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Summary of Environmental Information on the Continental Slope Canadian/United States Border to Cape Hatteras, N.C. Appendices A, B and C

Research Institute of the Gulf of Maine, Portland

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May 76

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This volume contains Appendices A to C, inclusive. These appendices consist of: Research Activities, Bibliography and Index.

16. Abstract (Limit: 200 words)

The results of an environmental survey of the Mid-Atlantic and North Atlantic Regions of the Outer Continental Slope are described. This region is the area extending from Cape Hatteras, N.C. to the U.S./Canadian border and from the 200 to 2000 meter depth contour; however many topic areas include information from the continental shelf break to the Gulf Stream. The continental slope is a complexed feature representing the transition between two principal levels of the earth's surface, the low density rocks of the continent and the high density rocks of the ocean floor. In the northwest Atlantic, the slope width averages 100 km(62 mi). This relatively narrow band of ocean is a region of change. The geologic structure is a transitional one. The physical and chemical characteristics of the water are highly variable, reflecting the mixing between several major water masses; the coastal waters, Gulf Stream, Labrador Current and western boundary undercurrent. The flora and fauna of the study region are highly diverse, representing a change between the shallow boreal shelf biota and the tropical and warm, temperate oceanic biota in the pelagic realm; and between the abundant, adaptive fauna of the shelf floor and the sparse, conservative fauna of the deep ocean floor in the benthic realm.

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b. Identifiers/Open-Ended Terms

North Atlantic Region, Mid-Atlantic Region, Outer Continental Slope, Woods Hole Oceanographic Institution Cruises

c. COSATI Field/Group 8A, 8G, 8H, 8J

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APPENDIX A

RESEARCH ACTIVITIES

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A.1 HISTORICAL EFFORT

A.1 HISTORICAL EFFORT

A synopsis of the historical research effort since 1960 by the Woods Hole Oceanographic Institution vessels ATLANTIS, ATLANTIS II, KNORR, and CHAIN in the continental slope area is given in the following section. Although cruises by vessels of other institutions have also contributed to knowledge of the continental slope, this collection probably represents the largest contribution of a single institution. The cruise descriptions are given in Table A-1 and the publications resulting from them in Table A-2.

Table A-1. Oceanographic cruises that included slope waters by the Woods Hole Oceanographic Institution 1960-1974.

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Atlantis	260	10/11/60-11/7/60	Environmental & water structure studies between Bermuda & Eleuthera. Make velocimeter lowerings, & recordings of ocean noises & whales. Geologic investigations of slope & rise off New England & Blake Plateau.	x
Atlantis	294	(Approx.) 7/8/63-7/18/63	Student cruise-Exploration of Cape Cod Bay & southern Gulf of Maine, east to continental slope. Instruction in seismic reflection, profiles will be made, utilizing the continuous seismic profiler & echo sounder. Dredging program in Oceanographic Canyon.	x
Atlantis	296	8/3/63-8/13/63	Student cruise-Instruction in geology--rock dredging, coring & bottom probes in New England Seamounts. Extensive bathymetry-utilizing moored marker buoys.	x
Knorr	5	6/26/70-7/10/70	A three-mooring array was set, incorporating engineering tests. Two engineering moorings were set to test wire & investigate fishbite problem. Recovery of moorings set previously. Intensive hydro stations, BT's and LSD*stations were made, also further testing of the AMF range and bearing gear.	x

*lowered sensing device

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Knorr	9	8/24/70-9/3/70	To obtain further intercalibrations and further tests of methods to be employed during the GEOSECS program starting in 1971.	x
Knorr	12	9/21/70-10/2/70	To obtain large-volume water samples with Nansen bottles, Niskin bottles, and nephelometer readings for WHOI & Dalhousie Univ. Lab work included determinations of salinity, temperature, oxygen, silicate & filtration of suspended matter.	
Knorr	17	12/3/70-12/17/70	Recovery of bottom & fishbite moorings & setting of a four-month engineering wire test mooring, 2 intermediate depth moorings, and a seven-mooring array of bottom moorings along the axis of the Gulf Stream.	x
Knorr	25	2/5/72-2/16/72	Recovery of approx. 10 large-diameter cores (in excess of 100') on the Antilles Outer Ridge. Also, 3.5 kHz profiles will be run on the Outer Ridge to determine the orientation of the internal structures of the sediment dunes. Hydrographic casts will be made and bottom photographs will be taken.	x
Knorr	26	5/17/72-6/5/72	Setting and retrieving of moorings. Other work completed was ten C.T.D. stations, 18 hydrographic stations, and 42 expendable B.T.'s. 12 carboys of Sargasso Sea water were collected.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Knorr	33	9/13/73-9/24/73 (Leg 1) 9/27/73-10/7/73 (Leg 2)	Testing of pop-up net near the shelf edge, also programs conducted at deep station east of Bermuda, including--pop-up net, bottom trawls, benthic free vehicle traps, deep water samples, bottom cores & SCUBA observations. Scientific programs include high pressure physiology, chlorinated and petroleum hydrocarbon distribution, nitrogen fixation, natural history & physiology of salps & siphonophores & radar observation of bird migration. Second leg--bottom cores, trawls & water samples, SCUBA observations & bird observations.	
Knorr	38	3/24/74-4/4/74 (Leg 2)	Biology of the Gulf Stream Rings, collection of planktonic larvae, study of the effect of controlled amounts of Cu on the heterotrophic activity of natural microbial populations, possible reconnaissance of cold water blobs at continental shelf/slope water interface, and testing of Omega navigation system.	
Knorr	39	4/8/74-4/25/74	Setting & recovering of moorings, XBT's taken, launching of SOFAR float, a biological deep-sea sample will be taken; & a CTD station will be made at each mooring site.	

Table A-1 (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Knorr	40	4/29/74-5/23/74	Tracking the 15° isotherm at 200 meters with XBT's to determine position of the Gulf Stream, time series of profiles of horizontal current with an acoustically self-navigating dropsonde, & CTD stations in the vicinity. Also, the vertical current meter/float & simple near surface drogues will be used.	
Knorr	43	10/26/74-11/3/74 (Leg 1) 11/4/74-11/24/74 (Leg 2)	XBT & deep hydro sections to the bottom will be carried out. Establishment of the layer depth & heat content of the Northern Sargasso before the onset of winter & to obtain precise measurements of the surface & thermocline water masses.	
Knorr	47	2/4/75-2/18/75 (Leg 1) 2/21/75-3/3/75 (Leg 2)	Water samples, coring, bottom & sub-bottom profiles. Second leg-To measure the metabolism of deep-sea benthic communities along the Gay Head-Bermuda transect. Setting and recovering of two free-vehicle respirometers on the Bermuda Rise & Hatteras abyssal plain & benthic trawling, coring & water sampling.	
Knorr	48	3/7/75-3/21/75	XBT section & shallow hydro stations will be made, study of large eddies, if encountered, with deep stations. If deep sinking of 18° water is indicated by the XBT's survey may be interrupted to observe.	

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Atlantis II	1	2/21/63-3/5/63 (Leg 1) 3/11/63-3/29/63 (Leg 2)	Echo sounding, camera lowerings, dredge hauls, use of radio buoy, plankton tows. CSP (booming), heat flow, & oblique reflection profiles.	x
Atlantis II	18	1/4/66	Survey & tracking of eddies utilizing the towed V-fin, hydrographic stations & bottom current meters.	x
Atlantis II	24	8/15/66-8/25/66	Series of bottom trawls with the epibenthic sled.	x
Atlantis II	28	11/1/66-11/22/66	Measurement of the Gulf Stream flow, BT and echo sounding profiles will be made.	x
Atlantis II	38	10/11/67-10/31/67	Three Dazzler water stations & shallow plankton tow made in Gulf Stream. Tracing & observations of eddy, using parachute drogues & lowered current meters. Twenty hydrographic stations & 10-15 Dazzler stations are planned.	x
Atlantis II	51	8/8/69-8/31/69	To track drogued buoys in the Gulf Stream. Also, XBT's, surface layer drogues, current measurements, and observations of surface temperature & salinity.	x
Atlantis II	62	9/27/71-10/18/71	Tracking of migrant birds using radar, ceilometer lights or narrow-beam spotlights, tracking of balloons & flying of kite-toons with cloud detector, collection of sample of birds, flying fish, dolphin & Sargassum weed for IDOE pollution baseline studies. Also, day & night plankton tows.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Atlantis II	71	9/20/72-10/15/72	To make initial biological, physical & chemical observations on a cyclonic (cold core) ring to determine its uniqueness with respect to surrounding Sargasso Sea water mass. Also, a brief sampling of a warm core ring, measurements of PCB uptake by Sargassum animals; radar tracking of bird migration, sampling of interstitial solutions from upper meters of sediments, examination of high molecular weight organic matter dissolved in sea water, collection & exam. of euphausiids for molting frequency, measurement of small scale patchiness in phytoplankton, measurement of Sargassum photosynthesis & collection of Sargassum samples for lab. culture.	x
Atlantis II	81	2/1/74-2/8/74	Projects include: large vol. water samples, plankton tows, cores, BT, STD cast, Nansen casts & benthic trawls.	
Atlantis II	85	8/26/74-9/12/74	Core summary, hydrographic stations, plankton tows, dredge summary.	
Chain	9	Sept.-Oct. 1959	Camera lowerings, pinger records, R.A.T. records, C.T.R. tower, dredge hauling.	x
Chain	12	4/4/60-6/16/60	Resurvey of the Gulf Stream & adjacent areas.	x
Chain	15	1/9/61-1/14/61	To occupy a section of hydrographic stations for chemical and physical observations between Montauk Point & Bermuda, to take both phytoplankton & zooplankton samples along this section, and to conduct lab. experiments on the physiology of the plants, animals & bacteria found.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	17	2/1/61-5/1//61	Plankton tows buoy stations, scatter & reflection, observing whales, hydro stations, water samples & mid-water trawling.	x
Chain	22	1/10/62-1/16/62	Repeated coverage of A.E.C. stations, sparking, plankton & surface water sampling. Also routine cruise bathymetry accomplished.	x
Chain	29	7/29/62-8/14/62	Sound transmission experiments & reconnaissance surveys.	x
Chain	30	8/22/62-8/30/62	Echo sounding & continuous seismic profiling (sparking).	x
Chain	31	9/4/62-9/7/62	Echo sounding, continuous seismic profiling (sparking), (booming), continuous gravity measurements.	x
Chain	32	9/11/62-9/21/62	Sound scattering and mesopelagic fish studies in Gulf of Maine. Frequency migration of scatterers off Emerald Bank, search for Alex Acres in waters east and northeast of Georges Bank, mid-water trawling, bioluminescence studies, sparking on scattering layers, study of whale and porpoise sounds, ichthyoptometry & streak studies.	x
Chain	39	8/23/63 9/23/63	Investigation of distribution of plankton, continuous echo-sounding, gravity measurements, seismic profiling, heat flow measurements, and dredge-camera studies.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	51	7/22/65-8/31/65		x
Chain	53	10/14/65-10/27/65	Brief survey conducted with CSP & high resolution sounding to ascertain whether or not there is a general uniformity in the sedimentary structure over set area. A taut-line moored buoy will be employed & hydrophone & radio transmitter attached to same. Bottom photography will also be used.	x
Chain	57	2/16/66-4/21/66	Investigation of the Outer Ridge and adjacent Puerto Rico trench north of P.R. Deep-anchored taut-moored buoys were set & retrieved, an acoustic source tested, measurements of gravity and total intensity magnetic fields, high-resolution echo sounding, continuous seismic profiling & keel-depth temperature measurements with a hull-mounted quartz thermometer. Also, coring, dredging & underwater photography.	x
Chain	58	4/27/66-5/5/66	Collection of samples of deep-ocean benthic animals, open-ocean pelagic larvae of benthic invertebrates, study of living euphausiids, chemical & physical measurements of seawater at various depths, measurement of concentration of organic matter with depth, light scattering measurement & cruise documentation.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	63	2/14/67-2/27/67	Servicing of buoy stations on the 70th Meridian transect. Hydro stations & B.T.'s will be taken near each mooring; two in-situ salinometers will be tested & several stations will be made with sediment probes for heat flow measurements & to take short cores.	x
Chain	66	4/18/67-4/29/67	Servicing of first of six buoy stations of the 70th Meridian buoy transect. Hydrographic stations and STD lowerings will be made at all buoy stations. Bathymetric surveys will be made and dragging operations will be attempted.	x
Chain	67	5/10/67-6/9/67	Echo sounding, oceanic front survey.	x
Chain	68	6/16/67-6/27/67	Setting & recovery of 15 experimental moorings, tests of Raytheon & Remaco acoustic releases, sea trials of Geophysics Department's shipboard computer, Ekman wind instability experiments, hydro stations & BT's.	x
Chain	70	7/12/67-8/2/67	Geophysical Investigation of the Continental Rise.	x
Chain	73	9/7/67-9/26/67	Geophysical Investigation of the Continental Rise, continuous gravity & magnetic measurements.	x
Chain	71	8/7/67-8/18/67	Servicing of the 70th Meridian buoy line (recovery and setting of buoys), hydro stations, LSD lowerings, towed experiments, possible dragging.	x

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	72	8/22/67-9/1/67	To determine the vertical & spatial distribution of particulate & dissolved organic matter and carbonates in relation to vertical stability of the water column. Also, zooplankton distribution & mid-water trawls.	x
Chain	74	10/3/67-10/11/67	Servicing of deep moored station buoys on the 70th Meridian Transect.	x
Chain	78	3/8/68-3/23/68	Collection of data on the initial establishment of the seasonal thermocline as it first begins to form in the winter-mixed surface layers in the Sargasso Sea.	
Chain	93	6/24/69-7/[illegible]/69	To study the transient Gulf Stream meanders, continuous observations of surface temperature, surface salinity & bathymetry.	x
Chain	98	2/26/70-3/15/70	Setting & retrieving of moorings, hydrographic stations taken, XBT's, scattering layer taken during the partial eclipse on the sun, collection of Sargassum weed, day spent surveying the southern warm patch.	
Chain	101	1/30/72-2/14/72	Continuation of ocean buoy engineering studies on the 70°W transect, STD lowerings, hydrographic casts, BT casts & the launching of a SOFAR probe in the MODE area.	
Chain	106	9/15/72-10/18/72	Concentration in underwater acoustics, tests of free drifting, SOFAR-channel-depth, Swallow floats were conducted. Also, towing of STD package, continuous program of XBT profiles maintained. Leg 2--Measurement of temporal and spatial coherence of long range, mid-water, low frequency acoustic propagation. Chain deployed a three element triangular beacon net about the	

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	106 (cont.)		ACODAC set and conducted a 24 hour echo sounding survey of the ACODAC deployment area. STD lowerings were conducted and acoustic data was collected using a ship suspended hydrophone. XBT profiles maintained throughout the experiment.	
Chain	107	10/22/72-11/10/72	Buoy work, hydrographic stations and STD stations.	x
Chain	108	11/13/72-11/27/72	Preliminary STD station made. Primary purpose of cruise is to prepare scientists for the forthcoming MODE experiment in the spring of 1973. Recovery and launching of SOFAR floats, STD and CTD systems will be tested.	
Chain	111	2/6/73-3/3/73	Effort to describe seasonal differences in the biochemical cycle in the variety of discrete water masses which occur between Woods Hole and Bermuda. Two legs.	
Chain	112	3/25/73-4/5/73 (Leg 2) 3/6/73-3/20/73 (Leg 1)	Leg 1 and II of the MODE program. Leg 1--Recovery & setting of moorings, CTD station at each new mooring. Leg II--Setting of intermediate moorings and CTD stations at each new mooring.	x
Chain	114	9/20/73-10/20/73	Observation of the relative positions of the slope current (the Atlantic current) and the Gulf Stream just before and after these currents pass south of the Grand Banks of Newfoundland.	
Chain	123	6/10/75-6/24/75	Primary objective--Measurement of the metabolism of deep-sea bentnic communities along the Gay Head-Bermuda transect. Setting and recovering of two free-vehicle respirometers on the Bermuda Rise, Hatteras abyssal plain and continental rise.	

Table A-1. (cont.)

Vessel	Cruise Number	Inclusive Dates	Purpose & Description	Resulting Publications
Chain	123 (cont.)		Also planned--coring, water sampling, bottom photography, and benthic trawling.	
Chain	124	7/1/75-7/18/75	Deep trawling across the continental rise south of New England with some sampling on the slope & Hudson Canyon. Work on genetic polymorphism in deep-sea fishes, parasitology of deep-sea fishes and heavy metal concentrations in deep benthic animals. Also, time devoted to water sampling, recovery of a free-vehicle respirometer.	
Chain	125	7/31/75-8/18/75	Study of zooplankton patchiness in the slope water and in a Gulf Stream cold core ring, study of rates of metabolic pathways involved in carbohydrate and lipid metabolism in various tissues of midwater organisms, to conduct in situ diving studies of zooplankton, to collect & culture oceanic species of diatoms & flagellates and to collect water samples for analysis of metals & organic matter. Also, to conduct studies of the deep chlorophyll maximum in the Sargasso Sea and to set a free vehicle current meter array south of the Gulf Stream.	
Chain	126	8/22/75-9/3/75	Program will include--hydrography, turbidity measurements, sampling for pelagic organisms and benthic sampling.	

A.1.2 Resulting Publications (Table A-2)

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS 260
Ship Ship No.

Publications:

Pratt, R. M. "Report on ATLANTIS Cruise #260, II Oct. - 7 Nov. 1960" WHOI, May 1962. WHOI #62-19

"Data File-Continental Margin Program, Atlantic Coast of the United States, Vol. I" WHOI, March 1966. WHOI #66-8

Pratt, R. M., Dunkle, W. M. "Track Charts, Bathymetry, and Location of Observations" WHOI, March 1965. WHOI #65-15

Voorhis, Witzell, Hess, Dow, Stillman, Olmstead, Broughton, Birch, Hays, Bunce, Reitzel, Rothe, Dunkle, Arend, Hersey, Knott, Caulfield, Fahlquist, "Oceanographi and Underwater Acoustics Research Conducted During the Period I May-31 Oct. 1961" WHOI, March 1962. WHOI #62-14

Hays, Voorhis, Fahlquist, Hersey, Bunce, Parker, Broughton, Graham, Hess, "Oceanographic and Underwater Acoustics Research Conducted During the Period I Nov.-31 April 1961" WHOI, May 1961. WHOI #61-16

Hays, Reitzel, Erlanger, Fahlquist, Hersey, Bunce, Stetson, Dimock, Dow, Stillman, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1960" WHOI, Jan. 1961. WHOI #61-2

Pratt, R. M. "Technical Memorandum #IO-60 - Cruise Plans for ATLANTIS Cruise #260 Oct. - Nov. 1960" WHOI, Oct. 1960. WHOI TM #IO-60

"Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1964" WHOI, March 1965. WHOI #65-12

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS 260
Ship Cruise No.

Publications:

Voorhis, Broughton, Gallagher, Hays, Birch, Caulfield, Fahlquist, Hersey, Workum, Ryan, Nalwalk, Bowin, Pratt "Oceanographic and Underwater Acoustics Research Conducted During the Period I Nov. - 30 April 1962" WHOI, Sept. 1962. WHOI #62-15

Hersey, Hays, Bunce, "Sonar Research Conducted During the Period I Oct. - 31 Dec. 1960" WHOI, Jan. 1961. WHOI #60-52

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS 294
Ship Ship No.

Publications:

Roberson, Michel I., "Continuous Seismic Profiler Survey of Oceanographer, Gilbert, and Lydonia Submarine Canyons, Georges Bank", Geophysical Research, Vol. 69, No. 22, November 1964. WHOI #1559

"Track Charts, Bathymetry, and Location of Observations", WHOI, 1964. WHOI #64-40

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS 296
Ship Ship No.

Publications:

Birch, F. S., "Heat Flow near the New England Seamounts", Geophysical Research, Vol. 70, No. 20, October 1965. WHOI #1670

Birch, F. S. "Technical Memorandum #7-66 - A Manual Explaining the Theory and Operation of Heat-Flow Measuring Equipment", WHOI, Aug. 1966. WHOI TM #7-66

"Summary of Investigations Conducted in 1963" WHOI, April 1964. WHOI #64-12

"Track Charts, Bathymetry, and Location of Observations" WHOI, Oct. 1964. WHOI #64-40

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Knorr 5 _____
Ship Cruise No.

Publications:

Vollmann, Gordon H., "Mooring Summary '70" WHOI 73-18

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise KNORR 9 / Ship — Cruise N

Publications:

Spencer, D.W. "Geosecs Intercalibration and Test Cruise" Dec. 1970 Ref. No. 70

Spencer, D.W., "Geosecs II, the 1970 North Atlantic Station: Hydrographic Features, Oxygen, and Nutrients." Cont. 2908

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Knorr 17
Ship Cruise No

Publications:

Volkmann, Gordon H.; "Mooring Summary '70" WHOI 73-18

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise KNORR (Ship) 25 (Cruise No.)

Publications:

Metcalf, William G., Stalcup, Marvel C., and Zemanovic, Marguerite "Hydrographic Static Data, Caribbean Sea" WHOI 73-10

Silva, Armand J., and Hollister, Charles D., "Geotechnical Properties of Ocean Sediment Recovered with Giant Piston Corer" 1. Gulf of Maine WHOI 73-49

Carpenter, Edward J. "Nitrogen Fixation by Oscillatoria (Trichodesmium) Thiebautii in the Southwestern Sargasso Sea" Cont. No. 2921

Hollister, Charles D., Silva, Armand J., and Driscoll, Alan "A Giant Piston Corer" Cont. 294

Silva, Armand J. and Hollister, Charles D. "Geotechnical Properties of Ocean Sed'ments Recovered with Giant Piston Corer: Gulf of Maine" Cont. No. 2953

Stalcup, M.C. and Metcalf, W.G. "Bathymetry of the Sills for the Venezuela and Virgin Islands Basins" Cont. No. 3002

Smith, K.L. (Jr.) "Energy Transformations by the Sargassum Fish Histrio Histrio (L.)" Cc #3

Tucholke, Brian E., Wright, W.R., and Hollister, Charles D. "Abyssal Circulation over th Greater Antilles Outer Ridge" Cont. No. 3044

Tucholke, Brian E., Wright, W.R., and Hollister, Charles D. "Abyssal Circulation over the Greater Antilles Outer Ridge" WHOI #74-16

Tucholke, Brian E. "The History of Sedimentation and Abyssal Circulation on the Greater Antilles Outer Ridge" WHOI #74-1

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise KNORR 26
Ship Cruise No.

Publications:

Smith, K. L., Jr., "Energy Transformations by the Sargassum Fish, Histrio Histrio (L.)"

Tucholke, Brian E., Wright, W.R., and Hollister, Charles D. "Abyssal Circulation over the Greater Antilles Outer Ridge" Cont. No. 3044

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS 2 - 1
Ship Ship No.

Publications:

Reitzel, John, "A Region of Uniform Heat Flow in the North Atlantic", Geophysical Research, Vol. 68, No. 18, September 1963. WHOI #1396

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1963 - 30 April 1964", WHOI Aug. 1964 Ref. No. 64-50

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1962 - 31 April 1963", WHOI, Sept. 1963 Ref. No. 63-27

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov - 31 Oct. 1964", WHOI, March 1965 Ref. No. 65-12

"Summary of Investigations Conducted in 1963", WHOI, April, 1964 Ref. No. 64-12

"Track Charts, Bathymetry, and Location of Observations", WHOI, 1964 Ref. No. 64-9

Birch, F.S., "Technical Memorandum #7-66 - A Manual Explaining the Theory and Operation of Heat-Flow Measuring Equipment", WHOI, Aug. 1966 WHOI TM # 7-66 WHOI # 1681

Scheltena, R. S. "Evidence for Trans - Atlantic Transport of Gastropod Larvae Belonging to the Genus Cymatium." Deep Sea Research, Vol. 13, 1966.

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS II 1 2ND LEG
Ship Ship No.

Publications:

Birch, F. S., "Technical Memorandum #7-66 - A Manual Explaining the Theory and Operation of Heat-Flow Measuring Equipment", WHOI, Aug. 1966. WHOI TM #7-66

"Track Charts, Bathymetry, and Location of Observations", WHOI, 1964. WHOI #64-9

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 Oct. 1964", WHOI, March 1965. WHOI #65-12

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1962 - 31 April 1963", WHOI, Sept. 1963. WHOI #63-27

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1963 - 30 April 1964", WHOI, Aug. 1964. WHOI #64-50

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise A II 18
Ship Ship No.

Publications:

Warren, Bruce A. "Notes on translatory movement of rings of current with application to Gulf Stream eddies" Deep-Sea Research, 1967, Vol. 14, pp. 505-524.

Cont. WHOI #1917 - WHOI # 68-I

Cooper, J. W. "Atlantic Oceanography Conducted During the Period I Jan. 1966 - 30 June 1966" WHOI, Sept. 1966. WHOI #66-48

Warren, Bruce A., "Notes on Translatory Movement of Rings of Current With Application to Gulf Stream Eddies", Deep-Sea Research, Vol. 14, 1967, pp. 505-524 Ref. No. 68-1

WHOI # 72-40

Fuglister, F. C. Cyclonic Rings Formed by the Gulf Stream. "Studies in Physical Oceanography, Gordan And Breach, 137-168 (1971)."

WHOI # 71-50

Susan Tarbell & Ferris Webster, "A Compilation of Moored Current Meter and Wind Observations." WHOI, July, 1971.

Fuglister, F.C., "Cyclonic Rings formed by the Gulf Stream 1965-66." Cont. 2189

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Atl 21
Ship Ship No.

Publications: Sanders, H.L. and Allen, J.A. "Studies on Deep-Sea Protobranchia (Bivalvia): Prologue and the Pristiglenidae" Cont. No. 2705

Allen, J.A. and Sanders, H.L. "Studies on Deep-Sea Protobranchia (Bivalvia); the Families Siliculidae and Lametilidae" Cont. No. 2684

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS II 28
Ship Cruise No.

Publications:

"Atlantic Oceanography Conducted During the Period I July - 31 Dec. 1966" WHOI, Dec. 1967. WHOI #67-36

Metcalf, William G., "Dissolved Silicate in the Deep North Atlantic", Deep-Sea Research Supplement to Vol. 16 pp 139-145 1969 Cont. No. 2265

Worthington, L.V., and Kawai, Hideo, "Comparison Between Deep Sections Across the Kuroshio and the Florida Current and Gulf Stream." Cont. 2260

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ATLANTIS II 38
Ship Ship No.

Publications:

Brewer, Peter G. and Derek W. Spencer "The Distribution of Copper, Zinc and Nickel in Sea Water of the Gulf of Maine and the Sargasso Sea" Geochimica Cosmochimica Acta, Vol. 33, No. 3, pp 325-339 1969 Cont. No. 2226

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Atlantis II 51
Ship Cruise No.

Publications:

Parker, Charles E., "Some direct observations of currents in the Gulf Stream." Cont. 28[illegible] WHOI 73-[illegible]

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise A II 62
Ship Cruise No.

Publications:

K. L. Smith, Jr., "Energy Transformations by the Sargassum Fish, Histrio Histrio (L.)" WHO 73-
Burns, Kathryn A. and Teal, John M. "Hydrocarbons in the Pelagic Sargassum Cont. 3
Community" Cont. No. 2872

Smith, K.L. (Jr.) "Energy Transformations by the Sargassum Fish Histrio Histrio (L.)" Con #30

Hoinmiller, Robert H. (Jr.) and Moller, Donald A. "Failure of a Moored Array in a
Gulf-Stream Eddy" WHOI 74-81

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise A 11 71
Ship Cruise No.

Publications: Farrington, John W. "Some Problems Associated with the Collection of Marine Samples and Analysis of Hydrocarbons" WHOI #74-23

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 9
Ship Ship No.

Publications:

Hersey, J. B. "Deep-Sea Photography 4. The Manipulation of Deep-Sea Cameras". WHOI # 68-27

"Technical Memorandum #8-59 - Artemis VI Cruise Plans for CHAIN 9 Sept. - Oct. 1959", WHOI, Sept. 1959. WHOI TM #8-59

Hays, Voorhis, Fahlquist, Hersey, Bunce, Parker, Broughton, Graham, Hess, "Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. - 30 April 1961", WHOI, May 1961. WHOI #61-16

Voorhis, Jitzell, Hess, Dow, Stillman, Broughton, Olmstead, Birch, Hays, Reitzel, Bunce, Rothe, Dunkle, Arend, Hersey, Knott, Caulfield, Fahlquist, "Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 Oct. 1961", WHOI, March 1962. WHOI #62-14

Voorhis, Broughton, Gallagher, Hays, Birch, Caulfield, Fahlquist, Hersey, Workum, Ryan, Walwik, Bowin, Pratt, "Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1961 - April 30, 1962", WHOI, Sept. 1962. WHOI #62-15

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 12
Ship Ship No

Publications:

Fuglister, F. C., "Gulf Stream '60", Progress in Oceanography, Vol. I, 1963. WHOI #1246

D. F. Bumpus, "Investigations of Climate and Oceanographic Factors Influencing the Environment of Fish", WHOI, July 1960. WHOI #60-29.

P. M. Rye, "Modern Measurements of Ocean Currents", WHOI, Nov. 29 , 1961

Fuglister, Metcalf, Miller, Worthington, von Arx, Ketchum, Ryther, Watson, Corwin, Zeigler, Leahy, "Atlantic Oceanography During the Period I Jan. - 30 June 1960", WHOI, July 1960. WHOI 60-32

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 15 - 16
Ship Ship No.

Publications:

Cifelli, Richard, "Planktonic Foraminifera from the western North Atlantic", Smithsonian Misc. Collections, Vol. 148, No. 4, February 1965. WHOI #1493

Cifelli, Richard, "Some Dynamic Aspects of the Distribution of Planktonic Foraminifera in the Western North Atlantic", Marine Research, Vol. 20, 3, 1962. WHOI #1182

"Atlantic Oceanography Conducted During the Period 1 Jan. - 30 June 1961", WHOI, July 1961. WHOI 61-23

R. H. Ketchum, "Biological, Chemical and Radiochemical Studies of Marine Plankton", WHOI, Feb. 1961. WHOI 61-6

R. H. Ketchum, J. H. Ryther, "Biological, Chemical and Radiochemical Studies of Marine Plankton", WHOI, Sept. 1965. WHOI 65-47

D. F. Bumpus, V. T. Cove, "Investigations of Climate and Oceanographic Factors Influencing the Environment of Fish", WHOI, April 1961. WHOI 61-11

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 17
Ship Ship No.

Publications:

Backus, Richard H., Mead, Giles W., Haedrich, Richard L., Ebeling, Alfred W., "The Mesopelagic Fishes Collected During Cruise 17 of the R/V Chain, with a method for analyzing Faunal Transects", Museum of Comparative Zoology, 134, 5, September 1965. WHOI #1574

Bodman, R. H., Slabaugh, L. V., Bowen, V. T., "A Multipurpose Large Volume Sea-Water Sampler", Marine Research, Vol. 19, 3, 1961. WHOI #1203

Bottazzi, E. Massera, Vannucci, A., "Acantharia in the Atlantic Ocean", Oceanografia e Limnologia, Vol. XIII, Frascicolo 3, 1964. WHOI #1403

Cifelli, Richard, "Late Tertiary Planktonic Foraminifera associated with a Basaltic Boulder from the mid-Atlantic Ridge", Marine Research, Vol. 23, 2, 1965. WHOI #1617

Cifelli, Richard, "Planktonic Foraminifera from the Western North Atlantic", Smithsonian Misc. Collections, Vol. 143, No. 4, February 1965. WHOI #1493

Heezen, B. C., Bunce, E. T., Hersey, J. B., Tharp, M., "Chain and Romanche Fracture Zones", Deep-Sea Research, Vol. 11, 1964. WHOI #1424

Metcalf, W. G., Heezen, B. C., Stalcup, M. C., "The Sill Depth of the mid-Atlantic Ridge in the Equatorial Region", Deep-Sea Research, Vol. 11, 1964. WHOI #1436

Metcalf, W. G., Voorhis, A. D., Stalcup, M. C., "The Atlantic Equatorial Undercurrent", Geophysical Research, Vol. 67, No. 6, June 1962. WHOI #1233

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 17
Ship Ship No.

Publications:

Nicholls, G. D., Bowen, V. T., "Natural Glass from Beneath Red Clay on the Floor of the Atlantic", Nature, Vol. 192, No. 4798, October 1961.

WHOI #1215

Nicholls, G. D., Malwalk, A. J., Hays, E. E., "The Nature and Composition of Rock Samples Dredged from the mid-Atlantic Ridge between 22°n and 52°n", Marine Geology, 1, 1964. WHOI #1344

Siever, Raymond, Beck, Kevin C., Berner, Robert A., "Composition of Interstitial Waters of Modern Sediments", Journal of Geology, Vol. 73, No. 1, January 1965. WHOI #1391

van Andel, Tjeerd H., Bowen, Vaughn T., Sachs, Peter L., Siever, Raymond, Morphology and Sediments of a Portion of the mid-Atlantic Ridge", Science, Vol. 148, No. 3674, May 1965. WHOI #1633

Von Arx, William S., "Practical Astronomy from Shipboard", Sky and Telescope, Vol. XXIX, No. 6, June 1965. WHOI #1568

Voorhis, Arthur D., "Evidence of an Eastward Equatorial Undercurrent in the Atlantic from Measurements of Current Shear", Nature, Vol. 191, No. 4784, July 1961. WHOI #1189

Voorhis, A. D., Hersey, J. B., "Oceanic Thermal Fronts in the Sargasso Sea", Geophysical Research, Vol. 69, No. 18, September 1964. WHOI #1472

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN ·I7
Ship Cruise No.

Publications:

Cifelli, Richard "Distributional Analysis of North Atlantic Foraminiifera Collected in 1961 During Cruises I7 and 2I of the R/V Chain" Contributions from the Cushman Foundation for Foraminiferal Research, Vol. XVIII, Part 3, July, 1967. WHOI #67-70

"Atlantic Ocean ography Conducted During the Period I Jan. - 30 June 1961", WHOI, July 19 WHOI #61-23

"Summary of Inves igations Conducted in 1963", WHOI, April 196 . WHOI #6 -I2

J. Stanbrough, "Atlantic Oceanography Conducted Durin the Period I July - 3I Dec. 1961" WHOI, Jan. 1962. WHOI #62-13

Worthington, Miller, McGill, Bowen, Metcalf, Athearn, Ronne, Hayes, Volkman, Walden, Michael, Tentsch, "Atlantic Oceanography Conducted During the Period I Jan. - 30 June 1962", WHOI, July 1962. WHOI #62-3I

"Atlantic Oceanography Conducted During the Period I July 1962 - 30 June 1963", WHOI, Sept. 1963. WHOI #63-26

S. T. Knott, W. S. Witzell, "A Light-weight Towed Transducer Enclosure for Echo Sounding WHOI, Dec. 1961. WHOI #61-40

C. G. Day, "A Literature Survey of the Hydrography, Bathymetry and Fisheries of the Atlantic Ocean Under the Atlantic Missile Range with an Appendix on the Mona Island Region", WHOI, Dec. 1961. WHOI #61-30

"Summary of Investigations Conducted in 1964", WHOI, March 1965. WHOI #65-I3

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 17
Ship Cruise No.

