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VOLUME II

# A Summary and Analysis of Environmental Information on the Continental Shelf from the Bay of Fundy to Cape Hatteras, (1977)

Master Bibliography  
Index  
Acknowledgements

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Center for Natural Areas  
South Gardiner, ME; Washington, D.C.; Los Angeles, CA

CENTER FOR NATURAL AREAS

a non-profit corporation, formerly affiliated with  
the Smithsonian Institution,  
dedicated to sound environmental management  
with offices in:  
South Gardiner, Maine  
Washington, D.C.  
Los Angeles, California

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prepared for the  
Bureau of Land Management

by the  
Center for Natural Areas

S. Gardiner, ME; Washington, D.C.; Los Angeles, CA

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## ABSTRACT

A 12-month study by the Center for Natural Areas (CNA) was conducted to collect and analyze published, unpublished, and raw data as well as ongoing research programs from 1972 to present, relative to the marine environment of the coastal zone and adjacent outer continental shelf (OCS) from the Bay of Fundy to Cape Hatteras. The report is to be used in the design of environmental studies that the Bureau of Land Management (BLM) will direct in an attempt to assess and predict the possible effects of oil and gas development on the marine life and environment.

Nearly 500 persons provided data or were interviewed, and approximately 3,300 documents were reviewed for data by 32 scientists. The following list shows the major topics inventoried and presented in the report:

- Geology - Nearshore and Offshore
- Meteorology
- Physical Oceanography
- Chemistry - Hydrocarbons, Trace Metals, Nutrients, Pesticides,  
and Radioactivity
- Phytoplankton
- Zooplankton
- Neuston
- Nekton
- Benthos
- Commercial Fisheries
- Sport Fisheries
- Benthic Flora
- Maine Mammals
- Marine Birds
- Threatened or Endangered Species
- Microbiology
- OCS Uses
- Unique and Endangered Environments
- Toxicity

The report in three volumes is approximately 3,000 pages in length with over 550 illustrations and 400 tables.

## PREFACE TO THE FINAL REPORT

The material and data contained in this report have been furnished to the Bureau of Land Management under the terms of Contract AA550-CT6-45. The Center for Natural Areas, as contractor, takes full responsibility for any errors or misstatements which may still exist. This inventory was put together from a large number of sources in a 12-month period. We ask the forbearance of our colleagues and our sponsor in accepting this edition as a working document which we hope will be used, corrected, and updated in the future. Any suggestions for changes and additions will be welcomed by CNA.

The staff at CNA thank the many authors and contributors to this study for what we believe is an extensive review of the literature and data of the marine environment of the North and Middle Atlantic OCS region.

William C. Reed, President  
South Gardiner, Maine  
December 1977

## MASTER TABLE OF CONTENTS

### I. INTRODUCTION

1.0	INTRODUCTION	I-1
1.1	Background and History	I-1
1.2	Objectives and Purpose of the Study	I-2
1.3	Scope of the Study	I-2
	1.3.1 Authorization	I-2
	1.3.2 Geographic Area Covered	I-2
	1.3.3 Topical Coverage	I-4
1.4	Methods and Approach	I-4
1.5	Organization of the Report	I-11
1.6	Acknowledgements	I-11
1.7	References Cited	I-13

### II. GEOLOGY

1.0	INTRODUCTION	II-1
	1.1 Organization of Chapter	II-1
	1.2 Definition of Boundaries	II-1

#### NEARSHORE GEOLOGY

Barry Timson  
Consultant, Hallowell, Maine

1.0	INTRODUCTION	II-2
2.0	SUMMARY OF RESEARCH SINCE 1972-73	II-4
	2.1 Gulf of Maine - Calais, Maine to Monomoy, Mass.	II-4
	2.1.1 Regional Setting	II-4
	2.1.2 Beach System Study	II-4
	2.1.3 Estuarine and Embayment Studies	II-8
	2.1.4 Rocky Shoreline Studies	II-11
	2.2 New York Bight Nearshore - Monomoy, Mass. to Cape May, N. J.	II-11
	2.2.1 Regional Setting	II-11
	2.2.2 Beach Studies Since 1973	II-15
	2.2.3 Estuarine and Embayment Studies	II-19
	2.3 Mid-Atlantic Bight - Cape May, N. J. to Cape Hatteras, N. C.	II-21

2.3.1	Regional Setting	II-21
2.3.2	Nearshore Beach Studies Since 1973	II-21
2.3.3	Estuarine and Embayment Studies Since 1973	II-40
3.0	DATA ASSESSMENT - PAST AND PRESENT	II-50
4.0	IDENTIFICATION OF DATA GAPS	II-51
5.0	RECOMMENDED FUTURE STUDIES	II-55
6.0	NON-LIVING RESOURCES	II-56
6.1	Data Assessment	II-56
6.2	Identification of Data Gaps	II-56
6.3	Recommended Future Studies	II-56
7.0	POTENTIAL NEARSHORE GEOLOGIC HAZARDS	II-56

#### OFFSHORE GEOLOGY

Dr. George Keller  
R. F. Busby and Associates

1.0	INTRODUCTION	II-60
2.0	REGIONAL MORPHOLOGY AND GEOLOGY	II-61
2.1	General Setting	II-61
2.1.1	Bathymetry	II-61
2.1.2	Structure	II-61
2.1.3	Sediments, Sedimentary Processes	II-64
2.2	Gulf of Maine	II-68
2.2.1	Structure	II-68
2.2.2	Sediments, Sedimentary Processes	II-68
2.3	Scotian Shelf	II-72
2.3.1	Structure	II-72
2.3.2	Sediments, Sedimentary Processes	II-72
2.4	Georges Bank	II-73
2.4.1	Structure	II-73
2.4.2	Sediments, Sedimentary Processes	II-77
2.5	Southern New England Continental Shelf	II-79
2.5.1	Structure	II-79
2.5.2	Sediments, Sedimentary Processes	II-79
2.6	New York Bight	II-81
2.6.1	Bathymetry	II-81



2.6.2	Structure	II-82
2.6.3	Sediments, Sedimentary Processes	II-82
2.7	Mid-Atlantic Bight (Exclusive of New York Bight)	II-86
2.7.1	Structure	II-86
2.7.2	Sediments, Sedimentary Processes	II-87
2.8	Data Assessment	II-91
2.9	Data Gaps	II-91
2.10	Recommended Studies	II-92
3.0	NONLIVING RESOURCES	II-93
3.1	Petroleum	II-93
3.2	Sand, Gravel, and Clay	II-94
3.3	Water	II-95
3.4	Data Assessment	II-95
3.5	Data Gaps	II-97
3.6	Recommended Studies	II-97
4.0	POTENTIAL SEAFLOOR HAZARDS	II-98
4.1	Seismic Activity	II-98
4.2	Mass Sediment Movement	II-99
4.3	Foundation Characteristics	II-100
4.4	Shallow Gas	II-103
4.5	Data Assessment	II-103
4.6	Data Gaps	II-106
4.7	Recommended Studies	II-107
5.0	REFERENCES CITED	II-108

### III. METEOROLOGY

Dr. Robert Derrickson, Consultant  
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1.0	INTRODUCTION	III-1
1.1	Scope of this Chapter	III-1
1.2	Organization of the Chapter	III-1
2.0	SUMMARY OF RESEARCH SINCE 1972-73	III-2
2.1	Description of Meteorology	III-2
2.1.1	Temperature	III-2
2.1.2	Wind and Pressure	III-4
2.1.3	Visibility and Cloud Cover	III-26
2.1.4	Precipitation	III-74
2.2	Tropical Cyclones	III-87

2.2.1	Introduction	III-87
2.2.2	Frequency of Landfalling	III-87
2.2.3	Offshore Frequency	III-87
2.2.4	Existing Frequency	III-92
2.2.5	Central Pressure	III-94
2.2.6	Storm Surge	III-99
2.2.7	Damage	III-115
2.3	Extratropical Storms and Other Synoptic Features	III-118
2.3.1	Introductory Comments	III-118
2.3.2	Tracks	III-118
2.3.3	Storm Types	III-118
2.3.4	The Forecast Problem	III-123
2.3.5	Associated Winds	III-134
2.3.6	Review of Notable Storms	III-138
2.3.7	Frequency of Occurrence	III-146
2.3.8	Storm Intensity	III-146
2.3.9	Surge	III-148
2.4	Atmosphere-Ocean Surface Interactions	III-149
2.4.1	Energy Exchange	III-149
2.4.2	Wind-Generated Wave Heights	III-159
3.0	ONGOING RESEARCH	III-177
4.0	IDENTIFICATION OF DATA GAPS	III-177
5.0	REFERENCES CITED	III-179

#### IV. PHYSICAL OCEANOGRAPHY

Dr. Tom Hopkins  
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1.0	INTRODUCTION	IV-1
2.0	SUMMARY OF RESEARCH SINCE 1972-73	IV-1
2.1	Gulf of Maine	IV-1
2.1.1	Temperature	IV-1
2.1.2	Salinity	IV-9
2.1.3	Water Masses	IV-15
2.1.4	Circulation	IV-21
2.2	Mid-Atlantic Bight	IV-33

2.2.1	Temperature	IV-33
2.2.2	Salinity	IV-42
2.2.3	Density	IV-51
2.2.4	Water Masses	IV-56
2.2.5	Circulation	IV-64
2.2.6	Tides	IV-88
2.2.7	Waves	IV-100
2.3	Major Estuaries and Embayments	IV-108
2.3.1	Eastport-Passamaquoddy Bay	IV-108
2.3.2	Penobscot Bay	IV-111
2.3.3	Boothbay Harbor	IV-111
2.3.4	Portland Harbor and Casco Bay	IV-111
2.3.5	Portsmouth	IV-113
2.3.6	Massachusetts Bay	IV-113
2.3.7	Narragansett Bay	IV-121
2.3.8	Block Island Sound	IV-128
2.3.9	Connecticut River	IV-134
2.3.10	Long Island Sound	IV-139
2.3.11	New York Harbor	IV-149
2.3.12	Delaware Bay	IV-150
2.3.13	Chesapeake Bay	IV-151
3.0	IDENTIFICATION OF DATA GAPS	IV-161
4.0	RECOMMENDATIONS FOR PRIORITIES OF FUTURE STUDIES	IV-163
5.0	REFERENCES CITED	IV-166

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1.0	INTRODUCTION	V-1
1.1	Organization of the Chapter	V-1
1.2	Introduction to Subsections	V-1
1.2.1	Hydrocarbons	V-1
1.2.2	Trace Metals	V-2

1.2.3	Nutrients	V-4
1.2.4	Pesticides (Chlorinated Hydrocarbons)	V-4
1.2.5	Dredge Spoil Disposal	V-5
1.2.6	Radioactivity	V-6
2.0	WATER COLUMN	V-10
2.1	Hydrocarbons in the Water Column and at the Air-Water Interface	V-10
2.1.1	Summary of Research Since 1972-73	V-10
2.1.2	Integration and Evaluation of Past with Ongoing Research	V-37
2.1.3	Identification and Location of Raw Data and Unworked Samples	V-42
2.2	Trace Metals in the Water Column	V-42
2.2.1	Summary of Research Since 1972-73	V-42
2.3	Nutrients in the Water Column	V-66
2.3.1	A Summary of Research Since 1972-73	V-66
2.3.2	Integration with Past Research	V-67
2.3.3	Unpublished Data	V-67
2.4	Chlorinated Hydrocarbons in the Water Column	V-68
2.4.1	Summary of Research 1972-present	V-68
2.4.2	Integration and Evaluation of Past with Ongoing Research	V-85
2.5	Radioactivity in the Water Column	V-95
2.5.1	The Gulf of Maine	V-95
2.5.2	Narragansett Bay, Rhode Island	V-95
2.5.3	Long Island Sound	V-95
2.5.4	The New York Bight	V-102
2.5.5	The Hudson River	V-106
3.0	SEDIMENTS	V-111
3.1	Hydrocarbons in the Sediments	V-111
3.1.1	Summary of Research Since 1972-73	V-111
3.1.2	Integration and Evaluation of Past with Ongoing Research	V-137
3.1.3	Identification and Location of Raw Data and Unworked Samples	V-138
3.2	Trace Metals in Sediment	V-140
3.2.1	Eastport, Maine to Cape Ann, Massachusetts	V-140
3.2.2	Boston Harbor and Massachusetts Bay	V-140

3.2.3	Buzzards Bay, Massachusetts to Long Island Sound, New York	V-147
3.2.4	New York Bight	V-155
3.2.5	Delaware Bay and Coast	V-161
3.2.6	Chesapeake Bay to Cape Hatteras	V-164
3.2.7	Outer Continental Shelf and Slope	V-174
3.3	Dredge Spoil Disposal	V-178
3.3.1	Massachusetts: Massachusetts Bay	V-178
3.3.2	New York: New York Bight	V-179
3.3.3	Virginia: Port of Hampton Roads	V-182
3.4	Pesticides in Sediment	V-183
3.4.1	Canadian Waters	V-183
3.4.2	The Gulf of Maine and Buzzards Bay, Massachusetts	V-183
3.4.3	Narragansett Bay, Rhode Island	V-186
3.4.4	Long Island Sound	V-190
3.4.5	The New York Bight and Barnegat Bay New Jersey	V-197
3.4.6	The Hudson River	V-200
3.4.7	Chesapeake Bay	V-207
4.0	BIOTA	V-212
4.1	Hydrocarbons in the Biota	V-212
4.1.1	Summary of Research Since 1972-73	V-212
4.1.2	Integration and Evaluation of Past with Ongoing Research	V-233
4.1.3	Identification and Location of Raw Data and Unworked Samples	V-236
4.2	Trace Metals in Biota	V-237
4.2.1	Eastport, Maine to Cape Ann, Massachusetts	V-237
4.2.2	Boston Harbor, Massachusetts Bay	V-238
4.2.3	Buzzards Bay, Massachusetts, to Long Island Sound, New York	V-238
4.2.4	New York Bight	V-239
4.2.5	Delaware Bay and Coast	V-242
4.2.6	Chesapeake Bay-Cape Hatteras	V-242
4.2.7	Outer Continental Shelf and Slope	V-245
4.3	Relationship of Nutrients to the Biota	V-245
4.3.1	Summary of Research Since 1972-73	V-245
4.3.2	Integration with Past Research	V-248
4.3.3	Unpublished Data	V-248

4.4	The Effect of Chlorinated Hydrocarbons on Marine Organisms	V-248
4.5	Pesticides in the Biota	V-256
4.5.1	Montsweag Estuary, Maine	V-256
4.5.2	Massachusetts Coast	V-257
4.5.3	Long Island Sound and the Mid-Atlantic Bight	V-257
4.5.4	The Hudson River	V-263
5.0	ATMOSPHERE	V-265
5.1	Pesticides	V-265
5.1.1	Summary of Research Since 1972-73	V-265
5.1.2	Sources of Chlorinated Hydrocarbons in Atmosphere and Water Column	V-268
5.1.3	Relationship between Atmosphere and Water Column	V-274
5.1.4	Water Surface/Air Interface	V-277
5.2	Trace Metals	V-278
6.0	IDENTIFICATION OF DATA GAPS	V-278
6.1	Hydrocarbons	V-278
6.1.1	Water	V-278
6.1.2	Sediments	V-279
6.1.3	Biota	V-280
6.2	Trace Metals	V-280
6.2.1	A Summary and Evaluation of Past and Present Data and Data Gaps	V-281
6.3	Nutrients	V-283
6.3.1	Water	V-283
6.3.2	Sediments	V-283
6.3.3	Biota	V-283
6.4	Pesticides	V-283
6.4.1	Regional/Local Monitoring	V-283
6.4.2	Atmosphere	V-284
6.5	Dredge Spoil	V-284
7.0	RECOMMENDATIONS FOR FUTURE STUDIES	V-285
7.1	Hydrocarbons	V-285
7.1.1	Water Column	V-285
7.1.2	Sediments	V-285
7.1.3	Biota	V-286
7.2	Trace Metals	V-286
7.3	Nutrients	V-287
7.3.1	Water	V-287
7.3.2	Sediments	V-288
7.3.3	Biota	V-288

7.4	Pesticides	V-288
7.5	Dredge Spoil	V-288
8.0	REFERENCES CITED	V-290

## VI. PHYTOPLANKTON

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1.0	INTRODUCTION	VI-1
2.0	SUMMARY OF RESEARCH SINCE 1972-1973	VI-2
2.1	Relationship to Physio-Chemical Parameters	VI-2
2.1.1	Density	VI-5
2.1.2	Phosphate and Nitrate	VI-5
2.1.3	Chlorophyll	VI-6
2.2	Factors Regulating Phytoplankton Production	VI-7
2.2.1	Vertical Mixing	VI-7
2.2.2	Temperature	VI-9
2.3	Floristic Characteristics of Phytoplankton Populations	VI-10
2.4	Estimates of Primary Production and Hydrographic Influences	VI-11
2.4.1	Variation Across the Shelf	VI-11
2.4.2	Proximity to Land and Freshwater Entry	VI-12
2.4.3	Influence of Oceanic Water	VI-14
2.5	Secondary Production	VI-15
2.6	Seasonal Assemblages and Composition of Phytoplankton North of Cape Hatteras	VI-15
2.6.1	Oceanic Gulf of Maine	VI-21
2.6.2	Coastal Gulf of Maine	VI-21
2.6.3	Coastal Waters of Southern New England	VI-54
2.6.4	Long Island and New York Bight	VI-54
2.6.5	Delaware River and Delaware Bay	VI-76
2.6.6	Chesapeake Bay and South	VI-79

2.7	Influence of Man's Activities	VI-93
3.0	IDENTIFICATION OF DATA GAPS AND RECOMMENDED STUDIES	VI-94
4.0	REFERENCES CITED	VI-96

## VII. ZOOPLANKTON

Dr. Ray P. Gerber  
Dr. Edward S. Gilfillan  
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1.0	INTRODUCTION	VII-1
2.0	SUMMARY OF RESEARCH SINCE 1972-1973	VII-1
2.1	Distribution and Abundance	VII-1
2.2	Nutrition and Metabolism	VII-4
2.3	Chemical Composition	VII-8
2.4	Man's Impact on Zooplankton	VII-12
2.5	Microcosms and Computer Models	VII-21
2.6	Comparative Tables and Figures of Zooplankton Distribution, Abundance, and Biomass	VII-23
3.0	IDENTIFICATION OF RAW DATA AND UNWORKED SAMPLES	VII-24
3.1	MARMAP Program - N.M.F.S.	VII-24
3.1.1	Areal Variations in Zooplankton Volumes on the Northeast Continental Shelf (Spring and Autumn 1973)	VII-58
3.1.2	Distribution of Zooplankton on the Fishing Grounds of Georges Bank, Browns Bank, and the Gulf of Maine	VII-58
3.2	Larval Fish Survey - Maine Dept. of Marine Resources	VII-59
3.3	International Commission for the Northwest Atlantic Fisheries	VII-59
3.4	Duke University - Cooperative Oceanographic Program	VII-59
3.5	Bureau of Land Management - Environmental Data Acquisition and Analysis, Mid-Atlantic OCS.	VII-60



4.0	IDENTIFICATION OF DATA GAPS	VII-61
4.1	Distribution and Abundance	VII-61
4.2	Nutrition and Metabolism	VII-61
4.3	Chemical Composition	VII-62
4.4	Man's Impact	VII-62
4.5	Microcosms and Computer Models	VII-62
5.0	RECOMMENDATIONS FOR FUTURE STUDIES	VII-63
5.1	Distribution and Abundance	VII-63
5.2	Nutrition and Metabolism	VII-63
5.2	Chemical Composition	VII-64
5.4	Man's Impact on Zooplankton	VII-64
5.5	Microcosms and Computer Models	VII-65
6.0	REFERENCES CITED	VII-66

## VIII. NEUSTON

Mr. David Carlson  
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1.0	INTRODUCTION	VIII-1
1.1	Chapter Organization	VIII-1
1.2	Definitions and Terminology	VIII-1
2.0	DESCRIPTION OF THE SEA SURFACE MICROLAYER ENVIRONMENT	VIII-2
2.1	Physical Aspects	VIII-2
2.2	Chemical Aspects	VIII-3
2.3	Physical and Chemical Interactions	VIII-4
3.0	SURFACE MICROLAYER SAMPLING	VIII-5
4.0	NEUSTON	VIII-7
4.1	Summary of Neuston Work Prior to 1974	VIII-8
4.2	Recent Neuston Work	VIII-9
5.0	SUMMARY	VIII-16
6.0	REFERENCES CITED	VIII-18

## IX. NEKTON

Mr. Stanley Chenoweth  
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1.0	INTRODUCTION	IX-1
1.1	Overview	IX-1
1.2	Characteristics of the Fauna	IX-2
1.3	Characteristics of the Data Base	IX-3
2.0	SUMMARY OF RESEARCH SINCE 1972-73	IX-5
2.1	Composition and Distribution of the Nekton	IX-5
2.1.1	Offshore, Shelf-Wide Surveys	IX-5
	Groundfish Surveys	IX-5
	Ichthyoplankton Surveys	IX-17
2.1.2	Nearshore Surveys	IX-25
	North of Cape Cod and Southern Massachusetts	IX-25
	Southern New England	IX-26
	Middle Atlantic	IX-30
	Chesapeake Bay Region	IX-35
2.2	Seasonal and Diurnal Relationships	IX-38
2.2.1	Offshore, Shelf-Wide Surveys	IX-42
2.2.2	Nearshore	IX-43
2.3	Biomass	IX-46
2.4	Population Characteristics	IX-46
2.5	Ecological Relationships	IX-68
2.5.1	Community Structure and Dynamics	IX-68
2.5.2	Relation to Physical Parameters	IX-69
2.5.3	Food, Feeding and Trophic Relationships	IX-72
2.5.4	Influence of Man's Activities	IX-73
3.0	IDENTIFICATION OF RAW DATA	IX-80
4.0	IDENTIFICATION OF DATA GAPS	IX-80
5.0	RECOMMENDATIONS FOR FUTURE STUDIES	IX-81
6.0	REFERENCES CITED	IX-82

## X. BENTHOS

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1.0	INTRODUCTION	X-1
1.1	Organization of the Chapter	X-1
1.2	Introduction to Benthic Research Since 1972	X-1
2.0	INVERTEBRATES	X-2
2.1	Summary of Research Since 1972-73	X-2
2.1.1	Northern New England	X-2
2.1.2	Southern New England	X-17
2.1.3	New York Bight	X-30
2.1.4	Delaware Bay Region	X-54
2.1.5	Chesapeake Bay Region and South	X-63
2.2	Influence of Man's Activities	X-74
3.0	VERTEBRATES	X-77
4.0	DATA GAPS	X-80
5.0	RECOMMENDATIONS FOR FUTURE STUDIES	X-81
6.0	REFERENCES CITED	X-83

## XI. COMMERCIAL FISHERIES

Mr. Stanley Chenoweth  
Consultant, Boothbay Harbor, Maine

1.0	INTRODUCTION	XI-1
1.1	Overview	XI-1
1.2	Historical Perspective and Current Trends	XI-9
2.0	SUMMARY OF RESEARCH SINCE 1972-73	XI-12
2.1	Statistical Data Base	XI-12
2.2	Total Catch and Effort 1972 to 1975	XI-15

2.3	Regional Catch and Effort 1972 to 1975	XI-18
2.3.1	Gulf of Maine Fisheries	XI-21
2.3.2	Georges Bank Fisheries	XI-26
2.3.3	Southern New England Fisheries	XI-33
2.3.4	Middle Atlantic Fisheries	XI-37
2.3.5	New York Bight Fisheries	XI-38
2.3.6	Chesapeake Bay Fisheries	XI-42
2.4	Domestic Landings and Value	XI-42
2.4.1	Maine Landings and Value	XI-44
2.4.2	New Hampshire Landings and Value	XI-46
2.4.3	Massachusetts Landings and Value	XI-48
2.4.4	Rhode Island Landings and Value	XI-48
2.4.5	Connecticut Landings and Value	XI-48
2.4.6	New York Landings and Value	XI-49
2.4.7	New Jersey Landings and Value	XI-49
2.4.8	Delaware Landings and Value	XI-49
2.4.9	Maryland Landings and Value	XI-52
2.4.10	Virginia Landings and Value	XI-52
2.4.11	North Carolina Landings and Value	XI-52
2.4.12	Landings by Principal Ports	XI-52
2.5	The Fishing Industry	XI-52
2.5.1	U.S. Fishing Industry	XI-52
2.5.2	Foreign Fishing Industry	XI-64
2.6	Management of the Fisheries	XI-64
2.6.1	The Conservation and Management Act	XI-67
2.6.2	Federal Programs and Policies	XI-70
2.6.3	State Programs and Policies	XI-71
2.6.4	Management Technology	XI-72
2.7	Man's Impact on Fishery Resources	XI-84
3.0	SUMMARY, EVALUATION AND INTEGRATION WITH PAST AND ONGOING RESEARCH	XI-87
4.0	IDENTIFICATION OF RAW DATA	XI-87
5.0	IDENTIFICATION OF DATA GAPS	XI-88
5.1	Statistical Data Gaps	XI-88
5.2	Economic Data Gaps	XI-88
5.3	Stock Assessment Gaps	XI-89
6.0	RECOMMENDATIONS FOR FUTURE STUDIES	XI-89
7.0	REFERENCES CITED	XI-91

## XII. SPORT FISHERIES

Mr. Stanley Chenoweth  
Consultant, Boothbay Harbor, Maine

1.0	INTRODUCTION	XII-1
2.0	SUMMARY OF RESEARCH SINCE 1971	XII-3
2.1	Statistical Data Base	XII-3
2.2	Sportfish Catch	XII-6
2.2.1	Finfish Survey - 1970	XII-6
2.2.2	Finfish and Invertebrate Survey - 1974	XII-8
2.3	Value of the Catch	XII-11
2.4	Location of Fishing Effort	XII-12
2.5	Management of Sport Fishing	XII-15
2.6	Man's Influence on Sport Fishing	XII-17
3.0	SUMMARY AND EVALUATION OF ONGOING AND PAST RESEARCH	XII-20
4.0	IDENTIFICATION OF RAW DATA	XII-20
5.0	IDENTIFICATION OF DATA GAPS	XII-20
6.0	RECOMMENDATIONS FOR FUTURE STUDIES	XII-21
7.0	REFERENCES CITED	XII-22

## XIII. BENTHIC FLORA

Dr. Gerald Topinka  
Bigelow Laboratory for Ocean Science

1.0	INTRODUCTION	XIII-1
2.0	SUMMARY OF RESEARCH SINCE 1972-73	XIII-1
2.1	Maine to Massachusetts	XIII-1
2.1.1	Benthic Macroalgae	XIII-1
2.1.2	Salt Marsh Plants	XIII-8
2.1.3	Ongoing Research Projects and Availability of Raw Data	XIII-8

2.2	Rhode Island to New York	XIII-11
2.2.1	Benthic Macroalgae	XIII-11
2.2.2	Salt Marsh Plants	XIII-12
2.2.3	Ongoing Research Projects and Availability of Raw Data	XIII-13
2.3	New Jersey to Cape Hatteras, North Carolina	XIII-14
2.3.1	Benthic Macroalgae	XIII-14
2.3.2	Salt Marsh Plants	XIII-19
2.3.3	Ongoing Research and Availability of Raw Data	XIII-23
2.4	Influence of Man's Activities	XIII-25
2.4.1	Dredging and Drilling	XIII-25
2.4.2	Oil	XIII-28
2.4.3	Heavy Metals	XIII-33
3.0	EVALUATION OF RESEARCH, IDENTIFICATION OF DATA GAPS AND RECOMMENDATIONS	XIII-34
3.1	Distribution	XIII-34
3.1.1	Data Gaps	XIII-34
3.1.2	Recommended Studies	XIII-35
3.2	Biomass and Productivity	XIII-35
3.2.1	Data Gaps	XIII-35
3.2.2	Recommended Studies	XIII-36
3.3	Relationship to Physical, Chemical and Biological Environment	XIII-36
3.3.1	Data Gaps	XIII-36
3.3.2	Recommended Studies	XIII-36
3.4	Dredging and Drilling	XIII-36
3.4.1	Data Gaps	XIII-36
3.4.2	Recommended Studies	XIII-36
3.5	Oil	XIII-37
3.5.1	Data Gaps	XIII-37
3.5.2	Recommended Studies	XIII-37
3.6	Heavy Metals	XIII-37
3.6.1	Data Gaps	XIII-37
3.6.2	Recommended Studies	XIII-38
4.0	REFERENCES CITED	XIII-39

## XIV. MARINE MAMMALS

Dr. Steven Katona  
College of the Atlantic

Mr. William Steiner  
Dr. Howard Winn  
University of Rhode Island

1.0	INTRODUCTION	XIV-1
1.1	History and Impact of Early Shore Whaling	XIV-3
2.0	SUMMARY OF RESEARCH SINCE 1972-1973	XIV-6
2.1	Species Description	XIV-6
2.1.1	Seals	XIV-6
2.1.2	Whales	XIV-17
2.2	Causes of Death	XIV-113
2.3	Pollution Effects	XIV-121
2.4	Influence of Man's Activities	XIV-130
2.5	Critical Habitats	XIV-133
3.0	SUMMARY AND EVALUATION OF PAST AND ONGOING RESEARCH	XIV-136
4.0	IDENTIFICATION OF RAW DATA	XIV-137
5.0	IDENTIFICATION OF DATA GAPS	XIV-142
6.0	RECOMMENDATIONS FOR FUTURE RESEARCH INVESTIGATIONS	XIV-143
7.0	REFERENCES CITED	XIV-145

## XV. MARINE BIRDS

Paul R. Adamus  
Center for Natural Areas

William H. Drury  
College of the Atlantic

1.0	INTRODUCTION	XV-1
1.1	Organization of the Chapter	XV-1
1.2	Geographic Scope of the Review	XV-1

1.3	Taxonomic Scope of the Review	XV-2
1.4	Reliability and Adequacy of Data	XV-5
2.0	SUMMARY OF RESEARCH SINCE 1972-73	XV-6
2.1	Community Structure and Dynamics	XV-6
2.1.1	Breeding Species	XV-6
2.1.2	Visiting Species	XV-10
2.1.3	Habitat Contamination with Pesticides and Trace Metals	XV-12
2.1.4	Habitat Contamination with Petroleum	XV-15
2.1.5	Potential Impacts from Off- shore Drilling	XV-28
2.2	Summary of Population Changes	XV-30
2.3	Distribution and Abundance of Major Species	XV-32
2.3.1	Breeding Species Maps	XV-32
2.3.2	Seasonal Distribution Maps	XV-42
2.3.3	Christmas Count Maps	XV-44
2.3.4	Wintering Waterfowl Maps	XV-46
3.0	IDENTIFICATION OF DATA GAPS	XV-46
4.0	RECOMMENDATIONS FOR FUTURE STUDIES	XV-47
5.0	REFERENCES CITED	XV-54
6.0	APPENDIX A	XV-65
	APPENDIX B	XV-96

