33 m (½PZ)	23.73	36.243	0.6 QUL	0.38	<0.1	5.07 5.16QUK
	50 m	22.30	36.242	0.8	0.16	<0.1	4.82
	60 m	21.04	36.248	0.9	0.20	1.6	4.25
	70 m	18.92	36.297	1.6 QUN	1.06	17.5	2.86 2.97 QUM

TABLE 17. CONT.'D

TATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
B/1	0 m	28.58	35.848	0.9 QVD	0.10	0.1	4.53 4.55 QVC
	10 m	28.60	35.844	0.8	0.15	0.1	4.61
	25 m (½PZ)	28.04	36.107	0.5 QVE	0.09	0.1	4.11 4.72 QVE
	40 m	23.97	36.244	0.5	0.89	0.1	5.07
	55 m	21.72	36.244	0.8	0.29	1.6	4.24
	70 m	20.64	36.248	0.8 QVH	0.61	5.6	3.34 QVG
	70 m	-	-	0.8	0.54	5.7	3.72
	70 m	-	-	0.7	0.53	-	-

TABLE 16

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE NOVEMBER CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
II/1	0 m	20.32	31.769	4.3	UTV	0.28	0.1	5.76	UTU
	0 m	-	-	4.3		0.28	0.1	5.76	
	0 m	-	-	4.4		0.28	0.1	5.76	
	11 m (½PZ)	20.34	32.566	6.8	UTX	0.23	0.3	5.68	UTW
	11 m	-	-	-		-	-	5.68	
	11 m	-	-	-		-	-	5.68	
	18 m	20.87	33.463	6.6	UTZ	0.33	0.3	5.61	UTY
	18 m	-	-	-		-	-	5.62	
	18 m	-	-	-		-	-	5.62	
II/2	0 m	21.40	34.024	6.1	UVK	0.17	0.3	5.25	UVJ
	0 m	-	-	-		-	-	5.25	
	0 m	-	-	-		-	-	5.25	
	17 m (½PZ)	23.27	35.806	2.9	UVM	0.07	0.3	5.25	UVL
	17 m	-	-	-		-	-	5.25	
	17 m	-	-	-		-	-	5.25	
	40 m	23.32	35.835	2.9	UVO	0.04	0.3	5.24	UVN
	40 m	-	-	2.9		0.06	0.4	5.25	
	40 m	-	-	2.9		0.04	0.3	5.25	
II/3	0 m	24.14	36.005	2.3	UXC	<0.01	0.1	4.94	UXB
	0 m	-	-	2.3		<0.01	0.1	4.94	
	0 m	-	-	2.2		0.02	0.1	4.94	
	24 m (½PZ)	24.12	36.003	2.2	UXE	0.02	0.2	5.12	UXD
	24 m	-	-	-		-	-	5.12	
	24 m	-	-	-		-	-	5.12	
	60 m	23.12	36.247	2.5		0.07	0.6	4.96	
	120 m	16.72	36.197	5.8	UXG	0.96	17.1	2.97	UXF
	120 m	-	-	-		-	-	2.97	
	120 m	-	-	-		-	-	2.97	

TABLE 18. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
SB/4	0 m	23.86	36.169	2.2	UZA	<0.01	0.2	5.18	UYZ
	0 m	-	-	-		-	-	5.18	
	0 m	-	-	-		-	-	5.18	
	15 m (½PZ)	23.88	36.048	2.0	UZC	0.13	0.1	5.04	UZB
	30 m	23.88	36.031	2.2		0.01	0.1	4.96	
	30 m	-	-	-		-	-	4.96	
	30 m	-	-	-		-	-	4.96	
	50 m	23.88	36.052	2.1		0.14	0.1	5.03	
	70 m	20.17	36.301	5.8	UZE	0.52	8.0	3.63	UZD
	70 m	-	-	5.9		0.51	8.1	3.62	
	70 m	-	-	5.9		0.51	8.2	3.63	
HB/2	0 m	24.01	36.234	2.2	UZU	0.02	0.1	5.05	UZT
	0 m	-	-	2.1		0.01	0.1	5.05	
	0 m	-	-	2.0		0.02	0.1	5.05	
	10 m	24.01	36.081	2.0		0.01	0.3	5.28	
	25 m (½PZ)	23.92	36.041	2.1	UZW	0.02	0.1	5.24	UZH
	25 m	-	-	-		-	-	5.24	
	25 m	-	-	-		-	-	5.24	
	50 m	23.96	36.077	1.3		0.09	<0.1	5.19	
	70 m	23.91	36.237	4.2	UZY	0.28	3.8	5.09	UZX
	70 m	-	-	4.2		0.25	3.8	5.09	
	70 m	-	-	4.2		0.27	3.9	5.09	