Publications:

Bunce, E. T., Stalcup, M. C. "Track Charts, Bathymetry and Location of Observations", WHOI, 1962. WHOI #62-9

Woorhis, Broughton, Gallagher, Hays, Birch, Caulfield Fahlquist Workum, Ryan, Nalwalk, Rowin, Pratt, "Oceanographic and Underwater Acoustics Research Conducted During the Period I Nov. 1961 - 30 April 1962", WHOI, Sept. 1962. WHOI #62-15

Woorhis, Erlanger, Caulfield, Hays, Meitzel, Birch, Stillman, Nalwalk, Fahlquist, Workum, Rowin, Pratt, Hersey, Low, Hoskins, Grant, Dimmock, Cain, Hess, Breslau, Knott, Witzell, Broughton, Gallagher, "Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 Oct. 1962", WHOI , March 1963. WHOI #63-9

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

A. D. Woorhis, E. T. Bunce, "Narrative of CHAIN Cruise #7 Phase I", WHOI, June 1964. WHOI #64-30

F. Sievers M. Kastner, "Mineralogy and Petrology of Some Mid-Atlantic Ridge Sediments", Department of Geological Science, Harvard University, May 1967. WHOI #67-62

C. F. Bumpus, H. R. Howe, "Investigations of Climate and Oceanographic Factors Influencing the Environment of Fish", WHOI, April 1961. WHOI #61-11

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 17
Ship Cruise No.

Publications:

Hays, Voorhis, Fahlquist, Hersey, Bunce, Parker, Broughton, Graham, Hess, "Oceanographic and Underwater Acoustics Research Conducted During the Period I Nov. - 30 April 1961", WHOI, May 1961. WHOI 61-16

Voorhis, Mitchell, Hess, Dow, Stillman, Olmstead, Broughton, Birch, Hays, Heitzel, Bunce, Rothe, Dunkle, Arend, Hersey, Knott, Caulfield, Fahlquist, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1961" WHOI, March 1962. WHOI 62-14

Siever, Raymond and Miriam Kastner "Mineralogy and Petrology of Some Mid-Atlantic Ridge Sediments" Journal of Marine Research, Vol. 25, 3, 1967 Cont. No. 1903

Thompson, G. "Analyses of B, Ga, Rb and K in Two Deep-Sea Sediment Cores; Consideration of their Use as Paleoenvironmental Indicators" Marine Geology, Elsivier Publishing Company, Amsterdam Cont. No. 2046

Cifelli, Richard "Distributional Analysis of North Atlantic Foraminifera Collected in 1961 During Cruises 17 and 21 of the R/V CHAIN" Contributions from the Cushmann Foundation for Foraminiferal Research, Vol. XVIII No. 3, July 1967 Cont. No. 1940

Metcalf, William G., "Dissolved Silicate in the Deep North Atlantic", Deep-Sea Research Supplement to Vol. 16, pp 139-145 1969 Cont. No. 2265

"Summary of Investigations Conducted in 1963", WHOI, April, 1964 Cont. No. 64-12

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 17
Ship Cruise No.

Publications:

Thompson, Geoffrey, "Analyses of B, Ga, Rb and K in Two Deep-Sea Sediment Cores; Consideration of their Use as Paleoenvironmental Indicators" Ref. No. 69-30

Richards, D., Groman, R., Luyendyk, B., and Denham, C. "Guide to Marine Geophysical Digital Data 1959-1972" WHOI #74-44

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 22
Ship Ship No.

Publications:

Conover, Robert J., "Notes on the Molting Cycle, Development of Sexual Characters, and Sex Ratio in Calanus Hyperboreus", Crustaceana, Vol. 8, No. 3, 1965. WHOI #1426

Menzel, David W., Ryther, John H., "The Composition of Particulate Organic Matter in the Western North Atlantic", Limnology and Oceanography, Vol. 9, No. 2, April 1964. WHOI #1334

Vaccaro, Ralph F., "Available Nitrogen and Phosphorus and the Biochemical Cycle in the Atlantic off New England", Marine Research, Vol. 21, 3, 1963. WHOI #1357

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

D. F. Bumpus, "Investigations of Climate and Oceanographic Factors Influencing the Environment of Fish", WHOI, July 1962. WHOI #62-24

R. J. Conover, M.M. Mullin, R. F. Vaccaro, "Appendix - Biological, Chemical and Radiochemical Studies of Marine Plankton for the Period 1 Jan. - 31 Dec. 1962", WHOI, Feb. 15, 1963. WHOI #62-4

B. H. Ketchum, "Biological, Chemical and Radiochemical Studies of Marine Plankton", WHOI, Feb. 15, 1963. WHOI #63-4

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 29
Ship Ship No.

Publications:

Caulfield, D.D. "Oceanographic and Underwater Acoustics Research Conducted During the Period I May 1962 - 31 October 1962". WHOI #63-9

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

"Track Charts, Bathymetry and Location of Observations", WHOI, 1963. WHOI #63-25

"Technical Memorandum #3-62 - Cruise Plans for CHAIN Cruise #29 July - August 1962", WHOI, 1962. WHOI T.M #3-62

C. O. Bowin, "Supplementary Report on the Automatic Gravity System Used Aboard R/V CHAIN July 1962 - Sept. 1963", WHOI, Oct. 1963. WHOI #63-40

C. O. Bowin, N. D. Nichols, T. C. Aldrich, S. F. Dugan, G. N. Ruppert, J. B. Zwilling, "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Control System (ODPS) Aboard the Research Vessel CHAIN Oct. 1963 - Dec. 1966", WHOI, July 1967. WHOI #67-26

Bunce, Witzell, Caulfield, Horner, Hoskins, Bowin, Noack, Reitzel, Malunen, Chase, Feden, Milharm, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 30 Oct. 1963", WHOI, Nov. 1963. WHOI #63-42.

Voorhis, Erlanger, Caulfield, Hays, Reitzel, Birch, Stillman, Fahlquist, Workum, Bowin, Malwalk, Pratt, Hersey, Dow, Hoskins, Grant, Cain, Dimmock, Hess, Breslau, Knott, Witzell, Broughton, Gallagher, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1962", WHOI, March 1963. WHOI #63-9

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 30
Ship Ship No.

Publications:

Caulfield, D. D. "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 October 1962". WHOI #63-9

C. O. Bowin, "Supplementary Report on the Automatic Gravity System Used Aboard R/V CHAIN July 1962 - Sept. 1963", WHOI, Oct. 1963. WHOI #63-40

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

C. O. Bowin, W. D. Nichols, T. C. Aldrich, E. F. Dugan, C. W. Ruppert, J. B. Zwilling "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Co System (ODPCS) Aboard the Research Vessel CHAIN Oct. 1963 - Dec. 1966", WHOI, July 1967. WHOI #67-26

Voorhis, Erlanger, Caulfield, Hays, Reitzel, Birch, Stillman, Nalwalk, Fahlquist, Morkum, Bowin, Pratt, Hersey, Dow, Hoskins, Grant, Dimmock, Cain, Hess, Breslau, Knott, Broughton, Witzell, Gallagher, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1962", WHOI, March 1963. WHOI #63-9

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

"Track Charts, Bathymetry and Location of Observations", WHOI, 1963. WHOI #63-25

Conover, Robert J. "Notes on the Molting Cycle, Development of Sex Characters and Sex Ratio in Calanus Hyperboreus", Crustaceana, Vol. 8, No. 3, 1965 Cont. No. 1426

Clarke, George L. and Richard H. Backus "Interrelations Between the Vertical Migration of Deep Scattering Layers, Bioluminescence and Changes in Daylight in the Sea" Bull. Inst. Oceanogr., Monaco, Vol. 64 No. 1318 Nov. 1964 Cont. No. 1474

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 31
Ship Ship No.

Publications:

Roberson, Michel I., "Continuous Seismic Profiler Survey of Oceanographer, Gilbert, and Lydonia Submarine Canyons, Georges Bank", Geophysical Research, Vol. 69, No. 22, November 1964. WHOI #1569

Hoskins, Hartley "Seismic Reflection Observations on the Atlantic Continental Shelf, Slope, and Rise Southeast of New England" Journal of Geology, Vol. 75, No. 5, Sept. 1967. WHOI #1800; WHOI #67-76

Caulfield, D. D. "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 October 1962". WHOI #63-9

Voorhis, Erlanger, Caulfield, Hays, Reitsel, Birch, Stillman, Malmalk, Pratt, Fahlquist, Workum, Bowin, Hersey, Dow, Hoskins, Grant, Dimsock, Cain, Hess, Breslau, Knott, Mitzell, Broughton, Gallagher, "Oceanographic and Underwater Acoustics Research Conducted During the Peirod I May - 31 Oct. 1962", WHOI, March 1963. WHOI#63-9

C. O. Bowin, M. D. Nichols, T. W. Aldrich, C. F. Dugan, C. N. Ruppert, J. B. Zwilling, "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Control System (ODPS) Aboard the Research Vessel CHAIN Oct, 1963 - Dec. 1966", WHOI, July 1967. WHOI #67-26

C. O. Bowin, "Supplementary Report on the Automatic Gravity System Used Aboard R/V CHAIN July 1962 - Sept. 1963", WHOI, Oct. 1963. WHOI #63-40

"Track Charts, Bathymetry and Location of Observations", WHOI, 1963. WHOI #63-25

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 31
Ship Cruise No.

Publications:

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 32
Ship Ship No.

Publications:

"Summary of Investigations Conducted in 1967 Woods Hole Oceanographic Institution" WHOI #68-32

Caulfield, Bergstrom, Hersey, Breslau, Knott, Owen, Capt. Payson, Fahlquist, Schevill, Backus, Watkins, "Sonar Research Conducted During the Peirod 1 July - 30 Sept. 1962", WHOI, March 1963. WHOI #63-8

Hays, H. C., "Track Charts, Bathymetry and Location of Observations", WHOI, 1963. WHOI #63-28

"Summary of Investigations Conducted in 1962", WHOI, June 1963. WHOI #63-18

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 39
Ship Ship No.

Publications:

Roberson, Michel I., "Continuous Seismic Profiler Survey of Oceanographer, Gilbert, and Lydonia Submarine Canyons, Georges Bank", Geophysical Research, Vol. 69, No. 22, November 1964. WHOI #1569

Hoskins, Hartley "Seismic Reflection Observations on the Atlantic Continental Shelf, Slope, and Rise Southeast of New England" Journal of Geology, Vol. 75, No. 5, Sept. 1967. WHOI #1800; WHOI #67-76

Bunce, Mitzell, Caulfield, Horner, Hoskins, Bowin, Nowak, Reitzel, Halunen, Chase, Feden, Wilharm, "Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1963", WHOI, Nov. 1963. WHOI #63-42

C. O. Bowin, W. D. Nichols, T. C. Aldrich, E. F. Hogan, G. H. Ruppert, J. B. Zwilling, "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Control System (ODPCS) Aboard the Research Vessel CHAINOct. 1963 - Dec. 1966", WHOI, July 1967. WHOI #67-26

S. T. Bunce D. D. Caulfield, "Narrative of CHAIN Cruise #39 - Woods Hole to Bermuda to the Abyssal Hills and Return to Woods Hole, 23 Aug. - 23 Sept. 1963", WHOI, July 1964. WHOI #64-43

F. S. Birch, "Technical Memorandum #7-66 - A Manual Explaining the Theory and Operation of Heat-Flow Measuring Equipment", WHOI, Aug. 1966. WHOI TM #7-66

C. O. Bowin, "Supplementary Report on the Automatic Gravity System Used Aboard R/V CHAIN July 1962 - Sept. 1963", WHOI, Oct. 1963. WHOI #63-40

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 39
Ship Cruise N

Publications:

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1963 - 30 April 1964", WHOI, Aug. 1964. WHOI #64-50

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 Oct. 1964", WHOI, March 1965. WHOI #65-12

Presburg, D. L., Dunkle, W. H., "Track Charts, Bathymetry and Location of Observations", WHOI, 1964. WHOI #64-24

"Summary of Investigations Conducted in 1963", WHOI, April 1964. WHOI #64-12

Birch, F. S., Halunen, A. J., Jr., "Heat-Flow Measurements in the Atlantic Ocean, Mediterranean Sea, and Red Sea", Journal of Geophysical Research, vol. 71, Jan. 1966. WHOI #1708

Richards, D., Groman, R., Luyendyk, B., and Denham, C. "Guide to Marine Geophysical Digital Data 1959-1972" WHOI #74-44

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 51

Ship Ship No

Publications:

Emery, K. O., Zarudzki, E. F. K. "Seismic Reflection Profiles Along the Drill Holes on the Continental Margin" Geo. Sur. Pro. Paper 581-A. WHOI #1699; WHOI #

Savage, G. H., Mersey, J. B. "Project Seaspider: The Design, Assembly, Constructio and Sea Trials of a Tri-Moored Bouyant Structure with Neutrally Buoyant Legs to Provide a Near-Motionless Instrument Base for Oceanographic Research". WHOI #68-

G. H. Savage, J. C. Beckerle, J. B. Mersey, "Technical Memorandum #10-65 - Revosed Cruise Plan for Project SEA SPIDER - Chain Cruise #51 - July 22 - Aug. 30, 1965 WHOI, July 1965. WHOI TM #10-65

E. F. K. Zarudzki, "Technical Memorandum#11-65 - Cruise Plans for CHAIN Cruise#52 - Sept. 20 - Oct. 8, 1965", WHOI, Sept. 1965. WHOI TM #11-65

R. A. Payne, "Sound Velocity Measurements on the Blake Plateau", WHOI, April 1966. WHOI #66-13

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 Nov. 1964 - 30 April 1966", WHOI, July 1966. WHOI #66-43

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 Oct. 1965", WHOI, April 1966. WHOI #66-11

Dunkle, W. N., Dakin, F. M., "Track Charts, Bathymetry, and Location of Observatons" WHOI, Dec. 1965.. WHOI #66-2

"Summary of Investigations Conducted in 1965", WHOI, March 1966. WHOI #66-3

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 51
Ship Cruise No.

Publications:

WHOI # 70-41

Pollard, Raymond T. "A Compilation of Moored Wind and Current Meter Observations". Sept. 1970

WHOI # 70-56

Beckerle, J. C., A. Orange and B. Woznick "Analyses of Towed Hydrophone Flow Noise." Nov. 1970

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 53
Ship Ship No.

Publications:

C. O. Bowin, M. D. Nichols, T. C. Aldrich, E. F. Dugan, G. H. Rupert, J. D. Zwilling, "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Con' System (ODPCS) Aboard the Research Vessel CHAIN Oct. 1963 - Dec. 1966", WHOI, July 1967. WHOI #67-25

C. Bowin, J. Zwilling, "Technical Memorandum #I-67 Description of Formats for Data Rec by the Oceanographic Data Processing and Control System as Operative on R/V CHAIN Since Dec. 1963", WHOI, March 1967. WHOI TM #I-67

"Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 Oct. 1965", WHOI, April 1966. WHOI #66-11

"Technical Memorandum #I3-65 - Cruise Plan for CHAIN #53 - 11-27 Oct. 1965", WHOI, Oct. 1965. WHOI TM #I3-65

Douglass, J. C., Dunkle, I. H., "Track Charts, Bathymetry and Location of Observations", WHOI, June 1966. WHOI #66-38

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 57
Ship Ship No.

Publications:

Von Arx, William "Relationship Between Marine Geodesy and Oceanographic Measurements" Proc. First Mar. Geod. Symp., Columbus, Ohio, Sept. 28-30, 1966, U.S. Government Print. Off. pp. 37-42, 1967. WHOI #1847

C. O. Bowin, W. D. Nichols, T. C. Aldrich, E. F. Dugan, G. H. Ruppert, J. B. Zwillin "Second Supplementary Report on the Oceanographic Shipboard Data Processing and Co System (ODPCS) Aboard the Research Vessel CHAIN Oct. 1963 - Dec. 1966", WHOI, Jul 1967. WHOI #67-26

S. T. Knott, R. T. Nowak, F. Lynch, F. R. Hess, "Technical Memorandum #6-66 - Instructions for the Use of Chesapeake Array as Reconstructed in June 1966", WHOI, July 1966. WHOI TM #6-66

"Oceanographic and Underwater Acoustics Research Conducted During the Period I Nov. 1965 - 30 April 1966", WHOI, July 1966. WHOI #66-43

J. W. Cooper, "Atlantic Oceanography Conducted During the Period I Jan. 1966 - 30 June 1966", WHOI, Sept. 1966. WHOI #66-48

Douglass, J. C., Gotthardt, B. "Track Charts, Bathymetry, and Location of Observatio WHOI, August 1966. WHOI #66-42

E. T. Bunce, "Technical Memorandum No. 2-66 - Cruise Plans for CHAIN Cruise No. 57", Jan. 28, 1966. WHOI TM #2-66

"Atlantic Oceanography Conducted During the Period I July - 31 Dec. 1966", WHOI, Dec. 1967. WHOI #67-36

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 57
Ship Cruise No.

Publications:

S. T. Bunce, "Summary Report of CHAIN Cruise #57," WHOI, Dec. 1966. WHOI #66-67

"Summary of Investigations Conducted in 1966", WHOI, 1967. WHOI #67-15

WHOI # 70-16

Emery, K. O., Elazar Uchupi, J. D. Phillips, C. O. Bowin E. T. Bunce, S. T. Knott "Continental Rise off Eastern North America". April 1970

WHOI # 70-57

Webb, D. C. and M. J. Tucker "Transmission Characteristics of the SOFAR Channel." Nov. 1970

WHOI # 2254

Bunce, Elizabeth, T., David A., Fahlquist, John W. Clough, "Seismic Refractions and Relection Measurements - Puerto Rico Outer Ridge" Journal Geophys. Res., Vol. 74, No. 12 pp 3082 - 3094

WHOI #

"Report for the Year 1966", WHOI, 1966

Tucholke, Brian E. "The History of Sedimentation and Abyssal Circulation on the Greater Antilles Outer Ridge" WHOI #74-1

Bunce, E.T., Phillips, J.D., and Chase, R.L. "Geophysical Study of Antillos Outer Ridge, Puerto Rico Trench, and Northeast Margin of Caribbean Sea" WHOI #74-7

Richards, D., Groman, R., Luyendyk, B., and Denham, C. "Guide to Marine Geophysical Digital Data 1959-1972" WHOI #74-44

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 53
Ship Ship No.

Publications: Allen, J.A. and Sanders, H.L. "Studies on Deep-Sea Protobranchia (Bivalvia); the Families Siliculidae and Lametilidae" Cont. No. 2684

Sanders, H.L. and Allen, J.A. "Studies on Deep-Sea Protobranchia (Bivalvia); Prologue and the Pristiglomidae" Cont. No. 2705

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 63
Ship Cruise No.

Publications:

Volkman, G. H. "Mooring Summary 1967". WHOI #68-80

WHOI # 70-16

Emery, K. O., Elazar Uchupi, J. D. Phillips, C. O. Bowin, E. T. Bunce, S. T. Knott, "Continental Rise off Eastern North America." April 19, 1970

Tarbell, Susan "A Compilation of Moored Wind and Current Observations taken in 1967" WHOI #74

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise ____ CHAIN 66 ____
Ship Cruise No.

Publications:

Volkman, G. H. "Mooring Summary 1967". WHOI #68-80

Emery, K.O., Elazar Uchupi, J.D. Phillips, C.O. Bowin, E.T. Bunce and S.T. Knott "Continental Rise off Eastern North America" April 1970 Ref. No. 70-16

WHOI # 1471

Yentsch, C. S. - Backus, R. H. - Ring Asa, "Factors Affecting the Vertical Distribution of Bioluminescence in the Euphotic Zone." Limnology & Oceanography, Vol. 9, No. 4, October, 1964

WHOI #

Terboll, Susan "A Compilation of Moored Wind and Current Observations taken in 1967" WHOI #74-4

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 67
Ship Cruise No.

Publications:

"Oceanographic and Underwater Acoustics Research Conducted During the Period I May - 31 October 1967". WHOI #68-6

J. C. Beckerle, "Technical Memorandum #2-67 - Cruise Plan for CHAIN Cruise #67-10 May - 10 June 1967", WHOI, May 1967. WHOI TM #2-67

Katz, Eli Joel, "Further Study of a Front in the Sargasso Sea" Tellus Vol. 21, No. 2, pp. 259-269 1969 Cont. No. 2004 Ref. No. 69-54

Beckerle, John C. "Spatial Correlation of Ocean Movements and Sound - Velocity Fluctuations" Jour. Acoust. Soc. Amer. Vol. 45 No. 4 pp 1050-1051 1969 Cont. No. 2276

Von Arx, William S., "A Technique for Finding Gravity Vertical at Sea", Deep-Sea Research Supplement to Vol. 16, pp 325-330 1969 Cont. No. 2265

Beckerle, John C., "Final Report of Contract Nonr-2866" WHOI, Ref. No. 69-51

Von Arx, William S. "A Technique for Finding Gravity Vertical at Sea" Ref. No. 69-79

Beckerle, John C., "Prediction of Mid-Oceanic Frontal Passage Confirmed in Near-Surface Current Measurements." Cont. 2645

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 68
Ship Cruise No.

Publications:

Volkman, G. H. "Mooring Summary 1967". WHOI #68-80

Heinmiller, R. H. "Acoustic Release Systems. WHOI #68-48

WHOI # 1285

Clarke, G. L. - Conover, R. J. - David, C. N. - Nicol, J. A. C., "Comparative Studies of Luminescence in Copepoda and the other Pelagic Marine Animals, " Marine Biol. Assoc. Britain, 42, 1962

Tarbell, Susan "A Compilation of Moored Wind and Current Observations taken in 1967" WHOI #74-L

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 70
Ship Ship No.

Publications:

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 October 1967". WHOI #68-6

"Summary of Investigations Conducted in 1967 Woods Hole Oceanographic Institution". WHOI #68-32

Uchupi, E., Knott, S. T. "Cruise Plan for CHAIN #73 6 Sept. - 27 Sept. 1967". WHOI TM #6-67

S. T. Knott, "Technical Memorandum #4-67 - Cruise Plan for CHAIN Cruise 70 - 12 July - 2 August 1967", WHOI, July 1967. WHOI TM #4-67

K. A. Prada, "The 200 Element Streamer an Array for Seismic Profiling", WHOI, Oct. 1967. WHOI #67-64

Emery, K.O., Elazar Uchupi, J.D. Phillips, C.O. Bowin, E.T. Bunce, S.T. Knott, Continental Rise off Eastern North America" April 1970 Ref. No. 70-16 WHOI # 1570

Webster, Ferris, "Measurements of Eddy Fluxes of Momentum in the Surface Layer of the Gulf Stream," Tellus, XVII, 2, 1965

Richards, D., Croman, R., Luvendyk, B., and Denham, C. "Guide to Marine Geophysical Digital Data 1959-1972" WHOI #74-44

Ballard, Robert D. "Summary of Seismic Reflection, Refraction, Magnetic and Dredge Station Data Collected during a Geologic Study of the Gulf of Maine" WHOI #74-30

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 71
Ship Ship No.

Publications:

Volkman, G. H. "Mooring Summary 1967". WHOI #68-80

Heinmiller, R. H. "Acoustic Release Systems". WHOI #68-46

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 72
Ship Ship

Publications:

Deuser, W.G. and J.M. Hunt "Stable Isotope Ratios of Dissolved Inorganic Carbon in the Atlantic" Deep-Sea Research, Vol. 16, No. 2, pp 221-225 1969 Cont. Ref. No. 69-60

WHOI # 2175

Barber, R. T., "Dissolved Organic Carbon from Deep Waters Resists Microbial Oxidation" Nature, Bol. 220, No. 5164, pp. 274-275, Oct. 19, 1968

Haedrich, Richard L., "Midwater fishes from a warm-core eddy." Cont. 2909

Hobson, Louis A., and Lorensen, Carl J., "Relationships of chlorophyll maxima to density structure in the Atlantic Ocean and Gulf of Mexico." Cont. 2702

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 73
Ship Ship No.

Publications:

"Oceanographic and Underwater Acoustics Research Conducted During the Period 1 May - 31 October 1967". WHOI #68-6

"Summary of Investigations Conducted in 1967 Woods Hole Oceanographic Institution". WHOI #68-32

Uchupi, E., Knott, S. T.,"Cruise Plan for CHAIN #73 6 Sept. - 27 Sept. 1967". WHOI TM #6-67

K. E. Prada, "The 200 Element Streamer an Array for Seismic Profiling", WHOI, Oct. 196 WHOI #67-64.

Aldrich, Thomas C. and Carl Bowin "Gravity Data Obtained During CHAIN Cruise 73" WHOI Ref. No. 69-15

Emery, K.O., Elazar Uchupi, J.D. Phillips, C.O. Bowin, E.T. Bunce, S.T. Knott "Continental Rise off Eastern North America" April 1970 Ref. No. 70-16 WHOI # 1269

Breslau, Lloyd, R., - Hersey, J. B. - Edgerton, Harold, E., Birch, Francis, S., "A Precisely Timed Submersible Pinger for Tracking Instruments in the Sea." Deep Sea Research, Bol. 9, No. 2, 1962.

Richards, D., Groman, R., Luyendyk, B., and Denham, C. "Guide to Marine Geophysical Digital Data 1959-1972" WHOI #74-14

Pallard, Robert D. "Summary of Seismic Reflection, Refraction, Magnetic and Dredge Station Data Collected during a Geologic Study of the Gulf of Maine" WHOI #74-30

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 74
Ship Ship No.

Publications:

Heinmiller, R. H. "Acoustic Release Systems". WHOI #68-48

Volkman, G. H. "Mooring Summary 1967". WHOI #68-80

WHOI # Chase, R. L. and E. T. Bunce. "Underthrusting of the Eastern Margin of the Antilles by the Floor of the Western North Atlantic Ocean and Origin of the Barbados Ridge." Jour. Geophys. Res. Bol. 74, No. 6, pp 1413-1420, 1969

McCoy, F. W., Jr., "Bottom Currents in the Western Atlantic Ocean Between the Lesser Antilles and the Mid-Atlantic Ridge." Deep-Sea Research Vol. 16, No. 2, pp 179-184, 1969

WHOI # 2246

Bowin, Carl, O., Charles G. Wing and Thomas C. Aldrich, "Test of the MIT Vibrating String Gravimeter, 1967." Jour. Geophys. Res. Bol. 74, No. 12, pp 3278-3280, 1969

WHOI # 2383

R. P. Von Herzen, G. Simmons & A. Folinsbee, "Heat Flow Between the Caribbean Sea and the Mid-Atlantic Ridge.", Journal of Geophysical Research, 1970

Tarbell, Susan "A Compilation of Moored Wind and Current Observations taken in 1967"

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise Chain 93
Ship Cruise No.

Publications:

WHOI # 71-3

Wm. J. Schmitz, A. R. Robinson, F. C. Fuglister, "Bottom Velocity Observations Directly Under the Gulf Stream, WHOI, Jan. 1971.

WHOI # 1472

Voorhis, A. D. - Hersey, J. B. "Oceanic Thermal Fronts in the Sargasso Sea." Geophysical. Res., Bol 69, No. 19, September 1964.

Parker, Charles E., "Some direct observations of currents in the Gulf Stream." Cont. 2[illegible] WHOI 73-

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 107
Ship Cruise No

Publications:

Gifford, J., Chief Scientist "Cruise Report R/V Chain 107" WHOI 73-4

Dow, Willard, "A Neutrally Buoyant Suspension System for Underwater Instruments" WHOI 7

Cruise Reference Log
Woods Hole Oceanographic Institution

Cruise CHAIN 112
Ship Cruise No.

Publications:

Heinmiller R., Chief Scientist "Cruise Report" CHAIN 112, Leg VI 24 June-9 July, 1973 WHOI 73

Heinmiller R., Chief Scientist "Cruise Report" CHAIN 112, Legs I and II 6 March-5 April, 1 WHOI 73-5

A.2 CURRENT EFFORT

A.2.1 PROJECTS

HIGHLIGHTS

Comparatively few investigations have been conducted exclusively on the continental slope and rise. Most of the data that exist were taken from large sampling grids either as an extension of a coastal program beyond the shelfbreak or as part of a large oceanographic investigation that involved the shelf, slope, Gulf Stream, and Sargasso Sea. Therefore, much of the data from the continental slope, is spotty and its analysis incorporated into the results of the large investigation.

Most of the broad investigations are federal efforts. The National Marine Fisheries Service (NMFS) sponsors a trawl survey of the epibenthic macrofauna on the shelf and upper slope (to approximately 200 fathoms) from Cape Hatteras to the Bay of Fundy. This investigation has been operational since 1963 and consists of fall and spring surveys. The data reside in a computerized data bank that allows retrieval of specific information, some of which has been used in this report.

The ichthyoplankton and zooplankton investigations are also carried out by NMFS under the MARMAP program. The sampling area is similar to that of the trawl surveys and in many cases the plankton sampling is "piggy-backed" on the bottom trawl cruises. Additional plankton samplings of the larval stages of commercially important species such as herring are carried out jointly by NMFS and other member nations of the International Commission for the Northwest Atlantic Fisheries (ICNAF). All these programs include sampling in the region just beyond the shelfbreak, however, the results are not widely distributed and in the case of the MARMAP program the data are in computerized data banks and are not yet published.

NMFS is also responsible for a stock assessment program involving the analysis of commercial catches and landings and, in conjunction with the U.S. Coast Guard, for the surveillance of foreign fishing fleets.

The marine ecosystems analysis program (MESA) also sponsors investigations of the outer continental shelf and slope. The New York Bight Atlas Monograph Series and the analysis of historical collections of benthic samples collected by NMFS, Woods Hole are examples of these efforts.

The U.S. Geological Survey at Woods Hole is involved in broad investigations of the shelf and slope through seismic surveys and bottom core sampling. Much of their data are recorded in their recent series of open file reports on the outer continental shelf on the east coast.

The Canadian effort is centered mainly on the Nova Scotian shelf and is only peripherally involved in the study area. The Bedford Institute of Oceanography, Dartmouth, Nova Scotia carries out a sizeable outer shelf program oriented primarily toward the physical sciences. Because of its proximity to the study area their slope investigations are included in the general listings in Table A-3.

In addition to the above mentioned large area investigations, there are a number of programs directed specifically to the continental slope and the slope water that should be highlighted.

Probably the greatest effort in the investigation of the continental slope is made by the Woods Hole Oceanographic Institution (WHOI). Outstanding among its several programs is the multi-disciplined investigation of the bottom at a station (Woods Hole Bottom Station 1) located on the slope at 39°44'N, 70°37'W, 1829 m. Regular visits to this location by the DSRV ALVIN provide data for a wide range of benthic investigations. WHOI also maintains a number of hydrographic and current measurement stations in the study region. The Gayhead-Bermuda transect includes a number of fixed stations in the study area which are visited routinely by WHOI vessels and the resulting data have provided a wide variety of published information. Studies at WHOI that involve the slope region include: the investigation of Gulf Stream rings, the western boundary undercurrent, homogenous boundary layers, the distribution of chlorinated hydrocarbons, submarine canyons, mesopelagic fishes, benthic fauna, and plankton.

Another large multi-disciplined investigation of the continental slope has been sponsored by MESA in the region surrounding the outflow of the Hudson Canyon in relation to the effects of ocean dumping on the deep sea environment. The program is investigating plankton, fishes, sediments, and chemistry of this region and a report that summarizes the findings will soon be available.

NMFS, Woods Hole, as part of their Man Undersea Research and Technology program, is involved in a survey of the epibenthic macrofauna of the major canyons from Hudson north. The data are collected by a manned submersible and much of it is currently stored on tape and film. None of it has yet been published.

The Virginia Institute of Marine Science (VIMS) is also involved in multi-disciplined programs of investigation in the continental slope region. Their NSF-NMFS supported investigation of the Norfolk Canyon and adjacent regions involves plankton and benthic sampling as well as geological studies.

The National Weather Service (NWS) maintains for about ten months out of the year the weather ship HOTEL in the slope water at 38°N, 71°W, in 3300 m. This is the only source of fixed meteorological data in the study area.

PROJECT LISTINGS

During the preparation of this report, we contacted over 200 individuals and institutions that might be involved with research in the study region. The result was a sizeable list of individual projects and efforts, many of them part of larger program. We have listed these in the following table. The list includes projects that were in effect sometime in 1975 (Table A-3).

Table A-3. Current research in the study area, 1973 to present.