## XVI. THREATENED OR ENDANGERED SPECIES

Mr. James Hynson  
Center for Natural Areas

Dr. Rezneat Darnell  
Texas A & M

1.0	INTRODUCTION AND RATIONALE	XVI-1
2.0	LISTS OF ENDANGERED ANIMAL SPECIES THAT WERE DEVELOPED FOR MORE THAN ONE STATE	XVI-2
3.0	LISTS OF ENDANGERED ANIMAL SPECIES PREPARED BY INTRA-STATE AGENCIES, AND SUMMARIZED ENDANGERED SPECIES LISTS BY STATES	XVI-13



3.1	Maine	XVI-13
3.2	New Hampshire	XVI-20
3.3	Massachusetts	XVI-30
3.4	Connecticut	XVI-43
3.5	Rhode Island	XVI-60
3.6	New York	XVI-66
3.7	New Jersey	XVI-73
3.8	Pennsylvania	XVI-88
3.9	Delaware	XVI-94
3.10	Maryland	XVI-100
3.11	Virginia	XVI-104
3.12	North Carolina	XVI-110
4.0	EFFORTS TO LIST ENDANGERED PLANTS	XVI-115
4.1	Introduction	XVI-115
4.2	Federally-Defined Endangered Plants	XVI-115
4.3	Status of Endangered Plants in Maine	XVI-116
4.4	Status of Endangered Plants in New Hampshire	XVI-116
4.5	Status of Endangered Plants in Massachusetts	XVI-116
4.6	Status of Endangered Plants in Rhode Island	XVI-116
4.7	Status of Endangered Plants in Connecticut	XVI-117
4.8	Status of Endangered Plants in New York	XVI-117
4.9	Status of Endangered Plants in New Jersey	XVI-117
4.10	Status of Endangered Plants in Pennsylvania	XVI-118
4.11	Status of Endangered Plants in Mary- land	XVI-118
4.12	Status of Endangered Plants in Dela- ware	XVI-119
4.13	Status of Endangered Plants in Virginia	XVI-119
4.14	Status of Endangered Plants in North Carolina	XVI-119
5.0	RECENT RESEARCH ON THE STATUS, DISTRIBUTION AND HABITAT RELATIONS OF ENDANGERED SPECIES	XVI-121
6.0	CURRENT AND PLANNED MANAGEMENT	XVI-136
6.1	Protection	XVI-136
6.2	Information and Education	XVI-137
6.3	Plans and Accomplishments for Individual Species	XVI-138

6.3.1	Maryland Darter ( <u>Eteostoma sellare</u> )	XVI-138
6.3.2	Bog Turtle ( <u>Clemmys muhlenbergi</u> )	XVI-138
6.3.3	Sea Turtles; Atlantic Green Turtle ( <u>Chelonia mydas mydas</u> ) and Atlantic Loggerhead Turtle ( <u>Caretta caretta caretta</u> )	XVI-139
6.3.4	Bald Eagle ( <u>Haliaeetus leucocephalus</u> )	XVI-139
6.3.5	Peregrine Falcon ( <u>Falco peregrinus</u> )	XVI-139
6.3.6	Osprey ( <u>Pandion haliaetus</u> )	XVI-141
6.3.7	Eastern Brown Pelican ( <u>Pelecanus occidentalis carolinensis</u> )	XVI-141
6.3.8	Red-cockaded Woodpecker ( <u>Dendrocopos borealis</u> )	XVI-142
6.3.9	Indiana Bat ( <u>Myotis sodalis</u> )	XVI-143
6.3.10	Eastern Cougar ( <u>Felis concolor cougari</u> )	XVI-143
6.3.11	Delmarva Fox Squirrel ( <u>Sciurus niger cinereus</u> )	XVI-143
7.0	INFLUENCE OF HUMAN ACTIVITIES	XVI-144
7.1	Introduction	XVI-144
7.2	Human Disturbance	XVI-145
7.3	Indirect Destruction of Ecological Niches	XVI-148
7.4	Provision of Habitat for Introduced Species	XVI-149
8.0	IDENTIFICATION OF DATA GAPS	XVI-150
9.0	REFERENCES CITED	XVI-153

## XVII. MICROBIOLOGY

Dr. Galen Jones  
University of New Hampshire

Dr. Rita Colwell  
University of Maryland

1.0	INTRODUCTION	XVII-1
2.0	METHODS OF ENUMERATION	XVII-1

2.1	Pour and Spread Plate Technique	XVII-2
2.2	Extinction Dilution Technique	XVII-3
2.3	Macrocolonies on Membrane Filters	XVII-3
2.4	Microcolonies on Membrane Filters	XVII-4
2.5	Direct Microscopic Techniques	XVII-5
3.0	RECENT ADVANCES IN ESTIMATES OF MARINE BACTERIA	XVII-6
3.1	Fluorescent Microscopy	XVII-6
3.2	ATP Technique	XVII-6
3.3	Adenylate Energy Charge	XVII-7
3.4	Electron Transport System	XVII-8
3.5	Heterotrophic Uptake	XVII-8
3.6	Lipopolysaccharide Assay	XVII-9
3.7	Commentary	XVII-10
4.0	ABUNDANCE OF MICROORGANISMS	XVII-13
4.1	Nova Scotia	XVII-13
4.2	Gulf of Maine	XVII-18
4.3	The Cape Cod Area, Buzzards Bay, and Narragansett Bay	XVII-19
4.4	Long Island Sound	XVII-33
4.5	Raritan Bay	XVII-36
4.6	Chesapeake Bay to Cape Hatteras	XVII-37
5.0	DISTRIBUTION OF SPECIFIC GROUPS OF BACTERIA	XVII-51
6.0	TYPES OF MICROORGANISMS IN THE SEA	XVII-66
7.0	RELATIONSHIP TO OTHER PHYSICAL AND CHEMICAL PARAMETERS	XVII-67
7.1	Temperature	XVII-67
7.2	Pressure	XVII-70
7.3	Light	XVII-71
7.4	Salinity	XVII-71
7.5	Dissolved Gases	XVII-71
7.6	Cultivation of Marine Microorganisms	XVII-71
8.0	TRACE ELEMENT ABUNDANCE AND THE EFFECT ON MARINE MICROORGANISMS	XVII-72
8.1	Survival of Non-marine Bacteria in Seawater	XVII-73
8.2	Mechanism of Toxicity of Trace Elements	XVII-74
9.0	IDENTIFICATION OF DATA GAPS	XVII-75
10.0	REFERENCES CITED	XVII-77

## XVIII. OCS USES

Mr. Stephen Tibbetts  
Center for Natural Areas

1.0	INTRODUCTION	XVIII-1
2.0	SUMMARY OF OCS ACTIVITIES SINCE 1972-73	XVIII-1
2.1	Marine Transportation	XVIII-1
2.1.1	Port Conditions	XVIII-1
2.1.2	Port Facilities	XVIII-3
2.1.3	Petroleum Transportation	XVIII-4
2.1.4	Dry Cargo Transportation	XVIII-9
2.1.5	Passenger Transportation	XVIII-11
2.1.6	Collisions	XVIII-12
2.2	Ocean Dumping	XVIII-18
2.2.1	Introduction	XVIII-18
2.2.2	Current Status of Legislation	XVIII-19
2.2.3	Ocean Dumping Activity	XVIII-21
2.2.4	Enforcement Activity	XVIII-31
2.2.5	Dredged Material Disposal	XVIII-32
2.2.6	Ocean Incineration	XVIII-35
2.2.7	Ongoing Ocean Dumping Research	XVIII-35
2.3	Cables	XVIII-43
2.4	Mining	XVIII-44
2.5	Military Activities	XVIII-47
2.6	Petroleum Activities	XVIII-47
2.6.1	Refineries and Marine Terminals	XVIII-47
2.6.2	Present Status 1974-1977	XVIII-48
3.0	DATA GAPS AND NEEDS FOR FUTURE STUDIES	XVIII-50
4.0	REFERENCES CITED	XVIII-77

## XIX. UNIQUE OR ENDANGERED ENVIRONMENTS

Dr. Rezneat Darnell  
Texas A & M

Mr. James Hynson  
Center for Natural Areas

1.0	INTRODUCTION	XIX-1
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2.0	DEFINITIONS AND PROGRAMS USED ON A MULTI-STATE LEVEL TO IDENTIFY AND DESCRIBE UNIQUE ENVIRONMENTS	XIX-1
2.1	The Research Institute of the Gulf of Maine	XIX-1
2.2	The U. S. National Committee for the International Biological Program (US/IBP)	XIX-2
2.3	The Natural Landmarks Program of the National Park Service	XIX-7
2.4	The Federal Committee on Research Natural Areas	XIX-13
2.5	Marine Sanctuaries	XIX-13
2.6	The Nature Conservancy	XIX-13
2.7	The Society of American Foresters	XIX-14
3.0	DEFINITIONS, PROGRAMS, AND RECENT RESEARCH USED ON A STATEWIDE LEVEL TO IDENTIFY UNIQUE AND SIGNIFICANT ENVIRONMENTS, AND STATEWIDE LISTINGS OF THESE AREAS	XIX-14
3.1	Maine	XIX-14
3.1.1	Multi-State Organizations Which Have Had Involvement in Maine	XIX-14
3.1.2	Intra-State Organizations Which Have Had Involvement in Maine	XIX-17
3.2	New Hampshire	XIX-37
3.2.1	Multi-State Organizations Which Have Had Involvement in New Hampshire	XIX-37
3.2.2	Intra-State Organizations Which Have Had Involvement in New Hampshire	XIX-42
3.3	Massachusetts	XIX-42
3.3.1	Multi-State Organizations Which Have Had Involvement in Massachusetts	XIX-42
3.3.2	Intra-State Organizations Which Have Had Involvement in Massachusetts	XIX-49
3.4	Rhode Island	XIX-62
3.4.1	Multi-State Organizations Which Have Had Involvement in Rhode Island	XIX-62
3.4.2	Intra-State Organizations Which Have Had Involvement in Rhode Island	XIX-64
3.5	Connecticut	XIX-64

3.5.1	Multi-State Agencies Which Have Had Involvement in Connecticut	XIX-64
3.5.2	Intra-State Agencies Which Have Had Involvement in Connecticut	XIX-75
3.6	New York	XIX-75
3.6.1	Multi-State Agencies Which Have Had Involvement in New York	XIX-75
3.6.2	Intra-State Agencies Which Have Had Involvement in New York	XIX-84
3.7	New Jersey	XIX-84
3.7.1	Multi-State Agencies Which Have Had Involvement in New Jersey	XIX-84
3.7.2	Intra-State Agencies Which Have Had Involvement in New Jersey	XIX-96
3.8	Pennsylvania	XIX-96
3.8.1	Multi-State Agencies Which Have Had Involvement in Pennsylvania	XIX-96
3.8.2	Intra-State Agencies Which Have Had Involvement in Pennsylvania	XIX-100
3.9	Delaware	XIX-101
3.9.1	Multi-State Agencies Which Have Had Involvement in Delaware	XIX-101
3.9.2	Intra-State Agencies Which Have Had Involvement in Delaware	XIX-101
3.10	Maryland	XIX-112
3.10.1	Multi-State Agencies Which Have Had Involvement in Maryland	XIX-112
3.10.2	Intra-State Agencies Which Have Had Involvement in Maryland	XIX-112
3.11	Virginia	XIX-112
3.11.1	Multi-State Agencies Which Have Had Involvement in Virginia	XIX-112
3.11.2	Intra-State Agencies Which Have Had Involvement in Virginia	XIX-133

3.12 North Carolina	XIX-155
3.12.1 Multi-State Agencies Which Have Had Involvement in North Carolina	XIX-155
3.12.2 Intra-State Agencies Which Have Had Involvement in North Carolina	XIX-155
4.0 INFLUENCE OF HUMAN ACTIVITIES	XIX-155
4.1 Wetland Modification	XIX-155
4.2 Marine Area Change	XIX-163
4.3 Potential Threats and Pressures on Environmental Areas	XIX-163
5.0 LITERATURE CITED	XIX-167

## XX. TOXICITY AND HEALTH STUDIES

Dr. Samuel Petrocelli  
Consultant, Plymouth, Massachusetts

Dr. John Frazier  
Johns Hopkins University

1.0 INTRODUCTION	XX-1
2.0 LABORATORY STUDIES	XX-1
2.1 Techniques	XX-1
2.1.1 Acute Toxicity Tests	XX-2
2.1.2 Sublethal Effects Studies	XX-4
2.2 Laboratory Exposure	XX-15
2.2.1 Oil Toxicity Tests	XX-15
2.2.2 Interactions of Oil and Other Chemicals and Natural Stresses	XX-28
2.2.3 Uptake and Release of Petroleum Hydrocarbons by Marine Organisms	XX-29
2.2.4 Effects of Petroleum Hydrocar- bons on the Physiological Func- tions of Marine Organisms	XX-39
2.3 Exposure to Trace Metals	XX-44
2.3.1 Indices of Toxicological Response	XX-44
2.3.2 Review of Individual Metals	XX-49
2.3.3 Interactions and Synergism	XX-117
2.3.4 Ecological Implications	XX-117

3.0	FIELD STUDIES	XX-122
3.1	Concentrations of Petroleum Hydrocarbons in Water, Sediment, and Biota in the Marine Environment	XX-122
3.2	Controlled Ecosystem Studies in the Field	XX-135
3.3	Incidence of Oil Spills	XX-136
4.0	IDENTIFICATION OF DATA GAPS WITH PRIORITIZATION OF STUDIES RECOMMENDED TO FILL GAPS	XX-139
4.1	Introduction	XX-139
4.2	Data Gaps	XX-142
4.3	Studies Recommended to Fill Data Gaps	XX-147
5.0	REFERENCES CITED	XX-150



# Master Bibliography

## MASTER BIBLIOGRAPHY

Chapter Number	Chapter Name
I	Introduction
II	Geology
III	Meteorology
IV	Physical Oceanography
V	Chemistry
VI	Phytoplankton
VII	Zooplankton
VIII	Neuston
IX	Nekton
X	Benthos
XI	Commercial Fisheries
XII	Sport Fisheries
XIII	Benthic Flora
XIV	Marine Mammals
XV	Marine Birds
XVI	Threatened or Endangered Species
XVII	Microbiology
XVIII	OCS Uses
XIX	Unique or Endangered Environments
XX	Toxicity

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IX-53.

# Index

## INDEX

- a-chlordane, XIV-44,81,96
- abundance, IX-5,25,35,43,69; X-5; XIII-1 23; XIV-1,3,8 13,26,29,  
38,43,53,64,68,79,85,91,96,110  
of estuarine species, X-7
- Abbotts Pond, XIX-111
- Aberdeen-Edgewood Marsh, XIX-125
- abyssal plain sediments, V-125,126
- Acadia National Park, XIX-29
- acanthocephalids, XIV-12,30,44,115
- Acanthohaustorius millsii, X-5,34
- acarids, XIV-12
- Acartia clausi, VII-5,6,16; XX-3,67,71 78,83  
tonsa, VII-4 5,6,7 11,12; XX-3,147
- Accabonac Harbor, XIX-88
- accidental strays, XV-4
- Accipiter cooperii, see Hawk, Cooper's  
gentilis, see Goshawk  
striatus, see Hawk. Sharp-shinned
- Accomac County, Virginia XVI-131; XIX-154
- accomodation, V-33
- Achnanthes taeniata, VI-20
- Achromobacter sp. XVII-14
- acid waste, VII-14
- Acinetobacter sp., V-228,229
- Acipenser brevirostrum, see Sturgeon, Shortnose  
fulvesnceus, see Sturgeon, Lake  
oxyrhynchus, see Sturgeon, Atlantic
- Acropora cuneata, XX-45
- Acteon punctostriatus, X-19
- Actinobacillus sp. XIV-118
- Actinoptychus sp., VI-61,70  
undulatus, VI-17,82
- Acushnet Cedar Swamp, XIX-45
- acute toxicity studies, XX-1,2,3,4,15,25,44,48,66,145,148
- Adams Pond, XIX-18,41  
Marsh, XIX-43
- Adkins Pond and Run, XIX-129
- Admas Point, XIX-43
- ADP, XVII-7
- advective effects, VII-2
- aerial mapping XIII-22
- aerobic decomposition, V-126

aeromagnetic, II-63  
Aeromonas sp. V-228  
Agalinus aphylla, see Foxglove, Coastal-plain  
  fasciculata, see Foxglove, Fascicled  
  maritima, see Foxglove, Salt-marsh  
  tenella, see Foxglove, Pennell's  
  virgata, see Foxglove, Spotted  
agar, XVII-4,19  
Agkistrodon contortrix moluson, see Snake, Northern Copperhead  
Agmenellus quadruplicatum, XX-17  
air-water interface, III-2,18,22 59,94,149,177; V-10,25,37,277;  
VIII-2,4,16  
airborne transport, V-117,268,271  
aircraft, XV-28  
airport, XIX-159  
Airport Conservation Area, XIX-129  
Akeley Nature Preserve, XIX-76  
Alapocas Woods, XIX-104  
Albany Mountain Laurel Stand, XIX-35  
Alca torda, see Razorbill  
Alces alces americana, see Moose  
alcid, XV-48  
Alewife, IX-25,26,27,29,31,33; X-80; XI-37  
algae, brown, XIII-2,15  
  blue-green, VI-1,71,76  
  crustose coralline, XIII-9  
  green, VI-1,71  
  marine, XIII-6,11  
  red, XIII-2,7,29  
  rocky shore, XIII-35,36,37  
    macroscopic, XIII-15  
algal attachment, XIII-11  
  development, XIII-11  
alkaline phosphatase activities, VI-88  
Alle alle, see Dovekie  
Allen Island, XIX-19  
Alligator, American, XVI-111  
Alligator mississippiensis, see Alligator, American  
alongshore pressure gradient, IV-68  
Alosa aestivalis, see Herring, Blueback  
    mediocris, see Shad, Hickory  
    pseudoharengus, see Alewife  
    sapidissima, see Shad, American  
alteration, XI-84 XII-17  
aluminum (Al), V-51,54,124,161

Alvania carinata X-9  
 ALVIN (submersible research vessel), X-17; XVII-30  
 ambient seawater concentrations, XIII-38  
Ambystoma jeffersonianum, see Salamander, Jefferson  
     laterale, see Salamander, Blue-spotted  
     maculatum, see Salamander, Spotted  
     opacum, see Salamander, Marbled  
     platenium, see Salamander, Silvery  
     Tigrinum tigrinum, see Salamander, Eastern Tiger  
Amia calva, see Bowfin  
Ammocrypta pellucida, see Darter, Eastern Sand  
Ammodramus savannavum, see Sparrow Grasshopper  
Ammodytes sp., XIV-27,39  
     americanus, V-221,222  
 ammonia, VI-13,58; VII-8; XVII-14  
     excretion, VI-91  
Ammospiza caudacuta, see Sparrow, Sharp-tailed  
     maritima, see Sparrow, Seaside  
 AMP, XVII-7  
Amphidinium carteri, V-254  
 amphipods, VII-17  
Amphithoc valida, XX-35  
Amphora sp. VI-83  
Ampelisca sp., X-32,33  
     abdita, X-19  
     agassizi, X-27,75  
     vadorum, X-19  
     verrilli, X-54  
Ampharete arctica, X-75  
 amphipods, XIV-34  
Amphiporeia virginiana, X-5  
Amphiprora hyperborea, VI-20,56  
Amphisolenia bidentata VI-20  
Amphora, sp. XX-17  
     ovalis, VI-57  
Anabaena cylindrica, XX-35  
Anachis translirata, X-29  
Anacystis sp., VI-61-70,80  
 Anadromous Fish Act, XI-71  
 anadromous fishes, IX-4,35  
 anaerobic photosynthetic bacteria, XVII-2  
Anas rubripes, see Duck, Black  
Anatinae sp. see Ducks, Dabbling  
Anchoa mitchilli, see Anchovy, Bay  
 Anchovy, Bay, IX-30,33,35,36,38

Ancient River Channel, XIX-129  
Ancistrosyllis groenlandica, X-14  
 Andover Forest Preserve, XIX-126  
Aneides aeneus, see Salamander, Green  
 Angels Bog & Fresh Pond, XIX-119  
 Angola Neck, XIX-109  
Anguilla rostrata, see Eel, American  
 animal-sediment relationships, X-54  
Anisakis sp., XIV-73 118  
     simplex, XIV-102  
     typicus, XIV-102  
Ankistrodesmus sp., VI-81  
     falcatus, VI-80  
 Anna River Area, XIX-143  
 Anne Arundel County, XIX-119  
 Annemessex Area, XIX-128  
 anoplurans, XIV-12  
 anoxic, VI-94; X-71 76  
     bottom water, IX-80  
 anthropogenic material, VIII-3,4  
     origin of hydrocarbons, V-18,115  
 antibiosis, XVII-73  
Antimora rostrata, V-246  
 antirain, VIII-8  
Apeltes quadracus, see Stickleback, Fourspine  
Aphredoderus sayanus, see Perch, Pirate  
 Appalachie Sanctuary, XIX-40  
 Appledore Island, X-6  
 Appleton Bog XIX-18,22  
 Appomattox River Area, XIX-142  
 Appoquinimink River--Blackbird Creek System, XIX-107  
 aquaculture, XIII-8; XIX-8  
 aquifer(s), II-95  
     recharge, XIX-138  
Aquila chrysaetos canadensis, see Eagle, Golden  
Arabis lyrata, see Rock-Cress. Lyre-leaved  
Arbacia punctulata, XX-68,73,80,87,112  
 archaeological significance XIX-151  
     sites, XIX-17  
Arctica islandica, see Quahog, Ocean  
Ardea herodias, see Heron, Great Blue  
 Areakonk Creek, XIX-88  
Arenaria interpres, see Turnstone, Ruddy  
Argentina silus, see Argentine, Atlantic  
 Argentine, Atlantic, XI-15

Argo Merchant spill, V-15,41,42,121,138,221,280,286. XX-137 138  
Argopecten irradians, XX-52,56,80,84  
Aricidea cerruti, X-63  
    quadrilobata, X-25  
Arlington County, XIX-153  
Armstrong Heronry, XIX-106  
Arrow-head, Slender, XVI-120  
Arrow tanker spill, XX-22,129,131,132,135  
arsenic (As), V-152,153,246; XIV-15,128  
Artemia salina, XX-67,70,71,79,82,83,85,86  
Arthrobacter sp. XX-20  
    marinus, XVII-74  
artificial reefs, XII-18,19  
    reintroduction, XVI-139  
Arundel Mountain Laurel Stand, XIX-36  
Ascidia ceratodes XX-110  
    nigra, XX-111  
Ascophyllum sp., XIII-2,29  
    maeltaii, XIII-11  
    nodusum, XIII-8,12,29  
Asio flammeus, see Owl, Short-eared  
    otus, see Owl, Long-eared  
Aspergillus sp. XIV-118  
Asproom Mountain Preserve, XIX-76  
Assateague Island, II-45; XIX-130  
    National Seashore, XIX-132  
Assawoman Wildlife Area, XIX-111  
assimilation ratio, VI-2,91  
associations, XIII-2  
Assumpink Creek, V-31  
Astarte borealis X-35  
    castanea, X-29,33  
    undata, X-29  
Asterias forbesi , X-24,33; XX-52,56,59  
    vulgaris, XX-129  
Asterionella sp., VI-40,22,78  
    formosa, VI-47  
    japonica, VI-22,37,38,61-70,71,72,83  
Asterolampra marylandica, VI-20  
Atkinson Reservoir, XIX-125  
Atlantic City, II-19  
    Generating Station, V-30,89  
    slope, VIII-9  
    States Marine Fishery Commission, XI-72  
atmosphere (ic), V-51,268,284  
    concentrations, V-51  
    input, V-51,54  
    transport, V-47,65,268



atomic absorption spectrometry, V-42,47,65  
 ATP Technique, XVII-6  
 Audubon Christmas Counts, XVI-140  
 Augustine Creek Marshes, XIX-106  
 Auk, XV-14  
Aurellia aurita, III-7  
 autotrophic bacteria, XVII-4  
 autumn bloom, VI-1,6  
 Ayre's Pond Dogwood, XIX-44  
Aythya americana, see Redhead  
     marila, see Scaup, Greater  
     valisineria, see Canvasback  
  
 Back Bay N.W.R. XIX-132  
     River, V-63,66  
 bacterial biomass, XVII-6  
     disease, XIV-114,116  
     lung infection, XIV-117  
     pour plate, XVII-2  
     respiration, X-29  
Bacteriastrium sp. VI-61-70  
     delicatulum, VI-17  
 bacteriophage, XVII-73  
 Bagaduce River, II-10  
Bairdiella chrysora, see Perch, Silver  
 Baisman Run Valley, XIX-120  
 baited hooks, XI-4  
 Baker Island, XIX-19,27  
Balaena mysticetus, see Whale, Bowhead  
Balaenoptera acutorostrata, see Whale, Minke  
     borealis, see Whale, Sei  
     musculus, see Whale, Blue  
     physalus, see Whale, Finback  
Balanus balanoides, X-5,6  
     improvisus, X-68,71  
 Bald Head Cliff, XIX-19  
 Bald Porcupine Island Natural Area, XIX-19,33  
 Ballard Marsh, XIX-43  
 Baltimore Canyon, III-2,159; IV-81,100: XIV-22,135  
     Canyon trough, II-61,63,64,79,92,93,94,97,98,99; V-174  
     Harbor, V-63,164,228; XX-20,21,22,127  
     Glass Works, XIX-121  
     Highlands, XIX-120  
Baptisia australis, see Wild-Indigo, Blue  
 Barberville Falls, XIX-88

Barium (Ba), V-61; XX-49,146  
 Barkers Landing, XIX-111  
 Barley Field Preserve, XIX-88  
 Barnegat Bay, V-197,200  
     N.W.R., XIX-96  
 Barnstable Harbor, Massachusetts, X-17; XIX-59  
 barometric pressure, III-1  
 Barred Island, XIX-19,22,28  
 Barren Pond, XIX-129  
 Barrett Preserve, XIX-76  
 barrier islands, II-2,3,4,6,8,15,17,19,21,22,36,37,45,48,50,52,  
     55; XIX-149,151  
 Barrington River Marshes, XIX-67  
     Dogwood, XIX-41  
     Gum Swamp, XIX-41  
 Bartlett Woodland, XIX-71  
Bartramia americana, see Sandpiper, Upland  
 baseline studies, X-7,19,30,32,57,70,72,81  
 basement, II-11,63,68,73,87  
 basins, X-13  
 Basket Island, XIX-19,22  
 Bass Rock Preserve, XIX-22  
 Bass, Striped, V-91; IX-28,36,42,58,59,73,81; X-80; XI-37,38,52,  
     82,86; XII-1,3,6,8,15,16,20,21; XX-32,40  
 Bat, Grey, XVI-113  
     Hoary, XVI-26  
     Indiana, XVI-26,39,56,70,83,88,93,107,113,132,136,142,145,147,  
     150,152  
     Recovery Plan, XVI-133,137,143  
     Keen's, XVI-56,83  
     Small-footed, XVI-56,83  
     Virginia Long-eared, XVI-107  
 bathymetric maps, II-61  
     surveys, II-81  
Bathyporeia quoddyensis, X-5  
 Battle Creek Cypress Swamp, XIX-112,115,121  
 Bay Farm, XIX-109  
 Bay of Fundy, V-10,11,68; XV-13,48; XVII-1  
 Bayberry (Candleberry), XVI-117  
 baymouth barriers, II-8,15,21,48  
 bays, XV-12  
     open, X-76  
 beach(es), XV-7; XIX-136,151  
     boulder, X-6  
     cobble, X-6  
     erosion, V-183  
     gravel, X-6  
     sand, X-5,6; XV-11; XVI-147; XIX-75

transgressive barrier system, II-21,40  
 Beach Grove, XIX-73  
 Haven Inlet, New Jersey, V-61,62  
 Island, XIX-33  
 Plum Island, XIX-109  
 Bear, Black, XVI-56,83,98  
 Beards Creek, XIX-119  
 Beaver Creek, XIX-102  
 Run Shelter, XIX-120  
 Beaverbrook Valley, XIX-50  
 Beaverdam Branch, XIX-108  
 Beavertail Point, XIX-69  
 bedform, II-2,3,10,11,52  
 bedrock, X-8  
 behavioral effects, VII-2  
 Bell Farm, XIX-129  
 Bellamy River, XIX-43  
 Hardwoods, XIX-41  
 Bellefonte Woods, XIX-104  
 Bellfield, XIX-119  
 Benedict Preserve, XIX-27  
 Bennett Point, XIX-126  
 Benson Natural Area, XIX-127  
 benthic algae, XIII-9,11,25,29  
 behavior, X-79  
 flora, XIII-12,23,27,36  
 intertidal, X-17  
 invertebrates, IX-73; X-65; XI-2  
 macroalgae, XIII-1,13,14  
 marine algae, XIII-6,15  
 marine flora, XIII-1,13,25,27,28  
 marine macroflora, XIII-1,34,37  
 micro-organisms, X-27  
 organisms, V-178,236  
 pelagic coupling, X-2  
 plant community, XIII-1,28,35  
 populations, XIII-36  
 Berger Memorial Sanctuary, XIX-134  
Beroe ovata, VIII-7  
 Berwick Bearberry Stand, XIX-18  
 Beryl Run/Beli Creek, XIX-122  
Biddulphia sp., VI-77,82  
alcermans, VI-17  
aurita, VI-17,20,38,39  
biddulphiana, VI-57  
favus, VI-82  
granulata, VI-82  
regia, VI-82

rhombus, VI-82  
sinensis, VII-18  
 Big Coombs Island, XIX-28  
   Cypress Swamp, XIX-130  
   Elk Creek Woods, XIX-123  
   Garden Island, XIX-19,22  
   Mill Pond, XIX-130  
   Reed Pond, XIX-83  
   White Island, XIX-19,22  
   Woods Conservation Area, XIX-126  
 Bigs Farm, XIX-106  
 Biles Island, XIX-100  
 biochemical pathways, VI-47  
 bioconcentration pattern, XX-4,5,37  
 biodegradation, V-12; XX-20,21,22  
 biogenic hydrocarbons, V-18,235  
 biological oxygen demand (BOD), V-181  
   phases, IX-2  
 biomagnification, V-214,255; XIII-34,38; XX-5  
 biomass, VI-21,71,88; IX-46,69; XIII-2,7,8,12,23,35,36  
   studies, XI-70  
 biostatistical programs, XII-17  
 bioturbation, V-124; X-27  
 bird-breeding islands, XIX-75  
 Bitterbloom, XVI-117,120  
 Bittern, American, XVI-4,49,78,147  
Bittium varium, X-68  
 Black Estate, XIX-121  
   Marsh, XIX-121  
   Mountain, XIX-19  
   Point, XIX-63  
   Sea, VII-16  
   Woods-White Woods, XIX-103  
 Blackstone River, IV-121  
 Blackwalnut Point, XIX-128  
 Blackwater Creek, XIX-110  
   N.W.R., XVI-144 XIX-114  
 Bladderwort, Hidden-fruited, XVI-120  
   Piedmont, XVI-120  
 Blagden Preserve, XIX-19,22  
 Blanchard White Pine, XIX-33  
 Blanco Ditch Outcrop, XIX-107  
Blanina telmalestes, see Shrew, Dismal Swamp  
Blastomyces sp. XIV-118  
 Blink Horn Creek, XIX-124