TABLE 19

DISSOLVED OXYGEN AND NUTRIENTS FOUND IN THE STOCS MONITORING STUDY DURING THE DECEMBER CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
II/1	0 m	15.00	33.304	4.4 VRD	0.44	0.5	5.51 VRC
	5 m (½PZ)	15.01	33.316	4.4 VRF	0.23	0.4	5.30 VRE
	10 m	15.02	33.317	4.5	0.33	0.4	5.57
	18 m	15.12	33.989	4.5 VRH	0.23	0.3	5.53 VRG
	18 m	-	-	4.5	0.31	0.3	5.62
	18 m	-	-	4.5	0.28	0.3	5.56
II/2	0 m	18.94	35.432	1.8 VSX	0.04	0.4	4.49 VSW
	0 m	-	-	2.0	0.07	0.4	-
	0 m	-	-	1.9	0.05	0.3	-
	10 m	18.97	35.436	2.5	0.12	0.4	5.03
	20 m (½PZ)	18.98	35.433	2.7 VSZ	0.07	0.4	5.21 VSY
	30 m	18.88	35.435	2.8	0.12	0.6	5.23
	40 m	18.97	35.436	2.8 VTB	0.13	0.4	5.03 5.08 VTA
II/3	0 m	21.44	36.149	1.8 VUT	<0.01	0.5	4.70 VUS
	0 m	-	-	1.8	0.04	0.6	4.81
	0 m	-	-	1.8	0.02	0.5	4.87
	10 m	21.45	36.146	0.8	0.02	0.6	4.47
	20 m (½PZ)	21.44	36.145	1.8 VUV	0.04	0.5	4.72 VUU
	35 m	21.45	36.148	1.8	0.04	0.6	4.97
	35 m	-	-	-	-	-	4.62
	35 m	-	-	-	-	-	4.94
	50 m	21.47	36.146	0.8	0.02	0.6	4.67
	70 m	21.45	36.142	1.6	0.05	0.7	4.78
	90 m	17.88	36.263	5.1	0.79	13.1	2.80
	110 m	16.89	36.206	5.1	0.66	15.1	2.83
	125 m	16.55	36.163	4.4 VUX	1.00	15.6	2.76 VUW
	125 m	-	-	4.4	1.06	15.6	3.00
	125 m	-	-	4.4	0.99	15.6	2.76

TABLE 19. CONT.'D

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)		PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)	
SB/1	0 m	21.31	36.075	1.8	VXR	0.06	0.5	4.83	VXQ
	10 m	21.29	36.075	2.3		0.10	0.5	4.77	
	20 m (½PZ)	21.30	36.076	2.2	VXT	0.06	0.6	4.84	VXS
	35 m	21.30	36.077	2.2		0.07	0.5	4.78	
	50 m	21.30	36.077	1.5		0.11	0.5	4.65	
	70 m	21.32	36.082	2.0	VXA	0.14	0.7	4.79	VXU
	70 m	-	-	2.0		0.12	0.6	-	
	70 m	-	-	2.0		0.12	0.7		
HB/1	0 m	21.27	36.101	1.7	VWW	0.04	0.4	4.82	VWV
	0 m	-	-	1.6		0.07	0.4	4.84	
	0 m	-	-	1.6		0.03	0.3	4.87	
	10 m	21.30	36.098	1.7		0.02	0.3	4.84	
	25 m (½PZ)	21.32	36.097	1.6	VWY	0.02	0.3	4.87	VWX
	25 m	-	-	-		-	-	4.88	
	25 m	-	-	-		-	-	4.88	
	40 m	21.32	36.104	1.6		0.08	0.3	4.87	
	55 m	21.22	36.099	1.7		0.03	0.4	4.86	
	70 m	21.33	36.100	1.7	VWA	0.07	0.3	4.88	VWZ
	70 m	-	-	-		-	-	4.85	
	70 m	-	-	-		-	-	4.87	

LOW-MOLECULAR-WEIGHT-HYDROCARBONS FOUND IN THE STOCS TOPOGRAPHIC FEATURES STUDY DURING THE AUGUST CRUISE IN 1976

STATION	DEPTH	TEMP. (°C)	SALINITY (ppt)	SILICATE (μM)	PHOSPHATE (μM)	NITRATE (μM)	OXYGEN (ml/l)
SB/1	0 m	-	-	0.7	0.23	0.1	4.61 4.68
	16 m (½PZ)	-	-	0.8	0.38	0.1	4.56 4.54
	75 m	-	-	3.2	0.58	1.8	4.03 4.03
SB/2	0 m	-	-	0.9	0.22	0.1	4.68 4.70
	15 m (½PZ)	-	-	0.8	0.08	<0.1	4.61 4.60
	77 m	-	-	4.2	0.76	3.8	3.89 3.90
SB/3	0 m	-	-	0.9	0.27	0.1	4.65 4.69
	15 m (½PZ)	-	-	1.2	0.33	0.1	4.63 4.70
	75 m	-	-	7.1	1.35	8.7	2.97 2.96
SB/4	0 m	-	-	1.2	0.07	0.2	4.92 4.91
	14 m (½PZ)	-	-	1.3	0.03	0.1	4.71 4.72
	75 m	-	-	3.7	1.23	4.8	2.99 2.76
HB/1	0 m	-	-	1.8	0.07	0.1	4.68 4.74
	15 m (½PZ)	-	-	1.8	0.07	<0.1	4.63 4.61
	65 m	-	-	1.4	0.32	0.9	4.49 4.50
HB/2	0 m	-	-	1.6	0.18	<0.1	4.73 4.76
	15 m (½PZ)	-	-	1.7	0.08	<0.1	4.62 4.62
	65 m	-	-	3.1	0.34	1.8	4.39 4.40
HB/3	0 m	-	-	1.5	0.25	0.1	4.30 4.65
	15 m (½PZ)	-	-	1.7	0.08	<0.1	4.65 4.78
	77 m	-	-	5.4	1.05	6.3	4.40 4.39
HB/4	0 m	-	-	1.4	0.32	0.1	4.70 4.64
	15 m (½PZ)	-	-	1.2	0.08	<0.1	4.66 4.66
	68 m	-	-	1.5	0.26	0.9	4.56 4.50

The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.