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Georges Bank Hydrography	Dr. Ronald Schlitz	National Marine Fisheries Service, Woods Hole, Mass.	Sections on Georges Bank to across slope water front once per year. Temperature, salinity, nutrients, chlorophyll and oxygen determined.
Physical Oceanography	Hydrography Western North Atlantic	Mr. Charles Parker	Woods Hole Oceanographic Institution	Gulf Stream Rings, shelf water parcels, environmental data buoy, EBO-1, Homogeneous Bottom Layer, general & seasonal hydrography.
Physical Oceanography	Shelf & Slope Water Hydrography	Dr. Redwood Wright	Woods Hole Oceanographic Institution	Shelf/Slope Front, Gulf Stream Rings, Shelf Water Parcels, general & seasonal hydrography.
Physical Oceanography	Physical Oceanography-Gulf Stream Rings	Dr. Peter Saunders	Woods Hole Oceanographic Institution	----
Physical Oceanography	Site D Hydrography	Mr. Gordon Volkman Mr. Douglas Moore	Woods Hole Oceanographic Institution	Site D Hydrography 39° 10' N, 70° 00' W, 2700m) & serial sections across slope.
Physical Oceanography	Site D Current Measurements	Dr. Richard Payne	Woods Hole Oceanographic Institution	----

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Physical Oceanography of Slope Water/Gulf Stream Boundary	Dr. Philip Richardson	Woods Hole Oceanographic Institution	Interaction of Western Boundary Undercurrent & Gulf Stream northeast of Hatteras.
Physical Oceanography	Microstructure and Current Shears	Dr. Thomas Sanford	Woods Hole Oceanographic Institution	----
Physical Oceanography	Hydrography & Current Measurements	R. C. Beardsley C. L. Flagg	Woods Hole Oceanographic Institution	Hydrography & current measurements at the edge of the shelf, particularly good coverage eastern end of Middle Atlantic Bight, winter, 1974.
Physical Oceanography	Navy Environment: Internal Motions of the Sea and their Measurement by Moored Instrumented Arrays	N. P. Fofonoff	Woods Hole Oceanographic Institution	The kinematics and dynamics of internal motions of both surface and deep waters. A field experiment and observation program to obtain a description and understanding of the distribution of energy in the ocean as a function of frequency of wave numbers measurements made in the western North Atlantic.
Physical Oceanography	Navy Environment: Measurements of Oceanic Internal Wave Motions	C. I. Wunsch	Mass. Inst. of Technology, School of Science, Cambridge, Mass.	Density variations in the oceans and the subsequent effects of those variations on ASW and engineering, -operations will provide engineering knowledge of motions in deep sea cable arrays with direct application to long-term deployment of buoyed cables.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Oceanographic Study of Northeastern U. S. Coastal Waters for International Commission for Northwest Atlantic Fisheries	M. Light	U.S. Dept. of Trans., Coast Guard Oceanographic Unit, Washington, D. C.	A study of the offshore fishing resources which are fished by the U. S. and member nations. The surveys are conducted in the coastal slope waters between Cape Cod and Nova Scotia, to determine the vertical and horizontal distribution of temperature, salinity, dissolved oxygen in these waters which support intensive commercial fishery.
Physical Oceanography	Hydrography & Current at the Shelf Edge	W. Boicourt	Johns Hopkins University	Current meters placed over edge of shelf-Chesapeake Bay to Cape Hatteras.
Physical Oceanography	Gulf Stream & Western Boundary Undercurrent	J. A. Knauss P. Richardson	Univ. of Rhode Island, Kingston, R. I.	The interaction of Gulf Stream and Western Boundary Undercurrent at Cape Hatteras.
Physical Oceanography	Navy Environ.: Deep Ocean Circulation and Water Mass Distribution of the North Atlantic Ocean and Caribbean Sea	W. Sturges	Univ. of Rhode Island, School of Oceanography, Kingston, R. I.	To determine the characteristics of the currents in the deep ocean and deep water renewal processes near Cape Hatteras, along the continental slope & rise, and near 36N 70W to study the broad slow inflow into the Gulf Stream.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Navy Environ.: The Oceanic Front between the Slope & Coastal Water	P. K. Weyl	State Univ. of New York, Graduate School, Albany, N. Y.	The nature of oceanic fronts and the manner in which cold water lenses are formed and are dissipated were investigated. Also, mechanisms to determine the locations of the front.
Physical Oceanography	U. S. Coast Guard Offshore Hydrography	C. W. Morgan LCDR	U. S. Coast Guard Oceanographic Unit, Navy Yard Annex, Wash., D. C.	Hydrographic sections across shelf and slope in N. Y. Bight area. Sections south of Georges Bank in support of ICNAF. Airborne radiation thermometer program, weekly satellite temperature charts.
Physical Oceanography	Coastal Upwelling	R. W. Garvine	Univ. of Connecticut, Marine Sciences Institute	----
Physical Oceanography	Shelf/Slope Water Residence Times	S. L. Kupferman	Univ. of Delaware, College of Marine Studies	Radioactive tracers as indicators of shelf/slope water residence times.
Physical Oceanography	Hydrographic Observations, Shelf/Slope	S. Daubin, Jr.	Lamont-Doherty Geological Observatory, Palisades, N. J.	Hydrographic observations & nephelometer measurements off N. Y. Bight.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Gulf Stream Dynamics	A. Fisher, Jr.	U. S. Navy Oceanographic Office, Washington, D. C., U. S. Weather Service	Entertainment of Shelf Water by the Gulf Stream. Gulf Stream Monthly Summaries 1966-1974, rings and eddies, position of Gulf Stream and Shelf/Slope Boundaries-now issued as "Gulf Stream" by U. S. Weather Service.
Physical Oceanography	East Coast Physical Oceanography	D. Hansen	National Oceanographic & Atmospheric Administration, AMOL, Miami, Fla.	In charge of NOAA's East Coast Physical Oceanic effort.
Physical Oceanography	Hydrographic and Pressure Gage Observations	R. Charnell	National Oceanographic & Atmospheric Administration, AMOL, Miami, Florida	Hydrographic and pressure gage observations in support of MESA, New York Bight.
Physical/ Geological Oceanography	Western Boundary Undercurrents, Sediments in Canyons	H. B. Zimmerman	Union College, Schenectady, New York	----
Physical/ Chemical Oceanography	Physical Processes of Nutrient Enrichment	G. A. Riley G. T. Csanady	Dalnousie Univ. Department of Oceanography, Woods Hole Oceanographic Institution	Nutrient enrichment of shelf waters from offshore, analysis of physical processes involved.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Physical Oceanography	Water Masses of Outer Continental Shelf and Slope	B. Gemmill B. Cheney	NAV OCEANO Code 6151	Description of thermocline characteristics of water masses. Studies of particular features of slope front, northern edge of Gulf Stream
Physical Oceanography	U. S. Coast Guard Infra Red Temperature Plots	----	Dept. of Transportation, U. S. Coast Guard Oceanographic Unit, Wash., D. C.	U. S. Coast Guard flights over shelf and slope. Seasonal temperature plots from infra red temperature data.
Physical Oceanography	Gulf Stream Meandering & Effects on Currents	J. R. Luyten	Woods Hole Oceanographic Institution	Energetic meandering of Gulf Stream, radiation of energy as topographic waves, space and time scales of flow. Use of current meters to determine Gulf Stream motion.
Physical Oceanography	Coastal Oceanography	P. Smith	Bedford Institute of Oceanography, Dartmouth, Nova Scotia	Long term motions and water properties along 61°30' across the shelf break.
Physical Oceanography	Tides of the Scotian Shelf and Slope	B. Petrie	Bedford Institute of Oceanography, Dartmouth, Nova Scotia	Surface and internal tides on the Scotian Shelf and Slope with moorings from 100 to 1700 meters along 63° W.
Physical Oceanography	Wave Climate of the North Atlantic	H. Neu	Bedford Institute of Oceanography, Dartmouth, Nova Scotia	Amplitude, period, and direction, directional energy spectra, and 1, 10, and 100 year maximum wave heights (design wave).

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography-Zooplankton	Ichthyoplankton Surveys	Mr. Merton C. Ingham	National Marine Fisheries Service, MARMAP Program, Narragansett, Rhode Island	Ichthyoplankton surveys at shelf/slope front, ships of opportunity, deep dump sites.
Biological Oceanography-Benthos	Megabenthic Studies	Dr. Richard Cooper Dr. Joseph Uzmann	National Marine Fisheries Service, Woods Hole, Mass.	Megabenthic surveys using manned submersibles, nekton boat in East Coast canyons. Benthic ecology in canyon areas. Recorded on film and video tape. Data as yet unpublished.
Biological Oceanography-Benthos	Remote Sampling of Benthic Species	Dr. Roland Wigley Mr. Roger Theroux	National Marine Fisheries Service, Woods Hole, Mass.	Benthic invertebrate surveys, shelf and slope Cape Cod to Cape Hatteras. Two major reports due within the year. 1. Benthos of shelf and slope of entire Atlantic, biomass and density. 2. Benthos of Cape Cod to Cape Hatteras for MESA.
Biological Oceanography-NEKTON	Investigation of Mesopelagic and Deep Ocean Fishes	Dr. Richard Backus Mr. Andrew Jahn	Woods Hole Oceanographic Institution	World-wide investigation of pelagic fishes at midwater trawl stations. Several trawl stations in slope water off N. E. Coast. Distribution of mesopelagic fishes in shelf, slope, Sargasso Sea. Computerized data bank.
Biological Oceanography-Benthos	Deep Sea Benthos	Dr. Gilbert Rowe	Woods Hole Oceanographic Institution	Zonation and causes in deep sea benthos, sediment-faunal relationships, with data from Woods Hole Bottom Station #1.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography-Benthos Chemical Oceanography	Organic Geochemical & Biological Processes	Dr. Gilbert Rowe Dr. John Farrington	Woods Hole Oceanographic Institution	Rates of biological and organic geochemical processes in the deep ocean with data from Woods Hole Bottom Station #1.
Biological Oceanography Benthos	Ecology of Submarine Canyons	Dr. Richard Haedrich Dr. Gilbert Rowe	Woods Hole Oceanographic Institution	Fish and benthic invertebrate distribution & zonation in East Coast submarine canyons.
Biological Oceanography-NEKTON	Migration of Pelagic Game Fishes	Mr. Frank Mather Mr. John Mason	Woods Hole Oceanographic Institution	Distribution & migrations of pelagic game fishes (tunas, billfishes) in Western North Atlantic waters.
Biological Oceanography-Benthos	Deep Sea Benthic Biology	Dr. Howard Sanders Dr. Frederick Grassle	Woods Hole Oceanographic Institution	Population dynamics of deep sea organisms with data from Woods Hole Bottom Station #1 and Gay Head--Bermuda transects.
Biological Oceanography Zooplankton	Zoogeography of Benthic Invertebrates	Dr. Rudolf Scheltema	Woods Hole Oceanographic Institution	Plankton distribution off shelf/slope boundary. Offshore dispersal of benthic invertebrate larvae.
Biological Oceanography-Benthos	Metabolism of Deep Sea Benthic Communities	Dr. Kenneth Smith	Woods Hole Oceanographic Institution	In situ measurements of benthic community metabolism from 30 to 5200m along the Gay Head-Bermuda transect & the Woods Hole Bottom Station #1.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography-Zooplankton	Plankton Communities of the Northwest Atlantic	Dr. Peter Weibe	Woods Hole Oceanographic Institution	Spatial patterns in distribution & abundance of plankton communities in shelf, slope and Sargasso Sea water. Gulf Stream Rings and shelf water eddies.
Biological Oceanography-Benthos	Deep Sea Microbial Activity	H. W. Jannasch	Woods Hole Oceanographic Institution	Rates of microbial degradation of organic materials as studied at permanent deep sea stations with the aid of research vessel ALVIN. Includes Woods Hole Bottom Station #1.
Biological Oceanography-Phytoplankton	Phytoplankton of the Northwest Atlantic	E. M. Hulburt N. Corwin	Woods Hole Oceanographic Institution	Nutrients and phytoplankton distributions, species, composition and diversity in shelf, slope and Sargasso Sea waters.
Biological Oceanography-Benthos	Taxonomy of Deep Sea Isopods	R. R. Hessler	Scripps Institute of Oceanography	Work in conjunction with deep-sea benthic community structure program at Woods Hole Oceanographic Institute.
Biological Oceanography	Biological Characteristics of Marine Sediment-Water Interface	R. G. Johnson	Univ. of Chicago, School of Physical Sciences	Examination of the biological characteristics of the marine sediment-water interface on the shelf and slope.
Biological Oceanography-Plankton	Plankton Dynamics	R. O. Fournier	Dalhousie University, Dept. of Oceanography	Plankton dynamics and nutrient recycling mostly off Scotian Shelf, but probably applies to Georges Bank.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography Benthos	Deep-sea Fouling and Boring Organisms	R. D. Turner	Harvard University, Museum of Comparative Zoology	Deep-sea fouling and boring organisms at the Woods Hole Bottom Station #1.
Biological Oceanography-Benthos	Deep-water Holothurian Predation	M. A. Fox	University of Massachusetts, Biology Department, Boston, Mass.	Effect of predation by holothurians on composition of benthos from Woods Hole Bottom Station #1.
Biological Oceanography-Benthos	Microbiology of Sediments	C. D. Litchfield	Rutgers Univ., Marine Sciences Center, New Brunswick, N. J.	Contribution of marine bacteria to the mineralization of organic matter in sediments of Hudson Canyon and New York Bight. Cores. On-going study with Mar. Sci. Consortium, Univ. of Delaware on continental shelf off Delaware.
Biological Oceanography-Benthos	Systematics & Zoogeography of Sipuncula	E. B. Cutler	Utica College, Schenectady, N. Y.	Distribution of Sipuncula & Pogonophora in Western North Atlantic, especially slope off North Carolina. Bottom trawls with dredges and epibenthic sled to 2000m. Computerized data bank.
Biological Oceanography-Benthos/ NEKTON	Ecosystems Structures-Norfolk Canyon and Adjacent Slope	J. A. Musick	Virginia Institute of Marine Science, Gloucester Pt., Va.	Deep dumpsite evaluation in Norfolk Canyon and adjacent slope. Faunal analyses of data obtained by manned submersibles and surface ships.
Biological Oceanography-Benthos	Macrofaunal Communities of Shelf/Slope	D. Boesch	Virginia Institute of Marine Science, Gloucester Pt., Va.	Species diversity in macrofaunal communities in the False Cape to Cape Hatteras shelf/slope.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography-Zooplankton	Zooplankton Communities of Norfolk Canyon Area	G. Grant	Virginia Institute of Marine Science, Gloucester Pt., Va.	Collections from regular seasonal cruises in Norfolk Canyon area. Bongo type nets, biomass and taxonomic work.
Biological Oceanography-Benthos	Epibenthic Macrofauna-Norfolk Canyon Region	P. Haefner	Virginia Institute of Marine Science, Gloucester Pt., Va.	Studies of epibenthic fauna, especially crabs in the Norfolk Canyon and adjacent slope areas.
Biological Oceanography-Benthos	Systematics and Ecology of Gammaridean Amphipods	E. L. Bousfield	National Museum of Natural Sciences Ottawa, Canada	Impending program involving complete survey of benthic, epibenthic and pelagic organisms, including gammaridean amphipods. Initially on slope adjacent to Cape Hatteras, but possibly extending to New England.
Biological/ Chemical Oceanography-Benthos	Benthic Fauna and Heavy Metals Beyond the Shelf Edge	J. B. Pearce	National Marine Fisheries Service Middle Atlantic Coast Fisheries Center, Sandy Hook Lab., N. J.	Distribution of benthic fauna by grab sample, sediment type, heavy metals burdening of sediments and fauna at the deep water dumpsites, Hudson Canyon region.
Biological Oceanography-Plankton	MARMAP Zooplankton & Ichthyofaunal Surveys	R. R. Marak	National Marine Fisheries Service Northeast Fisheries Center, Narragansett Lab.	On-going survey of zooplankton & ichthyofauna Cape Hatteras, Bay of Fundy, shelf and inner slope waters. Bongo net array. Computerized data bank, largely unpublished results.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography	Bottom Trawl Surveys	M. Grosslein B. E. Brown G. H. Heyerdahl H. Jensen	National Marine Fisheries Service, Northeast Fisheries Center, Woods Hole	Bottom trawl surveys, offshore portion of shelf and inner slope. Relative abundance, size, structure, seasonal distribution of stocks of living resources.
Biological Oceanography-Plankton	Biomass of Surface Bacteria	J. Siebruth	University of Rhode Island, Kingston, R. I.	Cruises across slope water to determine surface bacterial biomass.
Biological Oceanography-NEKTON	Distribution & Ecology of Mesopelagic Fishes--Shelf Edge & Slope	B. Krueger	University of Rhode Island, Kingston, R. I.	----
Biological Oceanography-Phytoplankton	Phytoplankton Distribution Along U. S. East Coast	H. Marshall	Old Dominion University	Four-year study of the phytoplankton components & dominant species of the shelf and inner slope of the U. S. East Coast
Biological/ Geological Oceanography	Geological Effects of Microboring Organisms in Marine Sediments	R. D. Perkins	Duke University, Durham, N. C.	Study role of microboring organisms in modifying marine sediment, from data at Woods Hole Bottom Station #1.
Biological Oceanography-Benthos	Ascidians (Ascidiacea, Chordata) of Atlantic & Gulf Coasts	H. H. Plough	University of Mass., Amherst, Mass.	Collections and identification of ascidians from 10 to 1000m from Gulf of Maine to Gadre Island, Texas. Publication of a monograph of this group.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Biological Oceanography-NEKTON	Population Ecology of Squid	M. Mercer	Fisheries Research Board Canada, St. Johns, Nfld.	Distribution, biology, and population dynamics of squid through bottom trawling and hydrography.
Biological/ Physical Oceanography	Water Masses and Fish Production of Scotian Shelf	K. Drinkwater W. Sutcliffe	Bedford Institute of Oceanography, Dartmouth, Nova Scotia	Effects of fresh water discharge on the water masses of the Scotian Shelf, and its relation to fish production.
Chemical Oceanography	Chlorinated Hydrocarbons in Shelf and Slope Waters	Dr. George Harvey	Woods Hole Oceanographic Institution	PCB and pesticide work in shelf, slope and open ocean. Analysis of fish on Georges Bank and cores in Hudson Canyon.
Chemical Oceanography	Geochemistry of Steroids in Western North Atlantic	Dr. Robert Gagosian	Woods Hole Oceanographic Institution	Cycling of organic compounds in sea water with special emphasis on reactive bio-chemicals, shelf and slope waters of W. North Atlantic.
Chemical Oceanography	Bio-organic Chemistry of Sediments	Dr. John Farrington	Woods Hole Oceanographic Institution	Baseline type survey of hydrocarbon concentration in sediments. Station transect continental shelf to Bermuda.
Chemical Oceanography	Radioactive Tracers & Diffusive Transport	Dr. Derek Spencer Dr. Peter Brewer	Woods Hole Oceanographic Institution	Radioactive tracers and diffusive transport. Shelf waters to Sargasso Sea.
Chemical Oceanography	Offshore Resources	Dr. John Hunt	Woods Hole Oceanographic Institution	How deep are economic oil & gas accumulations.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Chemical Oceanography	Nutrient Transport from Deep Ocean to Shelf Waters	C. S. Yentsch	Bigelow Laboratory for Ocean Sciences	
Chemical Oceanography	Strontium-90 Fallout Over the Ocean	E. P. Hardy	U. S. Atomic Energy Commission, Health & Safety Lab., New York, N. Y.	Ocean water samples collected by the WHOI are analyzed for Sr-90 under AEC contracts administered by HASL. The data are used for ocean circulation studies. Most of the samples are collected at four Coast Guard Weather Stations in the North Atiantic.
Chemical Oceanography	Chemical and Physical Properties of the Shelf & Slope Waters	R. W. Baier D. D. Adams	Duke University, Department of Chemistry	Dissolved gases, trace metals and other chemical and physical properties of the shelf and slope waters of Virginia and North Carolina.
Chemical Oceanography	Nutrients of Shelf and Slope Waters	R. Barber	Duke University, Marine Laboratory, Beaufort, N. C.	Silicates and other nutrients in the shelf and slope waters east of Cape Hatteras.
Chemical Oceanography	Oxygen Isotope Ratios as Water Tracers	W. Broecker	Lamont-Doherty Geological Observatory, Palisades, N. J.	-----
Chemical Oceanography	Determination and Measurement of Heavy Metals	W. F. Fitzgerald	University of Connecticut, Marine Science Institute	-----

Table A-3. (Cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Seismic Profiler and Sample Study of Gravity Slide Masses on Continental Slope and Rise off Scotian Shelf & Grand Banks	G. W. Webb	University of Mass., Graduate School, Amherst, Mass.	Detailed bathymetric and subbottom profiling data over the 1929 Grand Banks slump blocks on the continental slope off Newfoundland and Nova Scotia. The external morphology and internal structure of these slump blocks and on adjacent submarine slopes. Slide paths of the blocks.
Geological Oceanography	Atlantic Continental Margin Geophysics	J. C. Behrendt	U. S. Dept. of the Interior, Geological Survey, Woods Hole, Mass.	Deep structure of the continental shelf and slope of the Atlantic margin of the U. S. Regional structural interpretations, thickness and distribution of sedimentary formations, and evaluation of the petroleum potential of major basins in the Atlantic continental margin.
Geological Oceanography	Marine Hydrology and Geochemistry	R. H. Meade	U. S. Dept. of the Interior, Geological Survey, Woods Hole, Mass.	The chemical compositions of surficial sediments and older sedimentary rocks of the continental margin--including the composition of their interstitial waters and their real stratigraphic variations.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Holocene Ostracoda Atlantic Continental Margin	J. E. Hazel	U. S. Dept. of the Interior, Geological Survey, Washington, D. C.	Study of the ostracods from several hundred Holocene bottom grab samples taken from the continental shelf and slope. Also, numerous pre-Holocene rock samples dredged from the shelf and submarine canyons have been analyzed paleontologically.
Geological Oceanography	Navy Environment-- The Erosion of Coastal and Nearshore Sediments and Rocks and Their Dispersal to the Deep Sea Floor	F. P. Shepard	University of California, Graduate School, San Diego, Cal.	Physical changes in the coastline around the U. S. interpreted from historical and recent photographs. Current measurements in submarine canyons to determine the maximum down-canyon currents. Seismic reflection and bathymetric data from the character and origin of intrusive sedimentary structures will be observed. The amount and character of disruption of unconsolidated and consolidated sediments by marine organisms will be observed.
Geological Oceanography	Geothermal Investigation in Ocean Regions	R. P. Vonherzen	Woods Hole Oceanographic Institution, Woods Hole, Massachusetts	Geothermal investigations in marine and continental deep lake environments, principally to elucidate relationships between geotectonic activity and surface heat flow.
Geological Oceanography	Geology of Delaware Shelf and Slope	R. E. Sheridan	University of Delaware, College of Marine Studies	Seismic studies, drill holes in Delaware shelf and slope, magnetics, domes as potential petroleum deposits.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Radioactive Tracers	P. Biscaye	Lamont-Doherty Geological Observatory, Palisades, N. J.	Radioactive tracers in water column and sediments off New York Bight.
Geological Oceanography	Seismic Reflection of Continental Margin	J. Ewing	Lamont-Doherty Geological Observatory, Palisades, N. J.	Multi-channel seismic reflection of the eastern U. S. Continental Margin. Georges Bank & New York Bight
Geological Oceanography	Sedimentary Processes on Continental Slope and Upper Rise	G. H. Keller	National Oceanographic & Atmospheric Administration, AMOL, Miami, Fla.	Analyses of geological samples and measurements (cores, grabs, echo soundings) on slope between Cape Hatteras & Hudson Canyon.
Geological Oceanography	Sediments and Structural Geology of the Shelf and Slope	R. L. McMaster	University of Rhode Island, Kingston, R. I.	-----
Geological Oceanography	Bathymetry of Virginia Sea	V. Goldsmith	Virginia Institute of Marine Science, Gloucester Pt., Va.	Detailed bathymetric mapping of Virginia Sea to 1000m
Geological Oceanography	Stratigraphy of Atlantic Outer Continental Shelf	J. C. Hathaway	U. S. Geological Survey, Woods Hole, Mass.	Stratigraphy of sediments underlying the continental margin of U. S. by shallow core drilling concentrated on Georges Bank Margin, but also south along Continental Shelf Break. Paleontology, lithology, mineralogy and geochemistry of cores.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Geology of Oil Potential, Continental Margins	J. S. Schlee	U. S. Geological Survey, Woods Hole, Mass.	The geologic history of the continental margin by outlining the shape and thickness of Mesozoic and Cenozoic strata above the crystalline basement. Single and multichannel seismic reflection profiles.
Geological Oceanography	Site Surveys, Atlantic Outer Shelf	W. P. Dillon	U. S. Geological Survey, Woods Hole, Mass.	Stratigraphic sampling through exploratory drill sites to disclose the age and nature of shelf and slope rocks and the suitability of sites for petroleum drilling.
Geological Oceanography	Baltimore Canyon Surveys	H. Knebel	U. S. Geological Survey, Woods Hole, Mass.	
Geological Oceanography	Atlantic Continental Margin Geophysics	J. C. Behrendt	U. S. Geological Survey, Woods Hole, Mass.	Investigate the deep structure of the continental shelf and slope of the Atlantic Margin through multichannel seismic profiles and aeromagnetic surveys Florida to Canadian border to 2000m.
Geological Oceanography	Modern Foraminifera, Gulf and Atlantic Shelf	C. W. Poag	Geological Survey, Woods Hole, Mass.	Distribution of modern benthic foraminifera on shelf and slope Western North Atlantic in relation to marine paleontologic studies.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Holocene Ostracoda-Atlantic Continental Margin	J. E. Hazel	U. S. Geological Survey, Wash., D. C.	Study of Ostracodes from Holocene bottom grab samples. Limits of species & biofacies & factors controlling distribution. Also, Pre-Holocene rocks from shelf and submarine canyons.
Geological Oceanography	Marine Geophysical Surveys	R. Q. Foote	Geological Survey, Herndon, Va.	Geological and geophysical studies from Florida to northeast edge of Georges Bank to refine estimates of petroleum potential.
Geological/ Chemical Oceanography	Environmental Organic Geochemistry of Outer Continental Shelves	R. E. Miller	Geological Survey, Herndon, Va.	Determine baseline concentrations of naturally occurring organic constituents (hydrocarbons, asphaltics, fatty acids, sterols and metallo-organic complexes in surface shelf & slope sediments.
Geological Oceanography	Geologic Structures: Gulf of Maine, Scotian Shelf, Georges Bank	E. Uchupi E. Prada	Woods Hole Oceanographic Institution	Determine extension of Triassic structures Gulf of Maine and Scotian Shelf and relation between structures on seaward edge of Georges Bank and Browns Bank. Bathymetric, magnetic and seismic profiling.
Geological Oceanography	Sedimentary Dynamics in Canyons	C. D. Hollister	Woods Hole Oceanographic Institution	Sediment transport, canyon dynamics, Western Boundary Undercurrent. Manned submersibles and giant core.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Geological Oceanography	Canyon Structures and Currents	R. D. Ballard	Woods Hole Oceanographic Institution	Current measurements in submarine canyons. Mapping structures out to 12,000 feet on shelf and slope.
Geological Oceanography	Shelf/Slope Paleoecology Studies	D. Wall	Woods Hole Oceanographic Institution	Distribution of Eneysted dinoflagellates in shelf/ slope sediments for paleoecology studies.
Geological Oceanography	Canyon Erosion	R. Embley	Lamont-Doherty Laboratory, Palisades, N. J.	-----
Geological Oceanography	Sediments of Shelf Edge and Upper Slope	D. Stanley M. Wear	Smithsonian Institution, Wash., D. C.	Shelf break to upper slope (60-100m) to transects between Norfolk and north of Wilmington Canyon. Superficial look at sediments from cores.
Geological Oceanography	Dispersion & Transport of Suspended Sediments on Continental Shelves	J. W. Pierce	Smithsonian Institution Wash., D. C.	Study processes involved in transport of suspended particulate matter; mode of transportation, depositional processes, mineral fractionation, sediment/organic matter/ biota interrelations.
Meteorology	Atmospheric-sea Surface Interface	A. Bunker	Woods Hole Oceanographic Institution	Heat exchange, evaporation, wind stress at the sea surface and geographical description.

Table A-3. (cont.)

Topic Area	Project	Investigator	Institution	Description
Meteorology	Distribution of Atmospheric Dust and Pollutants	R. Duce	University of Rhode Island, Kingston, R.I.	-----
Meteorology	Meteorology of the Georges Bank Region	R.E. Lynde	U.S. Weather Service, Logan International Airport, Boston, Mass.	Meteorological data of Georges Bank region and knowledge of the whole region.
Commercial Fisheries	Fishing Vessel Patrol	Marine Science Officer, U.S. Coast Guard	U.S. Coast Guard, Governor's Island	Routine surveillance of the foreign fishing fleet, includes surveillance of fishing activity at and beyond the shelf break.

A.2 CURRENT EFFORT

A.2.2 CURRENT CRUISES

Table A-4 Current research vessel operating schedules that include the continental slope region for 1975 (after UNOLS 1975).

Cruise period	Area of operation & objectives	Chief Scientist	Institution & Vessel
7/11/75 to 8/4/75	Western North Atlantic: chemical & physical oceanographic work, geophysical studies of diagenetic processes of horizon A; near bottom acoustic experiments.	J. Damuth	Lamont-Doherty Geological Observatory-- R/V Robert D. Conrad
8/11/75 to 9/8/75	Multi-channel seismic reflection profiles of East. U.S. continental margin: (1) Gulf of Maine-Georges Bank Trough-Sohm Abyssal Plain, (2) N.Y. Bight-Baltimore Canyon-Hatteras-Sohm Inter-plain gap.	J. Ewing C. Windisch P. Stoffa P. Buhl	Lamont-Doherty Geol. Observ.-- R/V Robert D. Conrad
9/12/75 to 10/10/75	Multi-channel seismic reflection profiles of East. U.S. continental margin: (3) Cape Hatteras coastal plain-Hatteras Canyon-Hatteras Abyssal Plain, (4) East Florida shelf-Blake plateau-Blake-Bahama Basin-Blake-Bahama Outer Ridge.	J. Ewing C. Windisch P. Stoffa P. Buhl	Lamont-Doherty Geol. Observ.-- R/V Robert D. Conrad
12/4/75 to 12/31/75	Western North Atlantic: geophysical study of near bottom processes; acoustical properties of upper 100-200m of sediment; acoustic-stratigraphic mapping; near bottom energy sources and/or receivers.	D. Hayes R. Embley	Lamont-Doherty Geol. Observ.-- R/V Robert D. Conrad
5/5/75 to 5/10/75	N.C. shelf and slope meiobenthic workshop to determine baseline information for working with omnipresent.	B. C. Coull	Duke Univ.-- R/V Eastward
5/29/75 to 6/5/75	N.C. continental shelf: zoogeographical distribution of fishes as related to water mass indifferences.	J. J. Magnuson	Duke Univ.-- R/V Eastward
8/25/75 to 9/5/75	Shelf & slope waters of Virginia & N.C.: study of lead dispersion & specification off the N.C. coast, investigation of the Virginia slope and shelf waters will emphasize dissolved gases and trace metals as well as other chemical & physical parameters.	R. W. Baier D. D. Adams	Duke Univ.-- R/V Eastward

Table A-4 (cont.)

Cruise period	Area of operation & objectives	Chief Scientist	Institution & Vessel
9/18/75 to 10/7/75	Norfolk Canyon: study of the ecology of fish, zooplankton & epibenthic invertebrates of Norfolk Canyon & adjacent continental slope.	J. Musick (Virginia Inst. of Marine Science)	Rosensteil School of Marine & Atmos. Sciences-Univ. of Miami--R/V Gilliss
5/10/75 to 5/26/75	Gulf Stream: track Gulf Stream rings with sofar floats & free drifting buoys launched previously, measurements of radioactive tracers for residence time and measurements of nutrients for balance calculations. (TR 168)	Richardson Kupferman	Univ. R. I. R/V Trident
6/8/75 to 6/28/75	Northwest Atlantic: edge effects between Gulf Stream & slope water. C^{14}- primary production, O_2 electrode, bioluminescence, nutrients, zooplankton, phytoplankton, in situ growth rates, TWP, salinity and benthos. Also, sample oceanic atmosphere for phosphorus. Vertical and oblique plankton sampling to obtain specimens of living planktonic foraminifera for culturing experiments, morphological & ultrastructure investigations. (TR 169)	Swift Corliss Graham	Univ. R.I.-- R/V Trident
11/8/75 to 11/22/75	Gulf Stream: track Gulf Stream rings as part of POLYMODE. Also, sampling of oceanic atmosphere for phosphorus and sampling living planktonic foraminifera for culturing experiments, morphological & ultrastructure investigations. (TR 177)	Richardson Graham Corliss	Univ. R.I.-- R/V Trident
1/3/75 to 1/25/75	Western North Atlantic: northern Sargasso Sea. To determine the amounts and vertical distribution of fallout plutonium, americium 241, iron 55 and cesium 137 in the sediment cores and overlying water.	V. Bowen	Woods Hole Ocean. Inst.--R/V Atlantis II
3/3/75 to 3/21/75	Continental rise between Bermuda and southern New England and N.Y. Bight. Marine biology; benthic sampling with trawls, cameras and grabs.	R. Haedrich	Woods Hole-- R/V Atlantis II

Table A-4. (cont.)

Cruise Period	Area of operation & objectives	Chief Scientist	Institution & Vessel
3/26/75 to 4/9/75	N.Y. Bight: marine biology. Temporal and spatial variability of productivity. In cooperation with Brookhaven National Lab.	J. Walsh	Woods Hole-- R/V Atlantis II
6/23/75 to 7/1/75	N.Y. Bight: marine biology. Shelf edge physical and biological processes. In cooperation with Brookhaven National Lab.	F. Barvenik	Woods Hole-- R/V Atlantis II
7/28/75 to 8/21/75	Western North Atlantic: Georges Bank. Bathymetric, magnetic and seismic profiling surveys using six channel array. To determine the seaward extension of the Triassic structures in the Gulf of Maine; the westward extension of the diapiric structures of the Scotian Shelf; and the relation between the structural ridge on the seaward edge of Georges Bank and the diapiric ridge off Browns Bank.	E. Uchupi	Woods Hole-- R/V Atlantis II
9/1/75 to 10/1/75	Western North Atlantic: marine acoustics (LRAP).	E. Hays	Woods Hole-- R/V Atlantis II
6/8/75 to 7/1/75	Northwest Atlantic: to elucidate animal zonation and total benthic community metabolism.	G. Rowe K. Smith	Woods Hole-- R/V Chain
7/3/75 to 7/22/75	Sargasso Sea & continental shelf between Cape Henlopen & Cape Hatteras: to study Gulf Stream rings. Hydrographic stations, plankton tows.	P. Weibe	Woods Hole-- R/V Chain
8/22/75 to 9/3/75	Continental shelf between Delaware Bay and Cape Hatteras: marine biology. Plankton sampling & hydrographic stations.	R. Sheltema	Woods Hole-- R/V Chain
9/8/75 to 9/28/75	Northwest Atlantic: marine acoustics; to investigate the relationships between large scale oceanic variations (temperature & sound velocity) & variations in phase and amplitude of continuous wave acoustic transmissions.	R. Porter R. Spindel	Woods Hole-- R/V Chain

Table A-4. (cont.)

Cruise period	Area of operation & objectives	Chief Scientist	Institution & Vessel
1/24/75 to 1/31/75	N. Y. Bight: marine biology. Shelf edge physical & biological processes. In cooperation with Brookhaven Nat. Lab.	F. Barvenik	Woods Hole-- R/V Knorr
10/8/75 to 11/4/75	West. North Atlantic: Cape Cod to Bermuda. Measurements of velocity shear & microstructure activity at several locations along a line from continental shelf to Bermuda.	T. Sanford	Woods Hole-- R/V Knorr
11/7/75 to 11/26/75	Sargasso Sea & Mid-Atlantic continental shelf: to study Gulf Stream rings, Hydrographic stations, STD casts, plankton tows.	P. Wiebe	Woods Hole-- R/V Knorr
6/4/75 to 7/16/75	Northwest Atlantic: physical oceanography. Open for other projects.	E. Monahan	Amer. Sailing Education Assoc. R/V Westward
7/23/75 to 9/10/75	Northwest Atlantic: study of marine mammals-distribution and acoustic and behavioral characteristics. Open for special projects.	R. Hughes P. Beamish	Amer. Sailing Education Assoc. R/V Westward

A.3 FUTURE EFFORT

Table A-5. Future research vessel operating schedules that include the continental slope region for 1976 (after UNOLS 1976).

Cruise period	Area of operation & objectives	Chief Scientist	Institution & Vessel
6/25/76-7/24/76	Norfolk Canyon, Virginia	J. Musick, VIMS	Rosenstiel School of Marine and Atmos. Sciences-Univ. of Miami--R/V Gilliss
5/6/76-5/19/76	Hatteras Abyssal Plain. Study of Hatteras Abyssal Plain to furnish additional information concerning the attributes of single flow; i.e., thickness, aerial extent, volume, distance of travel, extent of incorporation of underlying material, slope of basin floor.	Pilkey-Cleary	Duke Univ.--R/V Eastward
5/26/76-6/6/76	Outer continental shelf east of Delaware. Collection of seismic & magnetic data to help determine the origin of a dome structure on the Delaware outer continental shelf.	Sheridan	Duke Univ.--R/V Eastward
1/21/76-2/4/76	North Atlantic: unassigned		Univ. of R.I.--R/V Trident
4/1/76-4/15/76	North Atlantic: biology	Haedrich	Woods Hole--R/V Oceanus
4/20/76-5/5/76	Northwest Atlantic: marine biology	Smith	Woods Hole--R/V Oceanus
5/10/76-5/19/76	North Atlantic: biology	Scheltema	Woods Hole--R/V Oceanus
5/23/76-6/12/76	North Atlantic: biology	Webb	Woods Hole--R/V Oceanus
6/16/76-7/1/76	North Atlantic: biology	Haedrich	Woods Hole--R/V Oceanus
7/5/76-7/23/76	Northwest Atlantic: marine biology	Smith	Woods Hole--R/V Oceanus
7/27/76-8/5/76	North Atlantic: biology	Scheltema	Woods Hole--R/V Oceanus

Table A-5. (cont.)