Block Island, X-27; XV-13; XIX-70  
   Sound, IV-67,68,122,128,145 XVII-33  
 blowout, XV-29  
 Blue List, XVI-2,12  
 Bluebell Meadow Island, XIX-119  
 Bluebird, Eastern, XVI-23,37,49,78  
 Bluefish, IX-9,16,28,29,31,33,36,38,42,59,72,73,78,81; XI-37,  
   86; XII-1,3,6,8,20,21  
 bluffs, XIX-136,151  
 Blydenburgh Sanctuary XIX-88  
 boat launching areas, XIX-151  
 Bobcat, XVI-83,98  
 Bobolink, XVI-78  
Boccardia hamata, X-68  
 Bodman bottle, V-15  
Bolocera tuediae, X-14  
 Bombay Hook N.W.R., XIX-101,107  
 Bond Natural Area, XIX-76  
 Bonnett Point Area, XIX-69  
Boreogadus saida, see Char  
 Bos Knee Point, XIX-128  
 Boston Harbor, V-12,13,44,67,114,140,143,144,145,146,238,279  
Botaurus lentiginosus, see Bittern, American  
 bottom transport, II-83  
 boundary conditions, VII-2  
 Bowdish Reservior Floating Bog, XIX-62  
 Bowfin, XVI-90  
 Boyce Estate, XIX-134  
 Boyd Pond, XIX-119  
Brachiomonas submarina, VI-81  
 Bradbury Island, XIX-22  
 Brandywine Creek, XIX-103  
   Vista, XIX-111  
 Branford Land Conservation Trust, XIX-76  
 Brant, XV-20,27,31,151,152,153,216,232,233  
Branta bernicla, see Brant  
   canadensis, see Goose, Canada  
Braunia sp., XIV-118  
 breaker height, II-30  
 breakwaters, XV-11  
 breeding, XV-26,27,205; XVI-2  
   program, XVI-139  
   sites, XV-115-136  
Brevibacterium sp. XX-20  
   erythrogenes, XX-22  
Brevoortia tyrannus, see Menhaden, Atlantic

Brewer Pond, XIX-119  
 Brick Kiln, XIX-119  
 Brigantine N.W.R., XIX-96  
 Briggs Marsh, XIX-68,73  
 Brinckerhoff Nature Preserve, XIX-76  
 Bringhurst Woods, XIX-104  
 Brinsfield Indian Village Site, XIX-124  
 Broad Creek, XIX-110  
     Steatite Quarry, XIX-125  
 Broadkill River, VII-14  
 Bromine (Br), XVII-72  
 Brown (Archibald Manning) Preserve, XIX-88  
     (John Francis) Ravine, XIX-72  
     Memorial Sanctuary, XIX-88  
 Browns Bank, XI-2  
     Branch, XIX-108  
 Brown's Mill Bog, XIX-41  
 Brunn Theory, II-17,52,55  
 bubbling, VIII-4,6  
Bubulcus ibis, see Egret, Cattle  
Bucephala albeola, see Bufflehead  
     clangula, see Goldeneye, Common  
 Buena Vista, XIX-111  
 Bufflehead, V-231  
Bugula sp., XX-72  
     neritina, XX-84,112,115  
 Bulgaria, XI-30  
 bulk water, VIII-1,2,3,4,5,7,8,9,10,14  
 bulkheading, X-76  
 Bull Mountain Wilderness Area, XIX-113,123  
 Bullhead, Black, XVI-32  
     Brown, IX-35  
 Bulrush, Olney's, XVI-120  
 Burbot, XVI-32,46  
 Burgess Creek, XIX-124  
 burial, X-76  
 Burnham Brook Preserve, XIX-74,76  
     Marsh, XIX-43  
 burning, XVI-148  
 Burrows Run Valley, XIX-103  
 burying, XVI-147  
Busycon canaliculatum, see Whelk, Channeled  
Buteo limatus, see Hawk, Red-shouldered  
 Butler-Huntingdon Woods, XIX-86,88  
 Butler Rhododendron Sanctuary, XIX-18,23,34

Butterfish, IX-9,13,29,31,42,46; XI-16,71  
 Butterfly Hessel's Streak, XVI-114  
     Karner Blue, XVI-71  
     Rare Skipper, XVI-144  
 Butterworth Nature Preserve, XIX-76  
 Buzzard's Bay, V-13,112,114,115,116,117,118,119,121,138,152,183,  
     185,186,238,279; X-19,27,29,59 XX-138  
 by-catch, XI-4,73  
Byblis serrata, X-63  
 Bye Preserve, XIX-88  
 Byram River Gorge, XIX-76  
  
 Cabin John Creek Marshes, XIX-123  
 "Cabin Woods" Granogue, XIX-102  
 cables, XVIII-1,43  
 Cadmium (Cd), V-42,44,47,48,54,55,59,61,65,66,88,93,140,142,145,  
     146,152,153,161,164,168,172,237,238,239,242,243,244,246;  
     XIII-33; XIV-15,125,128; XX-23,48,49-63  
Caeca sp., X-5  
Calamovilfa brevipilis, XVI-120  
Calanus sp., V-221 VII-4,9,11,18  
     fimmarchicus, V-223 VII-5,7,8,10,11,12,16,17; XIV-21,22,27,34  
     helgolandicus, VII-5,17,18  
     hyperboreus, VII-11,17  
     pacificus, VII-4  
     plumchrus, VII-10,17; XX-136  
 Calcium (Ca), V-66,244 XVII-72  
Callinectes sapidus, see Crab, Blue  
Callorhinus ursinus, see Seal, Northern Fur  
 caloric content, VII-11  
 Calvert Cliffs, Maryland, V-65; X-67; XIX-122  
     formation, XIX-119  
Calycomonas ovalis, VI-81  
 Camden Hills State Park XIX-29  
 Camp Mohawk, XIX-121  
     Two Natural Area, XIX-18  
Campula sp., XIV-118  
     oblonga, XIV-102  
Canachites canadensis, see Goose, Spruce  
 Canada, XI-30; XVII-52  
 Canary Creek Marsh, XIX-109  
Cancer borealis, see Crab, Johah  
     irroratus, see Crab, Rock  
Candida sp., XIV-118; XVII-17  
Canis latrans, see Coyote  
     lupus lycaon, see Wolf, Eastern Timber  
 Canoe Neck Point, XIX-127

Canvasback, V-231 XVI-4  
 Cape Ann, V-145,146,147; X-5  
 Cape Cod, III-2,92; IV-33,67; V-11,12,120,147; XVII-19; XX-128,  
 137  
     Bay, X-59; XVII-24  
     National Seashore, XIX-48  
     Sanctuary, XIX-49  
     Outer, II-8  
 Cape Hatteras, IV-7,85,102; V-4,11,37,245; XI-1,2,10; XVII-1;  
 XX-10  
     National Seashore, XIX-157  
 Cape Henlopen, IV-37,51; X-54 XIX-109,111  
 Cape May, II-15; IV-67,150  
     Bird Observatory, XVI-131  
 Cape Newagen, VI-47  
 Cape Sable, IV-9,16  
 Capelin, XIV-27,28,39,44,77,106; XV-10  
 Capisis Marsh, XIX-40  
Capitella sp., XX-56  
     capitata, X-25,50,54,75; XX-7,26,33,54,56,67,70,78,82,83,98,99,  
     103,104,106,111,112,114,115  
 captive propagation, XVI-139  
 carbon assimilation, VI-57  
     budgets, X-77  
     determinations, XVII-24  
     dioxide, VI-1  
     -14, V-123 VI-2,54  
     -14 dating, V-33,123  
Carcharodon carcharias, see Shark, White  
Carcinus maenas, see Crab, Green  
 Card Pond's Complex, XIX-68  
Cardita borealis, X-29,54  
Caretta caretta caretta, see Turtle, Atlantic Loggerhead  
Carex arenaria, see Sedge, Sand  
     exilis, see Sedge, Coast  
 Caribou, XVI-26  
 Carolin's Grove, XIX-89  
 Carp, Scaled, IX-35  
 Carpenter Woods, XIX-102  
Carphophis a. amoenus, see Snake, Eastern Worm  
 Carroll Island, XIX-120  
 Carrying Place Cove Bog, XIX-18  
 Carson (Rachel) N.W.R. XIX-29  
 Cartersville-Howard's Neck District, XIX-143  
 Casco Bay, V-12,219; VI-47; XX-133



casein hydrolyzate medium, XVII-14  
Casmerodius albus, see Egret, Great  
Cassidinidea lunifrons, X-68  
Cassidix mexicanus, see Grackle, Boat-tailed  
 Castle Hill Natural Area, XIX-130  
 catch levels, XI-18  
Catenochrysis (=Chrysodidymus) gracilis, VI-81  
 Catfish, Channel, V-236; IX-35; XVI-32  
     White, IX-35; XVI-32  
Catharacta sp., see Skua  
Catharus ustulatus, see Thrush, Swainson's  
Catoptrophorus semipalmatus, see Willet  
Catostomus catostomus, see Sucker, Longnose  
 cave, XIX-138  
 Cedar Creek, XIX-108  
     Island, XIX-97,135  
         Wildlife Management Area, XIX-128  
     Point, XIX-119,124  
     Swamp, XIX-107  
 cell counts, VI-47  
Cemophora coccinea, see Snake, Northern Scarlet  
 central pressure, III-59,94,95  
Centropages hematus, V-223; VII-12  
     typicus, V-223 VII-7,10,12  
Centropristis striata, see Seabass, Black  
Centurus carolinus, see Woodpecker, Red-bellied  
Cephus grylle, see Guillemot, Black  
Cerastoderma pinnulatum, X-29  
Cerataulina bergonii, VI-17,83,89  
     pelagica, VI-61-70  
Ceratium affinis, VI-19,38  
     arcticum, VI-20  
     bucephalum, VI-77  
     declinatum, VI-20  
     extensum, VI-20  
     furca, VI-19,85; VIII-10  
     fuscus, VI-19,57,77,78,85  
     kofoidi, VI-20  
     lineatum, VI-19,20,58  
     longipes, VI-19,20,48,58,72,78  
     macroceros, VI-19,20,85  
     massiliense, VI-20  
     minutum, VI-77  
     subtile, VI-19  
     symmetricum, VI-57  
     trichoceros, VI-20  
     tripos, VI-19,57,59,71,77,78,85  
Cerebratulus sp., X-9

lacteus, X-77  
Cerianthus americanus, X-49,50  
 cestodes, XIV-12,30,44,115,118  
 cetaceans, XIV-1,6,113,116,118,119,121,128,131,132,133,134  
Cetorhinus maximus, see Shark, Basking  
Chaetoceros sp., V-250; VI-22,23,48,59,61-70,78,83; XX-18,136  
     affinis, VI-17,37,48  
     atlantica, VI-17,20  
     borealis, VI-17  
     compressus, VI-17,20  
     convolutus, VI-17,20  
     curvisetus, VI-20  
     deblis, VI-17,20,22,37,38,39,47,48  
     decipiens, VI-17,48,83  
     lorenzianus, VI-22,37  
     simplex, VI-56,83  
     socialis, VI-17,20,22,37,38,39  
     teres, VI-77  
     wighami, VI-20  
 chaetographs, IX-73  
Chaetomorpha melagonium, XIII-11  
Chaetozone setosa, X-25  
 chaff-seed, XVI-120  
 Chalk Point, XIX-120  
 Chancellor's Point, XIX-115  
 Chandler Rhododendron Stands, XIX-34  
 Chapel Point, XIX-123  
 Char, XIV-106  
Charadriiformes sp., see Shorebirds  
Charadrius melodus, see Plover, Piping  
     wilsonia, see Plover, Wilson's  
 Charles County, XIX-123  
     River, V-12,46,114,115,138,178  
 Charlestown Pond, Rhode Island, X-59,68; XIX-63  
 Chat, Yellow-breasted, XVI-4  
 checklist and transect studies, XIII-6  
 Chedabucto Bay, XX-22,129,132,135  
Chelonia mydas mydas, see Turtle, Atlantic Green  
 Chelsea River, V-46  
 chemical(s), XVI-2  
     composition, VII-8  
     oxygen demand (COD), V-181; X-30  
     properties, II-68  
     wastes, V-51  
 chemolithotrophs, XVII-2

chemoorganotrophs, XVII-1  
chemotaxis, V-219  
Cherryfield Mountain Laurel Stand, XIX-35  
Point, XIX-127  
Chesapeake Bay, IV-84; V-31,33,35,36,63,64,65,67,75,76,77,78,79,  
84,90,94,133,164,207,211,228,242,247; VI-79; VII-13; VIII-4,10;  
IX-35,36,38; X-2,59,63,66,68,70,72; XI-2,43; XIII-35; XVII-37;  
XVIII-12,15; XX-20,21,22,127  
Center, XIX-114  
fishery, XI-42  
runoff, IV-84  
shorelands, XIX-145,146  
spill, V-233  
wetlands & bluffs, XIX-149  
Chesapeake Bight, IX-38  
Canal, IX-35  
Chester Cedar Swamp, XIX-64  
River, V-84,94; XIX-126  
Chestnut Hill, XIX-105  
Ridge, XIX-103  
Chicamuxen Creek, XIX-124  
Chickahominy River Area, XIX-131,142,148  
Chicken Millpond Jack Pine, XIX-18  
Chilidonias niger, see Tern, Black  
Chincoteague Inlet, V-239  
N.W.R. XIX-112  
chitin-hydrolyzers, XVII-37  
Chlamydia sp., XIV-35  
Chlamydomonas sp., VI-81; XX-16  
Chlorella sp., XX-16  
    autolrophica, XX-17  
    pyrenoidosa, XX-35  
Chlorine (Cl), VI-93; XVII-72  
Chlorococcales sp., VI-81  
chlorophyll, VI-6,21,40,46,58,71,77,79,87,90,93  
    -a, VI-2,54  
    maximum, VI-21  
Cholodny technique, XVII-5  
Chondrilla nucula, XX-110  
Chondrus crispus XIII-6,7,8  
Choptank Conservation Area, XIX-122  
    River Area, X-67; XIX-115,122,128  
Chordeiles minor, see Hawk, Night  
Chowan Swamp, XIX-158  
Christina Creek, XIX-105

Christinsen Basin, X-76  
 Chromium (Cr), V-42,44,47,48,51,55,61,65,88,93,140,142,145,146,  
 147,149,152,153,155,157,161,167,174,237,240,242,243,244,246  
 XX-23,96-101,146  
 chronic toxicological studies, XX-48  
Chroomonas sp., VI-84,93  
Chrysaora quinquechierrha, VII-7  
Chrysemys robinetrus bangsi, see Turtle, Plymouth Red-bellied  
Chrysochromulina sp. VI-78,81  
 Chub, Lake, XVI-32  
 Church Preserve, XIX-86,89  
Cingula aculeus, X-9  
Ciona intestinalis, XX-110,111  
 circulation, X-25,80  
Circus cyaneus, see Hawk, Marsh  
Cirolana polita, X-63  
Cirratulus cirratus, XX-134  
Cirriformia tentaculata, XX-134  
 Cisco, XIV-106; XVI-67,90  
Cistothorus platensis, see Wren, Short-billed Marsh  
Citharichthys stigmaens, see Sandab  
Cladopyxis caryophyllum, VI-20  
Cladosporium resinae, V-228  
 Clam, Hard, V-89,154,213,227; X-25,27; XI-4,15,37,49,82,85;  
 XII-1,8; XX-9,45,68,70,71,80,84,86,92,93,94,104,106,112,115,116  
 Soft, V-89,213,219,221,227,237; X-8,19,63; XI-4,15,22,37,46,52,  
 82; XII-1; XX-9,14,37,38,39,40,41,52,56,64,68,71,74,92,93,94,  
 104,106,112,115,116,126,131,133  
 Surf, V-234,235; X-28,33,34,49; XI-4,38,49,52,82  
 dredge, X-33  
 larvae, VII-13  
Clangula hyemalis, see Oldsquaw  
 Clark Sanctuary, XIX-89  
 classification, XIX-8  
 Clausland Mountain, XIX-89  
 clay, X-54  
Clemmys insculpta, see Turtle, Wood  
muhlenbeigii, see Turtle, Bog  
 Cliff Walk, XIX-69  
 climatic change, IX-69  
 climax communities, XIX-12,136  
Clithrodiscus luteus, V-254  
Clostridium botulinum, XVII-61,62  
 cloud cover, III-1,26,59,178  
 Clough Nature Preserve, XIX-89

Clupea harengus, see Herring, Atlantic  
 Clyde Farm, XIX-105  
Clymenella sp., X-63  
     torquata, X-49  
 Coast Guard Beach, XIX-54,56,57  
 coastal environments, XIX-133  
     front, III-134,135,136  
     marine areas, XIX-150  
     ponds, XIX-64  
     runoff, IV-9; V-51  
     zone, XIX-155  
         management, XIX-49,100  
 Coatue Beach, II-15  
 Cobalt (Co), V-145,240,243  
 Cobb Island, XIX-135  
 Cobscook Bay, X-7  
     State Park, X-29  
Coccolithis elabens, XX-17  
Coccolithaceae sp., VI-81  
 coccolithophores, VI-1,11,16  
Coccolithus huxleyi, V-249; VI-18,20,16  
     pelagicus, VI-18,20  
Coccyzus americanus americanus, see Cuckoo, Yellow-billed  
 Cocheco River, IV-113  
Cocconeis sp., VI-61-70,83  
Cochlodinium sp., V-91  
     splendens, VI-89  
 Cocumscussoc Brook Reserve, XIX-72  
 Cod, Atlantic, V-222; IX-27,29,31,55,73 XI-4,15,18,21,29,30,46,48;  
     XII-1,3,8; XIV-39,44,61,66,77,101,115,118; XX-27,32  
Codium fragile, XIII-7,11  
 Coffin (Robert Tristram) Wild Flower Preserve, XIX-21  
 Colby-Marston Bog, XIX-27  
 cold pool, IV-34,60,88  
 Colgate Creek, V-136,164,174,228,229; XX-127  
 College Woods, XIX-37  
 collision(s), XVIII-12,12,14  
     hazard, XV-29,48  
 Colonial National Historical Park, XIX-132  
 colonization, X-68  
 Colson Preserve, XIX-42  
 Columbia Formation, Kitlen Pond, XIX-108  
 column chromatography, V-13,41,111,128  
 Commercial Fisheries Research and Development Act, XI-71  
     fishery, XI-5; XIX-152

common colonial species, X-16  
   property resource, XI-5,9,58  
 community, X-70  
   destruction, XIII-27  
   organization, X-6  
   progression, X-54  
   structure, X-78,81; XIII-27; XV-6  
   study, X-54  
   types, XII-15  
 compensation depth, VI-1  
 competition, VII-2; XVII-33  
   interspecific, X-6  
   intraspecific, X-6  
 competitive behavior of microbial population, XVII-68  
 composition, XIII-23  
   elemental, VII-9  
   floristic, XIII-2,15  
 computer classification techniques, X-8,17,80  
   clustering, X-70  
   models, VII-21  
   simulation of oil spills, V-33  
 concern factors, XV-26,27  
   matrices, XV-2,5,16,18,47  
 Concord Lands, XIX-50  
 Connecticut, XVI-43; XVII-33; XIX-64  
   landings and value, XI-48  
   natural areas, XIX-75  
   River, IV-140; V-95,96,97,99; VII-20; XIX-64  
 Conowingo Natural Area, XIX-123  
   Prehistoric Indian Site, XIX-123  
Conradilla caelata, see Mussel, Birdwing Pearly  
 Conservation and Management Act, XI-67,70,71,82. XII-6  
 conservation zone, XI-67  
 construction, XV-28  
   and demolition debris, XVIII-21  
 Consumers, X-78  
 contamination, XV-12  
 continental shelf, VI-14; X-30,78  
   break, IV-1,38,39,59,88  
   wave climate, II-21,51  
 control(s), XX-7,8,9,12,14,25,42  
 Cool Springs, XIX-127  
 cooling, XIX-161  
 copepod(s), V-223,224; VI-73; VII-17; IX-73 XIV-27,34,35  
   grazing, VI-70  
 Copper (Cu), V-42,44,46,47,48,54,55,58,61,63,65,66,88,89,93,111,  
   124,140,142,145,146,147,150,152,153,155,156,161,166,174,237,  
   238,242,243,244,246,281; XIII-33,34; XX-12,23,46,63-76

Corbit-Sharp House, XIX-111  
 Corcoran Tract, XIX-115,119  
Cordylophora caspia, X-71  
 core(s), V-120,123,124,137,145,183,184  
   samples, V-141,142,145,147  
Coregonus alpenae, see Cisco, Long jaw  
   artedii, see Cisco  
   culpeaformis, see Whitefish, Lake  
Corethron sp. VI-61-70  
   hystrix, VI-17,20  
Corinthos spill, V-128  
 Cormorant, XV-11  
   Double-crested, V-91,231; XV-2,12,13,26,31,32,33,116,149,150,  
   214,232; XVI-4  
   Great, XV-2,27,30,33,148,215,232  
   Point Wildlife Refuge, XIX-65  
 Cornfield Point, XIX-127  
Corophium lacustre, X-68,71  
   volutator, X-8  
Corvus ossifragus, see Crow, Fish  
Coscinodiscus sp., VI-58,59,61-70,72,77,78,82  
   asteromphalus, VI-17  
   centralis, VI-17,48  
   excentricus, VI-17  
   lacustris, VI-93  
   lineatus, VI-20,82  
   marginatus, VI-17  
   radiatus, VI-82  
 COST (Continental Offshore Stratigraphic Test), II-60  
   No. B-2 Well, II-64,87,93,94  
   Wells, II-91,92,94,96  
 Cottrell Marsh, XIX-77  
Cottus cognatus, see Sculpin, Slimy  
Coturnicops noveboracensis, see Rail, Yellow  
 Cougar, Eastern, XVI-17,26,39,56,63,70,83,93,98,107,113,132,133,  
   142,145,150  
 Coursey Pond, XIX-108  
 Cousin's Island, VI-47  
   Preserve, XIX-27  
 Cove Point, XIX-121  
 Coverdale Farm Woods, XIX-103  
 cover type, XIX-37  
Covesius plumbeus, see Chub, Lake  
 Cow Island, XIX-19  
   Sanctuary XIX-40  
 Coyote, XVI-40  
 Crab, Blue, V-94; X-63; XI-4,15,37,38,49,52; XII-1,8 XIV-51,106;  
   XX-3,40,45,54,57,62

Green, XX-51,56,57,58,61,67,71,79,83,112,114,115  
 Jonah, XI-71  
 Porcelain, XX-79,84,86,88  
 Red, V-245,246: XI-4,71  
 Rock, V-239,240,241,243; XX-9,13,51,57,58,61,129  
 zoea, VII-17  
Cracilaria sp., XIII-14  
Crangon crangon, XX-67,71,79,83,122  
   septemspinosa, X-24; XX-3,9,51,56  
 Crappie, White, XVI-32  
Crassicauda sp., XIV-73,118  
   grampicola, XIV-73  
Crassostrea gigas, see Oyster, Pacific  
   virginica, see Oyster, American  
 creel census, XII-3,4  
Crenella glandula, X-29  
Crepidula convexa, X-68  
   fornicata, X-24,28  
 Crescent Beach, XIX-19,29  
Cricosphaera carterea, XX-78  
 criteria, XIX-136  
 critical areas, XIX-17,133  
   depth, VI-13  
   habitat, XVI-147; XIX-75  
 Croaker, IX-36; XI-52; XX-12  
Crocethia alba, see Sanderling  
 Crocket Cove Woods, XIX-19,23  
Crotalus horridus, see Rattlesnake, Timber  
 Crow, Fish, XV-4  
 Crows Nest Point Area, XIX-144  
 Crozier Area, XIX-143  
 Cruikshank Wildlife Sanctuary, XIX-40  
 cruise ships, XVIII-11  
   tracks, XV-5,99,114  
 crustaceans, IX-73; XIV-15,21,22,27,39,86; XIX-150  
Cryptomonas acuta, VI-78,84  
Cryptotis parva, see Shrew, Least  
Crytobranchus alleganensis alleganensis, see Salamander,  
   Hellbender  
 ctenophores, VII-6,17  
 Cuckoo, Yellow-billed, XVI-4  
 cultural method of enumeration, XVII-3  
 Cunner, IX-25,28,29,31,33,43; X-79; XII-19; XX-52,54,59,60  
 Curlew, Eskimo, XVI-24,37,49,62,68,78  
 current(s), XV-10,16,43; XVII-24  
   bottom, II-72,83  
   meters, V-179  
   velocity, IX-69



Cushman Preserve, XIX-89  
 cusped spit, II-15,17  
Cyanea capillata, VII-7  
Cyanophyceae sp., VI-85  
Cyclococcolithus leptoporus, VI-18,20  
Cyclotella sp., VI-58,59,61-70,78,82,93  
     caspia, VI-89  
     nana, V-254; VI-57  
     striata, VI-57,93  
 Cylburn Park, XIX-121  
Cylindrotheca sp., XX-17  
Cylichnella oryza, X-29  
Cylindrotheca closterium, VI-57,61-70  
     gracialis, VI-57  
Cymmodinium splendens, VI-89  
Cymodocea, spp. XIX-8  
Cynoscion regalis, see Weakfish  
Cyperus dentatus, see Flatsedge, Toothed  
 Cypress Branch, XIX-125  
     Swamp, XIX-101  
Cyprinodon variegatus, see Minnow, Sheepshead  
Cyprinus sp., see Carp, Scaled  
Cystophora cristatae Seal, Hooded

Dace, Finescale, XVI-22  
     Northern Redbelly, XVI-32  
     Southern Redbelly, XVI-90  
 damage, III-115,116,147; XIII-28,29,30,31,32  
 Damariscotta estuary VI-39  
     River, X-8  
 Damariscove Island, XIX-19  
 damming, XVI-147  
 Darter, Eastern Sand, XVI-90  
     Johnny, IX-35  
     Least, XVI-90  
     Longhead, XVI-90  
     Maryland, XVI-95,133,134,136,137,150,151  
     Recovery Plan, XVI-134,137  
     Slenderhead, XVI-90  
     Swamp, XVI-32,91  
     Tippecanoe, XVI-91  
 data adequacy, XV-98  
     inadequacy, XV-26,27  
     reliability, XV-43  
 Davenport Sanctuary XIX-86,89

Davis Memorial Wildlife Refuge, XIX-65,71  
     Sanctuary, XIX-86,89  
 day length, VI-41,42,43,44,45,46,47,48,49  
 Dayton Natural Area, XIX-18  
 DDE, XV-12,13,14  
 DDT, XIV-12,15,30,44,49,66,68,81,86,96,107,121,124  
 Deal Island Wildlife Management Area, XIX-128  
 DeAngelo Tract, XIX-99  
 death, XIII-28  
 Deblois Barrens, XIX-18  
 Deep Cove Creek, XIX-120  
     Gut, XIX-106  
     Landing, XIX-121  
 deepwater dump site, V-245  
     ports, XIX-165  
 Deer Creek, XVI-135; XIX-125  
 degradation, V-230,233; XX-22,23  
 Delacorte Property, XIX-77  
 Delafield Cove, XIX-77  
     Woods Preserve, XIX-86,89  
 Delano Hill Luminous Moss Cave, XIX-34  
 Delaware, XVI-100,134  
     Bay, II-40,41,42,43,44; V-31,61,74,75,127,130,161,164,200,242;  
     VII-6; X-2,54,56,57,58,59,60,61,64,76; XI-2  
     dump site, V-243  
     Canal, IX-35  
     estuary, V-127,131,138,279  
     landings and value, XI-49  
     River, IV-49; IX-35; X-54,61; XVIII-4,12,15  
     Oyster Reefs, X-55  
     State College Woods, XIX-107  
 delicate reds, XIII-30  
 Delmarva peninsula, X-67,71  
Delphinapterus leucas, see Whale, Beluga  
Delphinus delphis, see Dolphin, Common  
 Democrat Point, II-17  
Dendrocopos borealis, see Woodpecker, Red-cockaded  
     villosus, see Woodpecker, Hairy  
Dendroica cerulea, see Warbler, Ceruleau  
     coronata, see Warbler, Myrtle  
     magnolia, see Warbler, Magnolia  
     petechia, see Warbler Yellow  
     pinus, see Warbler, Pine  
 Denmark Sassafras Stand, XIX-36  
 Dennis Farm Preserve, XIX-77