Cruise period	Area of operation & objectives	Chief Scientist	Institution & Vessel
8/22/76- 9/15/76	North Atlantic: polymode	Rossby	Woods Hole-- R/V Oceanus
9/19/76- 10/9/76	North Atlantic: Polymode	Richardson	Woods Hole-- R/V Oceanus
10/12/76- 11/2/76	North Atlantic: polymode	Richardson	Woods Hole-- R/V Oceanus
11/6/76- 11/26/76	North Atlantic: polymode	Richardson	Woods Hole-- R/V Oceanus
11/30/76- 12/20/76	North Atlantic: polymode	Rossby	Woods Hole-- R/V Oceanus
10/7/76- 11/5/76	North Atlantic: polymode	Schmitz	Woods Hole-- R/V Knorr
11/9/76- 11/30/76	North Atlantic: polymode	Watt	Woods Hole-- R/V Knorr
12/3/76- 12/23/76	Sargasso Sea: Gulf Stream Rings	Wiebe	Woods Hole-- R/V Knorr

A.2.1 HIGHLIGHTS OF IMPENDING PROGRAMS

Very few new programs are specifically oriented towards the continental slope region. There are, however, continuations of existing slope programs which have new elements, and several new programs that are concerned primarily with the shelf region, but which also collect data from stations located beyond the shelf edge.

There are several large interdisciplinary programs that relate to the study region; however, the only new major program specifically oriented toward the deep water environment that we can identify is an NSF funded, multidisciplinary study to be carried out at the Woods Hole Bottom Station No. 1 under the direction of Dr. Holger Jannasch. This in situ study will attempt to define the cycles of organic matter through the deep sea ecosystem on the continental rise off Cape Cod.

The study at the deep water dumpsite off the New York Bight will continue this year under NOAA funding with two scheduled summer cruises, one involved in benthic studies using the submersible ALVIN, and one involved in physiologically oriented studies. Although not a new effort, the program at the deep water dumpsite is a continually evolving one with new investigations being periodically introduced.

Another large effort is the investigation of the continental shelf environment funded by the Bureau of Land Management (BLM). This program has already begun in the Mid-Atlantic OCS region, and will commence within the year in the North Atlantic region. The program is designed to evaluate the marine environment in relation to oil development. Although oriented toward the continental shelf areas, these studies include stations beyond the shelf edge and will provide some data on the physical, chemical, geological, and biological oceanography of the slope region.

Within disciplines there are some new developments relative to the slope region.

In physical oceanography an expanded effort by the National Marine Fisheries Service (NMFS) to provide back-up physical data for their fisheries studies will involve sampling and current meter work primarily in the Georges Bank area, but with some data collected from the adjacent slope. The Bedford Institute's Coastal Oceanography Group will be working in the Laborador Current between approximately 63° and 64°W, near the eastern boundary of the study region. Dr. Charles Parker of Woods Hole Oceanographic Institution has been funded by NSF to examine historical data relative to temperature characteristics of Gulf Stream rings.

In geological oceanography the USGS will be conducting studies on the shelf and slope during the current year. Summer cruises include high resolution profiling, magnetics and gravity in areas beyond the shelf edge from Jacksonville to Cape Fear, and across the shelf, slope and rise seaward from Block Island. Fall work by USGS includes piston and vibra coring

on the slope and Blake Plateau.

There were no new programs identified in chemical oceanography except for the trace metal, hydrocarbon and nutrient sampling currently funded by the BLM in the Mid-Atlantic area, and soon to be funded in the North Atlantic area, relative to the multi-disciplined oceanographic studies already mentioned.

New biological programs in the slope region are also not plentiful, although much of the work at the Woods Hole Bottom Station and the deep-water dumpsite is biological in nature. Studies on the plankton beyond the shelf edge is continuing in the northern portions of the study region by investigators at the Woods Hole Oceanographic Institution and at the southern portion around the Norfolk Canyon by investigators at the Virginia Institute of Marine Science (VIMS); however, no new studies can be identified. New benthic studies will be conducted at several slope stations from Cape Hatteras to Georges Bank under BLM funded projects. These include species composition, distribution and population studies as well as the occurrence and effect of trace metals and hydrocarbons on benthic organisms. Zooplankton studies that include some slope stations will also be funded by the BLM. A continuing study of the megabenthos of the shelf and slope areas of the North Atlantic by the National Marine Fisheries Service includes 60 outer shelf/upper slope stations and will continue with 100 dives by the submersible ALVIN during June and July, 1976. This data will add to 3 years of already existing information on the megabenthos of the study region.

APPENDICES B & C

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INTRODUCTION

The following master bibliography consists of a computerized manipulation of all sources of printed information that were reviewed during the course of this study. The more than 1400 citations listed in the bibliography include all references cited in the text of the report and also those reviewed during the literature search but not directly cited.

Organization of the Bibliography

The bibliography is composed of three sections:

I. Keyword Index
II. Author Index
III. Complete Citation

The keyword index consists of an alphabetical list of title keywords or word groups (i.e., salt-marsh), each title in which the word appears and a reference number directing the user to the complete citation in Section III. Words that are meaningless for the purpose of a subject index have been eliminated by introducing them into the computer program as "stop-words", thus preventing the file from being searched for the unwanted word.

The author index consists of an alphabetical list of both principal and junior authors or authoring agencies, the titles of their publications, and a reference number indicating the location of the complete citation.

In Section III, the complete citations are listed alphabetically by first author and sequentially by reference number. Included in the citations are author, title, source, date and by chapter where the references were cited in the text. We attempted to standardize the reference sources as much as possible and have used abbreviations in accordance with the American Standard for Periodical Title Abbreviations (National Clearinghouse for Periodical Title Word Abbreviations, 1966).

Computer Program

The computer program for this Bibliography was written in Pl/1 for the IBM 370/155 computer and is described in detail by P.L. White (1968) in KWIC/360 Keyword in Context Indexing Program for the IBM Systems/360 to be found in IBM contributing Library Program No. 360 - D - 06.7.014, 117pp. The package consists of three program designed to run under OS/370 as a series of job steps:

KWICA - reads source data in card form, carries out sequence checks and creates the following output data sets:

1. bibliographic file
2. index of titles
3. index of authors

THe program also allows the user to nominate a number of stop-words: i.e., words that are not to be used a keywords and are rejected from the index.

KWICB - reads sorted bibliographic files and prints bibliographic records

KWICC - reads sorted keyword index files and prints the keyword index

The program was used by Ali, et al. (1973) with slight modification to produce a bibliography of the New York Bight area and has been adapted to the IBM 370/145 system at the University of Maine to produce this bibliography. Further descriptive documentation can be obtained from TRIGOM.

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BIBLIOGRAPHY

1 AHERN, WILLIAM R., JR.
OIL AND THE OUTER COASTAL SHELF: THE GEORGES-BANK CASE.
CAMBRIDGE, MASS., BALLINGER PUBL. CO., 1973.

2 AIR WEATHER SERVICE, DATA PROCESSING DIVISION.
REVISED UNIFORM SUMMARY OF SURFACE WEATHER-OBSERVATIONS.
ASHEVILLE, NORTH CAROLINA, N.D.

3 ALEXANDER, A.E.
A PETROGRAPHIC AND PETROLOGIC STUDY OF SOME CONTINENTAL-SHELF SEDIMENTS.
J. SEDIMENT. PETROLOGY, V. 4, 1934: 17-22

4 ALEXANDER, W.B.
BIRDS OF THE OCEAN.
NEW YORK, G.P. PUTNAM'S SONS, 1954, 360 P.
CHAPTER 7.5.

5 ALLEN, E.S.
CHILDREN OF THE LIGHT. THE RISE AND FALL OF NEW-BEDFORD WHALING AND THE DEATH OF THE ARCTIC-FLEET.
LITTLE, BROWN AND CO., BOSTON, 302 PP. 1973.
CHAPTER 7.4.

6 ALLEN, E.S.
TRUE'S BEAKED WHALE IN NOVA-SCOTIA.
J. MAMMALOGY, 20, 1939: 259-260.
CHAPTER 7.4.

7 ALLEN, G. M.
THE WHALEBONE WHALES OF NEW-ENGLAND.
MEM. BOSTON SOC. NATL. HIST., 8, 1916: 107-322.
CHAPTER 7.4.

8 ALLEN, G. M.
SOWERBY'S WHALE ON THE AMERICAN-COAST.
AMER. NATUR. 30, 1906: 357-370.
CHAPTER 7.4.

9 ALLEN, J.A.
THE FAUNA OF EASTERN MASSACHUSETTS: FORMS BROUGHT IN AND EXPELLED BY CIVILIZATION.
IN: WINSOR, J. (ED.). THE MEMORIAL HISTORY OF BOSTON, INCLUDING SUFFOLK COUNTY, MASSACHUSETTS, 1630-1880 (4 V.). V. 1. THE EARLY AND COLONIAL PERIODS.
BOSTON, J.R. OSGOOD AND CO., 1880.
CHAPTER 7.4.

10 ALLEN, J.A.
THE NORTH-ATLANTIC RIGHT WHALE AND ITS NEAR ALLIES.
BULL. AMER. MUS. NATUR. HIST. 24, 1908: 277-329.
CHAPTER 7.4.

11 ALLEN, J.A.
SANDERS, HOWARD L.
ADAPTATIONS TO ABYSSAL-LIFE AS SHOWN BY THE BIVALVE, AMRA-PROFUNDORUM (SMITH).
DEEP-SEA RES. 12, 1966: 1175-1184.
CHAPTER 7.3.

12 ALLEN, K.R.
CURRENT STATUS AND EFFECT OF A MORATORIUM ON THE MAJOR WHALE-STOCKS.
INT. WHALING COMM., 23RD REP. ANNEX G, 1973, 5 P.
CHAPTER 7.4.

13 ALLEN, K.R.
A NOTE ON THE BALEEN WHALE-STOCKS OF THE NORTHWEST-ATLANTIC.
INT. WHALING COMM. 20TH REP. ANNEX I, P 112-113. 1970.
CHAPTER 7.4.

14 ALLEN, K.R.
A PRELIMINARY ASSESSMENT OF FIN WHALE-STOCKS OFF THE CANADIAN-ATLANTIC-COAST.
INT. WHALING COMM. 21ST. REP. ANNEX H, P 64-66, 1971.
CHAPTER 7.4.

15 ALLEN, R.C.
GAVISH, E.
FRIEDMAN, G.M.
SANDERS, J.E.
ARAGONITE CEMENTED SANDSTONE FROM OUTER CONTINENTAL-SHELF OFF DELAWARE-BAY.
SUBMARINE-LITHIFICATION MECHANISM YIELDS PRODUCT RESEMBLING BEACHROCK.
J. SEDIMENT. PETROLOGY, V. 39, 1969: 139-149.

16 AMERICAN GEOLOGICAL INSTITUTE.
THE NEW CONCEPTS OF CONTINENTAL-MARGIN SEDIMENTATION.
SHORT COURSE LECTURE NOTES, WASHINGTON, D.C., 1969.

17 AMERICAN METEOROLOGICAL SOCIETY.
BIBLIOGRAPHY ON MARINE SEISMICS.
BOSTON, MASS., 1967.

18 AMERICAN METEOROLOGICAL SOCIETY.
COLLECTED BIBLIOGRAPHIES ON PHYSICAL-OCEANOGRAPHY
(1953-1964).
BOSTON, MASS., 1966.

19 AMERICAN METEOROLOGICAL SOCIETY.
BIBLIOGRAPHY ON MARINE-ATLASES.
BOSTON, MASS., 1968.

20 AMERICAN ORNITHOLOGISTS' UNION.
CHECKLIST OF NORTH AMERICAN BIRDS.
5TH EDITION, AMER. ORNITHOL. UNION, BALTIMORE.
691 P. 1957.
CHAPTER 7.5.

21 AMERICAN ORNITHOLOGISTS' UNION.
32ND SUPPLEMENT TO A.O.U. CHECKLIST OF NORTH
AMERICAN BIRDS.
COMMITTEE ON CLARIFICATION & NOMENCLATURE. AUK,
90, 1973: 411-419.
CHAPTER 7.5.

22 AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY, INC.
ABSTRACTS OF PAPERS SUBMITTED FOR THE THIRTY-EIGHTH
ANNUAL MEETING AMERICAN SOCIETY OF
LIMNOLOGY-AND-OCEANOGRAPHY, INC., DALHOUSIE
UNIVERSITY, HALIFAX, NOVA-SCOTIA, CANADA,
JUNE 22-26, 1975.
1975.

23 AMERICAN TELEPHONE AND TELEGRAPH COMPANY.
SUBMARINE-CABLE-RECORD.
NEW YORK, 1961, 1963, 1965, 1975.
CHAPTER 11.

24 AMERICAN TELEPHONE AND TELEGRAPH COMPANY.
TAT SUBMARINE-CABLES: NORTH-ATLANTIC-OCEAN
NORTHERN SHEET.
U.S. NAVY HYDROGR. OFFICE, H.O. 5247, REV. 1963.
CHAPTER 11.

25 AMOS, ANTHONY F.
GORDON, ARNOLD L.
SCHNEIDER, E.D.
WATER-MASSES AND CIRCULATION-PATTERNS IN THE
REGION OF THE BLAKE-BAHAMA-OUTER-RIDGE.
DEEP-SEA RES., V. 18, NO. 2, PP. 145-166.
CHAPTER 4.

26 AMOS, ANTHONY F.
THE NEW-YORK-BIGHT AND HUDSON-CANYON IN OCTOBER
1974: HYDROGRAPHY, NEPHELIMETRY, BOTTOM PHOTOGRAPHY,
CURRENTS.
TECH. REP. ERDA CONTRACT AT (11-1) 2185, LAMONT-
DOHERTY GEOL. OBSERV., PALISADES, N.Y., (IN PRESS)
1975.
CHAPTER 5, 4.

27 ANDERSON, N.R.
RICHARDS, F.A.
PROSPECTS IN CHEMICAL-OCEANOGRAPHY.
LIMNOL. OCEANOGR. V. 8, 1973: 815-817.
CHAPTER 6.

28 ANONYMOUS.
UNITED-STATES RESEARCH REPORT, 1972.
INT. COMM. NW ATL. FISH., REDBOOK,
PART II RES. REP., SEP. 1973: 97.

29 ANONYMOUS.
OCEANOGRAPHIC-ATLAS OF THE NORTH-ATLANTIC OCEAN,
SECTION I, TIDES AND CURRENTS.
U.S. NAVY OCEANOGR. OFFICE PUBL. NO. 700, 1969.
75 P.

30 ANONYMOUS.
BCF'S NEW LOBSTER-TRAP MAY OPEN OFFSHORE FISHERY.
COMMER. FISH. REV., V. 30, NO. 6, 1968: 22-26.

31 ANONYMOUS.
NORTH ATLANTIC FISHERIES EXPLORATION AND
GEAR-RESEARCH: DEEP-WATER LOBSTER-ABUNDANCE
RESURVEYED AND HERRING EGGS-AND-LARVAE COLLECTED
OFF NEW-ENGLAND.
COMMER. FISH. REV., V. 21, NO. 2, 1959.

32 ANONYMOUS.
WESTERN PART OF GULF-STREAM LURES WHALES.
OCEAN IND., V. 3, NO. 7, 1968: 88-89.
CHAPTER 7.4.

33 ANONYMOUS.
THE CALL OF THE HUMPBACK WHALE.
MARITIMES UNIV. RHODE ISLAND GRAD. SCH. OF OCEANOGR.
V. 15. NO. 3. 1971: 10-12.
CHAPTER 7.4.

34 ANONYMOUS.
WHITE WHALE SIGHTING IN CAPE-COD-CANAL.
YANKEE MAGAZINE. AUGUST 1972. P 138.
CHAPTER 7.4.

35 ANONYMOUS.
NETWORK FLASHES NEWS OF BEACHED WHALES ON
ATLANTIC-COAST.
SMITHSON RES. REP. SUMMER 1973. P 4-5.
CHAPTER 7.4.

36 ANONYMOUS.
SHELLFISH-RESOURCE ASSESSMENT.
CRUISE REPT. DELAWARE II CRUISE 70-8. DECEMBER 18.
1970 - FEBRUARY 26. 1971. NAT. MAR. FISH. WOODS
HOLE. 1971. 10 P.
CHAPTER 7.3.

37 ANONYMOUS.
SHIPS AND STRUCTURES: COLD-WATER EDDIES MAY SPEED
EAST-COAST SHIPPING.
SEA TECHNOL.. V. 14. NO. 8. P. 29. 1973.
CHAPTER 11.

38 ANONYMOUS.
RESULTS OF 1975-1976 SURVEY.
OCEAN INDUSTRY. V. 10. NO. 6. P. 42. JUNE 1975.
CHAPTER 11.

39 ANTHONY. V.C.
AU. D. W. K.
HEYERDAHL. E. G.
STATUS OF FISHERIES AND RESEARCH CARRIED OUT IN
SUBAREA-5 AND STATISTICAL-AREA-6 IN 1973.
INT. COMM. NORTHW. ATL. FISH. ANNU. MEETING. JUNE
1974. ICNAF SUMM. DOC. 74/44.

40 APOLLONIO. S.
APPLIN. M.M.. JR.
AN ATLAS OF THE DISTRIBUTIONS OF INORGANIC
NUTRIENTS IN COASTAL WATERS OF THE WESTERN
GULF-OF-MAINE.
DEPT. OF SEA AND SHORE FISHERIES. FISHERIES
RESEARCH STATION. WEST BOOTHBAY HARBOR. MAINE.
1972. 130 P.
CHAPTER 6.

41 ARMSTRONG. F.A.J.
INORGANIC SUSPENDED-MATTER IN SEA-WATER.
JOUR. MAR. RES.. 17. 1958: 23-24.
CHAPTER 6.

42 ARNOLD. J.M.
MATING-BEHAVIOR AND SOCIAL-STRUCTURE IN LOLIGO-PEALEI.
BIOL. BULL.. 123. 1962: 53-57.
CHAPTER 7.4.

43 ARNOLD. P.W.
PREDATION ON HARBOR PORPOISE BY A WHITE SHARK.
J. FISH. RES. BD. CAN.. V. 29. 1972: 1213-1214.
CHAPTER 7.4.

44 ARNOLD. P.W.
CASKIN. D.E.
SIGHT-RECORDS OF RIGHT WHALES. EUBALAENA-GLACIALIS.
AND FINBACK WHALES. BALAENOPTERA-PHYSALUS. FROM
THE LOWER BAY-OF-FUNDY.
J. FISH. RES. BD. CAN.. V. 29. 1972: 1477-1478.
CHAPTER 7.4.

45 ASHLEY. C.W.
YANKEE WHALER.
AUGUSTUS M. KELLEY. PUBL. CLIFTON. N.J. 1944.
CHAPTER 7.4.

46 BABCOCK. M.L.
THE TURTLES OF NEW-ENGLAND.
MEM.. BOSTON SOC. NATUR. HIST.. V. 8. NO. 3. 1919: 323-4329
CHAPTER 7.4.

47 BACKUS. J.
BIBLIOGRAPHY OF REPORTS. 1950-1960.
WOODS HOLE OCEANOGR. INST. REF. NO. 60-53. 1961.
82 P.

48 BACKUS. J.
BIBLIOGRAPHY OF REPORTS. 1961.
WOODS HOLE OCEANOGR. INST. REF. NO. 61-41. 1962.
4 P.

49 BACKUS. RICHARD H.
HERSEY. J.B.
THE GEOGRAPHIC VARIATION OF MIDWATER
SOUND-SCATTERING (U.)
WOODS HOLE OCEANOGR. INST. REF. NO. 66-10. TECH.
REP.. MARCH 1966.

50 BACKUS, RICHARD H.
CRADDOCK, J.E.
HAEDRICH, RICHARD L.
SHORES, D.L.
TEAL, J.M.
WING, A.S.
MEAD, G.W.
CLARKE, W.D.
CERATOSCOPELUS-MADERENSIS: PECULIAR
SOUND - SCATTERING-LAYER IDENTIFIED WITH THIS
MYCTOPHID FISH.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-58.
SCIENCE, V. 160, NO. 3831, MAY 1968: 991-993.
CHAPTER 7.4.

51 BACKUS, RICHARD H.
MEAD, G.W.
HAEDRICH, RICHARD L.
FOELING, ALFRED W.
THE MESOPELAGIC FISHES COLLECTED DURING CRUISE 17
OF THE R/V-CHAIN, WITH A METHOD FOR ANALYZING
FAUNAL-TRANSECTS.
BULL. MUS. COMP. ZOOL., HARVARD UNIV., V. 134, NO.
5, 1965: 139-158.

52 BACKUS, RICHARD H.
CRADDOCK, J.E.
HAEDRICH, RICHARD L.
SHORES, D.L.
MESOPELAGIC FISHES AND THERMAL-FRONTS IN THE
WESTERN SARGASSO-SEA.
MAR. BIOL., V. 3, NO. 2, 1969: 87-106.
CHAPTER 7.4.

53 BACKUS, RICHARD H.
CRADDOCK, J.E.
HAEDRICH, RICHARD L.
SHORES, D.L.
THE DISTRIBUTION OF MESOPELAGIC FISHES IN THE
EQUATORIAL AND WESTERN-NORTH-ATLANTIC OCEAN.
J. MAR. RES., V. 28, NO. 2, 1970: 179-201.
CHAPTER 7.4.

54 BACKUS, RICHARD H.
BARNES, HAROLD.
TELEVISION-ECHO VARIATIONS IN PHYTOPLANKTON
CHLOROPHYLL AND THEIR SIGNIFICANCE.
DEEP-SEA RES., V. 4, 1957: 116-119.

55 BACKUS, RICHARD H.
SCHEVILL, WILLIAM E.
THE STRANDING OF A CUVIER'S BEAKED WHALE,
ZIPHIUS-CAVIROSTRIS, IN RHODE-ISLAND, USA.
NORSK HVALFANGSTTIDENDE 5, 1961: 189-193.
CHAPTER 7.4.

56 BACKUS, RICHARD H.
SCHEVILL, W.E.
PHYSETER-CLICKS.
IN: K.S. NORRIS (ED.) WHALES, DOLPHINS AND PORPOISES.
UNIV. CALIF. PRESS, BERKELEY AND LOS ANGELES.
PP 510-514, 1966.
CHAPTER 7.4.

57 BAILEY, J.W.
MAMMALS OF VIRGINIA.
RICHMOND, VA., WILLIAMS PRINT. CO., 1946. 416 P.

58 BAIRD, R.C.
THE SYSTEMATICS, DISTRIBUTION, AND ZOOGEOGRAPHY
OF THE MARINE HATCHETFISHES (FAMILY STERNOPTYCHIDAE).
BULL. MUS. COMP. ZOOL., V. 142, NO. 1, 1971: 1-128.
CHAPTER 7.4.

59 BALDRIDGE, A.
KILLER WHALES ATTACK AND EAT A GREY WHALE.
J. MAMMALOGY, V. 53, NO. 4, 1972: 898-900.
CHAPTER 7.4.

60 BALLARD, J.A.
STRUCTURE OF THE LOWER CONTINENTAL-RISE HILLS
OF THE WESTERN-NORTH-ATLANTIC.
GEOPHSICS, V. 31, 1966: 506-523.

61 BALLARD, ROBERT D.
EMERY, K.O.
RESEARCH SUBMERSIBLES IN OCEANOGRAPHY.
WASHINGTON, D.C., MAR. TECHNOL. SOC., 1970. 70 P.

62 BALLARD, ROBERT D.
THE NATURE OF TRIASSIC CONTINENTAL RIFT-STRUCTURES
IN THE GULF-OF-MAINE.
WOODS HOLE OCEANOGR. INST. REF. NO. 74-71, 96 PP.
1974.
CHAPTER 5.

63 BARBER, RICHARD T.
DISSOLVED ORGANIC-CARBON FROM DEEP-WATERS RESISTS MICROBIAL-OXIDATION.
NATURE, V. 220, NO. 5164, 1968: 274-275.

64 BARBER, RICHARD T.
DUGDALE, RICHARD C.
MACISSAC, JANE J.
SMITH, ROBERT L.
VARIATIONS IN PHYTOPLANKTON-GROWTH ASSOCIATED WITH THE SOURCE AND CONDITIONS OF UPWELLING-WATER.
INVESTIGACION PESQUERIA, V. 33, NO. 1, 1971: 171-193.

65 BARBOUR, JOHN.
UP FROM THE SEA.
INT. WILDLIFE, V. 6, NO. 1, 1976: 4-13; JAN-FEB, 1976.
CHAPTER 7.4.

66 BARHAM, E.G.
AN UNUSUAL PELAGIC FLATFISH OBSERVED AND PHOTOGRAPHED FROM A DIVING-SAUCER.
COPEIA, NO. 4, 1966: 865-867.

67 BARHAM, E.G.
DEEP SCATTERING-LAYER MIGRATION AND COMPOSITION: OBSERVATIONS FROM A DIVING-SAUCER.
SCIENCE, V. 151, 1966: 1399-1403.

68 BARINOV, A.A.
BRYANTSEV, V.A.
A VOLUMETRIC STATISTICAL T-S-ANALYSIS OF THE NOVA-SCOTIA-SHELF AND GEORGES-BANK WATER-MASSES.
INT. COMM. NORTHW. ATL. FISH. BULL. NO. 9, 1972: 21-25.
CHAPTER 4.

69 BARNES, HAROLD.
ASPECTS OF TEMPERATURE IN THE MARINE-ENVIRONMENT.
SYM. EFFECTS TEMP. ON ORGANISMS. OBERGURGL, 1972: 1-17.
CHAPTER 7.3.

70 BARRETT, J.R.
SALINITY CHANGES IN THE WESTERN-NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-77.
DEEP-SEA RES., SUPPL. TO V. 16, AUGUST 1969: 7-16.
CHAPTER 4.

71 BARRETT, J.R.
SUBSURFACE CURRENTS OFF CAPE-HATTERAS.
DEEP-SEA RES., V. 12, NO. 2, 1965: 173-184.
CHAPTER 4.

72 BARTLETT, G.A.
MID-TERTIARY STRATIGRAPHY OF THE CONTINENTAL-SLOPE OFF NOVA-SCOTIA.
MAR. SEDIMENTS, V. 4, 1968: 22-31.

73 BASS, G.F.
ARCHAEOLOGICAL USES OF A RESEARCH SUBMARINE: WORKSHOP ON RESEARCH USE OF MANNED-VEHICLES.
WOODS HOLE OCEANOGR. INST., 1966. 1 P. (UNPUBL.)

74 BE, A.W.H.
VILKS, GUSTAVS.
LOTT, LEROY.
WINTER DISTRIBUTION OF PLANKTONIC FORAMINIFERA BETWEEN THE GRAND-BANKS AND THE CARIBBEAN.
MICROPAEONTOLOGY, V. 17, 1971: 31-42.

75 BEAMISH, P.
MITCHELL, E.
ULTRASONIC-SOUNDS RECORDED IN THE PRESENCE OF A BLUE WHALE, BALAENOPTERA-MUSCULUS.
DEEP SEA RES. 18, 1971: 803-809.
CHAPTER 7.4.

76 BEARDSLEY, ROBERT C.
CIRCULATION ON THE NEW-ENGLAND SHELF: RESPONSE TO WINTER STORMS.
GEOPHYS. RES. LETTERS, V. 1, NO. 4, 1974: 181-184.
CHAPTER 4.

77 BEARDSLEY, ROBERT C.
FLAGG, C.N.
WINTER-TIME CIRCULATION ON THE NEW-ENGLAND CONTINENTAL-SHELF.
SEVENTH LIEGE COLLOQUIUM ON OCEAN DYNAMICS. (ABSTRACT ONLY), 1975.
CHAPTER 4.

78 BEARDSLEY, ROBERT C.
BOICOURT, W.C.
HANSEN, D.V.
PHYSICAL-OCEANOGRAPHY OF THE MIDDLE-ATLANTIC-BIGHT.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC CONTINENTAL SHELF AND NEW YORK BIGHT, ABSTRACT ONLY.
NOV. 3-5, 1975.
CHAPTER 4.

79 BECKETT, J.S.
SWORDFISH, SHARK, AND TUNA TAGGING, 1961-1969.
TECH. REP. FISH. RES. BD. CAN., 193, 1970. 13 P.
CHAPTER 7.4.

80 BECKETT, J.S.
BIOLOGY OF THE SWORDFISH, XIPHIAS-GLADIUS L., IN THE NORTHWEST-ATLANTIC OCEAN.
PROC. INT. BILLFISH SYMP., KAILUA-KONA, HAWAII, 1972. PART 2. NOAA TECH. REP. NMFS SSRF675, 1974.
CHAPTER 7.4.

81 BEEBE, WILLIAM.
DEEP-SEA FISH OF THE HUDSON-GORGE.
ZOOLOGICA, V. XII, NO. 1, 1929: 1-19.
CHAPTER 7.3.

82 BEEBE, WILLIAM.
PRELIMINARY LIST OF BERMUDA DEEP-SEA FISH.
ZOOLOGICA, V. 22, NO. 3, 1937: 197-208.
CHAPTER 7.4.

83 BELDING, H.F.
HOLLAND, W.C.
BATHYMETRIC-MAPS, EASTERN CONTINENTAL-MARGIN, UNITED-STATES OF AMERICA.
AMER. ASS. PETROL. GEOL., SCALE 1:1,000,000.
3 SHEETS, 1970.

84 BENGTSON, D.A.
VERTICAL-DISTRIBUTION AND LIFE-HISTORY OF THE FISH FAMILY NEMICHTHYIDAE IN THE BERMUDA-OCEAN-ACRE.
M.S. THESIS, UNIV. OF R.I., 1973.
CHAPTER 7.4.

85 BENNETT, F.D.
NARRATIVE OF A WHALING-VOYAGE AROUND THE GLOBE, FROM THE YEAR 1833 TO 1836.
2 V, LONDON, 1840.
CHAPTER 7.4.

86 BENT, A.C.
LIFE-HISTORIES OF NORTH AMERICAN GULLS AND TERNS.
DOVER PUBLICATIONS, NEW YORK, 335 PP. 1921.
CHAPTER 7.5.

87 BENT, A.C.
LIFE-HISTORIES OF NORTH AMERICAN PETRELS AND PELICANS AND THEIR ALLIES.
DOVER PUBLICATIONS, NEW YORK, 335 P. 1922.
CHAPTER 7.5.

88 BENT, A.C.
LIFE-HISTORIES OF NORTH AMERICAN SHORE BIRDS.
PART I. DOVER PUBLICATIONS, NEW YORK, 420 P. 1927.
CHAPTER 7.5.

89 BENTLEY, C.R.
WORZEL, J.L.
GEOPHYSICAL INVESTIGATIONS IN THE MERGED AND SUBMERGED ATLANTIC COASTAL-PLAIN. PART X: CONTINENTAL-SLOPE AND CONTINENTAL-RISE SOUTH OF THE GRAND-BANK.
GEOL. SOC. AMER. BULL., V. 67, 1956: 1-18.

90 BERGGREN, W.A.
HOLLISTER, C.D.
BIOSTRATIGRAPHY AND HISTORY OF CIRCULATION OF NORTH-ATLANTIC.
IN: W.W. HAY (ED.), GEOLOGIC HISTORY OF THE OCEANS.
SOC. ECON. PALEONTOL. AND MINERAL. SPEC. PUBL.,
IN PRESS.

91 BERGGREN, W.A.
AMDURER, M.
LATE PALEOCENE, OLIGOCENE, AND NEOGENE PLANKTONIC FORAMINIFERAL-BIOSTRATIGRAPHY OF THE ATLANTIC-OCEAN: (LAT. 30 DEG. N TO LAT. 30 DEG. S).
WOODS HOLE OCEANOGR. INST. REF. NO. 73-34, TO BE PUBL. IN RIV. ITAL. PALEONTOL. STRATIGR.

92 BETZER, P.R.
RICHARDSON, PHILIP L.
ZIMMERMAN, H.B.
BOTTOM CURRENTS, NEPHELOID-LAYERS AND SEDIMENTARY-FEATURES UNDER THE GULF-STREAM NEAR CAPE-HATTERAS.
MAR. GEOL., 16, 1974: 21-29.

93 BETZER, P.R.
PILSON, M.E.Q.
PARTICULATE-IRON AND THE NEPHELOID-LAYER IN THE WESTERN-NORTH-ATLANTIC, CARIBBEAN AND GULF-OF-MEXICO.
DEEP-SEA RES., V 18, 1971: 753-761.

94 BETZER, P.R.
THE CONCENTRATION AND DISTRIBUTION OF PARTICULATE IRON IN WATERS OF THE NORTHWESTERN-ATLANTIC OCEAN AND CARIBBEAN-SEA.
PH.D. DISS., UNIV. OF R.I., 1971.

95 BEWERS, J.M.
SUNDBY, B.
YEATS, P.A.
TRACE-METALS IN THE WATERS OVERLYING THE SCOTIAN-SHELF-AND-SLOPE.
PAPER PRESENTED AT ICES 63RD STATUTORY MEETING, MONTREAL, SEPTEMBER, 1975.
CHAPTER 6.

96 BIARD, J.
NISRET, I.C.T.
NORTHWARD FALL MIGRATION ON THE ATLANTIC COAST AND ITS RELATION TO OFFSHORE-DRIFT.
AUK, V. 77, NO. 2, 1960: 119-149.

97 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
NOTES ON THE FAUNA ABOVE MUD-BOTTOMS IN DEEP-WATER IN THE GULF-OF-MAINE.
BIOL. BULL., V. LXXVI, NO. 3, JUNE 1939: 305-324.

98 BIGELOW, H.B.
SEARS, MARY.
STUDIES OF THE WATERS ON THE CONTINENTAL-SHELF, CAPE-COD TO CHESAPEAKE-BAY. III SALINITY.
MASS. INST. OF TECHNOL. AND WOODS HOLE OCEANOGR. INST., PAPERS IN PHYS. OCEANOGR. AND METEOROL., V. 4, NO. 1, 1935, 94P.

99 BIGELOW, H.B.
SEARS, MARY.
STUDIES OF THE WATERS OF THE CONTINENTAL-SHELF, CAPE-COD TO CHESAPEAKE-BAY. III, A VOLUMETRIC STUDY OF THE ZOOPLANKTON.
MEM. MUS. COMP. ZOOL. HARVARD, V. 54, NO. 4, 1939: 183-378.

100 BIGELOW, H.B.
STUDIES OF THE WATERS ON THE CONTINENTAL-SHELF, CAPE-COD TO CHESAPEAKE-BAY. I, THE CYCLE OF OF TEMPERATURE.
MASS. INST. OF TECHNOL., PAP. PHYS. OCEANOGR. AND METEOROL., V. 2, NO. 4, 1933. 135 P.

101 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
FISHES OF THE WESTERN-NORTH-ATLANTIC, PART I, SAWFISHES, GUITARFISHES, SKATES, AND RAYS.
MEM. SEARS FOUND. MAR. RES., NO. 1, 1953: 1-514.

102 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
DEEP-WATER ELASMOBRANCHS AND CHIMAERCIDS FROM THE NORTHWESTERN-ATLANTIC SLOPE.
BULL. MUS. COMP. ZOOL., HARVARD UNIV., V. 112, NO. 2, 1954: 37-87.
CHAPTER 7.3.