Dentalium entale, X-8  
 depth, IX-69  
 deposit feeders, X-17,25,27  
 depositional history, II-68,82  
Dermodochelys coriacea coriacea, see Turtle, Atlantic Leatherback  
 DeRopp Sanctuary, XIX-90  
Desmognathus ochrophaeus, see Salamander, Mountain  
 detergent(s), XIII-29,32  
     spraying, XIII-29  
Detonula sp., VI-40  
     confervaceae, VI-48,82  
 detritus, VII-5  
     flow, XIII-24  
     food webs, X-32  
 development, XIII-24  
 dieldrin, XIV-15,44,66,68,81,86,96  
 Dill Farm, XIX-108  
Dewarestia viridis, XIII-31  
Diadumene leucolena, X-71  
 diatoms, VI-1,10,47,71,76,92  
Dichtyocha sp., VI-61-70  
 dilution blanks, XVII-3  
 dinoflagellates, VI-1,11,73,76,85,92  
Dinophysis sp., VI-61-70  
     acuminata, VI-57  
     acuta, VI-20  
     arctica, VI-20  
     fortii, VI-20  
     lenticula, VI-57  
     norvegica, VI-19,20  
     schuetti, VI-20  
Dipetalonema spirocauda, XIV-114  
Diplanthera sp., XIX-8  
Diploneis sp., VI-61-70,83  
Diplopsalsis lenticula, VI-57  
 direct microscopic techniques, XVII-5  
 discharge, VI-47  
 disease, XIV-3,113,115,116,117,118; XV-11,17  
     viral, XIV-113,116  
Discosphaera tubifera, VI-18,20  
 Dismal Swamp, XIX-131  
 displacement, XVI-149  
 dissolved, V-17,44-61  
     gases, XVII-71  
     organic carbon, XVII-10  
     oxygen, V-90,93,179,180; VI-87; XX-2,3,4,11,12,28,49  
 distant-water fleets, XI-9

Distaplia occidentalis, XX-110  
Distephanus sp., VI-61-70  
   speculum, VI-58,61-70  
 distribution, VIII-1; IX-5; X-27,81; XIII-1,6,11,12,15,19,22,34,35; XIV-1,6,13,16,17,22,28,30,35,39,44,49,53,57,62,66,68,74,77,81,86,88,93,96,102,107,110,111  
   density, IX-9  
   maps, XV-42  
   patchy, VI-21; VII-2  
   patterns, IX-17  
   spatial, XIII-15  
   vertical, V-145; VII-2  
 ditching, XVI-147  
Ditylum brightwellii, VI-17,83  
 diurnal activity, IX-43  
   changes, IX-42  
   pattern, X-79  
 diversity, VI-2,76; IX-42; X-7,63; XIII-1,2,8  
   genetic, XIX-2  
   measurements, VII-60  
 Dividing Creek Watershed, XIX-127  
 Dogfish, Smooth, IX-29,31  
   Spiny, V-243; IX-25,27,29,51,73; XI-71  
 Dole's Marsh, XIX-43  
Dolichonyx oryzivorus, see Bobolink  
 Dolly Boarmans Creek, XIX-123  
 Dolphin, Atlantic White-sided, XIV-68,70,71,72,73,74,118,119,120,132,133,135  
   Bottlenose, XIV-6,81,82,83,84,85,86,116,117,132,135  
   Common, XIV-77,78,79,80,81,93,132,135  
   Cuvier's, XIV-88,93,132  
   Long-snouted, XIV-126,132  
   Pacific, XIV-91,118,132  
   Risso's, XIV-86,87,88,89,132,135  
   Rough Toothed, XIV-111,113,119,132  
   Spotted, XIV-88,9,91,92,132  
   Striped, XIV-93,94,95,96,132  
   White Beaked, XIV-74,75,76,77,120,131,132,133,135  
 Dome Island Memorial Sanctuary, XIX-90  
 domestic catch, XI-12,17  
   landings, XI-12,42  
   management, XI-66  
 dominance, X-81  
   structure, X-61  
 dominant plants, XIII-15,19

Doncaster State Forest, XIX-124  
 Dorchester County, XIX-124  
 Doughty Island, XIX-23  
 Douglas Mountain, XIX-23  
 Dovekie, XV-10,14,21,27,67,95,203  
 downdrift offset, II-20,36  
 Dragon Run Bottomlands, XIX-145  
     Marshes, XIX-106  
     Swamp, XIX-131  
 Dram Island, XIX-19,23  
 Drayden Geologic Section, XIX-127  
 dredge(ing), X-54,61,75; XIII-25,27,36; XVI-147; XIX-159,163  
     and fill material, XI-85  
     samples, X-61  
     spoil, X-75 XIII-13,20,23,34; XVIII-34  
         disposal, V-51,88,140,179,180,284,289  
 dredged material, XVIII-18,20,32,33,34,35,37,38  
     research, XVIII-35,36  
     Research Program, XVIII-36,38  
     sites, XVIII-33  
 drifters, IV-21,28,31,32,33,78,140,145  
 drilling, XIII-25,27,36; XV-28  
     muds, XV-28  
     rigs, XV-47,48  
     sites, XIX-165  
Driloneris longa, X-50  
Dromas dromas, see Mussel, Dromedary Pearly  
Drosera filiformes, see Sundew, Thread-leaved  
 Drum Point Lighthouse, XIX-121  
 drum sampler, VIII-5  
 dry cargo handling facilities, XVIII-4  
     transportation, XVIII-9  
 Dublin Swamp Basin, XIX-127  
 Duck, Black, V-231; XV-11,234  
     Dabbling, XV-4  
     Harlequin, XV-3,11,27,31,157,158,218,232,XVI-79  
     Ruddy, V-231  
 Duck Pond Hill, XIX-77  
 Duke University, VII-59  
 dumping site, V-88,94,178; X-25,30  
     operation, XIII-27  
 The Dumpling, XIX-72  
Dunaliella tertiolecta, V-249,250; XX-17,18,51,66,78  
 dune, II-2,21,30,36,52; XVI-147  
     morphology, II-6,8,11,30  
 Dunham Bay Wetlands, XIX-90

DuPont Institute Woods, XIX-103,104  
     Wildlife Sanctuary, XIX-90  
 Durham Oak - Hickory Stand, XIX-41  
 Duxbury, XIX-53,55  
     Beach, XIX-53  
     Pine Point, XIX-53  
 Dyer's Neck, XIX-23  
 dynamic acute toxicity tests, XX-3  
Dysidea crawshayi, XX-110  
     etheria, XX-110  
  
 Eagle, Bald, XV-12,26; XVI-6,14,24,37,49,62,69,79,88,93,97,102,  
     106,112,122,130,131,138,145,147,148  
     Golden, XVI-24  
 earthquake(s), II-82,98; XIX-151  
     epicenters, II-63,82,98  
 East Farm, XIX-90  
     New Market Basin  
 Eastburn Complex, XIX-104  
 Eastern Bay, V-174,228,229; XX-21  
     Egg Rock, XIX-34  
     deciduous forests, XIX-13  
     Head Natural Area, XIX-18  
     Neck Island, XIX-126  
     N.W.R., XIX-114  
 Eastport, Me., XV-11  
 ebb-tidal delta, II-3,10,45,48,52,55  
Ebria tripartita, VI-81  
Echinarachnius parma, X-33,49,63  
Echinocardium cordatum, X-33  
 ecological community, XIX-12  
     investigation, XIII-7,9,15  
     niches, XI-2; XVI-145  
     reserves, XIX-2  
 ecology, XIII-7,8  
 economic efficiency XI-58  
 economics, XI-56  
 ecoregions of Connecticut, XIX-82  
 ecosystem(s), IX-2; XI-2; XIX-2  
     model, XX-6  
     preservation, XIX-2  
Ectocarpus fasciculatus, XIII-31  
 eddy diffusivity, IV-121  
     viscosity, IV-121  
 Edmunds Natural Area, XIX-18  
Edotea montosa, X-34  
     triloba, V-229  
 Eel, American, IX-27,31,33,36,45

eelgrass beds, X-68; XIII-19,23  
     communities, XIII-22  
     detritus, XIII-24  
 effluent, X-77  
 egg beds, X-80  
     deposition, X-80  
 Egret, XV-3  
     Cattle, XV-26,34,119; XVI-49  
     Great, XV-26,34,119; XVI-49  
     Snowy, XV-26,30,32,34,120; XVI-15  
Egretta thula, see Egret, Snowy  
 Eider(s), XV-10,241  
     Common, XV-21,26,31,36,123,159,219,232; XVI-15  
     King, XV-3,11,27,30,31,43,160,220,232  
Elaphe guttata, see Snake, Corn  
 Eldred Wildlife Refuge, XIX-72  
Electra crustulenta, X-68  
 electron transport system (ETS) technique, XVII-8  
Eleocharis halophila, see Spike-Rush, Salt-marsh  
     montevicensis, see Spike-Rush, Sand  
     rostellata, see Spike-Rush, Beaked  
 Elevation White Rocks, XIX-119  
 Elizabeth River Area, X-70  
 Elk River, XIX-123  
 Elko Tract, XIX-131  
 Elkton Natural Area, XIX-123  
 Ell Pond, XIX-62,65  
Elminius modestus, XX-67,71,78,83,85  
Elphi o. obsoleta, see Snake, Black Rat  
 elutriate test, V-179  
Emys blandingi, see Turtle, Blandings  
 endangered animal species, XIX-17  
     plants, XVI-136; XIX-17  
     species, XIX-151  
     Species Act of 1973, XVI-115,121,136,145  
 energy charge, XVII-7  
     content, VII-11  
     exchange, III-1,18,22,149  
     flow, IX-72; XIII-23,24  
     flux, VII-5  
     kinetic, IV-65,125  
     production, XIX-165  
     values, XVII-7  
 engineering properties, II-68  
Engraulis mordax, XX-40

Ensis directus, X-28,29  
Enteromorpha sp., V-213; XIII-31  
    linze, XIII-31  
entrapment, VI-49,91,93  
environmental contamination, IX-4  
    health, X-32  
    impact of metal emissions, XX-121  
    statements, X-2  
    pollutants, XVI-140,149  
epibenthic invertebrates, X-17  
epifaunal, V-239  
    colonization, X-27  
epi-fluorescent microscope, XVII-6  
epineuston, VIII-1  
Epioblasma (=Dysnomia) torulosa gubernaculum, see Mussel, Green-  
    blossom Pearly  
Ercolania vanellus, X-71  
Eremophila alpestris, see Lark, Horned  
Eretmochelys imbricata imbricata, see Turtle, Atlantic Hawksbill  
Erethizon dorsatum, see porcupine  
Erichsonella attenuata, X-68  
Erignathus barbatus, see Seal, Bearded  
Ermine, XVI-84  
Erolia maritima, see Sandpiper, Purple  
erosion, XIX-151,159  
    control devices, XIX-159  
Escape Road Marsh, XIX-67  
Escherichia coli, V-255,256; XIV-117; XVII-7,73,74  
Eschrichtius robustus, see Whale, Gray  
Esox sp., XIV-106  
    lucius, see Pike, Northern  
essential foreign trade routes, XVIII-15,16,17  
Essex River, II-11  
Esta Ranch, XIX-125  
estuary(ine), V-55; VI-56,76,90; XV-1,8,11,12  
    ecosystems, V-245; IX-3  
    flow, IV-159,161  
    mixing zone, X-20  
    surveys, IX-26,30  
Etheostoma losiforma, see Darter, Swamp  
    microperca, see Darter, Least  
    nigrum, see Darter, Johnny  
    sellare, see Darter, Maryland  
    tippecanoe, see Darter, Tippecanoe  
Etropus microstomus, see Flounder, Smallmouth



Eubalaena glacialis, see Whale, Northern Right  
Eucalia inconstans, see Stickleback, Brook  
Eucampia zoodiacus, VI-17  
Euchaeta japonica, XX-67,74  
Eucheuma sp., XIII-6  
Eucoronis sp., VI-61-70  
Eudistoma diaphane, XX-110  
Euglena sp., VI-85  
 euglenoids, VI-1  
Eumeces anthracinus anthracinus, see Skink, Coal  
     fasciatus, see Skink, Five-lined  
Eumetopias jubata, see Sea Lion, Stellar  
 euphausiids, VII-17; IX-73; XIV-22,27,30,34,35,44  
Eurypanopeus depressus, XX-51,56,58  
Eurytemora affinia, VII-5,6,20  
 Eustis Preserve, XIX-19,23  
Eutreptia sp., VI-85  
Eutreptiella marina, VI-57  
 eutrophic, VI-56  
 evaporite, II-72,87  
 Everett Paleo-Indian Site, XIX-105  
 excavating, XVI-147  
Exogone dispar, X-19  
     verugera, X-63  
 experimental areas, XIX-2  
 exploitation, XVI-145  
 explosives, XVIII-21  
 extinction dilution technique, XVII-3  
 extractable organics, V-21,28,30,33,41,114  
 extraction techniques, V-49,83,114,133  
 extratropical storms, III-1,4,74,99,107,118  
Exuviaella sp., VI-84  
     apora, VI-19,84  
     baltica, V-251,252,253; VI-19,84  
     compressa, VI-20,84  
     marina, VI-19  
     ovum, VI-20  
  
 Fairhill Swamp, XIX-41  
 Fairmount Basin, XIX-127  
     Wildlife Management Area, XIX-128  
Falco columbarius, see Hawk, Pigeon  
     peregrinus anatum, see Falcon, American Peregrine  
     sparverius, see Kestrel, American  
 Falcon, American Peregrine, XVI-15,24,38,62,69,79,93,97,102,106,  
     112,122-130,136,137,138,139,140,145,148,150  
     Arctic Peregrine, XVI-15,50,69,97,102,106  
     Eastern Peregrine Recovery Plan, XVI-122,137,146

fall, VI-70; XV-137,140,143,146,148,150,152,157,159,165,168,170,  
 172,176,179,180,188,192,194,196,198,199,200,203  
 migration, XV-155,162,181,204  
 "Fall-Spring" Woods, XIX-105  
 Falmouth, XIX-144  
     Foreside Preserve, XIX-27  
 False Cape, XIX-110  
     State Park, XIX-132  
Farancia eretrogramma eretrogramma, see Snake, Rainbow  
 Farm Creek, XIX-77  
 fatty acids, V-15,33,133; VII-10  
     alcohols, VII-10  
 faunal surveys, IX-3  
 Featherfoil, American, XVI-120  
 fecal coliforms, V-181  
     pellets, VII-17  
     production, X-27  
 Federal Republic of Germany, XI-30  
 Federal Water Pollution Control Act, XVIII-37  
 feeding and behavioral studies, X-79  
     patterns, X-79  
     type, X-81  
Felis concolor cougar, see Cougar, Eastern  
 Fenn's Pond Natural Area, XIX-77  
 ferries, XVIII-11  
 Ferris Salt Marsh, XIX-77  
 Fernald's Neck, XIX-20,23  
 fertilization, XIII-24  
 Fifth Machais Lake, XIX-20  
 filling, X-76; XVI-147  
 filter-sterilized seawater, XVII-73  
 fin rot, IX-78  
 finfish, XI-1,2,14 XII-8; XIX-150  
     biomass, XI-12  
 Fire Island, II-17; XIX-86  
     Inlet, II-19  
 fish(es), VII-7  
     behavior, IX-72  
     bony, IX-3  
     bothid flatfishes, IX-38  
     bottom, IX-26  
     demersal, IX-1,5,26  
         finfish catches, IX-30  
     fauna, IX-2,25  
     kills, V-90  
     non-commercial, XV-47,48  
     stock, XI-2  
     populations, IX-2; XIX-163

tissues, XX-5,39  
 Fish and Wildlife Act of 1956, XII-3  
 Fisher, XVI-17,26,40,57,145  
 Fisher's Island, XIX-86  
   Sound, XVII-33  
 Fisherman Island N.W.R., XIX-132  
 fishery(ies) data, XI-26  
   Development Program, XI-71  
   directed, XI-4  
   drive, XIV-6  
   domestic, XI-10,12,17,30,33,38,66  
   floating trap, XI-33  
   foreign, XI-9,15,26,30,33,52,64,68  
   Georges Bank, see Georges Bank fishery  
   Gulf of Maine, see Gulf of Maine fishery  
   investigations, IX-3  
   lobster, XI-18,37  
   management, XI-5,64,82  
     plans, XI-68  
   marine, XI-71  
   Middle Atlantic, see Middle Atlantic fishery  
   net, XIV-6  
   New York, see New York fishery  
   offshore, XI-66  
   pot, XI-26  
   production, X-2  
   purse seine, XI-4  
   regulations, XI-5  
   research, XI-5  
   resource(s), XI-1,2,84,86  
     assessment, XI-72  
   science, XI-66,72  
   sea scallop, XI-26  
   southern New England, see southern New England fishery  
   sport, XI-5; XII-15  
   statistics, XI-14  
   surveys, IX-4  
   trawl, XI-26,33  
   United States, see United States fishery  
   whale, XIV-3  
   winter sport, XII-18  
   zone, XI-67  
 fishing areas, X-81; XII-13,15  
   characteristics, XII-15  
   communities, X-17  
   domestic, XI-9  
   countries, XI-30  
   effort, XI-9,10,18,31

facilities, XII-15  
 grounds, XI-1  
 industry, XI-5,52,56,64  
 intensity, XI-1  
 licenses, XII-3  
 pressure, XI-9  
 recreational, XII-1,6  
 technology XI-5  
 trawlers, XV-30  
 Fishing Creek, XIX-121  
 fjords, XIX-17  
 flagellates, VI-11,73,76,77,88,91  
 flame photometry, V-44,47,61,65,152,161,230  
 flameless atomic spectrophotometry, XVII-75  
 Flat Creek, XIX-119  
 flatfishes, IX-38  
 Flatsedge, Toothed, XVI-120  
Flavobacteria sp., XVII-14,33  
 Flax Pond (Long Island), II-20  
 Flemings Landings, XIX-111  
 Flint Island, XIX-24  
 flocculation, II-2,47,51,52,55  
 flood channels, II-40,45  
   -tidal delta, II-36,45,48,50,52,55,56  
 floodplain, XIX-137  
   forests, XVI-147; XIX-75  
 flora, XIII-21  
Florida caerulea, see Heron, Little Blue  
 Florida Refuge, Hayes Property, XIX-77  
 Flounder, Blueback, V-216  
   Fourspot, IX-28,29,31  
   Sand, V-241; IX-26  
   Smallmouth, IX-38  
   Summer, IX-9,14,28,29,42,46,64,65,78; X-79; XI-15,16,17,18,30,  
   37,38,48,49,52,71; XII-8; XIV-106  
   Windowpane, V-239,243; IX-25,28; X-79  
   Winter, V-240,241,256; IX-25,26,28,31,33,35,45,46,67,78,81;  
   X-79; XI-15,16,17,18,30,38,52,71; XII-1,3,6,8,16,20; XIV-106;  
   XX-9,50,55,59,61,81,87  
   Yellowtail, V-240,241; IX-9,11,25,28,31,42,66,72; XI-9,15,16,  
   17,18,26,30,38,46,48,52,71; XIV-106  
 fluorescent microscopy, XVII-6  
 fluvio-glacial sediments, II-72  
 fog, III-2,26,59  
 Fogland Marsh, XIX-65,67

food, XV-6,7,10,11,26,27,43,46,48  
   chain, XVI-5,140  
   content, IX-25  
   and feeding, VII-5; XIV-12,15,21,27,30,34,39,44,49,51,57,61,68,  
   73,77,81,85,88,91,96,101,106,110  
   habits, IX-72  
   organisms, IX-72  
   particle distribution, VII-7  
   preference, X-81  
   requirements, X-78  
   resources, X-79  
   web, VI-15; XX-5,6  
   web magnification, V-235  
 foreign catch, XI-12,38  
   competition, XI-62  
   fishing fleet, XI-1,18,30,64,68  
 forest production, XIX-138  
 Fort Ralieg'h Nat'l Historical Site, XIX-157  
   Wetherill, XIX-69  
 Foster Island, XIX-33  
 fossil, XIX-12  
 foul area, V-89,179  
 fouling, VI-93  
   communities, X-67  
   organisms, X-33  
 foundation conditions, II-100  
 Fox Hill Pond Salt Marsh, XIX-72  
   Hollow Preserve, XIX-90  
   Point Wildlife Sanctuary XIX-90  
 Foxglove, Coastal-Plain, XVI-120  
   Fasicled, XVI-120  
   Pennell's, XVI-120  
   Salt Marsh, XVI-120  
   Spotted, XVI-120  
Fragilaria sp., VI-38,47,61-70; XX-18  
   crotonensis, VI-61-70  
   oceanica, VI-20,37,83  
 France, XI-30  
 Frankling Falls Flood Control Area, XIX-44  
Fratercula arctica, see Puffin, Atlantic  
 free market system, XI-5  
 Freshwater Marsh/Brandywine Creek Stream Park, XIX-102  
 freshwater runoff, VI-70  
   volume, IV-114  
 Frog, Carpenter, XVI-76  
   Upland Chorus, XVI-76  
 fucoids, XIII-11,12,29,30  
Fucus sp., V-213; XIII-33

distichus, XIII-31  
gardneri, XIII-31  
serratus, XIII-29  
spiralis, XIII-29; XX-133  
vesiculosus, XIII-29  
full-chronic tests, XX-6,7,144,146,147  
Fulling Mill Farm Preserve, XIX-90  
Fulmar, Northern, XV-10,11,27,30,31,43,67-95,182,183  
Fulmarus glacialis, see Fulmar, Northern  
Fundulus sp., XX-59  
    confluentus, XX-81,87  
    diaphanus, see Killifish, Eastern banded  
    heteroclitus, see Mummichog  
    luciae, see Killifish, Spotfin  
    majalis, see Killifish, Striped  
    similus, XX-26,31  
Fusconaia cuneolus, see Mussel, Fine-rayed Pigtoe  
    edgariana, see Mussel, Shiny Pigtoe Pearly  
  
Gadus morhua, see Cod, Atlantic  
Galeolaria sp., XX-72  
    caespitosa, XX-84,112  
Gallup Salt Water Marsh, XIX-78  
game and fish management areas, XIX-137  
Gammarus mucronatus, XX-35  
    oceanicus, XX-14,25  
Gannet, XV-3,10,11,14,20,27,30,33,67-95,193,194,213,232  
Gardiner's Island, XIX-83  
Garland Lake, XIX-122  
Garrett Island, XIX-123  
Garveia cerulea, X-71  
gas chromatography, V-12,13,15,17,18,25,29,31,33,37,41,68,83,84,  
    94,111,112,114,115,124,128,133,214,216,230,254,270,274,285;  
    XX-126  
Gasheys Run, XVI-135  
Gasterosteus aculeatus, see Stickleback, Three-spine  
Gastrophryne carolinensis, see Toad, Eastern Narrow Mouth  
Gateway National Recreation Area, II-19  
Gavia immer, see Loon, Common  
    stellata, see Loon, Red-throated  
Gay Head Cliffs, V-185; XIX-45  
Geese, XV-4  
Gelidium crinale, XIII-11  
Gelman-type A glass filter, XVII-8  
Gelochelidon nilotica, see Tern, Gull-billed

Gemma gemma, X-27,54,61  
geological formations, XIX-12,136  
  framework, II-60,61,85  
  history, II-72,85  
George Island Landing, XIX-130  
Georges Bank, III-2,59,159; V-11,15,41,66,69,115,138,174; VI-21;  
  VIII-14; IX-9; X-1,17,30,81; XI-2,10,17,26,30; XV-10; XVII-24;  
  XX-137  
  fishery, XI-26  
  trough, II-63,73,77,79,92,93,94,; IV-81,100  
  water mass (G BW), IV-15,16,17,18  
Georgetown Bog, XIX-20  
geotechnical properties, II-100,106, 107  
geotrophic range, IX-17  
Gephyrocapsa oceanica, VI-18  
Gerard Jack Pine Stand, XIX-18  
German Democratic Republic, XI-30  
Germany, XI-30  
Geryon quinquedens, see Crab, Red  
Gibson Island, XIX-119  
Gilbert Swamp, XIX-124  
gill net, IX-35; XI-4  
Gillichthys mirabilis, see Mudsucker  
Gilpin Point Limited Use Area, XIX-122  
glacial drift, II-15,72  
  -marine sediments, II-15  
  material, II-68  
Glaucomys sabrinus, see Squirrel, Northern Flying  
Glenodinium sp., VI-91  
  danicum, VI-85  
  rotundum, VI-85  
Globicephala melaena, see Whale, Long-finned Pilot  
  macrorhyncha, see Whale, Short-finned Pilot  
Gloucester Harbor, IV-21; V-13  
glucose, XVII-19  
Glycera sp., X-33  
  americana, X-19  
  dibranchiata, X-34,61  
Godwin Island, XIX-135  
Godwit, Hudsonian, XV-5  
Golden-Aster, Shinner's Soft, XVI-120  
Goldeneye, V-231; XV-14  
Goldfingia sp., X-25  
Gonatus fabricii, see Squid  
Goniadella gracilis, X-63

Gonyaulax spinifera, VI-85  
     tamarensis, VI-22,49,51  
 Goodwin Marsh, XIX-78  
 Goose, Canada, V-231  
     Spruce, XVI-24  
 Goose Creek, X-75  
     Island, XIX-78  
     River, XIX-20  
 Goosefish, IX-29  
 gorges, XIX-136  
 Gorham Mountain Laurel Stand, XIX-18  
 Gould Island, XIX-70  
     Rookery, XIX-72  
 Governing International Fisheries Agreement (GIFA), XI-68  
 Gowanus Canal, New York, XX-136  
 grab, X-33  
     samples, X-61  
 Grackle, Boat-tailed, V-91,92  
Grammatophora sp., VI-61-70  
     marina, VI-83  
Grampus griseus, see Dolphin, Risso's  
 Grand Bank, XV-10  
     Manan Island, XV-11,14  
 grant-in-aid research, XI-71,72  
 grasslands, XVI-147; XIX-75  
 Grassy Island, XIX-78  
     Point, XIX-44  
 gravel, II-94; XIX-152  
     -mud sediments, X-17  
     bottom, X-80  
 gravity, II-68,82,87  
 Gray Lot, XIX-44  
     Pitch Pine Barrens, XIX-18  
 grazers, XIII-28  
 grazing, VII-4  
     pressure, XIII-30  
 Great Bay access, XIX-44  
     estuary, XVII-18  
     River, IV-113  
 Great Creek Marsh, XIX-67  
     Cypress Swamp, XIX-110  
     Dismal Swamp, XIX-134,158  
     Egg Harbor, XIX-97  
     Falls of Paterson, XIX-84  
     Grey Overlook, XIX-72



Hill Tract, XIX-78  
 Island Marsh, XIX-78  
 Mark Island, XIX-18  
 Marshes, XIX-46  
 Meadows N.W.R., XIX-48  
 Roundabout, XIX-42  
 Salt Bay, XIX-29  
 Sippiwisset Marsh, XIX-54,56,57  
 Spruce Head Island, XIX-28  
 Swamp, XIX-62  
 Wass Island Jack Pine, XIX-18  
 Grear Prehistoric Indian Village, XIX-123  
 Grebe, Horned, V-231; XV-2,15,27,137,146,147,212,232  
   Red-necked, XV-2,15,27,31,143,144,145,211,232; XVI-4  
 Green Hill Pond Complex, XIX-68  
   Island, XIX-27  
   Ledge, Isle Au Haut, XIX-34  
   Ledge, Matinicus Plantation, XIX-34  
 Greenwich Cove Marshes, XIX-78  
 Griswold Marsh, XIX-78  
 Grosbeak, Evening, V-88; XVI-50  
   Southeastern Pine, XVI-38,50,63  
 groundfish, IX-5; XI-15  
   catch, XI-17  
   survey, IX-17,42,72; XI-10  
 groundfishing, XI-2  
 Groveville Kettle Pond, XIX-20  
 growth, XII-6,11,12,13,21,23,25,27  
   efficiencies, VII-5  
   rate, VI-71; XIII-20,28  
 Guillemot, Black, XV-26,40,41,135,181; XVI-15  
 Gulf of Maine, III-2, V-4,11,66,69,95,112,183; VII-11; X-2,13,81;  
   XI-2,17,22; XV-13; XVII-18; XX-128  
   fishery, XI-21  
   runoff, IV-15  
 Gulf of St. Lawrence, IV-9  
 Gulf Stream, III-2,4,23,24,26,59,74,134,138,156; IV-16,85 VI-14  
   current, XV-10  
   eddy, IV-42; VI-15  
   rings, IV-15  
   water mass, IV-62  
 Gulf V Sampler, IX-23  
 Gull(s), XV-10,11,14,29  
   Black-headed, XV-3,27,179,228,232  
   Bonaparte's, XV-3,27,176,177,178,229,232  
   Glaucous, XV-3,27,174,226,232  
   Great Black-backed, XV-3,14,26,30,32,36,124  
   Herring, V-91,92,213,214,215; XV-2,3,11,12,13,26,30,32,37,125

Iceland, XV-3,27,31,175,227,232  
 Laughing, XV-3,26,32,37,126  
 Little, XV-3,27,180,230,232  
 Gunpowder Delta, XIX-120  
Guinardia flaccida, VI-17,38,48,49,78,82  
 The Gut, XIX-54,56,57  
 Gwyn's Falls Valley, XIX-121  
Gymnodinium sp., VI-84  
     arcticum, VI-84  
     aurantium, VI-84  
     nelsoni, VI-94  
     punctatum, VI-84  
     roseostigma, VI-84  
     simplex, VI-84  
Gyrinophilus porphyriticus porphyriticus, see Salamander,  
     Northern Spring  
Gyrodinium carteretensi, VI-84  
     crossedstriatum, VI-84  
     metum, VI-84  
     spirale, VI-84  
Gyrosigma spenceri, VI-83  
  
 habitat(s), XV-7,9,11; XVI-144  
     alteration, XII-17  
     contamination, XII-17  
     destruction, XII-17,145  
     requirements, X-78; XVI-144  
 Hackett Point, XIX-199  
 Haddock, V-215; IX-27,55,56; XI-4,9,15,16,18,21,30; XII-1; XX-35  
Haematopus palliatus, see Oystercatcher, American  
 Hake, Red, V-241; IX-9,10,17,22,27,29,31,56,57; XI-4,16,18,29,38,  
     71,82  
     Silver, IX-23,27,29,42,56,72,73; XI-4,16,18,26,29,30,33,71,82;  
     XII-8; XIV-73,101  
     Spotted, IX-29,32  
     White, V-215; IX-17,27,29,56,57  
 Halfway Pond Island, XIX-46  
Haliaeetus leucocephalus, see Eagle, Bald  
Halichoerus grypus, see Seal, Gray  
Halitholus sp., XX-14  
     cirrattus, XX-42  
 Hall Creek Conservation Area, XIX-121  
 Halle Ravine, XIX-90  
 Hallett Mill Lot, XIX-50  
Halobates sp., VIII-1