103 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
OCCURRENCE OFF THE MIDDLE AND NORTH-ATLANTIC UNITED-STATES OF THE OFFSHORE HAKE, MERLUCCIUS-ALBIDUS MITCHELL 1818 AND OF THE BLUE WHITING GADUS-MICROMESESTIUS-POUTSSOU RISSO 1826.
BULL. MUS. COMP. ZOOL., HARVARD UNIV., V. 113, NO. 2, 1955: 265-226.
CHAPTER 7.3.

104 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
A FURTHER ACCOUNT OF BATOID FISHES FROM THE WESTERN-ATLANTIC.
BULL. MUS. COMP. ZOOL., HARVARD UNIV., V. 132, NO. 5, 1965: 443-477.

105 BIGELOW, H.B.
PLANKTON OF THE OFFSHORE-WATERS OF THE GULF-OF-MAINE.
U.S. BUR. FISH. BULL., V. 40, PT. 2, 1926: 1-509.
CHAPTER 7.1, 7.2.

106 BIGELOW, H.B.
FARFANTE, I.P.
FISHES OF THE WESTERN-NORTH-ATLANTIC, LANCELETS.
MEM. SEARS FOUND. MAR. RES., V. 1, 1948: 1-28.

107 BIGELOW, H.B.
SOME MEDUSAE AND SIPHONOPHORAE FROM THE WESTERN-ATLANTIC.
BULL. MUS. COMP. ZOOL., V. 62, 1918: 363-442.

108 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
ADDITIONAL NOTES ON BATOID FISHES FROM THE WESTERN-ATLANTIC.
BREVIORA, MUS. COMP. ZOOL., NO. 281, 1968: 1-23.

109 BIGELOW, H.B.
SCHROEDER, WILLIAM C.
FISHES OF THE GULF-OF-MAINE.
CHAPTER 7.4, 7.3.

110 BIGELOW, H.B.
OCEANOGRAPHY AND PLANKTON OF MASSACHUSETTS-BAY AND ADJACENT WATERS, NOV. 1912, MAY 1913.
BULL. MUS. OF COMP. ZOOL. HARVARD COLLEGE, CAMBRIDGE, V. 58, NO. 10, 1914: 385-419.
CHAPTER 7.1, 7.2.

111 BIGELOW, H.B.
EXPLORATION OF THE COAST WATER BETWEEN NOVA-SCOTIA AND CHESAPEAKE-BAY, JULY AND AUGUST 1913 BY THE US-FISHERIES-SCHOONER-GRAMPUS: OCEANOGRAPHY AND PLANKTON.
BULL. MUS. OF COMP. ZOOL. HARVARD COLLEGE, CAMBRIDGE, V. 59, 1915: 149-360.
CHAPTER 7.1, 7.2.

112 BIGELOW, H.B.
EXPLORATION OF THE COAST WATER BETWEEN CAPE-COD AND HALIFAX IN 1914 AND 1915 BY THE US-FISHERIES-SCHOONER-GRAMPUS: OCEANOGRAPHY AND PLANKTON.
BULL. MUS. COMP. ZOOL. HARVARD COLLEGE, CAMBRIDGE, V. 61, 1917: 161-358.
CHAPTER 7.1, 7.2.

113 BIGELOW, H.B.
EXPLORATION OF THE COASTAL WATER OFF THE NORTHEASTERN-UNITED-STATES IN 1916 BY THE US-FISHERIES-SCHOONER-GRAMPUS.
BULL. MUS. OF COMP. ZOOL. HARVARD COLLEGE, CAMBRIDGE, V. 65, NO. 5, 1922: 87-158.
CHAPTER 7.1, 7.2.

114 BIGELOW, H.B.
LILLICK, LOIS C.
SEARS, MARY.
PHYTOPLANKTON AND PLANKTON PROTOZOA OF THE OFFSHORE-WATERS OF THE GULF-OF-MAINE.
PART I. NUMERICAL DISTRIBUTION. TRANS. AMER. PHILOS. SOC. V. 31, 1940: 149-191.
CHAPTER 7.1, 7.2.

115 BIGELOW, H.B.
EXPLORATIONS IN THE GULF-OF-MAINE, JULY AND AUGUST, 1912, BY THE US-FISHERY-SCHOONER-GRAMPUS: OCEANOGRAPHY AND NOTES ON THE PLANKTON.
BULL. MUS. OF COMP. ZOOL. HARVARD COLLEGE, V. 58, NO. 2, 1914: 29-147.
CHAPTER 7.1, 7.2.

116 BIRCH, F.S.
HEAT-FLOW NEAR THE NEW-ENGLAND SEAMOUNTS.
J. GEOPHYS. RES., V. 70, NO. 20, 1969: 5223-5226.

117 BIRD, J.M.
DEWEY, J.F.
LITHOSPHERE-PLATE: CONTINENTAL-MARGIN TECTONICS AND THE EVOLUTION OF THE APPALACIAN-OROGEN.
GEOL. SOC. AMER. BULL., 81, 1970: 1031-1060.

118 BISCAYE, P.E.
MINERALOGY AND SEDIMENTATION OF THE DEEP-SEA SEDIMENT-FINE-FRACTION IN THE ATLANTIC OCEAN AND ADJACENT SEAS AND OCEANS.
PH.D. THESIS, YALE UNIV., 1964.
CHAPTER 5.

119 BISCAYE, P.E.
MINERALOGY AND SEDIMENTATION OF RECENT DEEP-SEA CLAY IN THE ATLANTIC-OCEAN AND ADJACENT SEAS AND OCEAN.
GEOL. SOC. AMER. BULL., 76, 1965: 803-831.

120 BISCAYE, P.E.
OLSEN, C.R.
SUSPENDED-PARTICULATES IN THE NEW-YORK-BIGHT: CONCENTRATIONS AND COMPOSITIONS IN RELATION TO WATER-MASSES AND BOTTOM SEDIMENTS.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC CONTINENTAL SHELF AND NEW YORK BIGHT, NYC, ABSTRACT ONLY, NOV. 3-5, 1975.
CHAPTER 4.

121 BLACKWELDER, P.
ELECTRON-MICROSCOPY OF QUARTZ-GRAIN SURFACE-TEXTURES FROM THE UNITED-STATES CONTINENTAL-MARGIN SEDIMENTS.
DURHAM, N.C., UNPUBL. M.S. THESIS, DUKE UNIV., 1970, 91 P.

122 BLACKWELDER, P.
PILKEY, O.H.
ELECTRON-MICROSCOPY OF QUARTZ-GRAIN SURFACE-TEXTURES: THE UNITED-STATES EASTERN ATLANTIC CONTINENTAL-MARGIN.
J. SEDIMENT. PETROLOGY, 42: 1972: 520-526.

123 BLAIR, J. A.
FITE, P. C.
WEATHER ELEMENTS.
NEW JERSEY, PRENTICE-HALL, INC., 1957.

124 BLANTON, J.O.
EXCHANGE OF GULF-STREAM WATERS WITH NORTH-CAROLINA SHELF-WATER IN ONSLOW-BAY DURING STRATIFIED-CONDITIONS.
DEEP-SEA RES. AND OCEANOGR. ABSTR., V. 18, NO. 2, 1971: 167-178.

125 BLEAKNEY, J. SHERMAN.
REPORTS OF MARINE TURTLES FROM NEW-ENGLAND AND EASTERN CANADA.
CAN. FIELD-NATUR., V. 79, NO. 2, 1965: 120-128.
CHAPTER 7.4.

126 BOESCH, DONALD F.
SPECIES-DIVERSITY OF MARINE MACROBENTHOS IN THE VIRGINIA-AREA.
CHESAPEAKE SCI., V. 13, NO. 3, 1972: 206-211.

127 BOICOURT, W.C.
HACKER, P.W.
CIRCULATION ON THE ATLANTIC CONTINENTAL-SHELF OF THE UNITED-STATES, CAPE-MAY TO CAPE-HATTERAS.
SEVENTH LIEGE COLLOQUIUM ON OCEAN DYNAMICS. (ABSTRACT ONLY), 1975.
CHAPTER 4.

128 BOND, G.W.
VERTICAL-DISTRIBUTION AND LIFE-HISTORIES OF THE GONOSTOMATID FISHES (PISCES: GONOSTOMATIDAE) OFF BERMUDA.
REP. TO U.S. NAVY UNDERWATER SYSTEMS CENTER, SMITHSON. INST., 1974.
CHAPTER 7.4.

129 BOOLOOTIAN, R.A.
PHYSIOLOGY OF ECHINODERMATA.
INTERSCIENCE PUBLISHERS, N.Y., 1966. 822 PP.
CHAPTER 7.3.

130 BOWDITCH, N.
AMERICAN-PRACTICAL-NAVIGATOR 1962 EDITION.
U.S. NAVY HYDROGR. OFFICE, PUBL. NO. 9, WASHINGTON, D.C. 1962.
CHAPTER 4, 11.

131 BOWEN, VAUGHN T.
SUGIHARA, T.T.
STRONTIUM-90 IN NORTH ATLANTIC SURFACE-WATER.
PROC. NAT. ACAD. SCI., V. 43, NO. 7, 1957: 576-580.

132 BOWEN, VAUGHN T.
KEY TO PROGRESS ON NATIONAL PROBLEMS IN ANALYTICAL CHEMISTRY.
MEINKE, W.W. AND J.K. TAYLOR, EDS., NBS SPECIAL PUBLICATION 351, P. 422, 1972.
CHAPTER 6.

133 BOWMAN, F.W.
SMITH, K.A.,
A SUMMARY OF DESCRIPTION OF U.S. FISHERIES IN SUBAREA-5 AND STATISTICAL-AREA-6 FOR THE PERIOD 1969-72.
INT. COMM. NORTHW. ATL. FISH. RES. DOC. NO. 74/32 SER. NO. 3197, 1974.

134 BOWMAN, M.J.
WEYL, P.K.
HYDROGRAPHIC-STUDY OF THE SHELF AND SLOPE-WATERS OF NEW-YORK-BIGHT.
MAR. SCI. RES. CENTER, STATE UNIV. NEW YORK AT STONY BROOK, TECH. REP. SER. NO. 16, 1972. 46 P.

135 BOWMAN, T.E.
THE DISTRIBUTION OF CALANOID COPEPODS OF THE EASTERN UNITED-STATES BETWEEN CAPE-HATTERAS AND SOUTHERN FLORIDA.
SMITHSON. CONTRIB. ZOOL., NO. 96, 1971. 58 P.
CHAPTER 7.2.

136 BRAARUD, T.
A NOTE OF THE PHYTOPLANKTON OF THE GULF-OF-MAINE IN THE SUMMER OF 1933.
BIOL. BULL. V. 67, 1934: 76-82.
CHAPTER 7.1.

137 BRASSLER, R.S.
GEOLOGY AND PALEONTOLOGY OF THE GEORGES-BANK CANYONS, III: CRETACEOUS BRYOZOAN FROM GEORGES-BANK.
BULL. GEOL. SOC. AMER., V. 47, NO. 3, 1936: 411-412.

138 BRIMLEY, C.S.
THE MAMMALS OF NORTH-CAROLINA.
INSTALLMENT NO. 1, CAROLINA TIPS, CAROLINA SUPPLY CO., 9, 1946: 6-7.
CHAPTER 7.4.

139 BRIMLEY, H.H.
A SECOND SPECIMEN OF TRUE'S BEAKED WHALE, MESOPLODON-MIRUS-TRUE, FROM NORTH-CAROLINA.
J. MAMMALOGY, V. 24, NO. 2, 1943: 199-203.
CHAPTER 7.4.

140 BRODIE, P.F.
A RECONSIDERATION OF ASPECTS OF GROWTH, REPRODUCTION, AND BEHAVIOR OF THE WHITE WHALE, DELPHINAPTERUS-LEUCAS, WITH REFERENCE TO THE CUMBERLAND-SOUND, BAFFIN-ISLAND, POPULATION.
J. FISH. RES. BD. V. 28, 1971: 1309-1318.
CHAPTER 7.4.

141 BROECKER, W.S.
EWING, MAURICE.
HEEZEN, B.C.
EVIDENCE OF AN ABRUPT CHANGE IN CLIMATE CLOSE TO 11,000 YEARS AGO.
AMER. J. SCI., V. 258, JUNE 1960: 429-448.

142 BROOKS, S.C.
OCEANIC CURRENTS AND THE MIGRATION OF PELAGIC BIRDS.
[illegible], V. 36, NO. 5, 1934: 185-190.

143 BROWER, W.A.
SISK, D.D.
QUAYLE, R.G.
ENVIRONMENTAL-GUIDE FOR SEVEN UNITED-STATES PORTS AND HARBOR APPROACHES.
NAT. OCEANIC AND ATMOS. ADMIN., ENVIRON. DATA SERV., NAT. CLIM. CENTER, FOR: PRES. COUNC. ON ENVIRON. QUAL., WASHINGTON, D.C., 1972.

144 BROWN, C.F.
POCKET LIST OF THE MAMMALS OF EASTERN MASSACHUSETTS, WITH SPECIAL REFERENCE TO ESSEX-COUNTY.
PEABODY ACAD. SCI., SALEM, MASS. 53 PP. 1913.
CHAPTER 7.4.

145 BROWN, D.H.
FURTHER OBSERVATIONS ON THE PILOT WHALE IN CAPTIVITY.
ZOOLOGICA, V. 47, NO. 1, 1962: 59-64.
CHAPTER 7.4.

146 BROWN, ROBERT F.
SHENTON, E.H.
EVALUATING WASTE-DISPOSAL AT SEA - THE CRITICAL ROLE OF INFORMATION MANAGEMENT.
IN: MAR. TECHNOL. SOC. ANNU. MEET. PROC. 1971.
CHAPTER 9, 11.

147 BROWN, S.G.
OBSERVATIONS ON PILOT WHALES IN THE NORTH-ATLANTIC.
NORWEGIAN WHALING GAZ., V. 50, NO. 6, 1961: 225-254.
CHAPTER 7.4.

148 BROWN, S.G.
JONES, S.J.
BOYD, A.
SIGHTINGS OF CETACEA DURING TWO TRANSATLANTIC YACHT-RACES.
J. DU CONS., V. 34, NO. 1, 1971: 106-120.
CHAPTER 7.4.

149 BRUUN, A.F.
DEEP-SEA AND ABYSSAL-DEPTHS.
IN: GEOL. SOC. AMER., MEM., V. 67, NO. 1, 1957: 641-672.
CHAPTER 7.3.

150 BRUUN, A.F.
CONTRIBUTIONS TO THE LIFE-HISTORIES OF THE DEEP-SEA EELS, SYNOPHOBRANCHIDAE.
DANA REP. NO. 9, 1937. 31 P.
CHAPTER 7.3.

151 BRUUN, A.F.
WOLFF, T.
ABYSSAL BENTHIC-ORGANISMS: NATURE, ORIGIN, DISTRIBUTION AND INFLUENCE ON SEDIMENTATION, PP. 391-397.
IN: M. SEARS (ED.), OCEANOGRAPHY, AMER. ASS. FOR THE ADV. OF SCI. PUBL., 67, 1961.
CHAPTER 7.3.

152 BRYAN, KIRK,
SCHROEDER, ELIZABETH H.
SEASONAL HEAT-STORAGE IN THE NORTH ATLANTIC OCEAN.
J. METEOROL., V. 17, NO. 6, 1960: 670-674.

153 BUCHER, W.H.
SUBMARINE-VALLEYS AND RELATED GEOLOGIC PROBLEMS
OF THE NORTH-ATLANTIC.
BULL. GEOL. SOC. AMER., V. 51, NO. 4,
1940: 489-512.

154 BUCKLEY, P.A.
A MASSIVE SPRING MOVEMENT INCLUDING THREE SPECIES
NEW TO NORTH-CAROLINA, AT CAPE-HATTERAS NATIONAL-SEASHORE.
AMER. BIRDS 27, 1 P 1973: 8-10.
CHAPTER 7.5.

155 BUE, CONRAD D.
STREAMFLOW FROM THE UNITED-STATES INTO THE
ATLANTIC-OCEAN DURING 1931-60.
U.S. GEOL. SURV. WATER SUPPLY PAP. 1899-I.
WASHINGTON, D.C., 1970.
CHAPTER 4.

156 BULL, J.L.
BIRDS OF THE NEW-YORK AREA.
HARPER & ROW, NEW YORK, 540 P 1964.
CHAPTER 7.5.

157 BULLER, R.J.
SPEAR, H.S.
A SURVEY OF THE SPORTS-FISHERY OF THE
MIDDLE-ATLANTIC-BIGHT IN 1948.
U.S. FISH. AND WILDLIFE SERV. SPEC. SCI. REP.
FISH. NO. 7, 1950. 20 P.

158 BUMPUS, D.F.
SURFACE-DRIFT ON THE ATLANTIC CONTINENTAL-SHELF
OF THE UNITED-STATES, 1940-1947.
WOODS HOLE OCEANOGR. INST., REF. NO. 69-18, 1969.
4 P., MAPS.

159 BUMPUS, D.F.
LIGHTSHIP/LIGHT-STATION OCEANOGRAPHIC PROGRAM.
WOODS HOLE OCEANOGR. INST. REF. NO. 71-2 FOR U.S.
COAST GUARD, JAN. 1971. 5 P.

160 BUMPUS, D.F.
REVERSALS IN THE SURFACE-DRIFT IN THE
MIDDLE-ATLANTIC-BIGHT AREA.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-82,
DEEP-SEA RES., SUPPL. TO V. 16, AUGUST 1969: 17-23.

161 BUMPUS, D.F.
CLARKE, A.H., JR.
HYDROGRAPHY OF THE WESTERN ATLANTIC.
TRANSPARENCY OF THE COASTAL AND OCEANIC WATERS
OF THE WESTERN ATLANTIC.
SUBMITTED TO OCEANOGR. DIV., HYDROGR. OFFICE,
OFFICE OF NAVAL RES., WASHINGTON, D.C., BY WOODS
HOLE OCEANOGR. INST., TECH. REP. NO. 10, DEC. 1947.

162 BUMPUS, D.F.
LAUZIER, L.M.
SURFACE CIRCULATION ON THE CONTINENTAL-SHELF OFF
EASTERN NORTH-AMERICA BETWEEN NEWFOUNDLAND AND
FLORIDA.
AMER. GEOGR. SOC. SER. ATLAS OF THE MAR. ENVIRON.
FOLIO 7, 1965. 4 P. 8 PL. APPEND.

163 BUMPUS, D.F.
PIERCE, E.L.
THE HYDROGRAPHY AND DISTRIBUTION OF CHAETOGNATHS
OVER THE CONTINENTAL-SHELF OFF NORTH-CAROLINA.
PAP. MAR. BIOL. OCEANOGR. DEEP-SEA RES., SUPPL.
TO V. 3, 1955: 92-109.

164 BUMPUS, D.F.
A DESCRIPTION OF THE CIRCULATION ON THE
CONTINENTAL-SHELF OF THE EAST-COAST OF THE
UNITED-STATES.
PROGRESS IN OCEANOGR., V. 6, 1973: 111-156.
CHAPTER 4.

165 BUMPUS, D.F.
THE CIRCULATION OVER THE CONTINENTAL-SHELF SOUTH
OF CAPE-HATTERAS.
TRANS. AMER. GEOPHYS. UNION, V. 36, NO. 4,
1955: 601-611.

166 BUMPUS, D.F.
RESIDUAL-DRIFT ALONG THE BOTTOM ON THE
CONTINENTAL-SHELF IN THE MIDDLE-ATLANTIC-BIGHT AREA.
LIMNOL. OCEANOGR., SUPPL. TO V. 10, 1965: R50-R53.
CHAPTER 4.

167 BUMPUS, D.F.
INVESTIGATIONS OF CLIMATE AND OCEANOGRAPHIC FACTORS INFLUENCING THE ENVIRONMENT OF FISH.
WOODS HOLE OCEANOGR. INST. REF. NO. 58-45. (UNPUBLISHED MANUSCRIPT), 1958.
CHAPTER 4.

168 BUMPUS, D.F.
REVIEW OF THE PHYSICAL-OCEANOGRAPHY OF GEORGES-BANK. PRESENTED AT ANNUAL INT. COMM. NORTHW. ATL. FISH. MEETING, ABERDEEN, JUNE 1975.
CHAPTER 4.

169 BUMPUS, D.F.
LYNDE, P.E.
SHAW, D.M.
PHYSICAL-OCEANOGRAPHY.
IN: COASTAL AND OFFSHORE ENVIRONMENTAL INVENTORY: CAPE HATTERAS TO NANTUCKET SHOALS. MAR. PUBL. SER. NO. 2, UNIV. OF R.I. 1973: 1-1, 1-72.
CHAPTER 4.

170 BUNKER, ANDREW F.
ENERGY-EXCHANGE AT THE SURFACE OF THE WESTERN-NORTH-ATLANTIC OCEAN.
WOODS HOLE OCEANOGR. INST. WHOI-75-3, FOR OFFICE OF NAVAL RES. UNPUBL. MS. 1975.
CHAPTER 4.

171 BUNKER, ANDREW F.
HEAT AND WATER-VAPOR FLUXES IN AIR FLOWING SOUTHWARD OVER THE WESTERN-NORTH-ATLANTIC-OCEAN.
J. METEOROL., V. 17, NO. 1, 1960: 52-63.

172 BURGESS, K.
THE BEHAVIOR AND TRAINING OF A KILLER WHALE, ORCINUS-ORCA, AT SAN DIEGO SEA WORLD.
INT. ZOOL. YEARBOOK 8, 1968: 202-205.
CHAPTER 7.4.

173 BURK, C.A.
DRAKE, C.L.
THE GEOLOGY OF CONTINENTAL-MARGINS.
SPRINGER-VERLAG NEW YORK, INC., 1974.
CHAPTER 5.

174 BURK, C.A.
BURIED RIDGES WITHIN CONTINENTAL-MARGINS.
NEW YORK ACAD. SCI. TRANS., V. 30, 1968: 397-409.

175 BURKHAKIN, V.V.
KUDLO, B.P.
HYDROGRAPHIC-CONDITIONS IN THE NORTHWEST-ATLANTIC IN 1970.
INT. COMM. NW ATL. FISH., REDBOOK, PART III SELECTED PAPERS, DEC. 1971: 49-56.

176 BURNS, BRUCE R.
THEROUX, ROGER B.
STATION-DATA FOR BENTHOS SAMPLING CRUISES FROM 1956 TO 1965.
WOODS HOLE, MASS., BUR. OF COMMER. FISH., BIOL. LAB., LAB. REF. NO. 67-4, 1967.

177 BUSBY, ROSWELL F.
HUNT, LEE M.
RAINNIE, WILLIAM O.
HAZARDS OF THE DEEP.
OCEAN. IND., V. 3, NO. 8, AUG. 1968: 32-39, PART 2: V. 3, NO. 9, SEPT. 1968: 53-58, PART 3: V. 3, NO. 7, JULY 1968: 72-77, PART 1.
CHAPTER 11.

178 BUTCHER, WILLIAM S.
ANTHONY, REED P., JR.
BUTCHER, JONATHAN B.
DISTRIBUTION-CHARTS OF OCEANIC BIRDS IN THE NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-69, OCT. 1968.

179 BUZAS, M.
GIBSON, THOMAS G.
SPECIES DIVERSITY: BENTHONIC FORAMINIFERA IN THE WESTERN-NORTH-ATLANTIC.
SCIENCE, V. 163, 1969: 72-75.

180 BYERS, DOUGLAS S.
AN INTRODUCTION OF FIVE PAPERS ON THE ARCHAIC STAGE.
AMER. ANTIQUITY, V. XXIV, NO. 3, JAN. 1959: 229-256.
CHAPTER 12.

181 CACCHIONE, D.A.
EXPERIMENTAL STUDY OF INTERNAL GRAVITY-WAVES OVER A SLOPE.
MASS. INST. TECHNOL., DEP. EARTH AND PLANET. SCI. , REP. 70-6, 1970. 226 P.
CHAPTER 4, 5.

182 CALDER, DALE.
NEMATOCYSTS OF THE CORONATE SCYPHOMEDUSA, LINUCHE-UNGUICULATA, WITH A BRIEF REEXAMINATION OF SCYPHOZOAN NEMATOCYST CLASSIFICATION.
CHESAPEAKE SCI., V. 15, NO. 3, 1974: 170-173.

183 CALDWELL, D.K.
GOLLEY, F.B.
MARINE MAMMALS FROM THE COAST OF GEORGIA TO CAPE-HATTERAS.
J. ELISHA MITCHELL SCI. SOC., 81, 1965: 24-32.
CHAPTER 7.4.

184 CALDWELL, D.K.
CALDWELL, M.C.
SOUNDS PRODUCED BY TWO RARE CETACEANS STRANDED IN FLORIDA.
CETOLOGY, NO. 4, 6 PP. 1971.
CHAPTER 7.4.

185 CALDWELL, D.K.
CALDWELL, M.C.
IS IT TRUE THAT DOLPHINS ARE MORE INTELLIGENT THAN MEN AND MORE TALKATIVE THAN WOMEN?
UNDERWATER NATUR. BULL. AMER. LITTORAL SOC.
V. 8, NO. 2, 1974: 14-24.
CHAPTER 7.4.

186 CAPITAL RECORDS.
SONGS OF THE HUMPBACK WHALE.
1970.
CHAPTER 7.4.

187 CARMODY, D.J.
PEARCE, J.B.
YARSO, W.E.
TRACE-METALS IN SEDIMENTS OF NEW-YORK-BIGHT.
MAR. POLLUT., BULL., V. 4, NO. 9, 1973: 132-135.
CHAPTER 9.

188 CARR, A.
SO EXCELLENT A FISH.
ANCHOR, DOUBLEDAY, 266 P. XIV. 1967.
CHAPTER 7.4.

189 CASE, G.R.
DENSMORE, M.
REPORT OF A BEACHED BOTTLENOSED WHALE ON THE SHORES OF COBEQUID-BAY, NOVA-SCOTIA.
UNDERWATER NATUR. BULL. AMER. LITTORAL SOC.
V. 6, NO. 3, 1970: 18-20.
CHAPTER 7.4.

190 CASTLE, P.H.J.
DEEP-SEA EELS, FAMILY SYNAPHOBRANCHIDAE.
GALATHEA REP., 7, 1964: 29-42.
CHAPTER 7.3.

191 CASTLE, P.H.J.
AN INDEX AND BIBLIOGRAPHY OF EEL-LARVAE.
SPEC. PUBL. J.L.B. SMITH INST., ICHTHYOL., 7, 1969: 1-121.
CHAPTER 7.4.

192 CERAME-VIVAS, M.J.
GRAY, I.E.
THE DISTRIBUTIONAL-PATTERN OF BENTHIC-INVERTEBRATES OF THE CONTINENTAL-SHELF OFF NORTH-CAROLINA.
ECOLOGY, V. 47, NO. 2, 1966: 260-270.

193 CHACE, F.A., JR.
REPORTS ON THE SCIENTIFIC RESULTS OF THE ATLANTIS-EXPEDITION TO THE WEST-INDIES, UNDER THE JOINT AUSPICES OF THE UNIVERSITY-OF-HAVANA AND HARVARD-UNIVERSITY.
THE BRACHYURAN CRABS, TORREIA, NO. 4, 1940: 1-67.
CHAPTER 7.3.

194 CHAMBERLIN, J.L.
BOTTOM TEMPERATURES ON THE CONTINENTAL-SHELF-AND-SLOPE SOUTH OF NEW-ENGLAND DURING 1974.
PREPARED FOR NAT. MAR. FISH. SERV. REPORT ON THE STATUS OF THE ENVIRONMENT, 1975.
CHAPTER 4.

195 CHAO, YUNG-YAO.
WAVE-REFRACTION PHENOMENA OVER THE CONTINENTAL-SHELF NEAR THE CHESAPEAKE-BAY ENTRANCE.
GEOPHYS. SCI. LAB. CONTRIB. NO. 134, DEP. METEOROL. AND OCEANOGR., N.Y. UNIV., SEPT. 1972.

196 CHASE, JOSEPH.
OCEANOGRAPHIC-OBSERVATIONS ALONG THE EAST COAST OF THE UNITED-STATES, JANUARY-DECEMBER, 1970.
U.S. COAST GUARD REP. NO. 53, 1972: 145 P.

197 CHASE, JOSEPH.
OCEANOGRAPHIC-OBSERVATIONS ALONG THE EAST COAST OF THE UNITED-STATES, JANUARY-DECEMBER, 1967.
U.S. COAST GUARD OCEANOGR. REP. NO. 38, 1971. 149 P.

198 CHASE, JOSEPH.
SURFACE SALINITY ALONG THE EAST COAST OF THE UNITED-STATES.
DEEP-SEA RES., SUPPL. FUGLISTER VOLUME, TO V. 16, 1969: 25-29.

199 CHASE, JOSEPH.
WIND-INDUCED CHANGES IN THE WATER-COLUMN ALONG THE EAST-COAST OF THE UNITED-STATES.
J. GEOPHYS. RES., V. 64, NO. 8, 1959: 1013-1022.

200 CHASE, JOSEPH.
OCEANOGRAPHIC-OBSERVATIONS ALONG THE EAST COAST OF THE UNITED-STATES, JANUARY-DECEMBER, 1968.
U.S. COAST GUARD OCEANOGR. REP. NO. 45, 1971. 148 P.

202 CHENEY, R.E.
SEA-SURFACE-COOLING DUE TO HURRICANE-BECKY.
THE GULF STREAM V. 9, NO. 11, NOV. 1974.
CHAPTER 4.

203 CHENEY, R.E.
A CENSUS OF RINGS IN THE GULF-STREAM SYSTEM.
TRANS. AMER. GEOPHYS. UNION (EOS) NOV. 1975. P. 1007. (ABSTRACT ONLY).
CHAPTER 4.

204 CHENOWETH, S.B.
FISHES.
IN: A SOCIO-ECONOMIC AND ENVIRONMENTAL INVENTORY OF THE NORTH ATLANTIC REGION, TRIDOM FOR THE BUR. OF LAND MANAGE., 1974.
CHAPTER 7.2, 7.3.

205 CHIEF OF NAVAL OPERATIONS.
U.S. NAVY MARINE CLIMATIC-ATLAS OF THE WORLD, V. 1, NORTH-ATLANTIC OCEAN.
NAVAER 50-1C-528, WASHINGTON, D.C., SUPT. DOCUMENTS, U.S. GOVT. PRINT. OFFICE, 1955.
275 CHARTS.

206 CHRISTENSEN, I.
MINKE WHALE INVESTIGATIONS IN THE AREA SPITSBERGEN-BARENTS SEA IN MAY-JUNE 1972 (IN NORWEGIAN, ENGLISH-ABSTRACT).
SAERTRYKK AV FISKETS GANG, NO. 48, PP 961-965, 1972.
CHAPTER 7.4.

207 CHURCH, P.E.
TEMPERATURES OF THE WESTERN-NORTH-ATLANTIC FROM THERMOGRAPHY-RECORDS.
ASS. D'OCEANOGR. PHYS., UNION GEOD. ET GEOPHYS. INT., PUBL. SCI. NO. 4, 1937. 32 P.

208 CIFELLI, RICHARD.
SMITH, ROBERTA K.
PROBLEMS IN THE DISTRIBUTION OF RECENT PLANKTONIC FORAMINIFERA AND THEIR RELATIONSHIPS WITH WATER-MASS-BOUNDARIES IN THE NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 70-4, PROC. FIRST INT. CONF. PLANKTON, MICROFOSSILS, 1967: 68-81, FEB. 1970.

209 CIFELLI, RICHARD.
PLANKTONIC FORAMINIFERA FROM THE WESTERN-NORTH-ATLANTIC.
SMITHSON. MISC. COLLECT., V. 148, NO. 4, 1965: 1-36, PLS. 1-7.
CHAPTER 7.2.

210 CIFELLI, RICHARD.
SOME DYNAMIC ASPECTS OF THE DISTRIBUTION OF PLANKTONIC FORAMINIFERA IN THE WESTERN-NORTH-ATLANTIC.
SEARS FOUND., J. MAR. RES., V. 20, NO. 3, 1962: 201-212.
CHAPTER 7.2.

211 CLARK, A.C.
THE DEEP RANGE. (1ST ED.)
NEW YORK, HARCOURT, BRACE, 238 PP, 1957.
CHAPTER 7.4.

212 CLARK, JOHN P.
THE 1960 SALT-WATER ANGLING-SURVEY.
U.S. DEP. INTERIOR, BUR. SPORT FISH AND WILDL. CIRC. 153, 1962.
CHAPTER 10.

213 CLARKE, A.H., JR.
SOME MOLLUSKS FROM THE CONTINENTAL-SLOPE OF NORTHEASTERN-NORTH-AMERICA.
BREVIORA, 40, 1954. 11 P.
CHAPTER 7.3.

214 CLARKE, G.L.
BACKUS, RICHARD H.
MEASUREMENTS OF LIGHT-PENETRATION IN RELATION TO VERTICAL-MIGRATION AND RECORDS OF LUMINESCENCE OF DEEP-SEA ANIMALS.
DEEP-SEA RES., V. 4, NO. 1, 1956: 1-14.

215 CLARKE, G.L.
WERTHEIM, G.K.
MEASUREMENTS OF ILLUMINATION-AT-GREAT-DEPTHS AND AT NIGHT IN THE ATLANTIC OCEAN BY MEANS OF A NEW BATHYPHOTOMETER.
DEEP-SEA RES., V. 3, NO. 3, 1956: 189-205.

216 CLARKE, G.L.
LIGHT-PENETRATION IN THE WESTERN-NORTH-ATLANTIC AND ITS APPLICATION TO BIOLOGICAL PROBLEMS.
RAPP. ET PROCES-VERB. CON. PERM. INT. EXPLOR. MER., 101, PT. 2, NO. 3, 1936: 3-14.

217 CLARKE, G.L.
OBSERVATIONS ON THE PENETRATION OF DAYLIGHT INTO MID-ATLANTIC AND COASTAL WATERS.
BIOL. BULL., V. 65, 1933: 317-337.

218 CLARKE, G.L.
COMPARATIVE RICHNESS OF ZOOPLANKTON IN COASTAL AND OFFSHORE AREAS OF THE ATLANTIC.
BIOL. BULL., V. 78, 1940: 226-255.
CHAPTER 7.2.

219 CLARKE, G.L.
BACKUS, RICHARD H.
INTERRELATIONS BETWEEN THE VERTICAL-MIGRATION OF DEEP-SCATTERING-LAYERS, BIO-LUMINESCENCE AND CHANGES IN DAYLIGHT IN THE SEA.
BULL. INST. OCEANOGR., MONACO, V. 64, NO. 1318, 1964. 34 P.

220 CLARKE, G.L.
HUBBARD, CHARLES J.
QUANTITATIVE RECORDS OF THE LUMINESCENT-FLASHING OF OCEANIC-ANIMALS AT GREAT DEPTHS.
LIMNOL. AND OCEANOGR., V. 4, NO. 2, 1959: 163-180.

221 CLAY, C.S.
ESS, JOHN.
WEISMAN, IRVING.
LATERAL ECHO-SOUNDING OF THE OCEAN-BOTTOM ON THE CONTINENTAL-RISE.
J. GEOPHYS. RES., V. 69, 1964: 3823-3835.

222 COASTAL PLAINS CENTER FOR MARINE DEVELOPMENT SERVICES.
BIBLIOGRAPHY ON HURRICANES AND SEVERE STORMS OF THE COASTAL-PLAINS-REGION.
WASHINGTON, D.C., 1970. 68 P.

223 COE, W.R.
FLUCTUATIONS IN POPULATIONS OF LITTORAL MARINE INVERTEBRATES.
J. MAR. RES., 15, 1956: 212-232.
CHAPTER 7.3.

224 COLLET, L.W.
DEEP-SEA DEPOSITS.
WASHINGTON, D.C., BULL. NATUR. RESOUR. COUNC., NO. 25, 1932: 47-60.

225 COLTON, J.B., JR.
MARAK, R.R.
NICKERSON, S.R.
STODDARD, R.R.
PHYSICAL, CHEMICAL, AND BIOLOGICAL OBSERVATIONS ON THE CONTINENTAL-SHELF, NOVA-SCOTIA TO LONG-ISLAND, 1964 - 1966.
U.S. FISH AND WILDLIFE SERV. NO. 23, 1968. 190 P.

226 COLTON, J.B., JR.
STODDARD, R.R.
AVERAGE MONTHLY SEA-WATER TEMPERATURES, NOVA-SCOTIA TO LONG-ISLAND, 1940-1959.
AMER. GEOGR. SOC. SER. ATLAS OF THE MAR. ENVIRON. FOLIO 21, 1972. 2 P. 10 PL. APPEND.
CHAPTER 4.

227 COLTON, J.B., JR.
TEMPLE, R.F.
THE ENIGMA OF GEORGES-BANK SPAWNING.
LIMNOL. OCEANOGR., V. 6, NO. 3, 1961: 280-291.
CHAPTER 7.2.

228 COLTON, J.B., JR.
A COMPARISON OF CURRENT AND LONG-TERM TEMPERATURES OF CONTINENTAL-SHELF WATERS, NOVA-SCOTIA TO LONG-ISLAND.
INT. COMM. NORTHW. ATL. FISH. RES. BULL. NO. 5.
1968: 110-129.
CHAPTER 4.

229 COLTON, J.B., JR.
RECENT TRENDS IN SUBSURFACE TEMPERATURES IN THE GULF-OF-MAINE AND CONTINUOUS WATERS.
J. FISH. RES. BD. CAN. V. 25, NO. 11, 1968: 2427-2437.
CHAPTER 4.

230 COMMITTEE ON MERCHANT MARINE AND FISHERIES.
U.S. HOUSE OF REPRESENTATIVES.
MARINE MAMMAL-PROTECTION OVERSIGHT.
HEARINGS BEFORE SUBCOMM. ON FISHERIES AND WILDLIFE, CONSERV. AND ENVIRON. OF THE COMM. ON MERCHANT MAR. AND FISH., HOUSE OF REPRESENT., 93D. CONGR., U.S. GOVT. PRINT. OFFICE. SER. NO. 93-24, 1974.
CHAPTER 7.4.

231 CONDON, C.
NORTH-ATLANTIC TROPICAL CYCLONES, 1970.
WEATHER LOG, V. 15, NO. 1, 1971: 5-12.

232 CONOLLY, J.R.
EWING, MAURICE.
PLEISTOCENE GLACIAL-MARINE-ZONES IN NORTH-ATLANTIC DEEP-SEA SEDIMENTS.
NATURE, V. 208, 1965: 135-138.

233 COOPER, L.H.N.
VAUX, DAVID.
CASCADING OVER THE CONTINENTAL SLOPE OF WATER FROM THE CELTIC SEA.
J. MAR. BIOL. ASS., U.K. V. 28, 1949: 719-750.
CHAPTER 8.

234 COOPER, R.A.
UZMANN, J.R.
MIGRATION AND GROWTH OF DEEP-SEA LOBSTERS, HOMARUS-AMERICANUS.
SCIENCE, V. 171, NO. 3969, 1971: 288-290.
CHAPTER 7.3.

235 COOPER, W.J.
BLUMER, MAX.
LINEAR ISO- AND ANTEISO FATTY-ACIDS IN RECENT SEDIMENTS OF THE NORTH-ATLANTIC.
DEEP-SEA RES., V. 15, NO. 5, 1968: 535-540.

236 COTTON, C.A.
CONDITIONS OF DEPOSITION ON THE CONTINENTAL-SHELF-AND-SLOPE.
J. GEOL., 26, 1918: 135-161.

237 COULL, B.C.
SPECIES-DIVERSITY AND FAUNAL-AFFINITIES OF MEIOBENTHIC COPEPODA IN THE DEEP-SEA.
MAR. BIOL., 14, 1972: 48-51.
CHAPTER 7.3.

238 COUNCIL ON ENVIRONMENTAL QUALITY.
OCEAN-DUMPING, A NATIONAL POLICY.
WASHINGTON, D.C., U.S. GOVT. PRINT. OFFICE. 1970.
CHAPTER 9, 11.

239 COUSTEAU, JACQUES-YVES.
DIOLE, PHILIPPE.
THE WHALE: MIGHTY MONARCH OF THE SEA.
DOUBLEDAY AND CO., INC. GARDEN CITY, N.Y. 1972.
CHAPTER 7.4.

240 CRAIG, H.
THE DEEP METABOLISM: OXYGEN-CONSUMPTION IN ABYSSAL-OCEAN-WATER.
J. GEOPHYS. RES., 76, 1971: 5078-5086.
CHAPTER 7.3.

242 CRESSWELL, G.R.
QUASI-SYNOPTIC MONTHLY HYDROGRAPHY OF THE TRANSITION-REGION BETWEEN COASTAL AND SLOPE-WATER SOUTH OF CAPE-COD, MASSACHUSETTS.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-35, TECH. REP., JULY 1967.
CHAPTER 4.

243 CRONAN, J. M.
THE MAMMALS OF RHODE-ISLAND.
R.I. DEP AGR. AND CONSERV., DIV. OF FISH AND GAME.
PAMPH. NO. 6, 1962. 133 P.

244 CRUTCHER, HAROLD L.
QUAYLE, R.G.
MARINERS WORLD WIDE CLIMATIC GUIDE TO TROPICAL STORMS AT SEA.
DEPT. OF COMMERCE, NOAA-EDS, NATIONAL CLIMATIC CENTER, 1974.
CHAPTER 3.

245 CRY, G.W.
HAGARD W.H.
NORTH ATLANTIC TROPICAL CYCLONE ACTIVITY, 1901-1960.
MONTHLY WEATHER REVIEW, VOL. 90, NO. 8, 1962: 341-349.
CHAPTER 3.

246 CSANDY, G.T.
WIND-INDUCED BAROCLINIC-MOTIONS AT THE EDGE OF THE CONTINENTAL-SHELF.
WOODS HOLE OCEANOGR. INST. REF. NO. 73-61, J. OF PHYS. OCEANOGR., V. 3, NO. 3, JULY 1973: 274-279.

247 CUMMINGS, W.C.
THOMPSON, P.O.
UNDERWATER-SOUNDS FROM THE BLUE WHALE, BALAENOPTERA-MUSCULUS.
J. ACOUST. SOC. AMER., V. 50, NO. 4, 1971: 1193-1198.
CHAPTER 7.4.

248 CUMMINGS, W.C.
THOMPSON, P.O.
GRAY WHALES, ESCHRICHTIUS-ROBUSTUS, AVOID THE UNDERWATER-SOUNDS OF KILLER WHALES, ORCINUS-ORCA.
FISH. BULL. 69, 1971: 525-530.
CHAPTER 7.4.

249 CUMMINS, R.
RIVERS, J.B.
STRUMSAKER, P.J.
EXPLORATORY-FISHING OFF THE COAST OF NORTH-CAROLINA, SEPTEMBER 1959 - JULY 1960.
COMMER. FISH. REV., V. 24, NO. 1, 1962: 1-9.

250 CURL, H.C.
STANDING-CROPS OF CARBON, NITROGEN, AND PHOSPHORUS AND TRANSFER BETWEEN TROPHIC-LEVELS IN CONTINENTAL-SHELF WATERS SOUTH OF NEW-YORK.
RAPP. ET PROC.-VERB. CONS. INT. EXPLOR. DE LA MER, 153, 1962: 183-189.

251 CURTIS, W.F.
CULBERTSON, J.K.
CHASE, E.B.
FLUVIAL-SEDIMENT DISCHARGE TO THE OCEANS FROM THE CONTERMINOUS UNITED-STATES.
U.S. GEOL. SURV. CIRC. 670, 17 P. 1973.
CHAPTER 5.

252 CUTLER, EDWARD BAYLER.
SIPUNCULA OF THE WESTERN-NORTH-ATLANTIC.
BULL. AMER. MUS. NATUR. HIST., V. 152, ART. 3, 1973: 105-203.

253 DALL, W.H.
ON CERTAIN LIMPETS AND CHITONS FROM THE DEEP-WATERS OFF THE EASTERN-COAST OF THE UNITED-STATES.
PROC. U.S. NAT. MUS. 4, 1881: 400-414.
CHAPTER 7.3.

254 DALL, W.H.
TERTIARY FOSSILS DREDGED OFF THE NORTHEASTERN-COAST OF NORTH-AMERICA.
AMER. J. SCI., 5TH SER., V. 10, 1925: 213-218.
CHAPTER 5.

255 DANA, J.D.
MANUAL OF GEOLOGY (1ST. ED).
LONDON, TRUBNER & CO. 798 P., 1863.
CHAPTER 8.

256 DAUBIN, S.C.
RAINNIE, W.O.
DEEP-SUBMERGENCE-RESEARCH CONDUCTED DURING THE PERIOD 1 JANUARY THROUGH 31 DECEMBER, 1968.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-17.
APRIL 1969.

257 DAUGHERTY, F.M., JR.
CARROLL, J.
SEARCH FOR THE STEVENSON.
UNDER SEA TECHNOL., V. 9, NO. 4, APRIL 1968: 26-30, 46.
CHAPTER 11.

258 DAVIDSON, M.J.
MILLER, E.T.
AN AIRBORNE MAGNETIC-SURVEY OF THE WEST-INDIES, GULF-OF-MEXICO, AND THE EASTERN UNITED-STATES CONTINENTAL-MARGIN.
AMER. GEOPHYS. UNION TRANS., V. 37, NO. 3, 1956: 341.

259 DAY, C. GODFREY,
WIND-MEASUREMENTS FROM MOORED BUOYS,
WOODS HOLE OCEANOGR. INST. REF. NO. 70-19, FOR
U.S. COAST GUARD, NAT. SCI. FOUND. GRANT,
MAY, 1970.

260 DAY, D.S.
PEARCY, W.G.
SPECIES-ASSOCIATIONS OF BENTHIC FISHES ON THE
CONTINENTAL-SHELF-AND-SLOPE OFF OREGON.
J. FISH. RES. BD. CAN., V. 25, NO. 2, 1968:
2665-2675.
CHAPTER 7.3.

261 DAY, J.H.
FIELD, J.G.
MONTGOMERY, M.P.
THE USE OF NUMERICAL METHODS TO DETERMINE THE
DISTRIBUTION OF THE BENTHIC-FAUNA ACROSS THE
CONTINENTAL-SHELF OF NORTH-CAROLINA.
J. ANIM. ECOL., 40, 1971: 93-125.

262 DAY, L.R.
SUMMER SURFACE DISTRIBUTION OF REDFISH LARVAE IN
ICNAF SUBAREA 4, 1954 - 1955.
IN: SECTION III, LARVAL STUDIES AND LARVAL
DISTRIBUTION, ICES/ICNAF SYMPOSIUM, RAPP.
CONSERV. EXPLOR. MER., 153, 1961: 195-198.

263 DAYTON, P.K.
HESSLER, ROBERT R.
THE ROLE OF DISTURBANCE IN THE MAINTENANCE OF
DEEP-SEA DIVERSITY.
DEEP-SEA RES., V. 19, 1972: 199-208.
CHAPTER 7.3.

264 DEES, L.T.
UNITED-STATES FISH-AND-WILDLIFE-SERVICE PAPERS
ON PHYSICAL AND CHEMICAL OCEANOGRAPHY.
WASHINGTON, D.C., FISH. LEAFL. 515, 1961. 14 P.

265 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
OPERATING AREAS - VICINITY OF NANHAGANSETT-BAY:
APPROACHES TO NEW-YORK - NANTUCKET-SHOALS TO
FIVE-FATHOM-BANK.
LORAN A EDITION, 14TH ED., NO. 12121, MAR. 1973.
CHAPTER 11.

266 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
OPERATING AREAS - BOSTON (SOUTHERN PART) - GEORGES-BANK
AND NANTUCKET-SHOALS.
LORAN A EDITION, 4TH ED., NO. 13041, 1974.
CHAPTER 11.

267 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
SUBSURFACE-OPERATING-AREAS, NORTH-ATLANTIC-OCEAN,
SOUTHEAST-COAST-OF-NORTH-AMERICA INCLUDING THE
BAHAMAS AND GREATER-ANTILLES,
6TH ED., NO. 132, OCT. 1974 REV.
CHAPTER 11.

268 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
OPERATING AREAS - BOSTON (NORTHERN PART) BAY-OF-FUNDY
TO CAPE-COD.
LORAN A ED., 5TH. ED., NO. 13101, 1974.
CHAPTER 11.

269 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
CAPE-MAY TO CAPE-HATTERAS, OPERATING AREAS
VICINITY OF VIRGINIA-CAPE.
NO. 12041, 16TH EDITION, 1974.
CHAPTER 11.

270 DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER.
SUBSURFACE OPERATING-AREAS, SOUTHEAST COAST OF
NORTH-AMERICA INCLUDING THE BAHAMAS AND GREATER-ANTILLES.
WASHINGTON, D.C., 6TH ED. AUG. 1972.
CHAPTER 11.

271 DENT, F. B.
CURRENT STATUS OF THE STOCKS OF MARINE MAMMALS,
PART 2 OF REPORT OF SECRETARY OF COMMERCE, NOAA.
FED. REG., V. 38, NO. 147, PART 3, AUG. 1973:
20564-20601.
CHAPTER 7.4.

272 DEPALMA, J.R.
A STUDY IN DEEP-OCEAN FOULING.
IN: 2ND INT. CONG. ON MAR. CORROSION AND FOULING.
ATHENS, 20-24 SEPT., 1968: 595-600.

273 DESYLVA, D.P.
DAVIS, W.P.
WHITE MARLIN, TETRAPTURUS-ALBIDUS, IN THE
MIDDLE ATLANTIC WITH OBSERVATIONS ON THE
HYDROGRAPHY OF THE FISHING-GROUNDS.
COPEIA, 1963: 81-99.

274 DEUEL, DAVID G.
CLARK, JOHN R.
THE 1965 SALT-WATER ANGLING-SURVEY.
U.S. FISH AND WILDLIFE SERV. BUR. SPORT FISH AND WILDLIFE RES. PUBL. 47, 1968.
CHAPTER 10.

275 DEUEL, DAVID G.
THE 1970 SALT-WATER ANGLING-SURVEY.
U.S. DEP. COMMER., NAT. MAR. FISH SERV. CFS NO. 4200, 1973.
CHAPTER 10.

276 DEVEAR, R.R.
CLAY-MINERAL-RELATIONSHIPS IN RECENT RIVER, NEARSHORE MARINE CONTINENTAL-SHELF-AND-SLOPE SEDIMENTS OF THE SOUTHEASTERN UNITED-STATES.
PH.D. THESIS, UNIV. MONTANA AT MISSOULA, 1968. 164 P.

277 DEXTER, STEPHEN C.
MICROBIOLOGICAL-FOULING AND ITS CONTROL IN COASTAL-WATER AND THE DEEP-OCEAN.
WOODS HOLE, MASS., WOODS HOLE OCEANOGR. INST. TECH. REP. WHOI-74-64, 1974, 50 P.

278 DIETZ, R.S.
ORIGIN OF CONTINENTAL-SLOPES.
AMER. SCI., V. 52, 1964: 50-69.

279 DIETZ, R.S.
MENARD, H.W.
ORIGIN OF ABRUPT CHANGE IN SLOPE AT CONTINENTAL-SHELF-MARGIN.
AMER. ASS. PETROL. GEOL. BULL., V. 35, NO. 9, 1951: 1994-2016.

280 DIETZ, R.S.
COLLAPSING CONTINENTAL-RISES: AN ACTUALISTIC CONCEPT OF GEOSYNCLINES AND MOUNTAIN-BUILDING.
J. GEOL., V. 71, 1963: 314-333.
CHAPTER 5.

281 DILL, R.F.
MILITARY-SIGNIFICANCE OF DEEPLY SUBMERGED SEA-CLIFFS AND ROCKY-TERRACES ON THE CONTINENTAL-SLOPE.
PROC. 4TH U.S. NAVY SYMP. MIL. OCEANOGR., V. 1, 1967: 106-120.

282 DILLON, W.P.
ZIMMERMAN, H.B.
EROSION BY BIOLOGICAL-ACTIVITY IN TWO NEW-ENGLAND SUBMARINE-CANYONS.
J. SEDIMENT. PETROLOGY, 40, 1970: 542-547.
CHAPTER A, 4, 7.3.

283 DINSMORE, R.P.
ICE AND ITS DRIFT INTO THE NORTH-ATLANTIC OCEAN.
INT. COMM. NORTHW. ATL. FISH. SPEC. PUBL. NO. 8, 1972.
CHAPTER 4, 11.

284 DOEBLER, HAROLD J.
A STUDY OF SHALLOW WATER WIND-DRIFT CURRENTS AT TWO STATIONS OFF THE EAST COAST OF THE UNITED-STATES.
PH.D. DISS., UNIV. OF R.I., 1966.

285 DORST, J.
THE MIGRATIONS OF BIRDS.
HOUGHTON MIFFLIN CO., BOSTON, 476 P. 1962.
CHAPTER 7.5.

286 DOYLE, LARRY J.
PILKEY, O.H.
HAYWARD, GARY L.
ARROGAST, JEFF S.
SEDIMENTATION ON THE NORTHEASTERN CONTINENTAL-SLOPE OF THE UNITED-STATES.
IX ME. CONGR. INT. DE SEDIMENT., NICE, 1979.

287 DRAKE, C.L.
RECENT INVESTIGATIONS ON THE CONTINENTAL-MARGIN OF THE EASTERN UNITED-STATES.
IN: CONTINENTAL MARGINS AND ISLAND ARCS, REP. OF SYMP., OTTAWA, CAN. 4-8 SEPT., 1965, GEOL. SURV. CAN. PAP. 66-15, 1965, 1966: 33-47.

288 DRAKE, C.L.
HEIRTZLER, J.R.
HIRSHMAN, J.
MAGNETIC-ANOMALITIES OFF EASTERN NORTH-AMERICA.
J. GEOPHYS. RES., V. 68, 1963: 5259-5275.

289 DRAKE, C.L.
EWING, MAURICE.
SUTTON, G.H.
CONTINENTAL-MARGINS AND GEOSYNCLINES: THE EAST COAST OF NORTH-AMERICA NORTH OF CAPE-HATTERAS.
IN: PHYSICS AND CHEMISTRY OF THE EARTH, NEW YORK, PERGAMMON PRESS, V. 3, 1959: 110-198.
CHAPTER 5.

290 DRAKE, C.L.
EWING, J.I.
STOCKARD, H.
THE CONTINENTAL-MARGIN OF THE EASTERN UNITED-STATES.
CAN. J. EARTH SCI., 5, 1968: 993-1010.
CHAPTER 5.

291 DRAKE, C.L.
WOODWARD, H.P.
APPALACHIAN-CURVATURE, TRENCH FAULTING, AND OFFSHORE-STRUCTURES.
N.Y. ACAD. SCI. TRANS., SER. II, V. 26, P 48-63, 1963.
CHAPTER 5.

292 DRAKE, C.L.
WORZEL, J.L.
BECKMAN, W.C.
GEOPHYSICAL INVESTIGATIONS IN THE EMERGED AND SUBMERGED ATLANTIC COASTAL-PLAIN: PART IX, GULF-OF-MAINE.
GEOL. SOC. AMER. BULL., V. 65, 1954: 957-970.
CHAPTER 5.

293 DRURY, W.H.
POPULATION-CHANGES IN NEW-ENGLAND SEABIRDS (PT. 1).
BIRD-BANDING, 44, 4 P., 1973: 267-313.
CHAPTER 7.5.

294 DUNN, G.E.
MILLER, B.I.
ATLANTIC HURRICANES.
BATON ROUGE, LA, STATE UNIV. PRESS, 1960, 326 P.

295 EBELING, ALFRED W.
WEED, W.H.
MELAMPHOIDAE III: SYSTEMATICS AND DISTRIBUTION OF THE SPECIES IN THE BATHYPELAGIC FISH GENUS SCOPELOGADUS VAILLANT.
DANA REP., 60, 1963: 1-58.
CHAPTER 7.4.

296 EDEMAN, J.W.
DISPOSAL OF WASTES AT SEA.
SEWAGE IND. WASTES, V. 28, NO. 11, 1956: 1365-1370.

297 EDWARDS, R.L.
RELATION OF TEMPERATURE TO FISH ABUNDANCE AND DISTRIBUTION IN THE SOUTHERN NEW-ENGLAND AREA.
INT. COMM. NW ATL. FISH. ENVIRON. SYMP., ROME, SECT. A CONTRIB., 1964: 95-110.
CHAPTER 7.3.

298 EDWARDS, R.L.
EMERY, K.O.
THE VIEW FROM A STORIED SUB: THE ALVIN OFF NORFOLK, VA.
COMMER. FISH. REV., V. 30, NOS. 8-9, 1968: 48-55.

299 EDWARDS, R.L.
LIVINGSTONE, ROBERT, JR.
OBSERVATIONS ON THE BEHAVIOR OF THE PORPOISE, DELPHINUS-DELPHIS.
SCIENCE, V. 132, NO. 3418, 1960: 35-36.

300 EDWARDS, R.L.
LIVINGSTONE, ROBERT, JR.
MAYER, P.E.
WINTER WATER-TEMPERATURES AND AN ANNOTATED LIST OF FISHES - NANTUCKET-SHOALS TO CAPE-HATTERAS, ALBATROSS-III CRUISE NO 124.
SPEC. SCI. REP. U.S. FISH AND WILDLIFE SERV., FISH. REP. NO. 397, 1962. 31 P.
CHAPTER 7,3.

301 EITTREIM, STEPHEN L.
SUSPENDED PARTICULATE-MATTER IN THE DEEP-WATERS OF THE NORTHWEST-ATLANTIC OCEAN.
PH.D. THESIS, COLUMBIA UNIV., 1970.

302 EITTREIM, STEPHEN L.
EWING, MAURICE.
THORNDIKE, E.M.
SUSPENDED-MATTER ALONG THE CONTINENTAL-MARGIN OF THE NORTH-AMERICAN-BASIN.
DEEP-SEA RES., V. 16, 1969: 613-624.
CHAPTER 4, 5.

303 EKMAN, S.
ZOOGEOGRAPHY OF THE SEA.
SIDGWICK AND JACKSON, LTD., LONDON, 1953. 417 P.
CHAPTER 7.3.

304 ELLIOT, F.E.
MYERS, W.W.
TRESSLET, W.L.
A COMPARISON OF THE ENVIRONMENTAL-CHARACTERISTICS OF SOME SHELF-AREAS OF EASTERN UNITED-STATES.
J. WASH. ACAD. SCI., V. 45, NO. 8, 1955: 248-259.

305 ELLIS, WILLIAM S.
TRACKING DANGER WITH THE ICE-PATROL.
NAT. GEOGR., JUNE, 1968: 780-787.
CHAPTER 11.

306 EMERY, K.O.
UCHUPI, ELAZAR.
WESTERN-NORTH-ATLANTIC OCEAN: TOPOGRAPHY, ROCKS, STRUCTURE, WATER, LIFE AND SEDIMENTS.
AMER. ASS. PETROL. GEOL., MEM. 17, 1972.
(TULSA, OKLA.).
CHAPTER 7.1, 8, 4, 7.2, 12, 7.4, 5.

307 EMERY, K.O.
CONTINENTAL-RISES AND OIL-POTENTIAL.
OIL AND GAS J., V. 67, NO. 19, 1969: 231-243.

308 EMERY, K.O.
EDWARDS, R.L.
ARCHAEOLOGICAL POTENTIAL OF THE ATLANTIC CONTINENTAL-SHELF.
AMER. ANTIQUITY, V. 31, 1966: 733-737.
CHAPTER 12.

309 EMERY, K.O.
SCHLEE, J.S.
THE ATLANTIC CONTINENTAL-SHELF-AND-SLOPE: A PROGRAM FOR STUDY.
U.S. GEOL. SURV. CIRC. 481, 1963: 1-11.
CHAPTER 12.

310 EMERY, K.O.
UCHUPI, ELAZAR.
PHILLIPS, J.D.
ROBIN, C.O.
BUNCE, E.T.
KNOTT, S.T.
CONTINENTAL-RISE OF EASTERN NORTH-AMERICA.
AMER. ASS. PETROL. GEOL. BULL., V. 54, NO. 1, 1970: 44-108.
CHAPTER 5.

311 EMERY, K.O.
WIGLEY, ROLAND L.
RUBIN, MEYER.
A SUBMERGED PEAT-DEPOSIT OFF THE ATLANTIC-COAST OF THE UNITED-STATES.
LIMNOL. AND OCEANOGR., V. 10, SUPPL., 1965: R97-R102.
CHAPTER 12.

312 EMERY, K.O.
MERRILL, A.S.
TRUMBALL, J.V.A.
GEOLOGY AND BIOLOGY OF THE SEA-FLOOR AS DEDUCED FROM SIMULTANEOUS PHOTOGRAPHS AND SAMPLES.
LIMNOL. OCEANOGR., V. 10, NO. 1, 1965: 1-21.

313 EMERY, K.O.
SHALLOW-STRUCTURE OF CONTINENTAL-SHELVES-AND-SLOPES.
SOUTHEAST. GEOL., 9, 1968A: 173-194.
CHAPTER 5.

314 EMERY, K.O.
ROSS, D.A.
TOPOGRAPHY AND SEDIMENTS OF A SMALL AREA OF THE CONTINENTAL-SLOPE SOUTH OF MARTHA'S-VINEYARD.
DEEP-SEA RES., V. 15, NO. 4, 1968: 415-422.
CHAPTER 4, 5.

315 EMERY, K.O.
GEOLOGY OF THE CONTINENTAL-MARGIN OFF EASTERN UNITED-STATES.
IN: WHITTARD, W.F. AND BRADSHAW, R. (ED.), SUBMARINE GEOLOGY AND GEOPHYSICS, BUTTERSWORTH, ENGL., COLSTON PAPERS, V. 17, 1965: 1-20.
CHAPTER 5.

316 EMERY, K.O.
THE ATLANTIC CONTINENTAL-MARGIN OF THE UNITED-STATES DURING THE PAST 70 MILLION YEARS.
GEOL. ASS. CAN. SPEC. PAP., 4, 1967: 53-70.

317 EMERY, K.O.
SOME POTENTIAL MINERAL-RESOURCES OF THE ATLANTIC CONTINENTAL-MARGIN.
U.S. GEOL. SURV. PROF. PAP. 525-C, 1965: C157-C160.

318 EMERY, K.O.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES, GEOLOGICAL-BACKGROUND.
U.S. GEOL. PROF. PAP. 529A, 1966: 1-23.

319 EMERY, K.O.
CHARACTERISTICS OF CONTINENTAL-SHELVES-AND-SLOPES.
AMER. ASS. PETROL. GEOL. BULL., V. 49, 1965: 1379-1384.

320 EMERY, K.O.
GARRISON, L.E.
SEA-LEVELS 7,000 TO 20,000 YEARS AGO.
SCIENCE, 157, 1967: 684-687.
CHAPTER 12.

321 EMERY, K.O.
CONTINENTAL-MARGINS OF THE WORLD.
IN: THE GEOLOGY OF THE EAST ATLANTIC CONTINENTAL MARGIN. I. GENERAL AND ECONOMIC PAPERS, ICSU/SCOR WORKING PARTY, 31 SYMP., CAMBRIDGE 1970, REP. NO. 70/13, 1970: 7-29.
CHAPTER 5.

322 EMERY, K.O.
REVIEW OF THE RESULTS FROM THE EASTERN ATLANTIC CONTINENTAL-MARGIN PROGRAM OF THE INTERNATIONAL-DECADE-OF-OCEAN-EXPLORATION.
FOR: NAT. SCI. FOUND., OCTOBER 1973. 29 P.

323 EMERY, K.O.
GEOLOGY OF THE ATLANTIC CONTINENTAL-SHELF-AND-SLOPE: DEEP-SEA TOPOGRAPHY AND SEDIMENTS.
U.S. GEOL. SURV. PROF. PAP. 529-B, 1968, 44 P.

324 EMERY, K.O.
WIGLEY, ROLAND L.
BARTLETT, ALEXANDRA S.
RUBIN, MEYER.
BARGHOORN, E.S.
FRESHWATER PEAT ON THE CONTINENTAL-SHELF.
SCIENCE, V. 154, NO. 3806, 1967: 1391-1307.
CHAPTER 12.

325 EMERY, K.O.
EARLY-MAN MAY HAVE ROAMED THE ATLANTIC-SHELF.
OCEANUS, V. XII, NO. 2, 1966: 3-5.
CHAPTER 12.

326 EMERY, K.O.
A DEEP PATHOGRAM ACROSS THE NORTH-ATLANTIC OCEAN.
AMER. J. SCI., V. 248, 1950: 100-106.
CHAPTER 5.

327 EMERY, K.O.
RELICT-SEDIMENTS OF CONTINENTAL-SHELVES OF THE WORLD.
AMER. ASSOC. PETROL. = GEOL. BULL., V. 52, 1968): 445-464.
CHAPTER 9.

328 EMERY, K.O.
THE SEA OFF SOUTHERN CALIFORNIA.
JOHN WILEY & SONS, NEW YORK, 366 P., 1960.
CHAPTER 5.

329 EMILIANI, C.
PRECIPITOUS CONTINENTAL-SLOPES AND CONSIDERATIONS ON THE TRANSITIONAL CRUST.
SCIENCE, V. 147, 1965: 145-148.

330 EMILIANI, C.
MILLIMAN, J.D.
DEEP-SEA SEDIMENTS AND THEIR GEOLOGICAL-RECORD.
EARTH SCI. REV., V. 1, 1966: 105-132.

331 EMILIANI, C.
OXYGEN-ISOTOPE MEASUREMENTS OF DEEP-SEA SEDIMENTS.
IN: VON ARX, W.S. (ED.), PROCEEDINGS OF THE SYMPOSIUM ON ASPECTS OF DEEP-SEA RESEARCH, WASHINGTON, D.C., PUBL. NAT. ACAD. SCI., NO. 473, 1957: 67-78.

332 ENGELEN, G.B.
INDICATIONS FOR LARGE SCALE GRABEN-FORMATION ALONG THE CONTINENTAL-MARGIN OF THE EASTERN UNITED-STATES.
GEOL. EN MIJNHOUW, V. 42, NO. 3, 1963: 69-75.

333 ENVIRONMENTAL DATA SERVICE.
ENDEX-FILES DESCRIBED FOR THE AREA FROM GEORGES-BANK TO CAPE-HATTERAS FOR THE CONTINENTAL-SHELF.
WASHINGTON, D.C., 1975.

334 ENVIRONMENTAL DATA SERVICE.
THE NATIONAL-CLIMATIC-CENTER, ASHEVILLE, NORTH-CAROLINA.
WASHINGTON, D.C., 1970.

335 EPPLEY, R.W.
TEMPERATURE AND PHYTOPLANKTON GROWTH IN THE SEA.
FISH. BULL., 70, 1972: 1063-1085.

336 ERICSON, D.B.
EWING, MAURICE.
HEEZEN, B.C.
DEEP-SEA SANDS AND SUBMARINE-CANYONS.
GEOL. SOC. AMER. BULL., V. 62, 1951: 961-965.

337 ERICSON, D.B.
EWING, MAURICE.
HEEZEN, B.C.
TURBIDITY-CURRENTS AND SEDIMENTS IN NORTH-ATLANTIC.
AMER. ASS. PETROL. GEOL. BULL. V. 36, 1952: 489-511.

338 ERICSON, D.B.
EWING, MAURICE.
WOLLIN, GOESTA.
THE PLEISTOCENE EPOCH IN DEEP-SEA SEDIMENTS.
SCIENCE, V. 146, 1964: 723-732.

339 ERICSON, D.B.
EWING, MAURICE.
WOLLIN, GOESTA.
PLIOCENE - PLEISTOCENE BOUNDARY IN DEEP-SEA
SEDIMENTS.
SCIENCE, V. 139, 1963: 727-737.

340 ERICSON, D.B.
BROECKER, W.S.
KULP, J.L.
WOLLIN, GOESTA.
SEDIMENT DEPOSITION IN DEEP ATLANTIC.
IN: ARIE POLDERVAART (ED.), CRUST OF THE EARTH.
GEOL. SOC. AMER. SPEC. PAP. 62, 1955: 205-219.

341 ERICSON, D.B.
BROECKER, W.S.
KULP, J.L.
WOLLIN, GOESTA.
LATE-PLEISTOCENE CLIMATES AND DEEP-SEA SEDIMENTS.
SCIENCE, V. 124, 1956: 385-389.

342 ERICSON, D.B.
EWING, MAURICE.
WOLLIN, GOESTA.
HEEZEN, B.C.
ATLANTIC DEEP-SEA SEDIMENT-CORES.
GEOL. SOC. AMER. BULL., V. 72, 1961: 193-286.
CHAPTER A, S.

343 ESTUARINE RESEARCH FOUNDATION.
MARINE ENVIRONMENTAL-IMPLICATIONS OF
OFFSHORE OIL-AND-GAS DEVELOPMENT IN THE
BALTIMORE-CANYON REGION OF THE MID-ATLANTIC COAST.
CONFERENCE PROCEEDINGS.
SPONSORED BY: BUREAU OF LAND MANAGEMENT,
U.S. DEPT. OF INTERIOR, VIRGINIA INST. MAR. SCI.,
WACHAPREAGUE, VIRGINIA, N.D.

344 EWING, J.I.
LE PICHON, XAVIER.
EWING, MAURICE.
UPPER STRATIFICATION OF HUDSON-APRON-REGION.
J. GEOPHYS. RES., V. 68, 1963: 6303-6316.

345 EWING, J.I.
HOLLISTER, C.D.
REGIONAL-ASPECTS OF DEEP-SEA DRILLING IN THE
WESTERN-NORTH-ATLANTIC.
INITIAL REPS. DEEP SEA DRILLING PROJECT, V. 11,
1972: 951-973.

346 EWING, MAURICE.
THORNDIKE, E.M.
SUSPENDED-MATTER IN DEEP-OCEAN-WATER.
SCIENCE, V. 147, 1965: 1291-1294.

347 EWING, MAURICE.
GERARD, R.D.
RADIOLOGICAL STUDIES IN THE INVESTIGATION OF
OCEAN CIRCULATION.
IN: VON ARX, W.S. (ED.), PROCEEDINGS OF THE SYMPOSIUM
ON ASPECTS OF DEEP-SEA RESEARCH, WASHINGTON, D.C.,
PUBL. NAT. ACAD. SCI., NO. 473, 1957: 58-66.

348 EWING, MAURICE.
WORZEL, J.L.
BEALL, A.O.
BERGGREN, W.A.
BUKRY, D.
BURK, C.A.
FISCHER, A.G.
PESSAGNO, E.A., JR.
INITIAL REPORTS OF THE DEEP-SEA DRILLING-PROJECT.
1969: 1-672.