Halosaurus macrochir, V-246  
 Hambleton Creek, XIX-126  
     Island, XIX-115,128  
 Hampton River, IV-21; XIX-153,154  
     Roads, X-70  
 Harbor Hill Sanctuary, XIX-90  
 Harborside, Maine, V-237  
 Hardings Beach, XIX-47  
 Harkness Grant, XIX-20,24  
 Harlem River, IV-149  
 Harness Creek, XIX-120  
 Hartline Property, XIX-121  
 harvest levels, XI-1  
 Hastings Tract, XIX-130  
 Hatches Harbor, XIX-54  
 Hatchets Point, XIX-78  
 haul seines, XI-4  
Haustorius canadensis, X-5  
 Hawk, Cooper's, XVI-24,50,79,145  
     (Goshawk), XVI-50,145  
     Marsh, XV-4,24,38,50,79,147  
     Night, XVI-4  
     Pigeon, XVI-4,80  
     Red-shouldered, XVI-4,24,50,80  
     Sharp-shinned, XVI-4,24,50,145  
 heartworm, XIV-114,117  
 heat flux, III-1,4,149,154,155,156,157,158; VIII-2  
 heated effluent, X-77; XIII-23  
     waste water, XI-85; XIX-161  
 Heavenly Waters Park, XIX-125  
 heavy bodied divers, XV-3  
     metal(s), XIII-8,13,24,27,33,34,37,38; XIV-121,125,142,143;  
     XV-12,14,15; XIX-163; XX-1,9,11  
     concentrations, II-11  
     ions, XVII-74  
     pollutants, XIV-115,125  
     shore damage, XIII-30  
Helianthemum bicknelli, see Rockrose, Bicknell's Hoary  
     propinquum, see Rockrose, Low  
     rosmarinifolium, see Rockrose, Rosemary  
 helicopters, XV-28,29,65  
 Helen Creek, XIX-113  
     Hemlock Preserve, XIX-115,121  
 Hell Island Site, XIX-107  
Hemialus hauckii, VI-17,20

Hemidactylium scutatum, see Salamander, Four-toed  
Hemitripterus americanus, see Raven, Sea  
Hemlock Brook Preserve, XIX-90  
herbaria, XIII-9,14  
herbivore feeding, VI-2  
    grazing, XIII-36  
Heron(s), V-92; XV-3,8  
    Black-crowned Night, V-91; XV-12,26,35,121; XVI-4,15,38  
    Great Blue, XV-12,26,33,117; XVI-15,51  
    Islands, XIX-24  
    Little Blue, XV-26,33,118; XVI-16,51  
    Louisiana, XV-26,35,121  
    Yellow-crowned Night, XV-26,35,121; XVI-51,80  
Herrick Dunes, XIX-91  
Herring, Atlantic, V-215; IX-9,15,27,29,31,42,45,54,55,73,75;  
    X-80; XI-9,18,22,26,29,30,33,38,46,82; XII-81; XIV-27,39,44,57,  
    61,73,77,91,101,106; XV-10; XX-34,54,60,62  
    Blueback, IX-27,29,31,33,36,43,45,73  
Hesperiphona vespertina, see Grosbeak, Evening  
heterogeneous equilibria, V-174  
    sediments, X-8  
heterogeneity, X-7  
Heteromastus filiformis, X-14,25,54,61,68,77  
Heterotheca pilosa, see Golden-Aster, Shinners  
heterotrophic bacteria, XVII-1  
hexane, V-30  
Hgardhiella sp., XIII-14  
Hickory Point Cypress Swamp, XIX-130  
Higgins Pond, XIX-124  
high density, VI-14  
    pressure liquid chromatography, V-124  
    speed photography, XVI-123  
Highbee Beach, XIX-97  
highways, XVI-142; XIX-159  
Hingham Home Meadows, XIX-53  
Hippoglossoides platessoides, see Plaice, American  
Histoplasma sp., XIV-118  
historic buildings, XIX-136  
    preserves, XIX-137  
    range, XVI-141  
    sites, XIX-138  
    Sites Act of 1935, XIX-7  
histopathological studies, XX-9,10,148  
Histrionicus histrionicus, see Duck, Harlequin  
Hock Tract, XIX-119

Hockamock Swamp, XIX-46  
 Hog Island XIX-28,135  
 Hogchoker, IX-28,31,35,38  
 Holland Glade Marsh, XIX-109  
 Hollins Preserve, XIX-91  
 Holly Hill Sanctuary XIX-79  
     Pond-Darian Marsh, XIX-79  
Homarus americanus, see Lobster  
 home range, X-79  
 homes, XIX-159  
 homing, XIX-163  
 Hoopes Reservoir, XIX-111  
 Horse Neck Beach, XIX-54,56,57  
 Horsehead Woods, XIX-121  
 Hot Hole Pond, XIX-20  
Hottonia inflata, see Featherfoil, American  
 Housatonic River, V-238  
 Howell Meadow, XIX-91  
     Point, XIX-125  
 Hoyt Preserve, XIX-91  
     Woods, XIX-86  
 Hubbard Nature Preserve, XIX-79  
 Hucheson Memorial Forest, XIX-98  
 Hudson Canyon, IV-68,106; V-126; XX-128  
     River, II-11,20; IV-47,55,77,149; V-54,61,67,104,105,106,109,  
     155,197,200,206,208,209,263; X-30,32,53  
     Shelf Valley, IV-38,51,77,93; V-102  
Hudsonia tomentosa, see Beach Howellia  
 Hughes-Willis Site, XIX-107  
 human interference, XVI-133,142,145  
     stress, IX-78  
 Humphrey's Creek, V-33  
 Hundred Acre Cove, XIX-71  
 Hunter Goodrich Reserve, XIX-90  
 Hunting Creek, XIX-122,124  
 hurricane(s), III-88-91,92,94,95,99,107-115,116,117,123,134,175,  
     176; IV-100; XV-43  
 Hurricane Run-Rocky Run, XIX-102  
 Husing Pond, XIX-91  
Hydranassa tricolor, see Heron, Louisiana  
 hydrocarbon(s), V-10,12,15,20,23,24,29,30,33,36,41,111; VII-11  
     aromatic, V-10,11,16,31,117  
     chlorinated, V-83,84,89,93,94,248,255,265,269; VIII-4,14,16;  
     XIII-8,13; XVI-122; XIX-163  
     content, XIII-30,31,37  
     dissolved, V-36  
     fractions, XIII-37  
     non surface active, VIII-3

pollution, XIII-25,30,31,37  
 polycyclic aromatic, V-115,116,119,138  
 in sediments, V-111,112,113,121,133,134,135  
 suspended material, V-31  
 toxic, XIII-29  
   -utilizing bacteria, XVII-14  
   -utilizing microorganisms, XVII-14  
   in the water column, V-2,3,10,37  
 hydrographic, VI-49,90; XI-2  
Hydroprogne caspia, see Tern, Caspian  
 hydrostatic pressure, XVII-70  
Hygophum hygomi, V-246  
Hyla andersoni, see Treefrog, Pine Barrens  
   chrysoscelis, see Treefrog, Gray  
Hypericum adpressum, see St. John's Wort, Creeping  
Hyperoodon ampullatus, see Whale, Northern Bottlenose  
 hyponeuston, VIII-1  
  
 Ibis(es), XV-3  
   Glossy, XV-26,32,35,118; XVI-16,51  
Ichthyomyzon greeloyi, see Lamprey, Allegheny Brook  
 ichthyoplankton, IX-5,17,23,25,30,38  
Ictalurus catus, see Catfish, White  
   nebulosus, see Bullhead, Brown  
   punctatus, see Catfish, Channel  
Icteria virens virens, see Chat, Yellow-breasted  
Icterus spurius, see Oriole, Orchard  
Idota baltica, XX-114  
 Idylwild Wildlife Demonstration Area, XIX-122  
Illex illecebrosus, see Squid  
 illite, II-48,50  
Ilyanassa obsoleta, X-19,24  
 imagery studies, XIII-24  
 impact studies, IX-35; XI-85  
 impounding, XVI-147  
 inbound dry cargo vessel trips, XVIII-9,10  
   passenger vessel trips, XVIII-9,10  
   tanker trips, XVIII-6,7  
 Indian Cedar Swamp, XIX-62  
   Mound, XIX-120  
   Point Nuclear Plant, V-109,110,203,204,205,264  
   River Bay, IX-35  
   Run Woods, XIX-73  
 industrial operations, XIX-159  
   waste(s), VII-14; XIII-34; XVIII-21,22,23,24; XX-9,10  
   research, XVIII-42  
 inertial frequency, IV-28,65,66  
 infaunal, V-239

animals, X-27  
 infrared spectroscopy, V-17,25,33  
 Ingram Pond Area, XIX-109  
 Inkberry, XVI-117  
 inorganic, V-49  
   ions, XVII-71  
 in-situ primary production, VI-90  
 intake, VI-47  
 interannual variation, X-81  
 Inter-Governmental Maritime Consultation Organization, XVIII-15  
 internal reflection spectroscopy, VIII-6  
 International Commission for the Northwest Atlantic Fisheries  
   (ICNAF), VII-59; XI-2,9,12,14,66  
   Ocean Dumping Convention, XVIII-19  
 interstitial waters, V-174,175,176  
 intertidal areas, X-5,6; XIII-30  
   flats, XIX-150  
   flora, XIII-1  
 intermediate slope water mass, IV-16,62  
 inventory, XIX-5  
 invertebrates, XI-16  
 Iona Island Marsh, XIX-85  
 ionic regulation, XX-11  
 Iron (Fe), V-18,37,42,44,48,51,54,55,56,61,63,65,66,174,176,187,  
   237; XIII-33; XX-23,101,102,146  
 Iron Hill-Iron Pits, XIX-105  
 Isbrandtsen Preserve, XIX-91  
 Island Beach State Park, XX-23  
   Field Site, XIX-108  
 Isle of Shoals, XV-13  
   of Wright, XIX-130,154  
 isobath, VI-58  
Isochrysis galbana, V-254; XX-78  
Isoetes riparia, see Quillwort, River-bank  
 isopleth, VI-5  
 isopotic tracer techniques, XVII-8  
 isotherm, III-2,61  
 Ivy Neck/Java Farm, XIX-119  
  
 Jack Bay, XIX-121  
 Jackson Hollow, XIX-105  
 Jaeger, Long-tailed, XV-3,27,67-95  
   Parasitic, XV-3,14,27,67-95,199  
   Pomarine, XV-3,14,27,67-95,199  
Jaera sp., XX-103

Jamaica Bay, V-25,71,72,227; VII-14 XX-126  
 James Branch, XIX-110  
     City, XIX-154  
     Island, XIX-128  
     Preserve, XIX-91  
     River, II-3,40,47; V-33,78,91,182,244; IX-73; X-67,68,70; XIX-142,  
     147  
     oyster reefs, X-68  
 Japan, XI-9  
 Jasper Quarry, XIX-105  
Jassa falcata, X-33  
 Jeffreys Ledge, XIV-20,22,40,43,132,135  
 jellyfish, VII-17  
 Jenkins Sound, V-164  
 Jersey City spill, XX-136  
 jet drop formation, VIII-6  
 jetties, XV-11; XIX-159  
 Jockeys Ridge, XIX-158  
 John Island, XIX-35  
 Johnson Wolf Refuge, XIX-129  
 Jordan Cove, XIX-79  
 Jordan's Delight Island, XIX-36  
Juncus maritimus, XX-135  
     roemerianus, XIII-19,20  
 Juniper Hill Natural Area, XIX-79  
Juvenile echinoid, X-63  
  
 kaolinite, II-48,50  
Katodinium rotundatum, VI-78,84,91,93,94  
 Kaufman Property, XIX-121  
 Kellis Pond, XIX-85,86  
 Kennebec River, II-4; IV-21  
     estuary, X-7  
 Kent County, XIX-125  
 Kent Island Conservation Area, XIX-126  
     Narrows Marshes, XIX-126  
     Point, XIX-126  
     Island, XV-14  
 kepone, XIX-159  
 Kestrel, American, XVI-4  
 Ketchum Sanctuary, XIX-91  
 Ketterlingus Preserve, XIX-20,24  
 Kilcohook N.W.R., XIX-96  
 Killifish, Eastern banded, XVI-91  
     Spotfish, XVI-75  
     Striped, IX-35; XX-53,56  
 Kimball Island, XIX-28  
     Wildlife Refuge, XIX-71



Kingfish, Northern, IX-29,31,33  
 Kinglet, Golden-crowned, XVI-51  
 Kings Marsh, XIX-50  
     Point Pond, XIX-91  
     Preserve, XIX-86  
 Kingston Cedar Swamp, XIX-41  
Kinosternon subrubrum, see Turtle, Eastern Mud  
 Kinson Lot, XIX-44  
Kirchneriella sp., VI-81  
 Kitt Point, XIX-122  
 Kittiwake, Black-legged, XV-21,27,31,67-95,200,201,231,,232  
Klebsiella aerogenes, XVII-61  
     pneumoniae, XVII-9  
 Knight Pond, XIX-20  
     Prehistoric Indian Site, XIX-121  
     Wildlife Refuge, XIX-71  
Kogia breviceps, see Whale, Pygmy Sperm  
     simus, see Whale, Dwarf Sperm  
 Krill, VII-10; XIV-27,34  
 Kulze Preserve, XIX-79  
  
Labidesthes sicculus, see Silverside, Brook  
Labdocera trispinosa, VII-16  
 Labrador Current, III-2,157,159; IV-16  
     Coastal Water Mass, IV-62  
Lagenorhynchus acutus, see Dolphin, Atlantic White-sided  
     albirostris, see Dolphin, White Beaked  
Lagodon rhomboides, XX-12  
 lagoons, X-76  
 Lake Anna Reservoir Area, XIX-144  
     Matoaka - College Woods Area, XIX-148  
     Maury Area, XIX-148  
     Roland, XIX-121  
     Ronkonkoma, XIX-92  
Laminaria sp., XIII-33  
     digitata, XIII-31  
     saccarina, XIII-31  
 Lamoine State Park, XIX-29  
 Lamont Easement, XIX-28  
     Nature Sanctuary, XIX-92  
Lampetra lamottei, see Lamprey, American Brook  
 Lamprey, Allegheny Brook, XVI-91  
     American Brook, XVI-33,46  
 Lamprey River IV-113  
 land fill operations, XIII-27  
 landings (see also Maine, New Hampshire, Massachusetts, New York,  
     New Jersey, Maryland, Rhode Island, North Carolina, and Virginia  
     landings), XI-10,43,44,52

Lane's Island, XIX-20,24  
Lang Farm, XIX-111  
Lanius ludovicianus, see Shrike, Loggerhead  
large scale variability, VII-3  
Lark, Horned, XVI-51  
Larus argentatus, see Gull, Herring  
  atricilla, see Gull, Laughing  
  glaucoides, see Gull, Iceland  
  hyperboreus, see Gull, Glaucous  
  marinus, see Gull, Great Black-backed  
  minutus, see Gull, Little  
  philadelphia, see Gull, Bonaparte's  
  ridibundus, see Gull, Black-headed  
larval dispersal, X-81  
  fish survey, VII-59  
  recruitment, X-57  
  settling, X-71  
Lasiurus seminolus, see Bat, Hoary  
Laterallus jamaicensis, see Rail, Black  
Laurel Run Woods, XIX-123  
LaVerna Reserve XIX-20,24  
Lead (Pb), V-42,44,47,48,51,54,55,61,63,65,66,88,93,140,142,145,  
  146,147,151,152,153,155,158,161,164,169,172,188,189,237,238,  
  242,243,244,246; XIII-33,34; XV-15; XX-23,101,103-109  
  -210 dating, V-124  
Lecithodesmus nipponicus, XIV-102  
LeCompte Bryant Fox Squirrel Refuge, XIX-113  
  State Wildlife Management Area, XVI-144  
ledges, X-13; XV-10  
Lee Dogwood Stand, XIX-41  
Leiostomus xanthurus, see Spot  
Leipsic Bridge, XIX-111  
Lemming, Southern Bog, XVI-40,57,84,145  
length days, VI-91  
Leonard Mill Pond, XIX-129  
Lepidochelys kempfi, see Turtle, Atlantic Ridley  
  olivacea, see Turtle, Pacific Sea  
Lepomis gulosus, see Warmouth  
  megalotis, see Sunfish, Longear  
Leptocheirus pinguis, X-27,49  
Leptocylindrus sp., VI-51,58,61-70  
  danicus, VI-17,57,58,82  
  minimus, VI-82  
Leptospiro pomona, XIV-114  
Lepus americanus, see Rabbit, Snowshoe

Lewes, Delaware, X-75  
 Liberty Reservoir, XIX-120  
 licensing, XII-16  
Lichina pygmaea, XX-35  
 Lietutenant River Marsh, XIX-79  
 life cycle, XIII-28,37  
     histories, X-81  
 light, VI-1; XIII-27,36; XVII-71; XX-13,14  
     limited, VI-21  
     penetration, XIII-11,27  
     reduction, XIII-27  
 Lilaeopsis, Carolina, XVI-120  
Lilaeopsis carolinensis, see Lilaeopsis, Carolina  
Limanda ferruginea, see Flounder, Yellowtail  
 Limekiln Hollow, XIX-120  
Limosa haemastica, see Godwit, Hudsonian  
Limosella subulata, see Mudwort, Owl-shaped  
 lipolytic bacteria, VIII-16  
 liquid hydrocarbons, II-94  
     -solid chromatography, V-18,214  
Lithodesmium undulatum, VI-83  
 Limington Mountain Laurel, XIX-20  
 Linchester Pond, XIX-122  
 lipopolysaccharide test, XVII-9  
 Liston Point, XIX-111  
 Little Deal Island, XIX-127  
     Duck Island, XIX-35  
     Egg Harbor, XIX-98  
         Inlet, IV-82,84,100; V-74; X-33  
     Fresh Pond Preserve, XIX-92  
     Green Island, XV-13  
     Gunpowder Falls Val., XIX-125  
     Ram Island, XIX-92  
     River Area, XIX-143  
         Marsh, XIX-27  
     Tinicum Island, XIX-100  
Littorina littorea, V-213,226,231; XX-14,43,129  
Liulus polyphemus, XVII-9  
 liver flukes, XIV-118  
 Lloyd Creek, XIX-123  
Lobipes lobatus, see Phalarope, Northern  
 Lobsta Land, XIX-52,56  
 Lobster, V-219,236,240,241 VIII-8; X-24; XI-4,14,15,18,22,26,30,  
     31,37,43,46,48,49,82; XX-9,13,43,50,54,57,58,64,68,70,71,84,85,  
     86,122,129  
 Lobster Cove, XIX-55,58

Loliginidae sp., see Squid  
Loligo pealei, see Squid, Longfin  
 Londontown, XIX-119  
 Lone Pine Site, XIX-109  
 Lonesome Swamp, XIX-73  
 Long Cove spill, V-12,220; XX-9  
     Green Creek Valley, XIX-113,120  
     Island, II-15  
         Sound, IV-47,78,81,93,122,128,134,139,149,150; V-49,67,72,95,96,  
         98,100,101,102,190,216,238; X-20,27,29,59; XV-14; XVII-33  
         Marsh & Bodkin Isle, XIX-126  
         Pond, XIX-85,86  
         Preserve, XIX-92  
 Longline, IX-35  
 longshore current, II-30  
 long-term structure, X-5,6  
 Lonsdale Marshes, XIX-62  
 Loon, Common, V-231; XV-2,14,15,27,31,43,138,139; XVI-25,51,145  
     Red-throated, XV-2,15,27,31,140,141,142,210,232  
Lophius americanus, see Goosefish  
Lophopsetta maculata, see Flounder, Sand  
Lora scalaris, X-9  
 Lorneville, New Brunswick, V-10  
Lota lota, see Burbot  
 Lovering Preserve, XIX-92  
 Low Bluff, XIX-106  
 Lower Little Gunpowder Falls, XIX-120  
     Marshyhope Creek, XIX-124  
     Pamunkey River Area, XIX-143,145  
     Rappahannock River Valley, XIX-144,145,146  
 lower slope water mass, IV-15,16,17,18  
 luciferin-luciferase, XVII-6  
 Lucius Pond/Ordway Preserve, XIX-77  
 Ludlow Griscom Dam Complex, XIX-49  
 lumbering activities, X-8  
Lumbrineris acuta, X-63  
Lunatia triseriata, X-29  
 lungworms, XIV-114,116  
 Lunt Marshes, XIX-50  
Lutra canadensis, see Otter, River  
Lycaeides melissa samuelis, see Butterfly Karner Blue  
Lygosoma laterale, see Skink, Ground  
 Lynnfield Marsh, XIX-45  
 Lynnhaven Basin Area, XIX-147  
 Lynx, Canada, XVI-17,26

Lynx canadensis, see Lynx, Canada  
rufus rufus, see Bobcat  
 Lyons Creek-Jug Bay Marsh, XIX-120  
 Valley, XIX-119  
Lyonsia hyalina, X-27,28,29  
Lytechinus pictus, XX-92,93  
  
 Machias, Maine, V-11  
 Mackay Island N.W.R., XIX-157  
 Mackerel, Atlantic, V-215; IX-25,28,29,33,42,61,72,73,75; XI-4,  
 16,17,22,26,29,33,38,82,88; XII-6,8; XIV-101; XV-10; XX-10  
Macoma balthica, X-8  
 macroalgae(1), XIII-7,9,13,15,28,33  
     communities, XIII-8,23,35  
     damage, XIII-29  
     distribution, XIII-15  
     productivity, XIII-2  
 macrobenthic community structure, X-17  
 macronutrient, VI-88  
Macrozarcus americanus, see Pout, Ocean  
 Madden Farm, XIX-92  
 Madtom, Mountain, XVI-91  
 Magnesium (Mg), V-66,244; XVII-72  
 magnetic, II-82,87  
Maia squinado, XX-46  
 Maine, X-5; XV-6,11,13,32; XVI-13,131,137; XIX-13,17  
     Bottom Water Mass (MBW), IV-15,16,17,18  
     Intermediate Water Mass (MIW), IV-15,16,17,18,19  
     landings and value, XI-44  
     Surface Water Mass (MSW), IV-15,17,18,19  
     Yankee Nuclear Power Plant, X-7  
Malaclemys t. terrapin, see Terrapin, Northern Diamondback  
Mallotus villosus, see Capelin  
 Mallows Bay Marsh, XIX-124  
 management, X-81; XI-67; XII-15; XV-8,9; XIX-5  
     plans, XI-82  
     policy, XI-72  
     technology, XI-72  
 Manahawkin, XIX-97  
 Manatee, Florida, XVI-107,113  
Mancocuma stellifera, X-5  
 Manganese (Mn), V-42,44,48,49,54,55,56,61,63,65,66,93,174,175,177,  
 237,239,243,281; XIII-33; XX-23  
 Manhattan Island, X-32  
 Manokin River Banks, XIX-128

Manor Lake, XIX-100  
 man's impact, VII-12  
 Marblehead Channel, V-145  
Marcrocystis sp., XIII-30  
 Margin Coring Program, II-60,86,91,94,97,98  
 marine bacteria, XX-21,24  
     birds, XV-2  
     environments, XIX-133  
     and estuarine task force, XIX-7  
     flora, XIII-19; XVII-72  
     macroalgae, XIII-2,33  
     mammals, XV-11; XVII-72  
     microorganisms, XVII-1  
     Protection, Research, and Sanctuaries Act of 1972, XVIII-18  
     research, XI-72  
     resources, XI-64,66  
     sanctuaries, XVIII-18; XIX-13,49,155  
     terminals, XVIII-47,48,49  
     thiobacilli, XVII-29  
 maritime forests, XIX-151  
 Mark Island, XIX-20,24  
 Marlborough Point, XIX-144  
 MARMAP surveys (Marine Resources Monitoring and Prediction), V-15,  
     36,38,39,42; VII-24; VIII-9; IX-4,17; XI-70  
 Marratooka Farm, XIX-92  
 Marsh Island Complex, XIX-109,123  
     Meadows Wildlife Preserve, XIX-72  
     River Oyster Beds, XIX-34  
 Marshfield, XIX-53  
 Marten, XVI-26  
Martes americana, see Marten  
     pennanti, see Fisher  
 Martha's Vineyard, II-15,17; V-13; XVII-19; XIX-47  
 Martin N.W.R., XIX-114  
 Martin, Purple, XVI-4,25,38,52,149  
 Martins Prehistoric Indian Camp, XIX-120  
 Maryland, XVI-94,134,135,136,137,138; XIX-13  
     landings and value, XI-52  
     Point, XIX-113,124  
 Mashomack Peninsula, XIX-86  
 Mashpee River, XIX-47  
 Mason Neck N.W.R., XIX-132  
 mass movement, II-99,100,106  
     property, II-48  
     sediment movement, II-98,99  
     spectrometry, V-12,25,33,41,111,116,229,230  
     stranding, XIV-119,143  
 Massachusetts, X-5; XV-14; XVI-30,131,136,138; XIX-13

Bay, II-11; V-47,70,88,114,140,148,149,150,151; X-25,26  
     Foul Area, V-88,114,178  
     landings and value, XI-48  
Massarita rotundata, VI-57  
 Massey & Golts Ponds, XIX-125  
 Mast Island, XIX-46  
 Matheson Meadows, XIX-92  
 mathematical model, V-179,234  
 Matinicus Island, XV-13  
     Rock, XIX-35  
 Mattamuskeet N.W.R., XIX-157  
 Mattaponi Bottomlands, XIX-144  
     River Area, XIX-145  
 Mattawoman Creek, XIX-113,124  
 Matunuck Hills Wood, XIX-73  
 maximum acceptable toxicant concentration (MATC), XX-7  
     sustainable yield, XI-9,67,70,73,79  
     yield, XI-64  
 Mayo Point, XIX-113,119  
 McGregor Pond, XIX-92  
 Meadow Beach Preserve, XIX-93  
     Mountain, XIX-18,24  
     Woods, XIX-74  
 mean light intensity, VI-7  
     tidal sea level, IV-149  
 measures, XI-67  
 Mecox Dunes, XIX-93  
 Meddybemps Heath, XIX-16  
Mediomastus ambiseta, X-19,25,50  
 Medley Creek, XIX-127  
 Medomak River, II-10  
Meganyctiphanes norvegica, see Krill  
Megaptera novaeanglia, see Whale, Humpback  
 Meherrin River Area, XIX-147  
 meiofauna, X-32  
Melanerpes erythrocephalus, see Woodpecker, Red-headed  
Melanitta deglandi, see Scoter, White-winged  
     nigra, see Scoter, Black  
     perspicillata, see Scoter, Surf  
Melanogrammus aeglefinus, see Haddock  
Meleagris gallopavo, see Turkey  
Melinna cristata, X-28  
Melita nitida, X-68  
Melosira sp., VI-58,59,61-70,78,93  
     distans, VI-16  
     granulata, VI-61-70  
     islandica, VI-16  
     moniliformis, VI-22,37,38,39,47,70

mummuloides, VI-47  
subsalva, VI-93  
sulcata, VI-17  
 Meltons Shelter, XIX-120  
 membrane filter technique, XVI-3,14  
Membranipora tenuis, X-71  
 Menhaden, Atlantic, V-90; IX-25,27,31,33,45,54,72,81; XI-4,17,18,  
 22,37,38,43,48,49,52,82,86  
Menidia sp., XX-147  
     beryllina, XX-26,31  
     menidia, see Silverside, Atlantic  
Menticirrhus saxatilis, see Kingfish, Northern  
 Merchant Mill Pond, XIX-158  
Mercenaria sp., XX-34  
     mercenaria, see Clam, Hard  
 Mercury (Hg), III-107; V-42,46,49,50,63,64,65,93,140,142,145,146,  
 147,152,153,164,173,174,243,246,281; VII-15; XIII-34; XX-12,23,  
 77-91  
 Meredith Creek, XIX-119  
 Merganser, Common, V-231  
Mergus merganser, see Merganser, Common  
Merluccius bilinearis, see Hake, Silver  
 Merrimack River, II-11; IV-21,114  
 Merrymeeting Bay, XIX-29  
     Marsh, XIX-41  
 MESA (Marine Ecosystems Analysis Program), IV-71; V-20,21,155; X-49  
Mesodinium rubrum, VI-46  
Mesoplodon bidens, see Whale, Sowerby's Beaked  
     densirostris, see Whale, Blainville's Beaked  
     europaeus, see Whale, Gervais' Beaked  
     gervaisi, see Whale, Gulf Stream Beaked  
     mirus, see Whale, True's Beaked  
 Messenger Property, XIX-79  
 metal concentrations, V-141,237,239; XIII-33  
     particulate, V-44,55  
     transport, V-140  
 methodology, XIX-2  
 methyl mercury, XIII-34; XIV-15,127,128; XX-87  
 methylene blue, XVII-18  
 Metinic Island, XIX-33  
 Metomkin Island, XIX-135  
Metridia lucens, V-223  
Metridrum senile, X-33  
 Meyer Sanctuary XIX-93  
 Mianus River Gorge, XIX-83,93



Michelis-Mentonn type reaction, XVII-8  
microbial activity, XVII-6  
    degradation, V-13  
    populations, V-181  
Micrococcus sp., XVII-61  
microcolony technique on membrane filters, XVII-4  
microcosms, VII-21  
microfauna, X-32  
microflagellates, VI-1,54,92  
Microgadus tomcod, see Tomcod, Atlantic  
microlayer populations, VIII-9,10  
Microphthalmus aberrans, X-25  
Micropogon undulatus, see Croaker  
Microstomus kitt, see Sole, Lemon  
Microsorax hoyi, see Shrew, Thompson Pigmy  
Microtus breweri, see Vole, Beach Meadow  
    chrotorrhinus, see Vole, Yellow-nosed (Rock)  
    pennsylvanicus provectus, see Vole, Block Island Meadow  
Mid-depth Slope Water Mass, IV-62  
Middle Atlantic, X-1  
    Bight, V-106,128,138; XI-2,15,17  
    runoff, IV-84  
    continental shelf studies, X-73  
    fishery, XI-37  
Middle Run, XIX-105  
Middlesex, XIX-154  
migration, IX-68; XIV-1,6,13,17,22,26,27,29,33,38,40,47,49,51,53,  
    56,58,62,68,71,74,79,82,88,91,93,97,103,107,111; XV-26,27,206  
    patterns, IX-72  
Miles Creek, XIX-128  
    River, X-67,128  
Milestone Road Preserve, XIX-50  
Milford Neck Marshes, XIX-108  
military uses, XVII-1,47  
Mill Cove, XIX-20  
    Wildfowl Sanctuary, XIX-93  
Mill Creek, XIX-25  
    Hemlock Stand, XIX-122  
    Valley, XIX-104  
Mill Gut, XIX-67  
Miller Sanctuary, XIX-93  
Millington Pond, XIX-126  
    Woods, XIX-126  
Millman Site, XIX-108  
Mills Island, XIX-130

Millstone Point, VII-20  
mine tailings, V-237  
mineral, XIX-138,152  
Mineral Springs Fall Preserve, XIX-93  
minimum threshold concentration (MTC), XX-7  
Mink Island, XIX-28,135  
Minnow, Fathead, XVI-33  
    Sheepshead, XX-7,12,26,30,31,52,56,147  
Minot Woods, XIX-50  
Mirounga angustirostris, see Seal, Northern Elephant  
mixed layer, VI-91  
    water column, VI-1  
mixing depths, VI-1  
Mnemiopsis leidyi, VII-7,8  
Moccasin Woods, XIX-107  
Mockingbird Pond, XIX-129  
modified extinction dilution method, XVII-14  
Modiolus demissus, see Mussel, Ribbed  
Moffett's Pond, XIX-93  
mollusks, IX-73; XIV-15  
Momsen Sanctuary, XIX-93  
Money Island, XIX-100  
Monhegan Bluffs, XIX-69  
    Island, IV-20,111; VI-40; XIX-16  
monitoring, XVI-143  
Monochrysis sp., XX-18  
Monomoy Island, II-1,11  
    National Wildlife Sanctuary, XIX-47,48  
Monorygma grimaldi, XIV-73  
Monostroma sp. XIII-30  
Montauk, II-17; XIX-86  
Montsweag Bay, II-10; VI-46; X-7  
    Preserve, XIX-20,25  
Moonbeams Sanctuary, XIX-93  
Moonstone Waterfowl Refuge, XIX-71  
Moose, XVI-26,40  
    Point State Park, XIX-29  
Moosehorn N.W.R., XIX-29  
Morgan Creek, XIX-125  
Morgenthau Preserve, XIX-93  
Moriches Bay, New York, X-59  
Morone americana, see Perch, White  
    saxatilis, see Bass, Striped  
Morris Estate, XIX-105  
mortality, IX-78; XIII-7,29; XIV-115,116  
    data, XX-43  
Morus bassanus, see Gannet

Moses Rock Area, XIX-102  
 Mount Desert Island, X-5  
     Hope Bay, Rhode Island, X-19  
     Lebanon Run Park, XIX-102  
 Mouse, Deer, XVI-57,84  
     Gappers Red-backed, XVI-27  
     Prebles Lemming, XVI-27  
     Woodland Jumping, XVI-84  
 mowing, XVI-148  
Mucor sp., XIV-118  
 mud, X-17; XVII-19  
     bottom, X-53  
     flats, X-6; XVI-147; XIX-75  
 Mud Mill Pond, XIX-122  
 Muddy Creek, XIX-119  
 muddy-sand, X-17  
 mudsucker, XX-38  
 Mudwort, Owl-shaped, XVI-120  
Mugil cephalus, see Mullet  
Mulinia lateralis, X-19,28,29,34,35,54,61,75,76  
 Mullet, XX-81,87  
 multichannel seismic reflection profiles, II-73,86,87,91,92  
 Mulford Wildlife Sanctuary, XIX-40  
 Mummichog, V-230,263; IX-27,33,35,45; XX-3,33,48,50,52,55,56,59,60,  
     61,62,69,72,73,80,81,87,104,107,113,115,116,117  
 municipal effluent, V-30; XX-22  
     material research, XVIII-35,38,40,43; XX-9  
 Murderkill River, V-164,165,166,167,168,169,170,171; XIX-108,111  
 Murre, Common (Thin-billed), XV-14,15,21,27,31,67-95,202; XVI-16  
     Thick-billed, XV-11,14,15,21,27,31,67-95,202  
 Muscongus Bay, II-10; XV-13  
 Mussel, Appalachian Monkey-faced Pearly, XVI-108  
     Birdwing Pearly, XVI-108  
     Blue, V-213; X-5,6,33,77; XX-9,11,28,29,36,38,40,41,45,46,52,  
     56,68,70,71,73,80,84,103,107,110  
     Cumberland Monkey-faced Pearly, XVI-108  
     Dromedary Pearly, XVI-109  
     Fine-rayed Pigtoe, XVI-109  
     Green-blossom Pearly, XVI-109  
     Ribbed, V-154,213,226,229,230,231; X-77; XX-46,129  
     Rough Pigtoe Pearly, XVI-109  
     Shiny Pigtoe Pearly, XVI-109  
Mustela ermina, see Ermine  
     nivalis allegheniensis, see Weasel, Least  
Mustelus canis, see Dogfish, Smooth

Mya arenaria, see Clam, Soft  
Mycteria americana, see Stork, Wood  
Myotis grisescens, see Bat, Grey  
     keeni, see Bat, Keen's  
     sodalis, see Bat, Indiana  
     subulatus, see Bat, Small-footed  
Myoxocephalus sp., see Sculpin  
Myrica pensilvanica, see Bay Berry  
Myriophyllum spicatum, XIII-21  
Mysidopsis sp., XX-147  
     almyra, XX-12,26,30  
     bahia, XX-3,7  
Mystic River, II-20; V-46; X-59  
Mysticeti sp., see Whale, Baleen  
Mytilus edulis, see Mussel, Blue

Nags Head Woods, XIX-156  
naked flagellates, VI-39,76  
Nanjemoy Creek, XIX-124  
Nannochloris atomus, VI-72,74  
nanoplankton, VI-49,70,71,73,79,87,90  
Nanticoke River, XIX-110  
Nantucket Harbor, II-15  
    Island, XIX-47  
    Shoals, III-59; V-15,120; IX-9; XI-2; XVII-19  
Nanzatico Point, XIX-134  
Napatree Point, XIX-69,163  
Napaeozapus insignis, see Mouse, Woodland Jumping  
Napley Green, XIX-126  
Narragansett Bay, V-15,16,17,25,41,47,48,49,54,67,95,112,114,121,  
    122,124,138,186,192,227,236,247,277; VII-6,8,11,21; VIII-4;  
    XI-2; XX-127  
Narraguagus River, II-10; V-42  
Narrows Island, XIX-28  
Nassarius obsoletus, V-229,236; XX-13,14,43,52,56,59  
    trivittatus, X-9,28,29,34,35  
Nassawango Creek Furnace, XIX-130  
National Audubon Society, XVI-12,130,131,141  
    Marine Fisheries Service, XI-12,70; XII-3  
    Ocean Survey, IV-150  
    Registry of Unique Environments, XIX-5  
    Survey of Fishing and Hunting, XII-3  
    Wildlife Federation, XVI-131  
national data base, XII-17  
    standards, XI-69

natural fires, V-115,117,119  
     landmarks, XIX-42,62,64,112,155  
     seeps, II-103; XV-17  
 (The) Nature Conservancy, XVI-139  
 Naumann sampler, XVII-13  
 Nauset Spit, II-6,8  
 Naushon Island, XIX-47  
Navicula sp., VI-38,48,61-70,78,83  
     membranacea, VI-83  
     septentrionalis, VI-83  
 navigation, XVIII-12  
Neanthes sp., XX-57  
     arenaceodentata, XX-7,26,28,33,54,56,97,98,99,103,104,106,112,  
     114,115  
 nearshore benthos, X-20  
     environment, IX-3,25  
Necturus maculosus maculosus, see Mudpuppy  
 nektonic estuary, IX-3  
 nematodes, XIV-30,44,115,117,119  
Nematonurus armatus, V-246  
Nemertea sp., X-9,34  
Nemopsis bachei, VII-7  
Neopanope texana, XX-26  
Neotoma floridana, see Rat, Eastern Wood  
Nephtys bucera, X-5,34,35  
     incisa, X-19,28,34,35,49,50,75  
     picta, X-28,35,61,63  
Nereis sp., XIV-101; XX-50,56  
     diversicolor, XX-53,67,71,74  
     succinea, V-229; X-19,68,71,77  
     virens, XX-51,56  
 nesting areas, XVI-139  
     and spawning grounds, XIX-151  
 Neuse River, XX-21  
 neuston net, V-11; VIII-7,8  
     tow, VIII-9  
 New Bedford Harbor, Mass., XVII-19  
 New England Council, XI-68  
     continental shelf, IV-33,42  
     Cottontail, XVI-27  
     estuaries, X-7  
 New Gloucester Black Gum Stand, XIX-18,33  
 New Hampshire, X-8; XVI-20,133,136  
     landings and value, XI-46  
 New Haven dump site, V-239  
     Harbor, X-19,20  
 New Jersey, X-53; XI-2; XVI-73,130,131,133,136,137,138,141;  
     XVI-18; XIX-13,84

landings and value, XI-49  
 New Kent, XIX-154  
 New Point Comfort Lighthouse Island, XIX-134  
 New York, XVI-66,130,133,134,136,137,138,139,141; XIX-13,75  
     Bight, III-2,107; IV-71,77,78,93; V-17,18,20,21,25,26,29,30,51,  
     52,53,54,55,56,57,58,59,60,67,73,74,82,90,102,103,104,121,125,  
     155,179,197,227,239,241,242,285; VII-6,13; VIII-4; X-1,30,31,  
     33,50,52,53,76; XI-38; XVIII-22,29,30,39,41,42; XX-9,10  
     fishery, XI-38  
     Harbor, IV-145; V-21,22,223,24,25,30,70,71,270  
     landings and value, XI-49  
 Newfield Rare Plant Location, XIX-18  
 Newman Sanctuary, XIX-40  
 Newport River estuary, V-244; VII-7  
 Newton Swamp, XIX-62  
 niche preferences, X-78  
 Nichols Preserve, XIX-93  
 Nickel (Ni), V-42,46,47,48,55,61,65,88,89,93,140,142,145,146,147,  
     152,153,155,159,161,170,237,242,246; XX-23,145  
 nightlight, IX-35  
 Nissequoque River, XIX-85,86  
 nitrate, VI-8,13,94  
 nitrifying bacteria, XVII-29  
 nitrite, VI-13,76; VIII-4  
 nitrogen, XX-22  
     limited, VI-71  
     particulate, VI-87  
     phosphorus ratio, VI-71,88,90  
     regeneration, VI-71  
Nitrosocystis oceanis, XVII-29  
Nitzschia sp., VI-39,74,93; XX-114  
     büzingiana, VI-93  
     closterium, VI-77; XX-15,66,67,112,114  
     delicatissima, VI-20; XX-78  
     palea, XX-96,97  
     seriata, VI-17,58,59,61-70,71,78,84  
     vermicularis, VI-93  
Nocardia sp., XIV-118; XVII-14,61  
Noctiluca scintillans, VI-85  
 Norfolk Canyon, X-72  
 Norman Bird Sanctuary, XIX-65,71  
 North Anna River Area, XIX-144  
     Atlantic Central Water Mass, IV-62,63  
     Carolina, XVI-110,133,134,136,137; XIX-13,155  
     landings and value, XI-52  
     Shore Sanctuary, XIX-49

Woodland Beach Wildlife Area, XIX-111  
 Northeast Channel, IV-16,19  
   Fishery Center, XI-70  
 Northern Gulf spill, V-12,112,219  
 Norton Point Beach, II-17  
 Northumberland, XIX-153  
Noturus eleudtherus, see Madtom, Mountain  
Notropis atherinoides, see Shiner, Emerald  
   bifrenatus, see Shiner, Bridled  
   heterolopis, see Shiner, Blacknose  
   heterodon, see Shiner, Blackchin  
   volucellus, see Shiner, Mimic  
 Nova Scotia, IV-33; XVII-13  
   shelf, IV-102  
 nuclear, VI-79,91,93  
   energy, XIX-165  
   power plant, V-6,7,30,65,67,89; VII-19; IX-30,72; X-20,67; XII-18  
   sightings, X-57  
Nucula annulata, X-19  
   proxima, V-161; X-27,29,49,50,54,61,76  
Numenius borealis, see Curlew, Eskimo  
 nursery areas, IX-36  
 nutrient(s), V-66,67; VI-1,47,49,79; XIII-7,8,36  
   dynamics, V-66,67,247  
   excretion, VII-8  
   flux, V-247,248; X-20  
   high, VI-21  
   loading, V-181  
   regeneration, X-2,53  
   rich water, VI-14  
 nutrition and metabolism, VII-4  
 Nutters Neck, XIX-129  
Nyctanassa violacea, see Heron, Yellow-crowned Night  
Nyctea scandiaca, see Owl, Snowy  
Nycticorax nycticorax hoactii, see Heron, Black-crowned Night  
  
 Oaces Sanctuary, XIX-94  
Obelia sp., X-9  
 obligate planktonic dispersal, X-25  
 Occupessatuxet Cove Salt Marsh, XIX-72  
 occurrence, XIII-2,11  
 Ocean City Natural Area, XIX-130  
   Drive, XIX-69,73  
 ocean dumping, V-93,289; X-49; XVII-1,18,19,20,21,22,23,31,39,40,  
   40,42,43,50; XIX-163  
   activity, XVIII-21  
   research, XVIII-35  
   sites, XVIII-2,25,26,27,28,34

surveillance and enforcement program, XVIII-31  
   system, VIII-31,32  
 incineration, VIII-35  
 mining, VIII-1,44,45  
 oceanic current and wind data, V-11  
   gamefish studies, XII-17  
Oceanites oceanicus, see Petrel, Wilson's Storm  
Oceanodroma leucorhoa, see Petrel, Leach's Storm  
 oceanographic features, XIV-1,8,13,20,26,29,33,38,40,47,56,61,64,  
   71,74,79,85,88,91,93,97,103,110  
Ochromonas sp., VI-81  
 Octorato Creek Valley, XIX-123  
Odobenus rosmarus, see Walrus  
 O'Donnell Tract, XIX-116  
Oerstedtia dorsalis, X-9  
 organochlorine(s), XIV-115,121,124,125,143  
   levels, XIV-121,124,125  
 Ogunquit Beach, XIX-20  
Oidemia nigra, see Scoter, Common  
 oil (see also petroleum), VIII-3; XIII-28,29,30,31,32,33,37;  
   XIV-4,5,22,35,128,129,130; XV-15,18,26,27,28,29,32,47,48;  
   XVI-149; XVII-14; XX-9,14,17,18,19,21,24,26,27,28,37,133  
   crankcase, V-15  
   crude, X-77; XVII-50; XX-17,18,20,21,23,24,26,27,29,30,38,42,43  
   concentration, XX-21,23,25  
   degrading bacteria, XX-19,20,21,22,23  
   development, XI-26; XII-18; XIX-165  
   offshore, XI-86; XIV-132  
   diesel, XIII-30  
   dispersant(s), XX-16,18,21,26,42,43,135  
   drift prediction model, V-11,30,33  
   exposure, XX-13,14,25,133,134  
   fuel, XX-17,18,24,26,30,37,38,39  
   lightering, X-57  
   pollution, VII-17; X-33; XIII-24,28,29,31,32; XIV-128; XIX-163  
   incidents, XX-139  
   refineries, XVII-47,48,49; XIX-161  
   removal, XIII-30  
   seep, XX-10  
   slick IV-106; V-10,13,15,17,31  
   (artificial), VIII-10  
   spill(s), V-10,11,13,15,16,18,31,91,229; VIII-4; XI-86,87; XII-18;  
   XIII-27,29,30,31,32; XV-15; XVII-16; XVIII-4,68; XIX-159,163;  
   XX-22,29,122,129,132,133,134,135,136,138,139,149  
   (chronic), XV-15  
   cleanup, XX-145  
   impact, V-233  
 toxicity tests, XX-15,24



oiled marsh surface, XIII-32,33,37  
 oiling, XIII-29,30,31,32  
Oithona nana, VII-16  
 Old Church District, XIX-143  
     Mill Creek Marsh, XIX-109  
 old-growth forests, XVI-147; XIX-75  
 Oldsquaw, V-231; XV-3,14,20,27,31,154,15,156,217,232,240  
Oligocottus maculosus, see Sculpin  
 oligotrophic conditions, VI-1  
Olisthodiscus sp., VI-82  
     luteus, VI-51  
Olor columbianus, see Swan, Whistling  
 Omar Formation, XIX-110  
Onchorhynchus herka, see Salmon, Sockeye  
     kisutch, see Salmon, Coho  
Onisimus affinis, XX-42  
 onshore development areas, XIX-165  
Ophelina abbranchiati, X-14  
Opheodrys aestirus, see Snake, Rough  
     ernalis, see Snake, Smooth Green  
Ophiura robusta, X-14  
     sarsi, X-14  
Opisthorchis tenuicollis, XIV-102  
Oporornis formusus, see Warbler, Kentucky  
 optimum catch levels, XII-16  
     sustained yield, XI-64  
     yield, XI-67,68,69; XII-16  
Orchestia platensis, X-5  
Orcinus orca, see Whale, Killer  
 organic and ash fractions, VII-9  
     carbon, V-180,181,182  
     matter, V-16  
     particulate, IX-73  
 orientation, X-78  
 Oriole, Orchard, XVI-80  
Ornithocercus magnificus, VI-20  
 Orr Preserve, XIX-94  
Oryzomys palustris, see Rat, Rice  
 Osborne Finch Preserve, XIX-25  
Oschmarinella laevicaecum, XIV-73  
Oscillatoria sp., VI-78,80  
Osmerus mordax, see Smelt, Rainbow  
 osmoregulation, XX-11  
 Osprey, XV-12,26,30; XVI-4,16,25,38,52,63,69,80,97,102,106,112,  
     131-132,140,148  
Ostrea edulis, XX-38,40,80,84,111  
     luridea, XX-36  
     sinuata, XX-110

Otostrongylus sp., XIV-115  
 Otter Creek, XIX-94  
     Point Creek, XIX-125  
     Pond Rhododendron, XIX-18  
     River, XVI-40  
 Otterdale Branch Park Site, XIX-142  
 outer continental shelf, V-55; X-50,71  
     sediments, V-104  
 Outer Scott Island, XIX-28  
 outwelling, V-182  
Ovalipes ocellatus, X-24,33  
 overfishing, XI-79  
 overturning, IV-19  
 Owl, Barn, XVI-4,52  
     Barred, XVI-81  
     Great Gray, XVI-25  
     Long-eared, XVI-52,81  
     Short-eared, XVI-4,52,81,147  
     Snowy, XVI-25  
 "Owl Trail" Woods, XIX-105  
 Oxford Prehistoric Indian Site, XIX-128  
 oxygen consumption, X-53  
     depletion, V-181  
     values, X-76  
Oxytosum scolopax, VI-20  
     milneri, VI-20  
     variabile, VI-19  
Oxyura jamaicensis, see Duck, Ruddy  
 Oyster, American, V-89,154,213,226,230,231,238,242,244,256,257;  
     X-63; XI-4,37,49,52,82; XX-37,41,52,54,56,57,68,70,71,80,84,86,  
     91,92,93,94,96,97,98,99,101,104,106,111,112,115,116,117  
     Pacific, XX-68,71  
 Oyster Creek Nuclear Generating Station, X-77  
     "greening", V-244  
     larvae, VII-13  
     Pond, XIX-48  
     reefs, X-54,77  
     Pond, XIX-48  
     River, XIX-42  
 Oystercatcher, American, XV-5,26,41; XVI-4  
  
 Paddlefish, XVI-91  
Pagurus longicarpus, X-24; XX-51,56  
Palaemonetes intemedius, XX-3  
     pugio, XX-3,26,30,31,41,57,58,61,78,83,86  
     vulgaris, XX-51,56,79,83,85  
 paleontological record, X-27

paleontology, XIX-151  
 Palisades of the Hudson, XIX-96  
Palythoa variabilis, XX-14,42  
 Pamlico River Sound, II-40; V-79  
 Pamunkey River, X-67  
     Bottomlands, XIX-142,145  
Panaeus sp., XX-37  
Pandalus sp., X-14  
     **borealis**, see Shrimp, Northern  
     **danae**, XX-33  
     **jordani**, see Shrimp, Oceanic  
Pandion haliaetus, see Osprey  
Pandora gouldiana, X-29  
 Panic-grass, Wild, XVI-120  
Panicum ovale, see Panic-grass, Wild  
 paper mill, V-42,140  
Paracerceis caudata, X-68  
Parafilaroides sp., XIV-114  
Paralia sulcata, VI-61-70,82  
Paralichthys dentatus, see Flounder, Summer  
     **oblongus**, see Flounder, Fourspot  
 Paramore Island (Virginia), II-45; XIX-135  
Paramphinome jeffreysii, X-14  
Paranais litoralis, X-54  
 parasites, XIV-73,81,114,115,117,119  
 parasitic infection, XIV-116,117  
 parasitized, XIV-12,15,30,44,49,51,66,68,86,88,91,96,102  
 Parker Creek, XIX-122  
     Pond, XIX-129  
     River, II-11  
         N.W.R., XIX-48  
         Woodland, XIX-71  
 parks, XIX-137  
 Parsons Beach, XIX-20  
 partial-chronic tests, XX-7,8  
 particle selection, VII-4  
 particulate form, V-51  
     matter, V-42,48  
 partitioning, VIII-10  
Parula americana, see Warbler, Northern Parula  
 Passaic River spill, XX-137  
 Passamaquoddy Bay, XV-14  
Passer domesticus, see Sparrow, House  
Passerculus sandwichensis, see Sparrow, Savannah  
Passerherbulus henslowii, see Sparrow, Henslow's

Pasteurella sp., XIV-117  
 Patapsco Gorge, XIX-120  
     River Marsh, XIX-121  
Pattela vulgata, XX-27  
 Pattagansett Marshes, XIX-79  
 Patuxent River, VII-6,7  
     Estuary, V-77,244  
     Marshes, XIX-120,122  
     Wildlife Reserve Center, XIX-119  
 Pauchaug-Great Meadow Swamp, XIX-64  
 PCB's, XIV-13,15,44,49,68,81,86,96,121; XV-12,14,15; XX-11  
 Pea Island N.W.R., XIX-157  
 PeaPatch Island, XIX-106  
 Pearce Creek, XIX-123  
Pectinaria gouldii, X-19,35  
Pediastrum sp., VI-78  
     simplex, VI-61-70  
 pelagic birds, XV-2,10,47,48,65,67-95  
     fish, VI-15; XI-16  
     tar, V-11,13,14,17,18,36,41,42,212  
     analysis, V-18,19,37  
Pelecanus erythrochynchos, see Pelican, White  
     occidentalis, see Pelican, Brown  
 Pelican, Brown, XVI-102,106,112,132,140,141,145,148,149,150,151  
     Recovery Plan, XVI-133,146  
     White, XVI-4  
Peloscolex sp., X-68  
Penaeus aztecus, see Shrimp, Brown  
     duorarum, see Shrimp, Pink  
     setiferus, see Shrimp, White  
Pennatae sp., VI-84  
 Pennsylvania, XVI-88,135,137  
 Penobscot Bay, V-140,237; X-5,7  
     River, V-42; X-8  
Peprilus triacanthus, see Butterfish  
 peptone, XVII-2,19  
 Pequot-Sepos Wildlife Sanctuary, XIX-79  
     Woods, XIX-80  
Perca flavescens, see Perch, Yellow  
 Perch, Ocean, V-215; XII-8  
     Silver, IX-36,38  
     White, IX-28,31,35,36; XI-86; XII-8,15  
     Yellow, IX-36; XX-46,48,53,60  
Percina macrocephala, see Darter, Longhead  
     phoxocephala, see Darter, Slenderhead  
Percopsis omiscomaycus, see Troutperch  
Percusaria percusa, XIII-11  
Peridinium sp., VI-49,77

brevipes, VI-20  
cerasus, VI-57  
claudicans, VI-57  
depressum, VI-19,20,85  
nudum, VIII-10  
ovatum, VI-57  
steini, VI-20  
trochoideum, VI-85  
triquetrum, VI-89,91  
 periodicity, XIII-2  
 Perkins Pond, XIX-44  
Peromyscus maniculatus, see Mouse, Deer  
Perophora annectens, XX-110  
 Perry Branch, XIX-123  
 persistent chemicals, XVI-5  
 Perth Amboy spill, XX-137  
 pesticide(s), V-86,88,89,93,265,288; VII-19; XV-12,15; XVI-133,140  
     organochlorine, XX-11  
     residues, V-91  
 Petersen grabs, X-57  
 Peterson Gorge, XIX-80  
 Petit Manan Island, XIX-27,33  
 Petpeswick Inlet, Nova Scotia, XVII-17  
 Petrel, Leach's Storm, XV-2,7,8,10,14,20,26,27,36,41,67-95,115  
     Wilson's Storm, XV-2,10,31,67-95,191,192  
 petri dishes, XVII-3  
Petrochelidon pyrrhonota, see Swallow, Cliff  
Petrolisthes armatus, see Crab, Procelain  
 petroleum (see also oil), II-93,94,95,97; XV-15  
     activities, XVIII-1,47  
     biodegradation, V-234,235  
     degraders, XVII-4  
     derivatives, XIII-33  
     emulsifiers, XX-9  
     hydrocarbons, XIII-28,32; XIV-121; XX-1,9,11,12,21,24,26,27,29,  
     30,37,38,39,40,42,44,45,122,125,126,127,128,132,135,139,143,  
     145,148  
     products, XI-85  
     residues, XIII-25; XIV-142,143  
     transportation, XVIII-4  
 Pettaquamscott Cove, XIX-63  
     River Complex, XIX-68  
     Wildlife Habitat, XIX-73  
Phaeocystis sp., VI-22,39,51  
Phaeodactylum tricoratum, VII-17; XX-15,16,51,103,114  
Phalacrocorax sp., see Cormorant  
     auritus, see Cormorant, Double-crested  
     carbo, see Cormorant, Great

Phalacroma rotundatum, VI-57  
 Phalarope, Northern, XV-10,27,43,67-95,197,198  
     Red, XV-2,27,67-95,195,196  
Phalaropus fulicarius, see Phalarope, Red  
 phenolics, XIII-28  
Pherusa affinis, X-28,49,50  
 Phillips Landing, XIX-111  
 Phippsburg Mountain Laurel Stand, XIX-35  
 Phleger corer, XVII-13  
Phoca groenlandica, see Seal, Harp  
     hispidia, see Seal, Ringed  
     vitulina concolor, see Seal, Harbor  
Phocoena phocoena, see Porpoise, Harbor  
Pholeter gastrophilus, XIV-73  
 phosphate, VII-8; XVII-14  
 phosphorous (P), VI-87,94; XX-23  
 photic zone, VI-71  
 photolithotrophs, XVII-2  
 photoorganotrophs, XVII-2  
 photosynthesis (see also primary production), VI-2; VIII-14;  
     XIII-11,12,17,28,33; XX-8,17,18,19,31  
     rates, XX-9  
 photosynthetic efficiency, VI-9  
Phoxinus eos, see Dace, Northern Redbelly  
     erthrogaster, see Dace, Southern Redbelly  
Phylayella littoralis, XIII-31  
Phyllobothrium delphini, XIV-73  
Phyllodoce maculata, X-67,71  
Physalia sp., VIII-1  
Physeter catodon, see Whale, Sperm  
 physical parameter, IX-69  
     stresses, X-6  
 physiography, XI-2; XIX-37  
 physiological conditions, XIII-22,31  
     ecology, XIII-13  
     impairment, XIII-28  
 phytoflagellates, VI-79  
 phytoplankton, V-63,178,247,255,284; VI-21,76; XX-8,17,82  
     ammonia assimilation, VI-91  
     chlorophyll, VI-14  
     diversity, V-179  
 phytotoxicity, XX-18,19  
 Piankatank River, IX-38,68  
 Piccowaxen Creek, XIX-123  
Picoides arcticus, see Woodpecker, Northern Three-toed