349 FAO PANEL OF EXPERTS FOR FACILITATION OF TUNA RES.
FINAL REPORT OF THE WORKING PARTY ON TUNA AND
BILLFISH TAGGING IN THE ATLANTIC AND ADJACENT SEAS.
FOOD AND AGR. ORGAN. OF THE UNITED NATIONS, ROME.
FAO FISH. REP. NO. 118, SUPPL. 1 TO THE REP. OF
4TH SESS., LA JOLLA, CA., 8-12 NOV., 1971. 1972.
CHAPTER 7.4.

350 FARRINGTON, JOHN W.
BENTHIC LIPIDS OF NARRAGANSETT-BAY - FATTY-ACIDS
AND HYDROCARBONS.
PH.D. DISS., UNIV. OF R.I., 1971.

351 FAY, F.H.
ARCTIC WHITE WHALE, BELUKHA.
IN: A. SEED (ED.) TOOTHED WHALES, PACIFIC SEARCH
BOOKS, SEATTLE, WASHINGTON, PP 23-27. 1971.
CHAPTER 7.4.

352 FELDHAUSEN, PETER H.
ORDINATION OF SEDIMENTS FROM THE CAPE-HATTERAS
CONTINENTAL-MARGIN.
MATH. GEOL., V. 2, NO. 2, 1970: 113-129.

353 FENNER, P.
KELLING, GILBERT.
STANLEY, D.J.
BOTTOM CURRENTS IN WILMINGTON SUBMARINE-CANYON.
NATURE, PHYS. SCI., 229, 1971: 52-54.

354 FIELD, M.E.
PILKEY, O.H.
FELDSPAR IN ATLANTIC CONTINENTAL-MARGIN SANDS
OFF THE SOUTHEASTERN UNITED-STATES.
GEOL. SOC. AMER. BULL., V. 80, 1969: 2097-2102.

355 FIELD, R.M.
REPORT ON THE WORK ON THE INTERNATIONAL COMMISSION
ON CONTINENTAL AND OCEANIC-STRUCTURES.
AMER. GEOPHYS. UNION TRANS., 19TH ANNU. MEET., PART
1, 1938: 252-294.

356 FINE, M.L.
FAUNAL-VARIATION ON PELAGIC SARGASSUM.
MAR. BIOL., V. 7, NO. 2, 1969: 112-122.

357 FISCHER, A.G.
LATITUDINAL-VARIATIONS IN ORGANIC-DIVERSITY.
EVOLUTION, 14, 1960: 64-81.

358 FISH, J.F.
VANIA, J.S.
KILLER WHALE, ORCINUS-ORCA, SOUNDS REPEL WHITE
WHALES, DELPHINAPTERUS-LEUCAS.
FISH. BULL. V. 69, NO. 3, 1971: 531-535.
CHAPTER 7.4.

359 FISHER, ALVAN., JR.
ENTRAINMENT OF SHELF-WATER BY THE GULF-STREAM
NORTHEAST OF CAPE-HATTERAS.
J. GEOPHYS. RES., 77, 1972: 3248-3255.
CHAPTER 4.

360 FISHER, M.D.
SERGEANT, D.E.
A WHITE WHALE IN THE BAY-OF-FUNDY.
CAN. FIELD. NATUR. 68, 1954: 138-139.
CHAPTER 7.4.

361 FISHER, M.D.
HARRISON, R.J.
REPRODUCTION IN THE COMMON PORPOISE, PHOCOENA-PHOCOENA,
OF THE NORTH-ATLANTIC.
J. ZOOL., LONDON 161, 1970: 471-486.
CHAPTER 7.4.

362 FISHER, J.
VEVERS, H.G.
THE BREEDING DISTRIBUTION HISTORY, AND POPULATION
OF THE NORTH AMERICAN GANNET, SULA-BASSANA.
J. ANIMAL ECOL., V. 13, 1949: 49-62.
CHAPTER 7.5.

363 FISHER, N.S.
GRAHAM, L.B.
CARPENTER, EDWARD J.
WUNSTER, C.F.
GEOGRAPHIC DIFFERENCES IN PHYTOPLANKTON-SENSITIVITY
TO PCB'S.
NATURE, 241, 1973: 548-549.
CHAPTER 7.1.

364 FITZGERALD, W.F.
MUNT, C.D.
DISTRIBUTION OF MERCURY IN THE SURFACE MICROLAYER AND IN SUBSURFACE WATERS OF THE NORTHWEST ATLANTIC OCEAN.
J. RECH. ATMOS., 1974: 629-637.
CHAPTER 6.

365 FITZGERALD, W.F.
LYONS, W.R.
ORGANIC-MERCURY-COMPOUNDS IN COASTAL WATERS.
NATURE, 1973: 242-452.
CHAPTER 6.

366 FLAGG, C.N.
BEARDSLEY, ROBERT C.
REPORT ON THE 1974 M-I-T NEW-ENGLAND SHELF-DYNAMICS-EXPERIMENT, MARCH, 1974. PART I: HYDROGRAPHY.
MASS. INST. TECHNOL. REP. 75-1, MAY 1975, 87 P.
CHAPTER 4.

367 FLUGEL, H.
ANIMALS.
SECTION 8.3 IN CHAPTER 8, PRESSURE, IN: O. KINNE (ED.), MARINE ECOLOGY, A COMPREHENSIVE, INTEGRATED TREATISE ON LIFE IN OCEANS AND COASTAL WATERS.
WILEY-INTERSCIENCE, N.Y. 1972, PP. 1407-1450.
CHAPTER 7.3.

368 FOFONOFF, N.P.
WEBSTER, FERRIS.
CURRENT-MEASUREMENTS IN THE WESTERN ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-10: PHIL. TRANS. ROY. SOC. LONDON, SER. A, V. 270.
1971: 423-434.

369 FOFONOFF, N.P.
DYNAMICS OF OCEAN CURRENTS.
IN: HILL, M.N. (ED.), THE SEA, V. 1: PHYSICAL OCEANOGRAPHY. NEW YORK, INTERSCI. PUBL., JOHN WILEY AND SONS, 1962: 3-30.

370 FOLGER, DAVID W.
WIND-TRANSPORT OF LAND-DERIVED-MINERAL, BIOGENIC AND INDUSTRIAL-MATTER OVER THE NORTH-ATLANTIC.
DEEP-SEA RES., V. 17, NO. 2, 1970: 337-352.

371 FOOD AND AGRICULTURAL ORGANIZATION.
CATCHES AND LANDINGS, 1970.
YEARBOOK OF FISHERY STATICS, V. 30, FOOD AND AGR. ORGAN. OF THE UNITED NATIONS, ROME, 467 PP. 1971.
CHAPTER 7.4.

372 FORBUSH, E.H.
MAY, J.B.
NATURAL HISTORY OF AMERICAN BIRDS.
BRAMHALL HOUSE, 1939.
CHAPTER 7.5.

373 FORD, W.L.
LONGARD, J.R.
BANKS, R.E.
ON THE NATURE, OCCURRENCE AND ORIGIN OF COLD, LOW SALINITY WATER ALONG THE EDGE OF THE GULF-STREAM.
J. MAR. RES., V. 11, NO. 3, 1952: 281-293.
CHAPTER 4.

374 FORD, W.L.
MILLER, A.R.
THE SURFACE-LAYER OF THE GULF-STREAM AND ADJACENT WATERS.
J. MAR. RES., V. 11, NO. 3, 1952: 267-280.
CHAPTER 4.

375 FORNS, J.M.
MID-ATLANTIC ZOOPLANKTON: AN OVERVIEW WITH CONSIDERATION OF POTENTIAL IMPACTS BY OFFSHORE OIL.
IN: ESTUARINE RES. FED., MARINE ENVIRONMENTAL IMPLICATIONS OF OFFSHORE OIL AND GAS DEVELOPMENT IN THE BALTIMORE CANYON REGION OF THE MID-ATLANTIC COAST, PROC. ESTUARINE RES. FED., OUTER CONTINENTAL SHELF CONF. AND WORKSHOP, DEC. 2, 3, 4, 1974.
CHAPTER 7.2.

376 FORSTER, W.O.
A SURVEY OF ERDA-SPONSORED COASTAL-ZONE-RESEARCH IN THE NORTHEAST.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC CONTINENTAL SHELF AND NEW YORK BIGHT, NEW YORK CITY, ABSTRACT ONLY, NOV. 3-5, 1975.
CHAPTER 4.

377 FOURNIER, ROBERT O.
THE TRANSPORT OF ORGANIC-CARBON TO ORGANISMS LIVING IN THE DEEP-OCEANS.
PROC. ROY. SOC. EDINBOROUGH, V. 73, NO. 21.
1972: 203-211.
CHAPTER 7.3.

378 FOURNIER, ROBERT OMER.
NORTH-ATLANTIC DEEP-SEA-FERTILITY.
PH.D. DISS. UNIV. OF RHODE ISLAND. 1967.
CHAPTER 7.1.

379 FOWLER, H.W.
NOTES ON FISHES FROM THE GULF-STREAM AND THE NEW-JERSEY COAST.
PROC. ACAD. NAT. SCI. PHILADELPHIA. V. 89. 1937: 297-308.

380 FOWLER, H.W.
DESCRIPTION OF A NEW DEEP-WATER ANGLER-CHAUNACIDAE FROM OFF NEW-JERSEY.
NOTUL. NAT. ACAD. PHILADELPHIA. NO. 180. 1946. 4 P.

381 FOWLER, S.W.
SMALL, L.F.
SINKING-RATES OF EUPHAUSIID FECAL-PELLETS.
LIMNOL. OCEANOGR.. 17. 1972: 293-296.
CHAPTER 7.3.

382 FRANK, W.F.
MCKINEY, T.F.
FRIEDMAN, G.M.
ATLANTIC CONTINENTAL-SHELF: A COMPARISON OF AREAS NORTH AND SOUTH OF HUDSON-RIVER SUBMARINE-CANYON.
PROC. INT. GEOL. CONGR.. 24TH SESS.. 1972: 231-236.

383 FRIEDMAN, G.M.
PARAECOLOGY OF BENTHONIC FORAMINIFERA AND ASSOCIATED MICRO-ORGANISMS OF THE CONTINENTAL-SHELF OFF LONG-ISLAND, NEW-YORK.
J. PALEONTOL.. V. 45. N.D.: 153-177.

384 FRIEDMAN, G.M.
STUDY OF CONTINENTAL-SHELF-AND-SLOPE ON THE COAST OF LONG-ISLAND, NEW-YORK AND NEW-JERSEY.
MAR. SEDIMENTS. V. 2. 1966: 21-23.

385 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF REPORTS. 1967.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-83.
JAN. 1968.

386 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF REPORTS. 1966.
WOODS HOLE OCEANOGR. INST. REF. NO. 66-72.
JAN. 1967.

387 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1968.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-82.
JAN. 1969.

388 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1969.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-90.
APRIL 1970.

389 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1970.
WOODS HOLE OCEANOGR. INST. REF. NO. 70-79.
MARCH 1971.

390 FUGLISTER, CECELIA R.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1971.
WOODS HOLE OCEANOGR. INST. REF. NO. 71-78.
JAN. 1972.

391 FUGLISTER, CECELIA B.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1972.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-96.
JAN. 1973.

392 FUGLISTER, CECELIA B.
SIMMONS, NANCY S.
BIBLIOGRAPHY OF TECHNICAL REPORTS. 1973.
WOODS HOLE OCEANOGR. INST. REF. NO. 73-93.
JAN. 1974.

393 FUGLISTER, F.C.
AVERAGE MONTHLY SEA SURFACE TEMPERATURES OF THE WESTERN-NORTH-ATLANTIC OCEAN.
MASS. INST. OF TECHNOL. AND WOODS HOLE OCEANOGR. INST. PAPERS PHYS. OCEANOGR. AND METEOROL.. V. 10. NO. 2. 1947. 25 P.
CHAPTER 4.

394 FUGLISTER, F.C.
AVERAGE TEMPERATURE AND SALINITY AT A DEPTH OF 200 METERS IN THE NORTH-ATLANTIC.
TELLUS. V. 6. NO. 1. 1954: 46-58.
CHAPTER 4.

395 FUGLISTER, F.C.
THE THERMAL-STRUCTURE IN THE DEEP-SEA.
IN: VON ARX, W.S. (ED.): PROCEEDINGS OF THE SYMPOSIUM ON ASPECTS ON DEEP-SEA RESEARCH, WASHINGTON, D.C.. PUBL. NAT. ACAD. SCI.. NO. 473. 1957: 10-18.

396 FUGLISTER, F.C.
ATLANTIC-OCEAN ATLAS OF TEMPERATURE AND SALINITY PROFILES AND DATA FROM THE INTERNATIONAL-GEOPHYSICAL-YEAR OF 1957-1958.
WOODS HOLE OCEANOGR. INST., V. 1, 1960. 209 P.
CHAPTER 4.

397 FUGLISTER, F.C.
WORTHINGTON, L.V.
SOME RESULTS OF A MULTIPLE SHIP SURVEY OF THE GULF-STREAM.
TELLUS, NO. 3, 1951: 1-14.

398 FUGLISTER, F.C.
GULF-STREAM '60.
PROGRESS IN OCEANOGRAPHY, V. 1, 1963: 265-373.
CHAPTER 4.

399 FUGLISTER, F.C.
CYCLONIC RINGS FORMED BY THE GULF-STREAM, 1965-66.
STUDIES IN PHYSICAL OCEANOGRAPHY, ARNOLD GORDON (ED.)
GORDON AND BREACH SCIENCE PUBLICATION, N.Y., 1972.
CHAPTER 4.

400 GAMBELL, R.
AERIAL-OBSERVATIONS OF SPERM WHALE-BEHAVIOR BASED ON OBSERVATIONS, NOTES AND COMMENTS BY K.J. PINKERTON.
NORSK HVALFANGST-TID., V. 57, NO. 6, 1968: 126-138.
CHAPTER 7.4.

401 GARDINER, L.F.
THE SYSTEMATICS, POSTMARSUPIAL DEVELOPMENT AND ECOLOGY OF THE DEEP-SEA FAMILY NEOTANAIDEA (CRUSTACEA TANAIDACEA).
PH.D. DISS., UNIV. OF R.I., 1971.

402 GARRISON, L.E.
CRETACEOUS-CENOZOIC DEVELOPMENT OF THE CONTINENTAL-SHELF SOUTH OF NEW-ENGLAND.
PH.D. DISS., UNIV. OF R.I., 1967.

403 GASKIN, D.E.
RECENT OBSERVATION IN NEW-ZEALAND WATERS ON SOME ASPECTS OF BEHAVIOR OF THE SPERM WHALE, PHYSETER-MACROCEPHALUS.
TUATARA, V. 12, NO. 2, 1964: 106-114.
CHAPTER 7.4.

404 GASKIN, D.E.
LUMINESCENCE IN A SQUID, MOROTEUTHIS-SP. (PROBABLY INGENS SMITH), AND A POSSIBLE FEEDING-MECHANISM IN THE SPERM WHALE, PHYSETER-CATODON L.
TUATERA, V. 15, NO. 2, 1967: 86-88.
CHAPTER 7.4.

405 GASKIN, D.E.
HOLDRINET, M.
FRANK, R.
ORGANOCHLORINE PESTICIDE-RESIDUES IN HARBOR PORPOISE FROM THE BAY-OF-FUNDY REGION.
NATURE, 233, 1971: 499-500.
CHAPTER 7.4.

406 GASKIN, D.E.
ISHIDA, K.
FRANK, R.
MERCURY IN HARBOUR PORPOISES, PHOCOENA-PHOCOENA, FROM THE BAY-OF-FUNDY REGION.
J. FISH. RES. BD. CAN., V. 29, 1972: 1644-1646.
CHAPTER 7.4.

407 GASKIN, D.E.
ARNOLD, P.W.
BLAIR, B.A.
PHOCOENA-PHOCOENA.
MAMMALIAN SPECIES NO. 42, P 1-8, 4 FIGS. AMER. SOC. OF MAMMALOGISTS, JUNE 28, 1974.
CHAPTER 7.4.

408 GAUL, R.D.
OBSERVATIONS OF INTERNAL WAVES NEAR HUDSON-CANYON.
J. GEOPHYS. RES., V. 66, NO. 11, 1961: 3821-3830.

409 GERARD, R.D.
LANGSETH, M.G., JR.
EWING, MAURICE.
THERMAL-GRADIENT MEASUREMENTS IN THE WATER AND BOTTOM SEDIMENT OF THE WESTERN-ATLANTIC.
J. GEOPHYS. RES., V. 67, 1962: 785-803.

410 GERLACH, S.A.
ON THE IMPORTANCE OF MARINE MEIOFAUNA FOR BENTHOS-COMMUNITIES.
OECOLOGIA, 6, 1971: 176-190.
CHAPTER 7.3.

411 GIBBS, R.H., JR.
GOODYEAR, R.H.
KEEN, M.J.
BROWN, D.W.
BIOLOGICAL STUDIES OF THE BERMUDA-OCEAN-ACRE, III: VERTICAL-DISTRIBUTION AND ECOLOGY OF THE LANTERNFISHES (FAMILY MYCTOPHIDAE).
REP. TO U.S. NAVY UNDERWATER SYS. CENTER, SMITHSON. INST., 1971.
CHAPTER 7.4.

412 GIBBS, R.H., JR.
TAXONOMY, SEXUAL-DIMORPHISM, VERTICAL-DISTRIBUTION, AND EVOLUTIONARY-ZOOGEOGRAPHY OF THE BATHYPELAGIC FISH GENUS STOMIAS (STOMIATIDAE).
SMITHSON. CONTRIB. ZOOL. 31: 1969: 1-25.
CHAPTER 7.4.

413 GIBBS, R.H., JR.
A TAXONOMIC-ANALYSIS OF MYCTOPHUM-AFFINE AND MYCTOPHUM-NITIDULUM, TWO LANTERN-FISHES PREVIOUSLY SYNONYMIZED, IN THE WESTERN-NORTH-ATLANTIC.
DEEP-SEA RES., NO. 4, 1957: 230-237.
CHAPTER 7.4.

B-370

415 GIBSON, THOMAS G.
LATE MESOZOIC-CENOZOIC TECTONIC ASPECTS OF THE ATLANTIC-COASTAL-MARGIN.
GEOL. SOC. OF AMER. BULL., V. 81: NO. 4: 1970: 1813-1822.

416 GIBSON, THOMAS G.
HAZEL, J.E.
MELLO, J.F.
FOSSILIFEROUS-ROCKS FROM SUBMARINE-CANYONS OFF THE NORTHEASTERN UNITED-STATES.
U.S. GEOL. SURV. PROF. PAP. 600-D: 1968: 222-230.

417 GILES, L.A., JR.
LIVINGSTON, J.
OIL POLLUTION OF THE SEAS.
TRANS. N. AMER. WILDL. AND NATUR. RESOUR. CONF., 25: 1960: 297-302.
CHAPTER 7.5.

418 GILPIN, J.B.
ON THE SMALLER CETACEANS INHABITING THE BAY-OF-FUNDY AND SHORES OF NOVA-SCOTIA.
PROC. N.S. INST. SCI. 4: 1878: 21-24.
CHAPTER 7.4.

419 GOERING, JOHN J.
MENZEL, D.W.
THE NUTRIENT-CHEMISTRY OF THE SEA-SURFACE.
DEEP-SEA RES., V. 12, NO. 6, 1965: 839-843.

420 GOLDSMITH, VICTOR.
MORRIS, W. DOUGLAS.
BYRNE, ROBERT J.
WHITLOCK, CHARLES H.
WAVE-CLIMATE-MODEL OF THE MID-ATLANTIC SHELF AND SHORELINE (VIRGINIA-SEA): MODEL-DEVELOPMENT, SHELF-GEOMORPHOLOGY, AND PRELIMINARY RESULTS.
NAT. AERONAUT. & SPACE ADMIN., VA. INST., MAR. SCI, NASA SP-358, VIMS SRAMSOE NO. 38, 1974.

421 GOLDSMITH, VICTOR.
SUTTON, CAROLYN H.
DAVIS, JANE S.
BATHYMETRY OF THE VIRGINIA-SEA, PART I, CHESAPEAKE-RIGHT, CAPE-HENLOPEN - CAPE-HATTERAS, CONTINENTAL-SHELF-AND-UPPER-SLOPE.
GLOUCESTER PT., VA, INST. MAR. SCI., SPEC. REP. IN APPLIED MAR. SCI. & OCEAN ENG. NO. 39. N.D.

422 GOLLEY, F.B.
SOUTH-CAROLINA MAMMALS.
THE CHARLESTON MUS., S.C., 181 PP. 1966.
CHAPTER 7.4.

423 GOODE, G.B.
DESCRIPTIONS OF SEVEN NEW SPECIES OF FISHES FROM DEEP-SOUNDINGS ON THE SOUTHERN NEW-ENGLAND COAST, WITH DIAGNOSES OF TWO UNDESCRIBED GENERA OF FLOUNDERS AND A GENUS RELATED TO MERLUCCIUS.
PROC. U.S. NAT. MUS., V. 3, 1881: 337-350.

424 GOODE, G.B.
BEAN, T.H.
DESCRIPTIONS OF NEW FISHES OBTAINED BY THE UNITED-STATES FISH-COMMISSION MAINLY FROM DEEP-WATER OFF THE ATLANTIC AND GULF-COASTS.
PROC. U.S. NAT. MUS., V. 8, 1886: 589-605.

425 GOODE, G.B.
BEAN, T.H.
OCEANIC ICHTLYOLOGY, DEEP SEA AND PELAGIC FISHES OF THE WORLD.
SPEC. BULL., U.S. NAT. MUS. 2: 1896: 1-553.
CHAPTER 7.3.

426 GOODE, G.B.
THE FISHERIES AND FISHERY-INDUSTRIES OF THE UNITED-STATES: SEC I, NATURAL-HISTORY OF USEFUL AQUATIC-ANIMALS, WITH AN ATLAS OF 277 PLATES.
WASHINGTON, 1884.
CHAPTER 7.4.

427 GOODE, G.B.
THE FISHERIES AND FISHERY-INDUSTRIES OF THE UNITED-STATES: SEC II, A GEOGRAPHICAL REVIEW OF THE FISHERIES-INDUSTRIES AND FISHING-COMMUNITIES FOR THE YEAR 1880.
WASHINGTON, 1887.
CHAPTER 7.4.

428 GOODE, G.B.
THE FISHERIES AND FISHERY-INDUSTRIES OF THE UNITED-STATES.
SEC. V., V. 1, 2, ATLAS OF 255 PL. WASHINGTON, GOVT. PRINTING OFFICE 1887. U.S. COMM. FISH. AND FISHERIES.
CHAPTER 7.4.

429 GORBUNOVA, N.N.
BREEDING-GROUNDS AND FOOD OF THE LARVAE OF THE SWORDFISH, XIPHIAS-GLADIUS.
PROBLEMS OF ICHTHYOLOGY, AMER. FISH. SOC., V. 9, NO. 3, 1969: 375-387.

430 GORDON, ARNOLD L.
OBSERVATION OF SOME SMALL AND MEDIUM SCALE CIRCULATION FEATURES OFF THE NEW-JERSEY COAST: ABSTRACT.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD. 3 THROUGH 6 APRIL, 1974.

431 GORDON, ARNOLD L.
AMOS, ANTHONY F.
GERARD, R.D.
NEW-YORK-BIGHT-WATER STRATIFICATION.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC CONTINENTAL SHELF AND NEW YORK BIGHT, NEW YORK CITY, ABSTRACT ONLY, NOV. 3-5, 1975.
CHAPTER 8, 4.

432 GORDON, D.C., JR.
SOME STUDIES ON THE DISTRIBUTION AND COMPOSITION OF PARTICULATE ORGANIC-CARBON IN THE NORTH-ATLANTIC OCEAN.
DEEP-SEA RES., V. 17, 1970: 233-243.

433 GORDON, D.C., JR.
VARIABILITY OF PARTICULATE CARBON AND NITROGEN ALONG THE HALIFAX-BERMUDA SECTION.
IN: ABSTRACTS OF PAPERS SUBMITTED FOR THE THIRTY-EIGHTH ANNUAL MEETING OF LIMNOLOGY & OCEANOGRAPHY, INC., DALHOUSIE UNIV., HALIFAX, NOVA SCOTIA, CANADA, JUNE 22-26, 1975.

434 GORDON, M.C.
TALK GIVEN AT THE API-CONFERENCE ON FISH-AND-OIL-AT-SEA, BOSTON, MASS., 1973.
CHAPTER 10.

435 GORSLINE, D.S.
BOTTOM SEDIMENTS OF THE ATLANTIC SHELF-AND-SLOPE OFF THE SOUTHERN UNITED-STATES.
J. GEOL., V. 71, 1963: 422-440.

436 GORSLINE, D.S.
SOURCES AND PARAMETERS OF BOTTOM SEDIMENTS OF THE CONTINENTAL-TERRACE OFF THE SOUTHEASTERN UNITED-STATES, ABSTRACT.
IN: SEARS, M.E. (ED.), INTERNATIONAL OCEANOGRAPHIC CONGRESS PREPRINTS, WASHINGTON, D.C., AMER. ASS. ADVAN. SCI., 1959: 615-616.

437 GOSNER, K.L.
INVERTEBRATES CAPE-HATTERAS TO THE BAY-OF-FUNDY.
WILEY INTERSCIENCE, NEW YORK, 1971, 693 P.

438 GOTTHARDT, G.A.
POTOCSKY, G.J.
LIFE-CYCLE OF A GULF-STREAM ANTICYCLONIC-EDDY OBSERVED FROM SEVERAL OCEANOGRAPHIC PLATFORMS.
J. PHYS. OCEANOGR., V. 4, NO. 1, 1974: 131-134.
CHAPTER 4.

439 GRAN, H.H.
STUDIES ON THE BIOLOGY AND CHEMISTRY OF THE GULF-OF-MAINE, II: DISTRIBUTION OF PHYTOPLANKTON IN AUGUST 1932.
BIOL. BULL., V. 64, 1933: 159-182.
CHAPTER 7.1.

440 GRAN, H.H.
GRAARUD, T.
A QUANTITATIVE STUDY OF THE PHYTOPLANKTON IN THE BAY-OF-FUNDY AND THE GULF-OF-MAINE (INCLUDING OBSERVATIONS ON HYDROGRAPHY, CHEMISTRY, AND TURBIDITY).
J. BIOL. BD. CAN., V. 1, NO. 5, 1935: 279-467.
CHAPTER 7.1.

441 GRANT, GEORGE CLIFFORD,
THE GEOGRAPHIC DISTRIBUTION AND TAXONOMIC-VARIATION OF SAGITTA-SERRATODENTATA KROHN 1853 AND SAGITTA-TASMANICA THOMSON 1947 IN THE NORTH ATLANTIC OCEAN,
PH.D. DISS., UNIV. OF R.I., 1967.

442 GRASSLE, J. FREDERICK,
SANDERS, H.L.
LIFE-HISTORIES AND THE ROLE OF DISTURBANCE,
DEEP-SEA RES., V. 20, 1973: 643-659.
CHAPTER 7.3.

443 GRASSLE, J. FREDERICK,
SPECIES-DIVERSITY, GENETIC-VARIABILITY AND ENVIRONMENTAL UNCERTAINTY,
FIFTH EUROPEAN MARINE BIOLOGICAL SYMPOSIUM, PICCIN EDITORE, PADUA, 1972: 19-26, WOODS HOLE OCEANOGR. INST. CONTRIB. NO . 2284.

444 GRASSLE, J. FREDERICK,
INFLUENCE OF ENVIRONMENTAL-VARIATION IN SPECIES DIVERSITY IN BENTHIC-COMMUNITIES OF THE CONTINENTAL-SHELF AND-SLOPE,
PH.D. THESIS, DUKE UNIV., DURHAM, N.C., 1967, 194 P.

445 GRASSLE, J. FREDERICK,
SANDERS, H.L.
HESSLER, ROBERT R.
ROWE, GILBERT T.
MCLELLAN, T.
PATTERN AND ZONATION A STUDY OF THE BATHYAL MEGAFAUNA USING THE RESEARCH SUBMERSIBLE ALVIN,
DEEP SEA RES., V. 22, NO. 7, 1975: 457-482.
CHAPTER 4, 7.3.

446 GRAY, D.
NOTES ON THE CHARACTERS AND HABITS OF THE BOTTLENOSE WHALE, HYPEROODON-NOSTRATUS,
PROC. ZOOL. SOC. LONDON 50, 1882: 724-731.
CHAPTER 7.4.

447 GREY, M.
FISHES OF THE WESTERN-NORTH-ATLANTIC: FAMILY GONOSTOMATIDAE,
SEARS FOUND. MAR. RES., MEM. NO. 1, PT. 4, 1964: 78-240.
CHAPTER 7.4.

448 GREY, M.
THE DISTRIBUTION OF FISHES FOUND BELOW A DEPTH OF 2000 METERS,
FIELDIANA ZOOL., 36, 1956: 73-337.
CHAPTER 7.3.

449 GRICE, GEORGE D.
HART, ARCH D.
THE ABUNDANCE, SEASONAL OCCURRENCE AND DISTRIBUTION OF THE EPIZOOPLANKTON BETWEEN NEW-YORK AND BERMUDA,
ECOL. MONOGR., V. 32, NO. 4, 1962: 287-309.
CHAPTER 7.2.

450 GRICE, GEORGE D.
HULSEMANN, KUNI,
NEW SPECIES OF BOTTOM-LIVING CALANOID COPEPODS COLLECTED IN DEEP-WATER BY THE DSRV ALVIN,
WOODS HOLE OCEANOGR. INST. REF. NO. 70-17, BULL. MUS. COMP. ZOOL., V. 139, NO. 4, APRIL 1970: 185-230.

451 GRICE, GEORGE D.
DEEP-WATER COPEPODS FROM THE WESTERN-NORTH-ATLANTIC: NOTES ON FIVE SPECIES,
BULL. MAR. SCI., GULF AND CARIBBEAN, V. 13, NO. 4, 1963: 493-501.

452 GRICE, GEORGE D.
THE EXISTANCE OF A BOTTOM-LIVING CALANOID COPEPOD-FAUNA IN DEEP-WATER WITH DESCRIPTIONS OF OF FIVE NEW SPECIES,
CRUSTACEANA, V. 23, PART 3, 1972: 219-242.
CHAPTER 7.2.

453 GRIGGS, G.B.
CAREY, A.G., JR.
KULM, L.D.
DEEP-SEA SEDIMENTATION AND SEDIMENT-FAUNA-INTERACTION IN CASCADIA-CHANNEL AND ON CASCADIA ABYSSAL-PLAIN,
DEEP-SEA RES., 16, 1969: 157-170.
CHAPTER 7.3.

454 GRISCOM, C.A.
SOMMERS, W.T.
TIDAL CURRENTS AND COASTAL DRIFT IN THE VICINITY OF THE HEAD OF HUDSON-CANYON.
A.I.A.A. PAP. 69-411, 1969. 12 P.

455 GROSS, A.O.
CHANGES OF CERTAIN SEABIRD-POPULATIONS ALONG THE NEW-ENGLAND COAST OF NORTH AMERICA.
ACTS 11TH CONGR. INT. ORNITHOL., 1954: 446-449.
CHAPTER 7.5.

456 GROSSLEIN, M.D.
BOWMAN, E.W.
MIXTURE OF SPECIES IN SUBAREAS-5-AND-6.
INT. COMM. NW ATL. FISH., REDBOOK, PART III SELECTED PAPERS. DEC. 1973: 143-208.

457 GROSSLEIN, M.D.
SAUSKAN, V.I.
USA-USSR COOPERATIVE GROUNDFISH-SURVEY, AUTUMN 1968.
INT. COMM. NW ATL. FISH., REDBOOK, 1970, PART III SELECTED PAPERS, NOV. 1970: 159-180.

458 GROSSLEIN, M.D.
BOTTOM TRAWL-SURVEY METHODS OF THE NORTHEAST-FISHERIES-CENTER, WOODS-HOLE, MASS., USA.
INT. COMM. NW ATL. FISH., ANNU. MEET. JUNE 1974.
SER. NO. 3332. ICNAF RES. DOC 74/96.
CHAPTER 7.3.

459 GUICHER, A.
ESTUARIES, DELTAS, SHELF AND SLOPE.
IN: HILL, M.N. (ED.), THE SEA, V. 3. NEW YORK, JOHN WILEY AND SONS. 1963: 620-648.

460 GULLAND, J.A.
DISTRIBUTION AND ABUNDANCE OF WHALES IN RELATION BASIC PRODUCTIVITY.
IN: W.E. SCHEVILL (ED.), THE WHOLE PROBLEM: A STATUS REPORT. HARVARD UNIV. PRESS. 1974.
CHAPTER 7.4.

461 GUNTER, G.
CONTRIBUTIONS TO THE NATURAL-HISTORY OF THE BOTTLENOSE DOLPHIN, TURSIOPS-TRUNCATUS, (MONTAGUE) ON THE TAXAS-COAST, WITH PARTICULAR REFERENCE TO FOOD-HABITS.
J. MAMMALOGY, V. 23, NO. 3, 1942: 267-276.
CHAPTER 7.4.

462 GUNTER, G.
BLAINVILLE'S BEAKED WHALE, MESOPLODON-DINSIROSTRIS, ON THE TEXAS-COAST.
J. MAMMAL., 36, 1955: 573-574.
CHAPTER 7.4.

463 GUNTER, G.
HURRS, C.L.
BEAL, M.A.
RECORDS OF KOGIA-BREVICEPS FROM TEXAS WITH REMARKS ON MOVEMENT AND DISTRIBUTION.
J. MAMMAL., 36, 1955: 263-270.
CHAPTER 7.4.

464 HACHEY, H.B.
NORTH-ATLANTIC CYCLONES AND COASTAL-WATERS.
PROGR. REP. ATL. BIOL. STA., NO. 11, 1934: 6-9.

465 HACHEY, H.B.
EXCEPTIONAL TEMPERATURES OF CENTRAL ATLANTIC WATER.
SCIENCE, V. 87, NO. 2253, 1938: 219-220.

466 HACHEY, H.B.
HERMAN, F.
BAILEY, W.G.
THE WATERS OF THE ICNAF CONVENTION AREA.
ANNU. PROC. INT. COMM. NW ATL. FISH., V., PT. 4, 1954: 67-102.
CHAPTER 7.4.

467 HACHEY, H.B.
LAUZIER, L.M.
BAILEY, W.B.
OCEANOGRAPHIC-FEATURES OF SUBMARINE-TOPOGRAPHY.
TRANS. ROY. SOC. CAN., SER. 3, NO. 50, 1957: 67-81.

468 HACHEY, H.B.
WATER-REPLACEMENTS AND THEIR SIGNIFICANCE TO A FISHERY.
DEEP SEA RES. SUPPL. TO V. 3 1955: 68-73.
CHAPTER 4.

469 HADLEY, J.B.
DEVINE, J.F.
SEISMOTECTONIC-MAP OF THE EASTERN UNITED-STATES.
U.S. GEOL. SURV. MAP MF-620, 3 SHEETS AND TEXT, 1974.
CHAPTER 5.

470 MAEDRICH, RICHARD L.
HORN, M.H.
A KEY TO THE STROMATEOID FISHES.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-15. NAT. SCI. FOUND. GRANT. 2D ED.. MAR. 1972. 46 P.

471 MAEDRICH, RICHARD L.
THE STROMATEOID FISHES: SYSTEMATICS AND A CLASSIFICATION.
BULL. MUS. COMP. ZOOL.. HARVARD UNIV.. V. 135. NO. 2. 1967: 31-139.