Pike, Blue, XVI-69,90  
     Northern, XVI-33  
     Nature Preserve, XIX-80  
 Pilgrim Nuclear Power Station, X-19  
Pimephales promelas, see Minnow, Fathead  
Pinicola ehucleator eschatosus, see Grosbeak, Southeastern Pine  
 pinnipeds, XIV-1,16  
 Pipefish, Northern, IX-30  
 pipeline dredging, V-182  
 Piscataqua River, II-10; IV-113; XVII-18; XIX-42  
     Estuary, XIX-41  
Pitar morrhuana, X-28,29,33,75  
 Pittsville Basin, XIX-129  
Pituophis melanoleucus, see Snake, Northern Pine  
Placopecten magellanicus, see Scallop, Sea  
 Plaice, American, V-215, IX-28,65; XX-34,69,72,91  
Plagiogramma vanneurckii, VI-83  
Planera aquatica, see Planertree  
 Planertree, XVI-120  
 plankton, V-68,85,241,260; XIV-21,22,34; XV-29  
     ecology V-245,248  
     net, VI-49,73,87; IX-35  
     samples, XVII-52  
Planktoniella sol, VI-20,82  
 plant growth, XIII-27  
 plastic particles, XV-15  
 plate sampling, VIII-5,6  
 platforms, XV-29,47  
Platymonas tetrathela, XX-16  
 Pleasant Bay, XIX-58  
Plecotus townsendi virginianus, see Bat, Virginia Long-eared  
Plegadis falcinellus, see Ibis, Glossy  
 pleistocene plant deposits, XIX-106  
Plethodon glutinosus glutinosus, see Salamander, Slimy  
Pleurobema plenum, see Mussel, Rough Pigtoe Pearly  
Pleurobrachia pileus, XX-136  
Pleurosigma sp., VI-61-70,78,83  
     ~~delicatulum~~, VI-93  
 pleuston, VIII-1  
 Plover, Golden, XV-5  
     Piping, XV-5,8,11,26,41; XVI-4,16,52,81,145,147  
     Wilson's, XV-5,26,41  
 Plum Island, II-1,6; XIX-52,86  
 plume, IV-134  
 Plummer Point, XIX-20,25  
     easement, XIX-28  
 Plutonium (Pu), V-189

pneumonia, XIV-114,116  
     verminous, XIV-115  
     viral, XIV-116  
Poaecetes gramineus, see Sparrow, Vespar  
 Pocasset River, X-59  
 Pocaty Creek Swamp, XIX-131  
Pocillopora sp., XX-44  
 Pocomoke River Swamp, XIX-113,127,129,130  
     Sound Wetlands, XIX-128  
     State Forest, XIX-130  
Podiceps auritus, see Grebe, Horned  
     grisegena, see Grebe, Red-necked  
 Podickory Archeological Site, XIX-119  
Podolampas bipes, VI-20  
     palmipes, VI-20  
     spinifer, VI-20  
 Point Look In, XIX-127  
     Lookout, XIX-127  
 poisoning, XVI-147  
 Poland, XI-9  
Polinices duplicatus, X-27,33  
Pollachius virens, see Pollock  
 Pollock, V-215,222; IX-27,33,73; XI-4,16; XIV-101  
 pollutant(s), XIV-44,121,124; XIX-159; XX-8,9,11,12,18  
     exposure, XX-10,13  
     resuspension of, V-179  
 polluted spoil, V-47  
 pollution, VI-79; XI-84; XII-17; XIV-3,12,21,22,35,121,124,127,132,  
     136; XVI-5,142  
     Incident Reporting System, XVIII-4  
     studies, X-75  
 polycarbonate membrane filters, VIII-6,7,14  
 polychaetes, IX-73; XIV-101  
Polydon spathula, see Paddlefish  
Polydora sp., X-19  
     ligni, X-19,25,34,54,68  
     websteri, X-71  
Polygordius sp., X-63  
 polyhaline community, X-70  
     estuarine area, X-32  
 polymyxin B, XVII-18  
Polysiphonia sp., XIII-6  
     elongata, XIII-6  
     lanosa, XIII-6  
     nigrescens, XIII-6  
     subtilissima, XIII-6  
 Pomonkey Creek, XIX-124



Pomoxis annularis, see Crappie, white  
 Pond Creek, XIX-123  
 Poor Preserve, XIX-94  
 Popham Beach, II-4; XIX-29  
 Poplar Hill Creek Area, XIX-113,127  
     Thicket, XIX-109  
 population, XIV-8,13,20,21,22,26,30,33,35,38,39,40,43,44,47,49,53,  
     56,61,62,64,85,86,96,97,106,119,121,125,130,131,133,134; XVI-143  
     changes, XV-30,31  
     characteristics, IX-4,46,51,52,53,54,55,56,57,58,59,60,61,62,63,  
     65,66,67  
     distribution, XIII-36  
     estimates, XIV-1,53,56,61,68,71,77,101,106,110,111  
     fluctuations, XIII-35  
     non-breeding summer, XV-160,177  
     parameters, IX-3  
     structure, IX-5  
 Porcupine, XVI-84,98  
 Pores Creek Indian Shell Middens, XIX-124  
 Poricy Park, XIX-98  
Porosira sp., VI-40  
Porphyra leucostica, XIII-31  
 Porpoise, Harbor, XIV-66,96,97,98,99,100,101,102,121,124,125,126,  
     127,131,132,134,137  
Porrocaecum decipens, XIV-115  
 port(s), XIX-152  
     authorities, XVIII-3  
     conditions, XVIII-1,3  
     facilities, XVIII-1,5  
     principal, XI-31  
     of Baltimore, XVIII-9  
     of Boston, XVIII-4,9,11,15  
     of Hampton Roads, XVIII-4,9,11  
     of New York, XVIII-4,9,11,12,15  
     of Newport News, XVIII-5  
     of Norfolk, XVIII-5  
     of Philadelphia, XVIII-5,11  
     of Portland, XVIII-9,15  
     of Portsmouth (N.H.), IV-21; XVIII-5  
     of Portsmouth (Va.), XVIII-5  
     of Providence, XVIII-5  
     of Wilmington, XVIII-5  
 Port Jefferson, II-17  
     Tobacco, XIX-124  
 Portland White Pine Stand, XIX-18

potable water, II-95,98  
 potassium (K), XVII-72  
 Potomac River, IV-155; V-33,77,78,91  
     Shorelands, XIX-144,146  
Potomatomus saltatrix, see Bluefish  
 Potter Pond, XIX-63  
 Potts Bog, XIX-62  
 pour and spread plate technique, XVII-2  
 Pout, Ocean, IX-27,29,57,58; XI-16,46,71; XIV-101  
Prasinophyte sp., VI-81  
Prasiola stipitata, XIII-31  
 precipitation, III-1,74,75-87,99,115,133,178  
 predation, VII-3; X-68; XV-9,11; XVII-73  
     unusual, XVI-150  
 predator(s), VII-6; XV-6  
     problems, XVI-2  
 Presumpscot River, II-10  
 Prettyboy Reserve Watershed, XIX-120  
Priapulus caudatus, X-9  
 primary productivity (see also photosynthesis), V-66,179,181;  
     VI-48,71,77,79,93; XIII-11,19,20,24,35  
     use areas, XV-42  
 Prime Hook N.W.R., XIX-101  
 Principio Creek, XIX-123  
Prionospio sp., X-25  
     malmgreni, X-8,50  
Prionotus sp., see Searobin, Atlantic  
 productive areas, XIII-22  
     systems, XIII-27  
 productivity, VI-14,16,71,87; IX-2; XI-1,2,9,86; XII-18; XIII-1,8,  
     12,19,22,23,24,35,36  
     annual, XIII-22,27  
Progne subis, see Martin, Purple  
 progradation, II-15,26,45,50,54  
 proportional diluter, XX-3  
Prorocentrum sp., VI-77,89  
     micans, VI-19,84,91; VIII-10  
     minimum, VI-57,84,89,91,94; VIII-10  
     redfieldii, VI-51,57  
     scutellum, VI-84  
     triangulatum, VI-51  
Prosopium cylindraceum, see Whitefish, Round  
 protection, XVI-136,143,145  
 protective habitat, X-77,79  
 proteolytic bacteria, VIII-16  
Protohaustorius deichmannae, X-34,49  
     wigleyi, X-54,61,63  
Prototheca zopfii, XX-20

Providence, XIX-119  
     Harbor, X-75  
     River, V-16,123,227  
 Provincetown, XIX-54  
 Prudence Island, XIX-70  
Psammechinus miliaris, XX-26  
Psammonyx nobilis, X-5  
Pseudacris triseriata, see Frog, Upland Chorus  
Pseudemys robriventris, see Turtle, Red-bellied  
Pseudocalanus sp., VII-4  
     elongatus, VII-5  
     minutus, VII-5,6,7,12  
Pseudomonas sp., V-228,229; XIV-114,117; XVII-14,17,33,61,66  
     cuprodurans, XVII-74  
     halodurans, XVII-16  
Pseudopedinella pyriforme, VI-8  
Pseudopleuronectes americanus, see Flounder, Winter  
Pseudorca crassidens, see Whale, False Killer  
Pseudotriton montanus, see Salamander, Eastern Mud  
 Pteropods, IX-73  
Ptilimnium fluviatile, see River Bishop-Weed  
 public forests, XIX-137  
 Puddleduck, XV-235  
 Puffer, Northern, IX-29,30,31,33; XII-11  
 Puffin, Atlantic, XV-7,8,10,14,26,40,41,67-95,136,204; XVI-16  
Puffinus diomedea, see Shearwater, Cory's  
     gravis, see Shearwater, Greater  
     griseus, see Shearwater, Sooty  
     lherminieri, see Shearwater, Audubon's  
     puffinus, see Shearwater, Manx  
Pulvialis dominica, see Plover, Golden  
 pump-driven system, XX-3  
Pungitius pungitius, see Stickleback, Ninespine  
 Purdy Tract, XIX-80  
 Purgatory Chasm, XIX-69  
 purse seine(s), XI-4  
 Putnam Natural Area, XIX-125  
 Putty Hill Nature Area, XIX-121  
Pyramimonas sp., VI-78,81,93  
  
Quadrula intermedia, see Mussel, Cumberland Monkey-faced Pearly  
     sparsa, see Appalachian, Monkey-faced Pearly  
 Quahog, Ocean, V-224,227,241; XI-37  
 Quicksand Pond Complex, XIX-68  
 Quillwort, River-Banks, XVI-120

Quincy, XIX-52,56  
Quoddy Head, XIX-29  
Quonchotag Pond, XIX-68

Rabbit, Cottontail, XVI-27  
    Snowshoe, XVI-84  
Racquet Road Thicket, XIX-72  
radioactive tracers, IV-64  
radio-telemetry, XVI-140  
Radkin Point, XIX-119  
Rail(s), XV-4  
    Black, XVI-53,81,145  
    Clapper, V-91,92  
    King, XVI-4,81  
    Yellow, XVI-53,81,145

Raja eglanteria, see Skate, Clearnose  
erinacea, see Skate, Little  
garmani, see Skate, Rosette  
laevis, see Skate, Barndoor  
ocellata, see Skate, Winter  
radiata, see Skate, Thorny  
senta, see Skate, Smooth

Rajidae sp., see Skate  
Rallidae sp., see Rails  
Rallus elegans, see Rail, King  
longirostris, see Rail, Clipper

Ram Island, XIX-73  
Ramsey Run Wildflower Preserve, XIX-102  
Rana virgatipes, see Frog, Carpenter  
Rangia cuneata, XX-41,68,71,74,80,84,88,97,98  
range maps, XV-16  
Rangifer tarrandus, see Caribou  
Raphoneis amphiceros, VI-83  
Rappahannock River, II-40,47; V-33,91,244; XIX-144,146  
    Wildlife Management Area, XIX-134  
Rare Hills, XIX-120  
Raritan Bay, X-32,34,35; XX-21  
    River, V-54  
Raspberry Island, XIX-28  
Rat, Eastern Wood, XVI-40,57,86,145  
    Norway, XVI-149  
    Rice, XVI-84  
Rattlesnake, Massasauga, XVI-67,134  
    Timber, XVI-23,35,48,61,145  
Rattus norvigicus, see Rat, Norway

Raven, Sea, V-215, IX-28,29,31  
 Razorbill, XV-14,21,26,40,41,67-95,136,202; XVI-16  
 reactive phosphorus, VI-87  
 recirculating water method, XX-4  
 recolonization of spoil, X-75  
 recovery, XIII-31,32  
     plan, XVI-133,140,142,144,150  
     potential, XV-49  
     team, XVI-121  
 recreation, XIX-161  
 recreational catches, XII-8  
     water uses, XIX-151  
 Red Clay Reservation, XIX-103  
     Point, XIX-123  
 red tide, XV-11  
     water, VI-88  
 redeposition, II-10  
 Redfish, Atlantic, V-72; XI-4,18,21,30,33; XIV-101  
 Redhead, V-231  
 Redin's Island, XIX-25  
 redundancy, XV-6,8,48  
 reef structures, II-93  
 re-establishment, X-57  
 Regional Management Councils, XI-68,70  
 regulations, XI-67  
Regulus satrupa, see Kinglet, Golden-crowned  
 Rehoboth Bay, X-54, IX-35, XIX-109  
 Reid State Park, XIX-30  
Reinhardtius hippoglossoides, see Turbot  
 release program, XVI-139  
 relict fauna, XIX-12  
     flora, XIX-12  
 Remington Farms, XIX-125  
 remote sensing, XIII-19,21,22,24,35  
     microwave, V-31,33  
 renewal water method, XX-4  
 Reppa Pond Sanctuary, XIX-94  
 reproduction, VII-2; XIII-6,7,23,28; XIV-1,12,15,21,27,30,34,39,43,  
     49,51,56,61,66,68,71,77,81,85,88,91,96,101,106,110  
 reproductive periodicity, XIII-15  
 residence time, IV-3,88,114; V-51  
 resident, IX-68  
 residual drift, IV-64  
     transport, IV-139,140,145  
 resistance time, V-181

respiratory activity, XIII-28  
 resting mechanism, X-80  
Retusa canaliculata, X-19,28  
Rhabdonema adriaticum, VI-57  
Rhabdosphaera clavigera, VI-18  
     stylifer, VI-18,20  
Rhincalanus nasutus, VII-11  
Rhizosolenia sp., VI-61-70, 48,58,59,74,77  
     alata, VI-17,20,82  
     calcar avis, VI-17,20  
     cylindrus, VI-20  
     delicatula, VI-20,23,37,74,82  
     fragilissima, VI-17,57,77,82,94  
     hebata, VI-57  
     hebetata semispina, VI-17  
     imbricata shrubsolei, VI-17  
     minima, VI-93  
     setigera, VI-17,20,82  
     stolterfothii, VI-17,20,82  
     styliformia, VI-17,20,57,82  
 Rhode Island, XV-13; XVI-60,137; XIX-62  
     landings and value, XI-48  
     Sound, IV-47,122,128; X-75  
 Rhode River, V-247; X-67  
Rhodomela confervoides, XIII-31  
Rhodonomas minuta, VI-74  
Rhodotorula sp., XVII-17  
     glutinis, XVII-17  
Rhophalaea abdominalis, XX-110  
 Richards Oak, XIX-123  
 ridge(s), II-99  
     and swale, II-83,86,87,106,107  
 Riker Hill Fossil Site, XIX-96  
Rissa tridactyla, see Kittiwake, Black-legged  
 Ritchey Preserve, XIX-25  
Rithropanopeus harrisii, XX-54,57,62  
 River Bishop-weed, XVI-120  
 river(s), XIX-136  
     discharge, IV-42,47,49,64  
 roads, XIX-136  
 Roanoke River Hill Swamp Forest, XIX-156  
 Robins Marsh, XIX-130  
 Robinson-Gilmon Preserve, XIX-50  
 Rock Castle Area, XIX-143  
 Rock-cress, Lyre-leaved, XVI-120

rock outcrops, XIX-64  
 Rock Ridge, XIX-125  
     Run Bird Sanctuary, XIX-125  
 Rockland Bog, XIX-21  
     Cottage Woods, XIX-125  
 Rockrose, Bicknell's Hoary XVI-120  
     Low, XVI-120  
     Rosemary, XVI-120  
 rocky shorelines, X-5,6; XV-11  
 Roque Island, XIX-135  
 Rose Wildlife Refuge, XIX-94  
 rotifers, VII-14  
 Round Bay Bog, XIX-119  
     Island, XIX-21,25  
 Ruecher Wildlife Refuge, XIX-71  
Ruppia maritima, XIII-21  
 R/V EASTWARD, XVII-37  
     RIDGLEY WARFIELD, XVII-37  
Rynchops nigra, see Skimmer, Black  
  
Sabatia spp., see Bitterbloom  
 Saco River, V-237  
 Safford Pond Rhododendron Stand, XIX-34  
 Sagg Swamp Nature Preserve, XIX-94  
Sagitta sp. VII-9  
     elegans, VII-8,10  
Sagittaria teres, see Slender Arrow-Head  
 Sakonnet Point, XIX-69  
 Salamander, Blue-spotted, XVI-34,76,134  
     Eastern Mud, XVI-76  
     Eastern Tiger, XVI-76,95,134  
     Four-toed, XVI-14,34,47  
     Green, XVI-23,95  
     Hellbender, XVI-95  
     Jefferson, XVI-35,76,95  
     Marbled, XVI-22,35,61  
     Mountain, XVI-76  
     Mudpuppy, XVI-47  
     Northern Spring, XVI-35  
     Silvery, XVI-76  
     Slimy, XVI-47  
     Spotted, XVI-35  
 Salem Channels, V-145  
     Maritime National Historical Site, XIX-48  
 salinity, V-54,93,104,105,106,107,108,109,179; VI-13; XII-7,23;  
     XVII-71; XX-11,62  
     annual, IV-15  
     fronts, IX-3

gradient, X-68  
trend, IV-9  
Salmo sp., see Trout  
  salar, see Salmon, Atlantic  
Salmon, Atlantic, IX-27; X-80; XIV-39,57,61,106; XVI-14,22,33,46,67  
  Coho, IX-27  
  Sockeye, XVI-33  
Salmon Falls River, IV-113  
salt diapir, II-87  
salt marsh, II-8,20,48,50; VIII-14; X-6,32; XIII-9,12,13,15,20,23,  
  24,25,27,31,35,36,37; XVI-147; XIX-75; XX-21,135  
  destruction, XI-85  
  ecosystems, XIII-23,32  
  grass, XIII-12,23  
  mud flat interactions, X-20  
  plants, XIII-7,8,12,19,32,35  
  productivity, XIII-8,9,12,19,23,24  
  research, XIII-24  
  stabilization, XIII-23  
  succession, XIII-24  
  vegetation, XIII-19,21  
Salt Meadow National Wildlife Refuge, XIX-75  
  Pond, XIX-21,25  
salt structures, II-72  
  wedge, II-2,10  
saltwater intrusion, XIX-151  
Salvelinus alpinus aurelois, see Trout, Sunapee  
  fontinalis, see Trout, Brook  
  namaycush, see Trout, Lake  
sampling, X-61  
  techniques, V-111  
Sam's Woods, XIX-80  
San Juan Island National Historical Park, XIX-132  
sand, X-70; XIX-152  
  and gravel, II-3,21,56,94,98  
  beach community, X-5  
  body, II-2,11,30  
  bottom, X-80; XVII-19,24  
  dunes, XIX-151  
  flats, X-6  
  medium assemblages, X-29,49  
  plains, XIX-75  
  transport, II-99  
  waves, II-77,99,106,107  
Sand Pond, XIX-18



sand-sedge, XVI-120  
 Sandab, XX-38,97,99  
 Sanderling, XV-27,171,172,173,225,232  
 Sandpiper, Purple, XV-11,27,170,224,232  
     Upland, XV-14; XVI-4,53,81,147  
 Sandy Hook, XIX-97  
     Neck, XIX-46  
     State Park, XX-23  
     coasts, XV-11  
     substrates, X-65  
 Sanford Sassafras Stand, XIX-36  
 Santa Barbara Channel, VII-16  
 Sapsucker, Yellow-bellied, XVI-53  
Sardina pilchardus, XX-34  
 Sargasso Sea, VIII-3,4  
Sargassum sp., V-212,213; XIII-24,25,31  
 Sargent Lots, XIX-44  
     Woodlands, XIX-80  
 satellite monitoring, XVI-140  
 Sauer spill, XX-137  
 Scallop Pond, XIX-94  
 Scallop, Sea, V-213,224; XI-4,22,26,29,30,43,46,48,52,82  
 scanning electron microscopy, V-55  
Scaphiopus holbrooki, see Toad, Eastern Spadefoot  
 Scarboro Marsh, XIX-21,30  
 Scaup, Greater, V-231  
Scenedesmus sp., VI-81,78  
 scenic areas, XIX-137  
     grandeur, XIX-12  
     qualities, XIX-136  
Schroderella delicatula, VI-82  
 Schumaker Pond, XIX-129  
 Schuylkill River, V-172  
     spill, XX-137  
Schwalbea americana, see Chaff-seed  
 Schwartz Preserve, XIX-94  
Scirpus olneyi, see Bulrush, Olney's  
Scolecoides viridis, X-8,34  
Scolecoides squamata, X-5  
Scoloplos acutus, X-25  
Scomber scombrus, see Mackerel, Atlantic  
Scombridae sp., see Tuna  
Scophthalmus aquosus, see Flounder, Windowpane  
 Scotchman Creek, XIX-123  
 Scoter(s), XV-11  
     Black, XV-14,21,27,167,168,169,223,232,242  
     Common, XV-31  
     Surf, V-231; XV-3,27,31,66,165,221,232,242

White-winged, V-231; XV-3,14,21,27,31,161,162,163,222,232,242  
 Scotian Shelf, IV-19; V-66  
Scottolana canadensis, VII-5  
 screen sampling, VIII-5,10,14  
Scuirius niger cinereus, see Squirrel, Delmarva Fox  
 Sculpin, IX-28,29,31,33,45,62,63; XI-16; XX-38  
     slimy, XVI-75  
 Scup, IX-28,29,31,42,46,59,60; XI-37,49; XII-16  
Scytosiphon lomentaria, XIII-31  
 sea caves, XIX-17  
     ducks, XV-11  
     level, IV-67,156  
         rise, II-2,17,21,27,28,40,52,54,55  
         surface microlayer, VIII-1,2,3,4,5,7,8,9,10,14,16,17  
 Sea Lion, California, XIV-113,114,115,124,129  
     Stellar, XIV-113  
 Sea-shore Dropseed, XVI-120  
 Seabass, Black, XII-16,19,29  
 seabed oxygen consumption, V-180; X-32  
 seabirds, XV-5,6,9,14  
 Seabrook Dunes, XIX-37  
     New Hampshire, VII-20; X-12,15,15; XIX-37  
 seafloor spreading, II-63  
 seagrass beds, XIII-15,22,23,27,32  
     productivity, XIII-13  
 Seal, Bearded, XIV-126  
     Gray, XIV-13,14,15,115,116,125,126,128,129,131,132,134,135,137,144;  
         XVI-18,40,84  
     Harbor, XIV-6,8,9,10,11,12,113,114,115,116,124,125,126,129,132,134,  
         137; XVI-18,27,41,57,64,70,84,102,113  
     Harp, XIV-16,115,124,125,126,128; XVI-84  
     Hooded, XIV-16,126; XVI-85  
     Northern Elephant, XIV-113,128,129  
     Northern Fur, XIV-113,114,132  
     Ringed, XIV-126,129,130  
 Seal Island, XIX-35  
 sealpox, XIV-113  
 Seapowet Marsh, XIX-67  
 Searobin, Atlantic, XI-15,28,29,31,33  
 Searsport, Maine, V-12,114; XX-9  
 Seaside Alder, XIX-129  
 seasonal, X-81; XIII-34  
     abundance, VIII-16  
     biomass, XIII-22  
     changes, X-61; XIII-15  
     distribution, IX-25; XV-146  
     flora, XIII-2  
     migrations, IX-38,42,43,68

mortality, X-77  
 occurrence, XIII-6,15  
 salinity cycle, IV-9,14,16,47,114  
 thermal cycle, IV-15,19,38,114  
 variation, IX-69  
 seasonality, X-6,61,70,71  
 seawater, V-17,25,41,48,49,236,260  
 seaweed ecology, XIII-8  
   growth, XIII-2,9,14  
Sebastes marinus, see Redfish, Atlantic  
 Second Island, XIX-28  
 secondary production, VI-15  
 Sedge, Coast, XVI-120  
 sediment(s), II-73,159; V-12,13,16,44,65,84,93,98,102,104,106,109  
   112,114,120,123,128,279; X-27; XIII-31,32,33,34; XX-127,131  
   budget, II-21,45,51,55  
   coarse-grained, X-13,17,27,29,53  
   distribution, II-11,15,26,45,47,48,83; X-50  
   layers, V-140  
   organic content, IX-69  
   preferences, X-61  
   processes, II-61,82,86,92,93,106  
   sawdust-bearing, X-8  
   surficial, II-61,64,68,79,83,85  
   suspended, II-85,91; XIX-159  
     load, II-10,19,47  
   thickness, II-68,79,93  
   transport, II-6,20,47,48,83,93  
   water interactions, V-115  
 sedimentation, II-10,11,19,36,45,47  
   rates, II-8,10,11; V-1,203  
 Segloch Bog, XIX-99  
 seine surveys, IX-30  
 seismic, II-10,63,82,87  
   activity, II-10,82,98  
   studies, XV-38  
 Selborne-Flint Woods, XIX-102  
 Selenium (Se), V-238,240,243; XIV-15,127,128  
 Sellers Park, XIX-104  
 Sephadex column chromatography, V-116  
Serratia marinorubra, XX-20  
 Seth Demonstration Forest, XIX-128  
 Seton Institute, XIX-121  
 Severn Forest-Martin Pond, XIX-119  
   run, XIX-116  
 sewer outfalls, V-25,30,44,145  
 sewage, IX-78; XIII-9,12,13; XX-10  
   bacteria, XVII-73

disposal, X-57  
 drainage, V-31  
 effluent, V-1,31,123; XIX-161; XX-126,127,128  
 loading, XV-11  
 sludge, V-30,44,51,91,114,152,164; VIII-3; X-50,53,76; XVIII-21,22,  
 24,38,39,41; XX-9  
     disposal, V-25,61,161; X-75  
     organic, VII-13  
     treatment plant, X-32; XX-127  
 Shad, American, IX-25,27,36,53; XVI-67,75  
     Hickory, IX-36  
 shallow embayments, X-32  
     inshore continental shelf, X-71  
 Shark, XI-4  
     Basking, V-215  
     Dogfish, XX-10  
     White, V-215  
 Shaw's Meadow, XIX-21  
 shearing strength, II-48  
 Shearwater(s), XV-10,11,14,67-95  
     Audubon's (Dusky), XV-27,67-95  
     Cory's, XV-27,67-95,184,185  
     Greater, XV-2,10,20,27,31,67-95,186,187,188  
     Manx (Common), XV-20,27,30,33,67-95  
     Sooty, XV-10,20,27,31,67-95,189,190  
 Sheep Island, XIX-26,28  
 Sheepscot River, II-10; IV-111; VI-46  
     estuary, VI-46; X-7,8,9  
 Sheffield Cove Salt Marsh, XIX-72  
 shelf edge water mass, IV-59  
     water mass, IV-59,60,62,63,64  
     slope water front, IV-33,47,56,62,63  
 shellfish, V-84,114,152; XII-8; XIX-150  
     beds, XI-85  
 shellfisheries, XI-4,14  
 shelter sites, X-79  
 Sheppard Pratt Forest, XIX-120  
 Shinnecock Inlet, XIX-86  
 Shiner, Blackchin, XVI-91  
     Blacknose, XVI-22,91  
     Bridled, XVI-91  
     Emerald, XVI-33  
     Mimic, XVI-33  
 ship(s), XV-29  
     reports, III-47-58,154  
 Ship Shoal Island, XIX-135

shipping lanes, XV-28  
 shoal(s), XV-10  
     movement, V-183  
 shore whaling, XIV-3,4,5  
 shorebirds, XV-3,4  
 shoreline abatement, XIII-21  
 Shorewood Estate, XIX-126  
 Shrew, Dismal Swamp, XVI-107,113  
     Least, XVI-57,145  
     Long-tailed, XVI-27,41,85  
     Tompson Pygmy, XVI-27  
     Water, XVI-85  
 Shrike, Loggerhead, XVI-4  
 Shrimp, V-215; XI-4,18,22,52; XIV-51,86,106  
     Brown, XX-12,26,30,32,45  
     Northern, XI-46  
     Oceanic, XX-3  
     Pink, XX-12  
     White, XX-45  
Sialia s. sialis, see Bluebird, Eastern  
 side scan sonar, V-179  
 sigma-t, IV-51,55; VI-5  
 Signal Hill, XIX-134  
 silica gel column chromatography, V-133  
 silicoflagellates, VI-1,76  
 silt, X-29,54  
 siltation, X-76  
     rates, X-20  
 Silver (Ag), V-42,61,161,162,237,238,239,240,242,243,246  
 Silver Run Marshes, XIX-106  
 Silverside, Atlantic, V-92,256; IX-28,30,31,33,35,43,45,81; XX-3,  
     69,73  
     Brook, XVI-91  
 Simonton Corner Quarry, XIX-126  
 Sineput Bay, XIX-130  
 Sippewissett Marsh, V-117,119,152,154  
 site tenacity, XV-9  
 size selection, VII-4  
 Skate, X-79  
     Barndoor, IX-17  
     Clearnose, IX-17,51  
     Little, IX-17,18,22,27,29,31,42,51,52  
     Rosette, IX-17  
     Smooth, IX-17,20  
     Thorny, IX-17,21  
     Winter, IX-19  
Skelotonema sp., VI-40,51,74,78,93  
     costatum, V-249,254; VI-15,17,22,37,38,47,48,51,57,58,61-70,

71,72,74,77,78,80,82,89,93; VII-618; VIII-10; XX-3,16,111,114  
 Skeleton Creek, XIX-122  
 Skimmer, Black, V-91; XV-26,31,32,40,134  
 Skink, Coal, XVI-96  
     Five-lined, XVI-35,48,76  
     Ground, XVI-77  
 Skua, XV-27,67-95  
 Slab Bog, XIX-129  
 Slaughter Creek Site, XIX-108  
 sleep phase, X-79  
 slick materials, VIII-10  
     motion, V-31  
 slope water, IV-1,16,33,34,49,85  
 slumping, II-99,100,106,107  
 small scale variability, VII-2  
 Smelt, IX-25,26,27,29; XIV-73,101,106  
     Rainbow, XVI-46,75  
 Smith Island, XIX-127,157  
     Preserve, XIX-21,26  
     Natural Area, XIX-18  
     Tract, XIX-99  
 Smith-McIntyre grabs, X-72  
 Smoky Hollow Bog, XIX-94  
 Snail, Chittenango Ovate Amber, XVI-71  
     Clark's Nantahala Middle-toothed Land, XVI-114  
     Jones' Middle-toothed Land, XVI-114  
 Snake, Black Rat, XVI-36,61  
     Corn, XVI-77  
     Eastern Earth, XVI-77  
         Worm, XVI-35  
     Mountain Earth, XVI-96  
     Northern Cooperhead, XVI-35  
         Pine, XVI-77  
         Red-bellied, XVI-48  
         Scarlet, XVI-77  
     Rough, XVI-48  
     Smooth Green, XVI-23,47  
     Rainbow, XVI-96  
 Soda House Woods, XIX-103  
 soft-bottom benthic community, X-70  
     intertidal communities, X-6  
     substrate, X-13  
 solar radiation, VI-1,3,21; VIII-2,14,18  
 Soldiers Delight, XIX-120  
 Sole, Lemon, XX-35  
 soluble, VI-87  
Somateria mollissima, see Eider, Common  
     spectabilis, see Eider, King

Sorex dispar, see Shrew, Long-tailed  
palustris, see Shrew, Water  
 South Branch, Naamans Creek, XIX-104  
     Essex Sanctuary, XIX-49  
     Hanson Swamp, XIX-46  
     Marsh Island, XIX-127  
     Point, XIX-130  
     River Headwaters, XIX-119  
 Southeast Creek-Brown Creek, XIX-126  
 southeastern evergreen and oak-pine region, XIX-13,96  
 Southern New England fishery, XI-33  
 Soviet Union, XI-9  
 Sowbridge Branch, XIX-108  
 Sparrow, Grasshopper, XVI-4,53,82,147  
     Henslow's, XVI-4,53,82,147  
     House, XVI-149  
     Ipswich, XVI-16,25,38,53,63,69,82,97,102,106,112,147  
     Savannah, XVI-54,147  
     Seaside, XV-4  
     Sharp-tailed, XV-4  
     Vespar, XVI-5,54,82  
Spartina sp., V-213; XIII-31,32,33,34; XIX-78,92,94,95; XX-127  
     alterniflora, II-20; V-63,231; XIII-8,12,19,20,21,22,23,29,31;  
     XIX-54; XX-133  
     patens, XIII-8  
 spawning, XIX-163  
 streams, IX-36  
 species composition, VI-77; XIII-8,21  
 distribution maps, XV-6  
 diversity, VI-79; VII-14  
 noncolonial, X-13  
 opportunistic, X-25  
 rare, XIX-12  
     animal, XIX-17  
     plant, XIX-17  
 restricted, XIX-12  
 soft-bottom substrate, X-14  
 vanishing, XIX-12  
 Spectacle Island, XIX-73  
Sphaerotilis natans, XVII-61  
Sphoeroides maculatus, see Puffer, Northern  
Sphyrapicus varius, see Sapsucker, Yellow-bellied  
 Spiderweed, XIX-74,80  
 Spike-rush, Beaked, XVI-120  
     Salt-marsh, XVI-120  
     Sand, XVI-120  
Spio filicornis, X-25

Spiochaetopterus oculatus, X-19  
Spiophnes bombyx, X-49,63  
Spirorbis sp., XX-72  
    lamellosa, XX-84,112,115  
Spisula solidissima, see Clam, Surf  
Spongomorpha areta, XIII-31  
    spinescens, XIII-11  
    micromorus, XIII-11  
Sporobolus virginicus, see Sea-shore Dropseed  
sport fishermen, XII-1,6  
sportfish catch, XII-1  
    creel census, IX-36  
    effort, XII-12,15  
    statistics, XII-4  
    surveys, XII-4  
Spot, IX-36; XI-52; XX-52,59,62,63  
spring, VI-70; XV-139,142,145,148,149,151,154,157,161,164,167,170,  
    171,176,179,180,183,184,186,189,191,193,195,197  
    bloom, VI-1,3,21,48,49,73  
Spring Creek, XIX-127  
Spruce Hole Bog, XIX-37  
    Swamp, XIX-41  
Squalus acanthius, see Dogfish, Spiny  
Squamscott River, IV-113  
Squid, XI-5,18,30,33,38,39,49,51,61,62,64,66,68,71,73,77,82,86,88,  
    91,96,101,106,110; XIV-57,61; XV-10  
    Longfin, IX-9,12,42  
Squirrel, Delmarva Fox, XVI-98,102,107,133,136,143,148,151  
    Recovery Plan, XVI-134,137  
    Northern Flying, XVI-57  
    populations, XVI-144  
    Run, XIX-80  
St. Andrews, New Brunswick, XVII-16  
St. Catherine Island, XIX-127  
St. Clair Tract, XIX-21,25  
St. Clements Island, XIX-127  
St. Croix National Monument, XIX-30  
    River, II-4,10; V-42,140,141; XV-11  
St. George River, II-10  
St. John River, V-10  
St. John's Pond Sanctuary, XIX-94  
St. John's Wort, Creeping, XVI-120  
St. Jones River, V-164,165,166,167,168,169,170,171  
St. Lawrence River, XVII-17  
    discharge, IV-15  
St. Marys Formation, XIX-121  
    River, XIX-127  
    Park, XIX-116



St. Pauls Pond, XIX-125  
 stability, IV-38  
 Stafford, XIX-153,154  
 standing crop, VI-48,58,76,77,79; XI-10; XIII-1,12,15,19,20,21,35  
 Standish Mountain Laurel Stand, XIX-35  
     Rhododendron Stand, XIX-18  
Staphylococcus sp., XIV-114,116  
 Star Island, X-6  
 Starlings, XVI-149  
 starvation, XV-11,17  
 static acute toxicity tests, XX-2,3,4  
 statically damped corer, V-174  
 Station Ale, VI-47  
 statistical data, XII-3  
 Stave Island Preserve, XIX-26  
 Steep Slope, Woodlawn Forest, XIX-102  
 Stellwagen Bank, IV-113; V-147; XIV-20,22,40,132,135  
Stenella attenuata, see Dolphin, Pacific Spotted  
     coeruleoalba, see Dolphin, Striped  
     frontalis, see Dolphin, Cuvier  
     longirostris, see Dolphin, Long-snouted  
     plagiodon, see Dolphin, Spotted  
Steno bredanensis, see Dolphin, Rough-toothed  
Stenotomus chrysops, see Scup  
Stenura globicephalae, XIV-73  
Stenurus sp., XIV-118  
Stephanolepis hispidus, V-246  
Stercorarius longicaudus, see Jaeger, Long-tailed  
     pomarinus, see Jaeger, Pomarine  
     parasiticus, see Jaeger, Parasitic  
Sterna albifrons, see Tern, Least (Little)  
     dougallii, see Tern, Roseate  
     forsteri, see Tern, Forster's  
     hirundo, see Tern, Common  
     paradisaea, see Tern, Arctic  
 Stickleback, Brook, XVI-33  
     Fourspine, IX-28,33,45; XVI-33  
     Ninespine, IX-28,45; XVI-33  
     Threespine, IX-28,33; XVI-33  
 Stierly Natural Area, XIX-112  
 Still Pond Preserve, XIX-80  
Stizostedion vitreum glaucum, see Pike, Blue  
     vitreum vitreum, see Walleye  
 stock, VI-141  
     abundance, XI-1  
     assessment, XI-5,70  
     size, XI-10  
 stocking, XVI-140

Stockyard Road, XIX-52,56,57  
 stomach analyses, IX-72,73  
 Stone Island, XIX-26  
     Pier, XIX-52,56,57  
 storage basins, X-20  
Storeria occipitomaculata occipitomaculata, see Snake, Northern  
     Red-bellied  
 Stork, Wood, XVI-4  
 storm flooding, XIX-151  
     surge, III-99,107,108-115,146,148  
     tracks, III-91,92,99,100-103,118,133  
 Stover Point Marsh, XIX-27  
 stratified, VI-1  
     water, VI-70  
 stratigraphy, II-63,72  
 stratigraphic framework, II-77  
     history, II-73  
Streblospio benedicti, X-19,25,34,54  
Streptococcus sp., XIV-114,117  
Streptotheca thamensis, VI-83  
 stress, XIII-28,37; XIV-12,15,21,28,30,35,39,44,49,57,62,66,73,77,  
     81,86,88,91,96,102,107,110  
     effects, X-77  
Striatella unipunctata, VI-57  
Strix nebulosa nebulosa, see Owl, Great Gray  
     varia, see Owl, Barred  
Strongylocentrotus droebachiensis, XX-34,129  
 Strontium (Sr), XVII-72  
 structure(s), XIX-163  
 structural framework, II-68,72,73,77,82  
     traps, II-93  
 Stump Point, XIX-129  
 Sturgeon, Atlantic, IX-27,76; XVI-14,34,46,61,67,75,92,121  
     Lake, XVI-92  
     Longnose, IX-25  
     Shortnose, IX-25,27; XVI-14,34,47,61,67,75,92,95,101,105,111,121,  
     147  
 subaqueous bars, II-15  
 sublethal effects, XX-13,15,23,25,27,28,42,45,143,146  
 sublittoral benthic marine algae, XIII-2  
 submarine canyons, II-79; XV-28  
 submerged aquatics, XIX-150  
 substrate type, IX-69  
 subtidal pressure, IV-68,71  
     studies, X-8  
 succession, XIII-24; XIX-24  
Succinea ovalis chittenangoensis, see Snail, Chittenango Ovate Amber  
 Succotash Marsh, XIX-67

Sucker, Longnose, XVI-34,92  
Sunfish, Longear, XVI-34  
sulfur-oxidizing bacteria, XVII-29  
summer, XV-167,185,187,19,192  
    decline, X-57  
Sundew, Thread-leaved, XVI-117,120  
Sunken Bog Natural Area, XIX-18  
    Forest Preserve, XIX-95  
superfluous feeding, VII-5  
supertanker port, V-8,11  
supportive areas, XIX-5  
surface-active materials, VIII-3  
    films, V-17,33  
    microlayer, V-17,47,61  
    sampling, VIII-5  
    slick, VIII-1,10  
    slope water mass, IV-62  
    tension, V-25  
Surirella sp., VI-84  
Surry Mountain Flood Control Area, XIX-44  
suspension feeders, X-17  
Susquehanna Flats, XIX-123,125  
    N.W.R., XIX-114  
    Overlook, XIX-123  
    River, V-63; XIX-123,125  
sustained yield, XI-5  
Swallow, Cliff, XVI-4,54  
Swan Creek, XVI-135; XIX-125  
Swan Point Neck, XIX-123  
    -Tavern Creek, XIX-125  
Swan, Whistling, V-231  
Swett Marshes, XIX-21  
Swift Creek Reservoir, XIX-142  
Swordfish, IX-28; XI-4,18,46,48  
Syllides verrilli X-25  
Sylvilagus floridanus, see Rabbit, Cottontail  
    transitionalis, see New England Cottontail  
Synaptomys cooperi, see Lemming, Southern Bog  
Synaphobranchus kaupi, V-246  
Synedra sp., VI-83  
Syngnathus fuscus, see Pipefish, Northern  
Syracosphaera pulchra, VI-18,20  
  
tagging studies, IX-42  
Talbot County, XIX-128

Tamano spill, V-12,114,220,221  
 tanker sinkings, XX-139  
     vessels, XVIII-4  
 Tanyard Marshes, XIX-122  
 tar lumps, VIII-4  
 Taunton River, IV-121  
 tautog, IX-28,29,31,33,43,60,72; X-70; XII-19  
Tautoga onitis, see Tautog  
Tautogolabrus adspersus, see Cunner  
 taxonomic composition, IX-69  
     work, X-81  
 tectonic, II-63,68  
Tellina agilis, X-19,29,34,49,50,54,61,76  
     tenuis, XX-68,70,71  
Terpios fugax, XX-110  
     zeteki, XX-110  
 test panels, X-77  
 textural, II-68  
Temora longicornis, VII-5,11,12,17  
 temperature, III-1,2,3,4,5,34-45,74 V-93; VI-3; VIII-2,19; IX-69;  
     XIII-7,22,23,36; XVII-67; XX-2,11  
     anomaly, IV-3,7,8  
     Arrhenius characteristic, XVII-69  
     bottom, IV-33,38,39  
     cycles, IX-69  
     isotherms, IX-2  
     seasonal, IV-3  
     trend, IV-3  
 temporal variations, X-27,81  
 Ten Pound Island, XIX-35  
 Ten Rod Marsh, XIX-44  
 Tern(s), XV-10,11  
     Arctic, XV-2,3,26,30,31,38,129; XVI-17,39,54,63,69  
     Black, XVI-17  
     Caspian, XV-3,30,39,133  
     Common, V-91; XV-3,8,12,14,26,30,31,38,130; XVI-17,54,59,63,70,  
     82,97,106  
     Forster's, V-91,92; XV-3,26,38,128  
     Gull-Billed, XV-3,26,30,31,38,127; XVI-4  
     Least (Little), XV-3,8,10,11,26,31,32,39,41,132; XVI-4,17,39,54,  
     63,70,82,97,102,107,112,145  
     Roseate, XV-3,26,30,39,131; XVI-17,39,54,63,70,82,145  
     Royal, XV-3,26,31,39,133  
     Sandwich, XV-3,10,26,31,39,133  
Terpsinoe sp., VI-61-70

Terrapene carolina, see Turtle, Eastern Box  
Terrapin, Northern Diamondback, XVI-36,61  
terrestrial inventory, XIX-7  
test panels  
Tetrabothrius forsteri, XIV-73  
Tetraselmis sp. VI-81  
    chuii, V-254  
tetrazolium reduction reaction, XVII-8  
textural  
Thais lapillus, X-5,6  
Thalasseus maximus, see Tern, Royal  
    sandvicencis, see Tern, Sandwich  
Thalassionema nitzschioides, VI-17,20,61-70,83  
Thalassiosira sp., VI-61-70,82,40,22,51,71,78  
    condensata, VI-77  
    decipiens, VI-17  
    fluviatilis, VII-4  
    gravida, VI-17,82  
    nana, VI-57  
    nitzschioides, VI-15,61-70,58,59,77  
    nordenskioldii, VI-17,20,22,38,39,48,7,82  
    pseudonana, V-249,250,251; XX-16,66,67,114  
    rotula, VI-77  
Thalassiothrix frauenfeldii, VI-20,83  
    longissima, VI-17  
Thames River, Connecticut, X-27  
Tharyx sp. X-19  
    acutus, X075  
thermal discharge, X-19  
    effluent, IX-80; X-77  
    stratification, VI-1  
    tolerences, VII-20  
thermocline, IV-33,34,38; VI-71  
thin layer chromatography, V-41,111,124,254  
Thompson's Island, XIX-109  
Thorn But Marsh, XIX-124  
Thorne Sanctuary, XIX-95  
Thousand Acre Marsh, XIX-106  
Thumpcap Island, XIX-33  
Thrush, Swainson's, XVI-54  
Thryomanes bewickii, see Wren, Berwick's  
Thunnus thynnus, see Tuna, Bluefin  
Thurber Memorial, XIX-95  
Thysanoessa inermis, XIV-21,27,34  
Thyasira sp., X-25

Tickapausha Preserve, XIX-86  
 tidal, VI-90  
     changes, VI-79  
     constituents, IV-88  
     creeks, X-76  
     current velocities, II-11,15,26,30,47  
     ellipse, IV-100,121  
     energy, IV-126  
     fluctuation, XIII-22  
     inlets, XIX-150  
     mixing, IV-15,16,113  
     power, XV-47,48  
     range, II-26  
 Timber and Beaver Swamp, XIX-97  
 Tinicum Marsh, XIX-100  
 Titanium (Ti), V-53,55,61  
 Toad, Eastern Narrow Mouth, XVI-96,134  
     Eastern Spadefoot, XVI-47  
 Tockahoe Creek Area, XIX-142  
 Tomcod, Atlantic, IX-27,31,33,45; XVI-75  
 topography, XIX-137  
Tornatina canaliculata, X-29  
 Torrey Canyon Spill, XIII-29  
Tortanus discaudatus, VII-4,12  
Torulopsis candida, XVII-36  
 total allowable catch, XI-79  
     organic carbon content, XX-26  
 toxic chemicals, XV-28,48  
     compounds, XIII-27  
     effects of oil, V-234; XIII-28  
     materials, XIX-163  
     substances, XI-85  
 toxicity, V-1; X-76  
 toxicological indices, XX-44,47  
 toxins, X-50  
 trace elements, XVII-72  
     metal(s), VIII-4; XV-44  
     toxicity, XVII-73  
 traffic separation schemes, XVIII-15  
 trails, XIX-137  
 trans-esterification, V-124  
 transitional period, VI-5  
 transplantation, XIII-13; XVI-141  
 transportation (see also inbound vessel trips), XIX-159  
     marine, XVIII-1  
     passenger, XVIII-11  
 trap-rock ridges, XVI-147; XIX-75

traps, XI-4  
trawl, IX-35; XI-4  
    semi-balloon, X-33  
trawlers, XV-11  
trawling, X-20  
Treefrog, Gray, XVI-76  
    Pine Barrens, XVI-76,105  
trematodes, XIV-12,30,44,115,118  
Triangle Woods, XIX-104  
Trichechus manatus, see Manatee, Florida  
Trichodesmium sp., VIII-3  
Trichophoxus epistomus, X-54,63  
Trigriopus californicus, VII-17  
Trinectes maculatus, see Hogchoker  
trophic interactions, VII-6  
    levels, X-78; XIII-34  
    relationship, X-69  
    structure, X-63  
Tropical Storm Agnes, II-47; X-70  
    storm frequency, III-1,93  
Tropidoneis sp., VI-61-70  
Trout, XI-52  
    Brook, IX-27  
    Lake, XVI-34,92  
    Sunapee, XVI-22  
Truman Beach, II-17  
Trumbull Woods, XIX-81  
Trustom Pond Complex, XIX-68  
Tubulipora flabellaris, X-9  
Tuckanoe Creek, XIX-122,128  
Tulip Tree Woods, XIX-102  
Tuna, XI-4,18,21; XIV-57  
    Atlantic Bluefin tuna studies, XII-17  
    Bluefin, V-215; IX-28,62; XII-16,17  
turbidity, V-179; VII-13  
    maxima, II-3,47,51,55  
Turbonilla nivea/stricta, X-29  
Turbot, XIV-66  
Turkey, XVI-25,39,82  
Turkey Point Preserve, XIX-95  
turnover rates, X-70  
Turnstone, Ruddy, XV-5  
Tursiops truncatus, see Dolphin, Bottlenose  
Turtle, Atlantic Green, XVI-8,37,48,61,68,77,96,101,105,111,122,138  
    Atlantic Hawksbill, XVI-36,62,68,77,96,101,105,111,122  
    Leatherback, XIV-61; XVI-14,23,37,62,68,77,96,101,105,  
    111,122  
    Loggerhead, XVI-8,14,23,37,48,62,68,77,96,101,106,111,

122,138,145  
 Ridley, XVI-14,23,36,48,62,68,78,96,101,106,111,122  
 Blandings, XVI-23,36,48,62,92  
 Bog, XVI-36,48,68,78,92,96,101,106,134,137,138,147  
 Eastern Box, XVI-36,62  
 Mud, XVI-49,92  
 Pacific Sea, XVI-8  
 Plymouth Red-bellied, XVI-36  
 Red-bellied, XVI-78,93  
 Wood, XVI-62,78  
 Turtle Cove Nature Preserve, XIX-95  
 Creek Wildlife Area, XIX-81  
 Island, XIX-21,26  
 Two Lights, XIX-30  
 "Tyabout" Carolina Bay, XIX-107  
Tyto alba, see Owl, Barn  
  
Uca pugilator, XX-12,54,56,57,61,62,79,83,85,86,88,103,104  
pugnax, V-216; XX-46,138  
 ultraviolet fluorescence spectroscopy, V-25,116; XX-126  
 radiation, VIII-5  
Ulva sp., XIII-15  
lactuca, XIII-31  
Umbellosphaera irregularis, VI-18,20  
Unciola irrorata, X-27,49,63  
 Unicorn Lake, XIX-126  
 Union River, II-10; V-42  
 unique environments in Virginia, XIX-136  
 United Kingdom, XI-30  
 United States fishery, XI-15,22  
   fishing effort, XI-18  
   industry, XI-17,52,58  
   landing statistics, XI-12  
 University of Delaware Woodlot, XIX-105  
 untreated sewage, XI-85  
 updrift offset, II-20,36  
 Uplands Farm Sanctuary, XIX-95  
 Upper Choptank Marshes, XIX-122  
   Nanticoke River, XIX-129  
   Piscataqua River Oyster Beds, XIX-34  
   slope water mass, IV-15,16,17,18  
   Sugarloaf Island, XIX-33  
 upwelling, IV-21,114,151; V-182; VI-14,40,48; XV-10,43  
 urban air particulates, V-115  
 urea-N, VII-8  
Uria aalge, see Murre, Common  
lomvia, see Murre, Thick-billed  
Urophycis chuss, see Hake, Red



reginus, see Hake, Spotted  
tenuis, see Hake, White  
Urosalpinx cinerea, XX-52,56  
Ursus americanus, see Bear, Black  
use classes, XIX-2  
Usher Cove Salt Marsh, XIX-72  
U. S. S. MONITOR, XIX-55  
Utricularia geminiscapa, see Bladderwort, Hidden-Fruited  
olivacae, see Bladderwort, Piedmont

value, XI-43,44; XII-11  
Vanadium (V), V-46,61,145,153; XX-110,111,146  
Van Sciver Lake, XIX-100  
variability, VII-2  
vascular plants, XIII-21  
Vaughn's Island, XIX-21,26  
Vaughn Wildlife Management Area, XIX-116,130  
vegetation, IX-69  
    coastal, XIII-13,22  
Velella sp., VIII-1  
vertebrates, X-77  
vertical migrations, VII-2  
    mixing, VI-8  
    stirring, IV-39  
vessels, XV-28  
vibracores, V-174  
Vibrio sp., V-228,229; XVII-14  
    parahaemolyticus, XVII-52,56,61,64  
Victorella pavida, X-71  
Vinal Nature Reserve, XIX-46,50  
Virginia, X-81; XVI-104,133,134; XIX-13,112  
    Coast Reserve, XIX-132  
    landings and value, XI-52  
Virginia valeriae, see Snake, Eastern Earth  
Virginia valeriae pulchra, see Snake, Mountain Earth  
Virginian Sea, X-71  
visibility, III-1,26,59,62-73,178  
Vole, Beach Meadow XVI-41  
    Block Island Meadow, XVI-64  
    Yellow-nosed (Rock), XVI-27,41  
volunteer organizations, XIX-7  
  
wading birds, XV-3,8  
Wading River Marsh, XIX-95  
    Watershed, XIX-97  
Waldo Preserve, XIX-81

Walleye, XVI-34  
 Walrus, XIV-16,134,144  
 Walston Conservation Area, XIX-129  
 Warbler, Canada, V-88  
     Ceruleau, XVI-54,83  
     Kentucky, XVI-55  
     Magnolia, XVI-55  
     Myrtle, XVI-55  
     Northern Parula, XVI-55  
     Pine, XVI-55  
     Yellow, XVI-4  
 Warehouse Creek, XIX-126  
 Warmouth, XVI-92  
 Warner Wildflower Point, XIX-128  
 Warren Island State Park, XIX-30  
 washover, II-2,6,21,24,30,36  
 waste(s), XIX-159  
     dispersal, V-155; X-75  
     material discharge, V-51,67  
     solid, XVIII-21  
     disposal, X-49  
 wastewater effluents, V-15  
     treatment plant, V-63,65,128,182  
 water(s), V-44  
     coastal, X-30  
     column, X-27  
     depth, IX-69  
     impoundment sites, XIX-137  
     mass, IV-59; XVII-1  
     quality, XVI-133,138  
     samples, V-12,15,17,30,42,46,47,49,51,61,63,65,273; XX-22,23  
     soluble fractions, XX-20,26,28,43  
     temperature, XIII-6,23  
     transparency, VI-1,3  
 waterfowl, XV-2  
     mortalities, V-231  
 watershed, XVI-138; XIX-138  
Watersipora sp. XX-72  
     cucullata, XX-84,112,115  
 wave(s), III-4,23,24,47-58,99,107,123,148,159  
     internal, IV-106  
     significant height, IV-62  
 weakfish, IX-28,29,31,32,33,36,42,60,78; XI-37; XII-1,6,8,9,11  
 Weasel, Least, XVI-98  
 weathering, V-1,6,17,18,112,226,230,233; XX-19,20

Webhannet River, II-4,10  
 Weir Nature Preserve, XIX-81  
 Welch's Island, XIX-28  
 Weld Sanctuary, XIX-95  
 Wells, (Maine), II-4,10  
     Mountain Laurel Stand, XIX-36  
 Wesquage Pond, XIX-73  
 West Chop Woods, XIX-50  
     Falmouth oil spill, V-112,116,224,225,226,233; XX-135  
     River, V-33  
     Yaphank Woods, XIX-86  
 Western Run Valley, XIX-120  
 western Scotian shelf, IV-9,15,16,19  
 Westover Spring, XIX-128  
 wetland(s), XIII-21,24; XIX-50,137  
     inland, XIX-13  
     marine, XII-17,18  
     modification, XIX-155  
     reduced, X-20  
     tidal, XIII-21  
 Weymouth Landfill, XIX-53,56,57  
 Whale, Baleen, XIV-57,61,119  
     Beluga, XIV-102,103,104,105,106,107  
     Blainville's Beaked, XIV-110,111,112; XVI-85  
     Blue, XIV-28,29,30,35,131; XVI-18,27,41,57,64,70,85,103,108,113  
     Bowhead, XIV-3,6; XVI-18,41,64,70,85,103,108,113  
     Cuvier's Beaked, XIV-107,108,109,110  
     Dwarf Sperm, XIV-53  
     False Killer, XIV-119  
     Finback, XIV-22,23,24,25,26,27,28,35,58,128,131,132,133,134,135;  
     XVI-18,27,41,57,64,70,85,103,108  
     Gervais' Beaked, XIV-111,112  
     Goose Beaked, XVI-85  
     Gray, XIV-113,128  
     Gulf Stream Beaked, XVI-85  
     Humpback, XIV-3,5,6,39,40,41,42,43,44,77,128,131,132,133,134,135,  
     137; XVI-18,28,41,58,64,71,85,103,108,113  
     Killer, XIV-57,58,59,60,61,62,115,119,131  
     Long-finned Pilot, XIV-62,63,64,65,66,68,119,120,126,131  
     Minke, XIV-35,36,37,38,39,131,133,135  
     Northern Bottlenose, XIV-53,54,55,56,57,131  
         Right, XIV-3,6,17,18,19,20,21,128,131,132,133,135,137;  
         XVI-18,27,41,58,64,71,85,103,108,113  
     Pygmy Sperm, XIV-49,50,51,52  
     Sei, XIV-30,31,32,33,34,35,128; XVI-27,41,58,64,71,85,103,108,114  
     Short-finned Pilot, XIV-62,66,67,68,69,119,120  
     Sowerby's Beaked, XIV-110,112  
     Sperm, XIV-44,45,46,47,48,49,119,131,13,135; XVI-28,41,58,64,71,

85,103,108,114  
 True's Beaked, XIV-111,112; XVI-86  
 whaling, XIV-4,5,17,21  
 Wheaton Farm, XIX-50  
 Whelk, Channeled, V-239; XX-68,71,73  
 whirlpools, XV-11  
 White Clay Creek, XIX-104  
     State Park, XIX-105  
     Oak Grove, XIX-81  
     Swamp, XIX-142  
     Pine Woods, XIX-121  
 Whiteley Farms, XIX-104  
 Whitefish Lake, XVI-22,92  
     Round, XVI-47  
 Wicomico River, X-67  
     State Forest, XIX-129  
 Wild Indigo, Blue, XVI-120  
 Wilder Wildlife Area, XIX-108  
 wildlife areas, XIX-150  
     habitats, XIX-136,138  
 Wilkinson Basin, V-185  
 Willet, XV-5,26,41; XVI-55  
 Williams Mill Pond, XIX-156  
 Williamsburg Natural Environs, XIX-148  
 Williston Lake, XIX-122  
 Wilmington Canyon, V-127  
Wilsonia canadensis, see Warbler, Canada  
 wind(s), III-1,2,4,6-17,25,26,46,47-58,94,99,106,134,139,148,159,  
     177  
     mixed layers, VI-7  
     speed, VIII-2; IX-69  
     stress, III-1,138,159,167-172; IV-33,65,67,68,71,78,81,82,156;  
     VI-1,3  
     and tidal current conditions, V-11  
 Wingaersheek Beach, XIX-52  
 Winnapaug Pond Complex, XIX-67  
 winter, XV-44,148,170,179,180,182,193,201,202,203,204  
     habitat, XVI-2,143  
 wintering, XV-26,27,138,141,144,147,150,153,156,158,159,160,163,166,  
     169,173,174,175,178,181,207  
     waterfowl surveys, XV-4,46  
 Wintether Woods, XIX-103  
 Wiscasset, Maine, X-7  
 Wolf, Eastern Timber, XVI-28,64,71,150  
 Wolf Glade Marsh, XIX-109

Neck Site, XIX-109  
 Pond Sanctuary XIX-95  
 Wolfe Easement, XIX-28  
     Preserve, XIX-26  
 Wolfpits Nature Preserve, XIX-81  
 Wolfswamp Sanctuary, XIX-86,95  
 Wood Duck Swamp, XIX-81  
     Preserve, XIX-81  
 Woodland Beach Wildlife Area, XIX-107,111  
     Stage Islands, XIX-40  
 Woodpecker, Hairy, XVI-4  
     Northern Three-toed, XVI-25  
     Red-bellied, XVI-55  
     Red-cockaded, XVI-97,107,112,133,141,148,150  
         Recovery Plan, XVI-134  
     Red-headed, XVI-4,56,83  
 Woods Hole, V-13,226; X-17  
     sewage outfall, X-29  
 Woodstock, XIX-120  
 Woolwich Dike, XIX-21  
     Mountain Laurel Stand, XIX-35  
 World Wildlife Fund, XVI-122,133  
 Wreck Island, XIX-21,26  
 Wren, Berwick's, XVI-4  
     Short-billed Marsh, XVI-56,83  
 Wye House & Plantation, XIX-128  
     Institute, XIX-113,126  
     Mills Pond, XIX-126  
  
 X-ray fluorescence, V-55  
Xanthoria parietina, XX-35  
Xiphias gladius, see Swordfish  
  
 Yarrow Nature Preserve, XIX-95  
 yeast, XVII-17  
Yoldia limatula, X-28,29,49  
 Yonkers Nature Preserve, XIX-95  
 York, XIX-154  
 York River, V-33,78,91,94,244; VII-7; X-67,68,70; XIX-145; XX-134  
     Area, XIX-148  
     spill, V-229,233  
     Sassafras Stand, XIX-36  
 Yorktown Waterfront, XIX-148  
  
Zalophus californianus, see Sea Lion, California

Zekiah Swamp, XIX-113,124

Zinc (Zn), V-42,44,46,47,51,54,55,60,61,63,65,66,88,93,140,  
142,145,146,147,152,153,155,160,161,163,164,171,172,174,237,  
238,239,240,241,242,243,244,246,281; XIII-33; XX-23,111-120

Ziphius cavirostris, see Whale, Goosebeak

zonation, XIII-2

of salt marsh macroalgae, XIII-7

zooplankton, V-84,85,87,94,178,216,271,218,236,241,271,284,288;  
VI-15,91; XIV-20,34; XX-7

grazing, VI-49,70,71

Zostera spp., XIX-8

marina, XIII-12,13,22,23,32,33,34; XX-131

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