472 MAEDRICH, RICHARD L.
CRADDOCK, J.E.
DISTRIBUTION AND BIOLOGY OF THE OPISTHOPROCTID FISH, WINTERIA-TELESCOPA BRAUER 1901.
BREVIORA. MUS. COMP. ZOOL.. NO. 294. 1968: 1-11.

473 MAEDRICH, RICHARD L.
THE STROMATEOID FISH GENUS ICICHTHYS: NOTES AND A NEW SPECIES.
VIDENSK. MEDD. DANSK NATURH. FOREN.. V. 129. 1966: 199-213.

474 MAEDRICH, RICHARD L.
HORN, M.H.
THE MONID FISH, HALARGYREUS-JOHNSONII, FROM THE NEW-YORK-BIGHT.
J. FISH. RES. BD. CAN.. 27. 1970: 391-393.

475 MAEDRICH, RICHARD L.
MIDWATER FISHES FROM A WARM-CORE EDDY.
DEEP-SEA RES.. V. 19. NO. 12. 1972: 903-906.
CHAPTER 7.4.

476 MAEDRICH, RICHARD L.
CERVIGON, FERNANDO.
DISTRIBUTION OF THE CENTROLOPHID FISH, SCHEDOPHILUS-PEMARCO, WITH NOTES ON ITS BIOLOGY.
BREVIORA, NO. 340. 1969: 1-9.

477 MAEDRICH, RICHARD L.
ROWE, GILBERT T.
POLLONI, P.T.
ZONATION AND FAUNAL-COMPOSITION OF EPIBENTHIC-POPULATIONS ON THE CONTINENTAL-SLOPE SOUTH OF NEW-ENGLAND.
J. MAR. RES.. V. 33. NO. 2. 1975: 191-212.
CHAPTER 8. 7.3.

478 MAEDRICH, RICHARD L.
PELAGIC-CAPTURE OF THE EPIBENTHIC RATTAIL, CORYPHAENOIDES-RUPESTRIS.
DEEP-SEA RES.. V. 21. 1974: 977-979.
CHAPTER 7.3.

479 MAEDRICH, RICHARD L.
POLLONI, P.T.
RARELY SEEN FISHES CAPTURED IN HUDSON SUBMARINE-CANYON.
J. FISH. RES. BD. CAN.. V. 31. 1974: 231-234.

480 MAEDRICH, RICHARD L.
HENDERSON, N. R.
PELAGIC FOOD OF CORYPHAENOIDES-ARMATUS, A DEEP BENTHIC RATTAIL.
DEEP-SEA RES.. V. 21. 1974: 739-744.
CHAPTER 7.3.

481 MAEFNER, PAUL A.. JR.
MUSICK, J.A.
OBSERVATIONS ON DISTRIBUTION AND ABUNDANCE OF RED-CRABS IN NORFOLK-CANYON AND ADJACENT CONTINENTAL-SLOPE.
MAR. FISH. REV.. V. 36. NO. 1. 1974: 31-34.
CHAPTER 7.3.

482 MAEFNER, PAUL A.. JR.
THE SEASONAL DISTRIBUTION, REPRODUCTION, AND MOLTING IN THE ROCK CRAB, CANCER-IRRORATUS SAY, IN THE MID-ATLANTIC BIGHT.
GLOUCESTER POINT, VA.. VA. INST. MAR. SCI.. (SUBMITTED TO J. NATUR. HIST.) 1975.

483 MAEFNER, PAUL A.. JR.
SQUID: SOFT-BODIES HAWKS OF THE SEA.
ESTUARINE BULL.. V. 4. NO. 3. 1959: 3-5.
CHAPTER 7.4.

484 MALES, A.L.
EASTERN CONTINENTAL-MARGIN OF THE UNITED-STATES: PART 2, A REVIEW.
IN: THE SEA: WILEY-INTERSCIENCE. N.Y.. V. 4. PART 2-3. 1970: 311-320.

485 MALLAM, A.
MESOZOIC ZOOLOGY AND THE OPENING OF THE NORTH-ATLANTIC.
J. GEOL.. V. 79. 1971: 129-147.
CHAPTER 5.

486 HALLIDAY, R.G.
GROWTH AND VERTICAL-DISTRIBUTION OF THE GLACIER LANTERNFISH, BENTHOSEMA-GLACIALE, IN THE NORTHWESTERN-ATLANTIC.
J. FISH. RES. BD. CAN., 27, 1970: 105-116.
CHAPTER 7.4.

487 HAMMOND, DONALD L.
CUPKA, DAVID M.
A SPORTSMAN'S FIELD GUIDE TO THE BILLFISHES, MACKERALS, LITTLE TUNAS, AND TUNAS OF SOUTH-CAROLINA.
CHARLESTON, S.C., S.C. WILDLIFE AND MAR. RESOUR. DEP., MAR. RESOUR. DIV., EDUC. REP. NO. 3, 1975. 32 P.

488 HANCOCK, D.
KILLER WHALES KILL AND EAT A MINKE WHALE.
J. MAMMALOGY, 46, 1965: 341-342.
CHAPTER 7.4.

489 HANDLEY, C. O.
A SYNOPSIS OF THE GENUS KOGIA, PIGMY-SPERM-WHALES.
IN: KENNETH NORRIS (ED.), WHALES, DOLPHINS AND PORPOISES, UNIV. OF CAL. PRESS, 1966, 789 P.
CHAPTER 7.4.

490 HANSEN, D.V.
GULF-STREAM-MEANDERS BETWEEN CAPE-HATTERAS AND THE GRAND-BANKS.
DEEP-SEA RES., V. 17, 1970: 495-511.
CHAPTER 4.

491 HARDY, A.C.
SEAWAYS AND SEA-TRADE.
NEW YORK, D. VAN NOSTRAND CO., INC. 1928.
CHAPTER 11.

492 HARRISON, R.J.
REPRODUCTION AND REPRODUCTIVE-ORGANS.
IN: ANDERSON, H.T. (ED.), THE BIOLOGY OF MARINE MAMMALS, ACADEMIC PRESS, N.Y., PP 253-348, 1969.
CHAPTER 7.4.

493 HARRISON, R.J.
BOICE, P.C.
BROWNELL, R.L., JR.
REPRODUCTION IN WILD AND CAPTIVE DOLPHINS.
NATURE, LONDON 222, 1969: 1143-1147.
CHAPTER 7.4.

494 HARRISON, W.
NORCROSS, J.J.
PORE, N.A.
STANLEY, E.M.
CIRCULATION OF SHELF-WATERS OFF CHESAPEAKE-RIGHT, SURFACE AND BOTTOM DRIFT OF CONTINENTAL-SHELF WATERS BETWEEN CAPE-HENLOPEN, DELAWARE AND CAPE-HATTERAS, NORTH-CAROLINA, JUNE 1963 - DECEMBER, 1964.
ESSA PROF. PAP. 3, 1967. A2 P.

495 HARRISON, W.
PORE, N.A.
AN APPROACH TO CORRELATION AND PREDICTION IN THE WIND-RUNOFF-DRIFT-SYSTEM: CIRCULATION OF SHELF-WATERS OFF CHESAPEAKE-RIGHT
PROF. PAP. ESSA, V. 3, NO. 3, 1967: 63-79.

496 HARTMAN, O.
DEEP-WATER BENTHIC POLYCHAETOUS-ANNELIDS OFF NEW-ENGLAND TO BERMUDA AND OTHER NORTH-ATLANTIC AREAS.
ALLAN HANCOCK FOUND. PUBL. OCCAS. PAP., 28, 1965: 1-378.
CHAPTER 7.3.

497 HARVEY, GEORGE R.
NIKLAS, HELEN P.
BOWEN, VAUGHN T.
STEINHAUER, WILLIAM G.
OBSERVATIONS ON THE DISTRIBUTION OF CHLORINATED-HYDROCARBONS IN ATLANTIC OCEAN ORGANISMS.
SEARS FOUNDATION, J. OF MAR. RES., V. 32, NO. 2, MAY 1974: 103-118.
CHAPTER 4.

498 HARVEY, GEORGE R.
BOWEN, VAUGHN T.
BACKUS, RICHARD H.
GRICE, GEORGE D.
CHLORINATED-HYDROCARBONS IN OPEN-OCEAN ATLANTIC ORGANISMS.
IN: THE CHANGING CHEMISTRY OF THE OCEAN, DAVID DYRSSEN AND DANIEL JAGNER, (EDS.), NOBEL SYMP., 20, 1972: 177-186.

498 HARVEY, GEORGE R.
STEINHAUER, WILLIAM G.
TEAL, J.M.
POLYCHLORORIPHENYLS IN NORTH-ATLANTIC OCEAN WATER.
SCIENCE, V. 180, NO. 4086, 1973: 643-644.
CHAPTER 6.

500 HAYWOOD, E.W.
BROOKS, C.F.
MONTHLY SEQUENCE OF SEA-SURFACE TEMPERATURE ON
THE NEW-YORK - SAN-JUAN STEAMSHIP-ROUTE.
TRANS AMER. GEOPHYS. UNION, V. 14, 1933: 173-180.

501 HASSLER, S.S.
GRABER, R.R.
BELLROSE, F.C.
FALL MIGRATION AND WEATHER, A RADAR-STUDY.
WILSON BULL., 75, 1963: 56-77.

502 HATHAWAY, J.C.
CLAY-MINERALS IN SEDIMENTS FROM THE
SUBMARINE-CANYONS OF THE UNITED-STATES EAST COAST.
GEOL. SOC. AMER. BULL., IN PRESS.

503 HATHAWAY, J.C.
DATA-FILE, CONTINENTAL-MARGIN PROGRAM,
ATLANTIC-COAST OF THE UNITED-STATES, V. 1.
SAMPLE-COLLECTION DATA.
WOODS HOLE OCEANOGR. INST. REF. 66-8.
1966. 184 P.

504 HATHAWAY, J.C.
DATA-FILE, CONTINENTAL-MARGIN PROGRAM,
ATLANTIC-COAST OF THE UNITED-STATES, V. 2.
SAMPLE-COLLECTION AND ANALYTICAL-DATA.
WOODS HOLE OCEANOGR. INST. REF. 71-15, 1971, 496 P.
CHAPTER 5.

505 HATHAWAY, J.C.
REGIONAL CLAY-MINERAL-FACIES IN ESTUARIES AND
CONTINENTAL-MARGIN OF THE UNITED-STATES-EAST-COAST.
IN: ENVIRONMENTAL FRAMEWORK OF COASTAL PLACER
ESTUARIES, BRUCE W. NELSON (ED.), MEM. GEOL. SOC.
AMER. NO. 133, 1972: 293-316.
CHAPTER 5.

506 HATHAWAY, J.C.
SAMPLES COLLECTED AND ANALYTICAL DATA.
CONTINENTAL MARGIN PROGRAM, ATLANTIC COAST OF THE
UNITED STATES, VOL. 2, WHOI REF. NO. 71-15, WOODS
HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS.
1971.
CHAPTER 6.

507 HAVENS, J.M.
SHAW, D.M.
LEVINE, J.R.
OFFSHORE WEATHER AND CLIMATE.
IN: SALIA, S.B. (ED.): COASTAL AND OFFSHORE ENVIR.
INVENTORY, CAPE HATTERAS TO NANTUCKET SHOALS.
UNIV. OF R.I., 1973.

508 HAWKINS, L.K.
WRIGHT, R.C.
OCEANOGRAPHIC CRUISE SUMMARY, BLOCK-ISLA
FISHERS-ISLAND ACOUSTIC-RANGE, JULY - AUG 1967.
U.S. NAV. OCEANOGR. OFFICE, INFORMAL REP., IR NO.
6-30, 1969, 10 P.

509 HAYNES, C. VANCE, JR.
FLUTED PROJECTILE-POINTS: THEIR AGE AND DISPERSION.
SCIENCE, V. 145, SEPT. 1964: 1408-1413.

510 HAYNES, EVAN B.
WIGLEY, ROLAND L.
BIOLOGY OF THE NORTHERN SHRIMP, PANDALUS-BOREALIS,
IN THE GULF-OF-MAINE.
TRANS. AMER. FISH. SOC., V. 98, NO. 1,
1969: 60-76.

511 HAZEL, J.E.
PLEISTOCENE OSTRACODE ZOOGEOGRAPHY IN
ATLANTIC-COAST SUBMARINE-CANYONS.
J. PALEONTOL., V. 42, NO. 5, 1968: 1264-1271.

512 HAZEL, J.E.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE
UNITED-STATES - OSTRACODE ZOOGEOGRAPHY IN THE
SOUTHERN NOVA-SCOTIAN AND NORTHERN VIRGINIA
FAUNAL-PROVINCES.
U.S. GEOL. SURV. PROF. PAP. 529-E, 1970, 21 P.

513 HERBERT, P. J.
NORTH ATLANTIC TROPICAL CYCLONES.
MIAMI, FLA., NAT. OCEANIC ATMOS ADMIN., NAT.
HURRICANE CENTER, 1974.

514 HEEZEN, B.C.
DRAKE, C.L.
GRAVITY-TECTONICS, TURBIDITY-CURRENTS AND
GEOSYNCLINAL-ACCUMULATIONS IN THE CONTINENTAL-MARGIN
OF EASTERN NORTH-AMERICA.
HOBART TASMINIA UNIV. SYMP., 1964, P. D1-D10.

515 HEEZEN, B.C.
HOLLISTER, C.D.
DEEP-SEA CURRENT EVIDENCE FROM ABYSSAL-SEDIMENTS.
MAR. GEOL., V. 1, 1964: 141-174.

516 HEEZEN, B.C.
SCHNEIDER, E.D.
THE SHAPING AND SEDIMENT STRATIFICATION OF THE
CONTINENTAL-RISE. ABSTRACT.
WASHINGTON, D.C., MAR. TECH. SOC., NAT. SYMP.,
OCEAN SCIENCES AND ENGINEERING OF THE ATLANTIC
SHELF TRANS., MARCH 19-20, 1968, PHILADELPHIA,
PA., P. 279-280.

517 HEEZEN, B.C.
EWING, MAURICE.
MENZIES, R.J.
THE INFLUENCE OF SUBMARINE TURBIDITY-CURRENTS
ON ABYSSAL-PRODUCTIVITY.
OIKOS, V. 6, 1955: 170-182.

518 HEEZEN, B.C.
JOHNSON, G.L.
HOLLISTER, C.D.
THE NORTHWEST ATLANTIC MID-OCEAN CANYON.
CAN. J. EARTH SCI., V. 6, 1969: 1441-1453.

519 HEEZEN, B.C.
SUBMERGED ANCIENT BEACHES OF THE ATLANTIC.
IN: SEARS, M.E. (ED.), INTERNATIONAL OCEANOGRAPHIC
CONGRESS PREPRINTS, WASHINGTON, D.C., AMER. ASS.
ADVAN. SCI., 1959: 622-623.

520 HEEZEN, B.C.
OUTLINE OF SUBMARINE-TOPOGRAPHY.
IN: SEARS, M.F. (ED.), INTERNATIONAL OCEANOGRAPHIC
CONGRESS PREPRINTS, WASHINGTON, D.C., AMER. ASS.
ADVAN. SCI., 1959: 29-32.

521 HEEZEN, B.C.
CONTINENTAL SLOPE STRUCTURAL-BENCHES.
IN: SEARS, M.E. (ED.), INTERNATIONAL OCEANOGRAPHIC
CONGRESS PREPRINTS, WASHINGTON, D.C., AMER. ASS.
ADVAN. SCI., 1959: 618-621.

522 HEEZEN, B.C.
EWING, MAURICE.
ERICSON, D.B.
SUBMARINE-TOPOGRAPHY IN THE NORTH-ATLANTIC.
BULL. GEOL. SOC. AMER., V. 62, NO. 12,
1951: 1407-1409.

523 HEEZEN, B.C.
THARP, M.
EWING, MAURICE.
THE FLOORS-OF-THE-OCEANS, I. THE NORTH-ATLANTIC.
GEOL. SOC. AMER. SPEC. PAP. 65, 1959. 122 P.

524 HEEZEN, B.C.
THE ATLANTIC CONTINENTAL-MARGIN.
UNIV. MISSOURI, ROLLA, MO., NO. 1, 1968: 5-25.

525 HEEZEN, B.C.
HOLLISTER, C.D.
RUDDIMAN, W.F.
SHAPING OF THE CONTINENTAL-RISE BY DEEP GEOSTROPHIC
CONTOUR CURRENTS.
SCIENCE, V. 152, 1966: 502-508.
CHAPTER 4.

526 HEEZEN, B.C.
THE ORIGIN OF SUBMARINE-CANYONS.
SCI. AMER., V. 195, NO. 2, 1956: 36-41.

527 HEEZEN, B.C.
WHALES ENTANGLED IN DEEP-SEA-CABLES.
DEEP SEA RES., 4, 1957: 105-115.
CHAPTER 7.4.

528 HEEZEN, B.C.
HOLLISTER, C.D.
THE FACE OF THE DEEP.
OXFORD UNIVERSITY PRESS, N.Y., 699 PP. 1971.
CHAPTER 4, 7.4, 7.3.

529 HEEZEN, B.C.
EWING, MAURICE.
TURBIDITY-CURRENTS AND SUBMARINE SLUMPS, AND THE 1929 GRAND-BANKS EARTHQUAKE.
AMER. J. SCI., V. 250, 1952: 849-873.
CHAPTER 8.

530 HEIRTZLER, J.R.
HAYES, D.E.
MAGNETIC-BOUNDARIES ON THE NORTH-ATLANTIC OCEAN.
SCIENCE, V. 157, 1967: 185-187.

531 HENDERSON, G.T.D.
JONES, D.M.
ADULT REDFISH IN THE OPEN OCEAN.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 1, DEC. 1964: 107.

532 HEPPNER, F.H.
GOULD, L.L.
BIRDS OF THE ATLANTIC-SEABOARD FROM CAPE-HATTERAS TO CAPE-COD.
IN: COASTAL AND OFFSHORE ENVIRONMENTAL INVENTORY, CAPE HATTERAS TO NANTUCKET SHOALS, UNIV. OF R.I., GRAD. SCH. OCEANOGR. OCCAS. PAP. NO. 5, MAR. EXP. STA. SER. NO. 2, 1973.
CHAPTER 7.5.

533 HERSEY, J.B.
SEDIMENT-PONDING IN THE DEEP-SEA.
GEOL. SOC. AMER. BULL. V. 76, 1965: 1251-1260.

534 HERSEY, J.B.
BACKUS, RICHARD H.
NEW EVIDENCE THAT MIGRATING GAS-BUBBLES, PROBABLY THE SWIM-BLADDERS OF FISH, ARE LARGELY RESPONSIBLE FOR SCATTERING-LAYERS ON THE CONTINENTAL-RISE SOUTH OF NEW-ENGLAND.
DEEP-SEA RES., V. 1, NO. 3, 1954: 190-191.

535 HERSEY, J.B.
BACKUS, RICHARD H.
HELLWIG, JESSICA.
SOUND-SCATTERING-SPECTRA OF DEEP-SCATTERING-LAYERS IN THE WESTERN-NORTH-ATLANTIC-OCEAN.
DEEP-SEA RES., V. 8, NOS 3/4, 1962: 194-210.

536 HERSHKOVITZ, P.
CATALOG OF LIVING WHALES.
SMITHSON. INST., BULL. 246, 1966, 259 P.
CHAPTER 7.4.

537 HESS, WILMOT N.
STANFORD, HAROLD M.
THE MESA - NEW-YORK-BIGHT PROGRAM - NOAA'S COMMITTMENT.
ALSO SPEC. SYMP. ON MIDDLE ATLANTIC CONTINENTAL SHELF AND NEW YORK BIGHT, NEW YORK CITY, NOV. 3-5, 1975.
(ABSTRACT ONLY).
CHAPTER 8.

538 HESSLER, ROBERT R.
SANDERS, H.L.
FAUNAL-DIVERSITY IN THE DEEP-SEA.
DEEP-SEA RES., V. 14, NO. 1, 1967: 65-78.
CHAPTER 7.3.

539 HESSLER, ROBERT R.
SANDERS, H.L.
BATHYAL LEPTOSTRACA FROM THE CONTINENTAL-SLOPE OF THE NORTHEASTERN-UNITED-STATES.
CRUSTACEANA, V. 9, NO. 1, 1965: 71-74.
CHAPTER 7.3.

540 HESSLER, ROBERT R.
SANDERS, H.L.
THE DISCOVERY OF CEPHALOCARIA AT A DEPTH OF 300 METERS.
CRUSTACEANA, V. 7, NO. 1, 1964: 77-78.

541 HESSLER, ROBERT R.
THE DESMOSOMATIDAE (ISOPODA, ASELLOTA) OF THE GAY-HEAD - BERMUDA TRANSECT.
BULL. SCRIPPS INT. OCEANOGR., V. 15, 1970: 1-185.

542 HEYERDAHL, E. G.
GROSSLEIN, M.D.
STATUS OF PRE-RECRUIT ABUNDANCE ESTIMATES FOR MAJOR SPECIES IN SA 5 AND 6.
INT. COMM. NW ATL. FISH. ANNU. MEETING, JUNE 1974.
ICNAF RES. DOC. 74/33.

543 HICKS, S.D.
GOODHEART, A.J.
ISELEY, C.W.
OBSERVATIONS OF THE TIDE ON THE ATLANTIC CONTINENTAL-SHELF.
J. GEOPHYS. RES., V. 70, 1965: 1827-1830.
CHAPTER 4.

544 HILL, NORMAN P.
BIRDS OF CAPE-COD, MASSACHUSETTS.
WILLIAM MORROW AND CO. 364 P. 1949.
CHAPTER 7.5.

545 HODDER, V.M.
INDEX AND LIST OF TITLES ICNAF-PUBLICATIONS, 1950-1974.
DARTMOUTH, N.S., INT. COMM. FOR THE NW ATL. FISH., SPEC. PUBL. NO. 11, 1975.

546 HOESE, H.D.
DOLPHIN FEEDING OUT OF WATER IN A SALT-MARSH.
J. MAMMAL. 52, 1971: 222-223.
CHAPTER 7.4.

547 HOOREN, N.
OCEAN WAVE STATISTICS.
LONDON, ENG., MIN. OF TECHNOL., NAT. PHYS. LAB., 1967.

548 HOLCOMBE, T.L.
HEEZEN, B.C.
PATTERNS OF RELATIVE RELIEF, SLOPE, AND TOPOGRAPHIC-TEXTURE IN THE NORTH-ATLANTIC OCEAN.
LAMONT-DOHERTY GEOL. OBSERV. TECH. REP. NO. 8, 1970. 115 P.

549 HOLLISTER, C.D.
SEDIMENT DISTRIBUTION AND DEEP CIRCULATION IN THE WESTERN-NORTH-ATLANTIC.
PH.D. DISS., COLUMBIA UNIV., 1967. 447 P.

550 HOLLISTER, C.D.
HEEZEN, B.C.
GEOLOGIC EFFECTS OF OCEAN-BOTTOM CURRENTS: WESTERN-NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-60. IN: STUDIES IN PHYSICAL OCEANOGRAPHY, A.L. GORDON (ED.). GORDON & BREACH, 1971. PAP. 14, 1972: 37-66.
CHAPTER 4.

551 HOLLISTER, C.D.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES - TEXTURE OF SURFACE SEDIMENTS: NEW JERSEY TO SOUTHERN FLORIDA.
U.S. GEOL. SURV. PROF. PAP. 529-M, 1973.

552 HOLLMAN, R.
A GULF-STREAM STUDY.
GEOPHYS. SCI. LAB. REP. NO. 66-14, N.Y. UNIV., 1966. 47 P.

553 HOLM-HANSEN, O.
DETERMINATION OF MICROBIAL-BIOMASS IN DEEP-OCEAN-PROFILES.
IN: FERTILITY OF THE SEA, J.D. COSTLOW, JR., (ED.) GORDON AND BREACH, 1971. PP. 197-207.
CHAPTER 7.3.

554 HOLME, N.A.
MCINTYRE, A.D.
METHODS FOR THE STUDY OF MARINE BENTHOS.
IBP HANDBOOK NO. 16. BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, 1971. 334 PP.
CHAPTER 7.3.

555 HOLMSEN, A.A.
THE COMMERCIAL-POTENTIAL OF THE DEEP-SEA RED CRAB.
OCCAS. PAP. UNIV. R.I. V. 68, NO. 138, 1968: 1-17.
CHAPTER 7.3.

556 HOLMSEN, A.A.
MCALLISTER, M.
TECHNOLOGICAL AND ECONOMIC ASPECTS OF RED CRAB HARVESTING AND PROCESSING.
UNIV. R.I. MAR. TECH. REPT. NO. 29, 1974. 35 P.
CHAPTER 7.3.

557 HOOD, D.W.
STEVENSON, B.
JEFFREY, L.M.
DEEP-SEA DISPOSAL OF INDUSTRIAL-WASTES.
IND. ENG. CHEM., V. 50, NO. 6, 1958: 885-888.

558 HOPKINS, W.J.
SHE BLOWS AND SPARM AT THAT.
RIVERSIDE BOOKSHELF SERIES.
HOUGHTON MIFFLIN CO., BOSTON, 1922.
CHAPTER 7.4.

559 HORN, D.R.
EWING, MAURICE.
HORN, B.M.
DELACH, M.N.
A PREDICTION OF SONIC-PROPERTIES OF DEEP-SEA CORES, HATTERAS ABYSSAL-PLAIN AND ENVIRONS.
LAMONT-DOHERTY GEOL. OBSERV. TECH. REP. 1, 1969. 24 P.

560 HORN, D.R.
EWING, MAURICE.
HORN, M.M.
DELACH, M.N.
TURBIDITIES OF THE HATTERAS AND SOHM
ABYSSAL-PLAINS, WESTERN-NORTH-ATLANTIC.
MAR. GEOL., V. 11, 1971: 287-323.

561 HORNE, P.
INSIDE-II.
EPIC RECORDING NO. ED 3'600, 1973.
CHAPTER 7.4.

562 HOSKINS, HARTLEY.
SEISMIC-REFLECTION OBSERVATIONS ON THE
ATLANTIC CONTINENTAL-SHELF, SLOPE, AND RISE
SOUTHEAST OF NEW-ENGLAND.
WOODS HOL OCEANOGR. INST. REF. NO. 67-76.
J. GEOL., V. 75, NO. 5, SEP. 1967: 598-611.

563 HOUTZ, R.E.
EWING, J.I.
SEDIMENTARY-VELOCITIES OF THE WESTERN-NORTH-ATLANTIC.
SEISMOL. SOC. AMER. BULL., V. 54, 1964: 867-895.

564 HOVANESS, A.
AND GOD CREATED GREAT WHALES, PLAYED BY A. KOSTELANITZ
AND ORCHESTRA.
COLUMBIA STEREO RECORDING M30390, 1970.
CHAPTER 7.4.

565 HOWE, M.R.
SOME DIRECT MEASUREMENTS OF THE NON-TIDAL DRIFT ON
THE CONTINENTAL-SHELF BETWEEN CAPE-COD AND
CAPE-HATTERAS.
DEEP-SEA RES., 9, 1962: 445-455.
CHAPTER 4.

566 HOWELL, B.F., JR.
EARTHQUAKE-HAZARD IN THE EASTERN UNITED-STATES.
PA. STATE COLLEGE OF EARTH AND MINERAL SCI.,
UNIV. PARK, PA., V. 42, NO. 6, 1973: 41-45.
CHAPTER 5.

568 HUBERT, J.F.
NEAL, W.J.
MINERAL-COMPOSITION AND DISPERSAL-PATTERNS OF
DEEP-SEA SANDS IN THE WESTERN-ATLANTIC
PETROLOGIC-PROVINCE.
GEOL. SOC. AMER. BULL., V. 78, 1967: 749-772.

569 HUBERT, J.F.
DISPERSAL-PATTERNS OF PLEISTOCENE SANDS ON THE
NORTH-ATLANTIC DEEP-SEA-FLOOR.
SCIENCE, V. 156, NO. 3514, 1967: 383-384.

570 HUGHES, J.
MATTHIESSEN, G.
OBSERVATIONS ON THE BIOLOGY OF THE AMERICAN LOBSTER,
HOMARUS-AMERICANUS.
LIMNOL. OCEANOGR., 7, 1962: 414-421.
CHAPTER 7.3.

571 HULBURT, EDWARD M.
ROOMAN, JANET
DISTRIBUTION OF PHYTOPLANKTON SPECIES WITH
RESPECT TO SALINITY BETWEEN THE COAST OF
SOUTHERN NEW-ENGLAND AND BERMUDA.
LIMNOL. AND OCEANOGR., 8, 1963: 243-269.
CHAPTER 7.1.

572 HULBURT, EDWARD M.
COMPETITION FOR NUTRIENTS BY MARINE PHYTOPLANKTON
IN OCEANIC, COASTAL, AND ESTUARINE REGIONS.
ECOLOGY, V. 51, NO. 3, SPRING, 1970: 475-484.
CHAPTER 7.1.

573 HULBURT, EDWARD M.
THE DIVERSITY OF PHYTOPLANKTONIC-POPULATIONS IN
OCEANIC, COASTAL, AND ESTUARINE REGIONS.
J. MAR. RES., V. 21, NO. 2, 1963: 81-93.
CHAPTER 7.1.

574 HULBURT, EDWARD M.
A NOTE ON THE HORIZONTAL DISTRIBUTION OF
PHYTOPLANKTON IN THE OPEN OCEAN.
DEEP-SEA RES., V. 9, NO. 1, 1962: 72-74.

575 HULBURT, EDWARD M.
SUCCESSION AND DIVERSITY IN THE PLANKTON-FLORA OF
WESTERN-NORTH-ATLANTIC.
BULL. MAR. SCI. GULF AND CARIBBEAN, V. 14, NO. 1,
1964: 33-34.
CHAPTER 7.1.

576 HULBURT, EDWARD M.
THE DISTRIBUTION OF PHYTOPLANKTON AND ITS
RELATIONSHIP TO HYDROGRAPHY BETWEEN SOUTHERN
NEW-ENGLAND AND VENEZUALA.
SEARS FOUND. J. MAR. RES., V. 24, NO. 1, 1966: 67-81.
CHAPTER 7.1.

577 HULBURT, EDWARD M.
A NOTE ON REGIONAL DIFFERENCES IN PHYTOPLANKTON DURING A CROSSING OF THE SOUTHERN NORTH ATLANTIC OCEAN.
DEEP-SEA RES., V. 14, NO. 6, 1967: 685-690.
CHAPTER 7.1.

578 HULBURT, EDWARD M.
MACKENZIE, R.S.
DISTRIBUTION OF PHYTOPLANKTON SPECIES AT THE WESTERN MARGIN OF THE NORTH-ATLANTIC OCEAN.
BULL. MAR. SCI., V. 21, NO. 2, 1971: 603-612.
CHAPTER 7.1.

579 HULBURT, EDWARD M.
RYTHER, J.H.
GUILLARD, R.R.L.
THE PHYTOPLANKTON OF THE SARGASSO-SEA OFF BERMUDA.
J. DU CONSEIL, V. 25, NO. 2, 1960: 119-128.

580 HULBURT, EDWARD M.
NECESSARY AND SUFFICIENT CONDITIONS FOR PHYTOPLANKTON CHANGES IN THE VICINITY OF THE GRAND-BANKS.
BULL. MAR. SCI., V. 25, NO. 1, 1975: 1-8.
CHAPTER 7.1.

581 HULET, W.H.
STRUCTURE AND FUNCTIONAL DEVELOPMENT OF THE EEL-LEPTOCEPHALOUS (PISCES, ANGUILLIFORMES).
PH.D. DISS., 1972, UNIV. OF MIAMI.
CHAPTER 7.4.

582 HULET, W.H.
FISCHER, J.
RIETBROCK, B.J.
ELECTROLYTE COMPOSITION OF ANGUILLIFORM LEPTOCEPHALI FROM THE STRAITS-OF-FLORIDA.
BULL. MAR. SCI., 22, 1972: 432-448.
CHAPTER 7.4.

583 HULSEMANN, J.
THE CONTINENTAL-MARGIN OFF THE ATLANTIC-COAST OF THE UNITED-STATES. CARBONATE IN SEDIMENTS. NOVA-SCOTIA TO HUDSON-CANYON.
SEDIMENTOLOGY, V. 8, 1967: 121-145.
CHAPTER 5.

584 HULSEMANN, J.
MORPHOLOGY AND ORIGINS OF SEDIMENTARY-STRUCTURES ON SUBMARINE-SLOPES.
SCIENCE, 144, 1964: 45-47.

585 HULSEMANN, KUNI.
GRICE, GEORGE D.
A NEW BATHYPELAGIC SPECIES OF BENTHOMISOPHRIA (COPEPOD, MISOPHRIIDAE) FROM THE NORTH-ATLANTIC.
ZOOL. ANZEIGER, V. 173, NO. 4, 1964: 259-264.

586 HULSEMANN, KUNI.
GRICE, GEORGE D.
A NEW GENUS AND SPECIES OF BATHYPELAGIC CALANOID COPEPOD FROM THE NORTH-ATLANTIC.
DEEP-SEA RES., V. , NO. 6, 1963: 729-736.

587 HUTCHINS, L.W.
SCHARFF, M.
MAXIMUM AND MINIMUM MONTHLY MEAN SEA-SURFACE TEMPERATURES CHARTED FROM THE WORLD-ATLAS OF SEA-SURFACE TEMPERATURES.
J. MAR. RES., V. 6, NO. 3, 1947: 264-268.

588 HUTCHINS, L.W.
THE BASIS FOR TEMPERATURE-ZONATION IN GEOGRAPHICAL-DISTRIBUTION.
ECOL. MONOGR., V. 17, 1947: 325-335.
CHAPTER 7.3.

589 ICHIYE, TAKASHI.
POWER-SPECTRA TEMPERATURE AND SALINITY FLUCTUATIONS IN THE SLOPE-WATER OFF CAPE-HATTERAS.
PAGEOPH, 96 (1972/IV): 205-216.

590 ICNAF.
MISCELLANEOUS UNPUBLISHED TABULATIONS OF CATCH-STATISTICS IN THE INTERNATIONAL-COMMISSION FOR NORTHEAST ATLANTIC FISHERIES, SUBAREA-5 AND STATISTICAL-AREA-6.
ICNAF, 1975.
CHAPTER 10.

591 IKEDA, I.,
NAGASAKI, F.
IMANAGA, H.
STOCK-ASSESSMENT OF COMMON AMERICAN SQUID IN ICNAF-SUBAREA-5 AND STATISTICAL-AREA-6.
INT. COMM. NW ATL. FISH., REDBOOK, PART III, SELECTED PAPERS, DEC. 1973: 149-192.

592 INGHAM, M.C.
VARIATIONS IN THE SHELF-WATER-FRONT OFF THE ATLANTIC-COAST BETWEEN CAPE-HATTERAS AND GEORGES-BANK.
PREPARED FOR NAT. MAR. FISH. SERV. 1974 REPORT ON THE STATUS OF THE ENVIRONMENT.
CHAPTER 4.

593 INT. UNION CONSERVATION OF NATURE & NATUR. RESOUR.
RED DATA BOOK, V. 1. MAMMALIA.
IUCN (INT. UNION FOR THE CONSERVATION OF NATURE AND NATURAL RESOURCES) MORGES, SWITZERLAND. 1972.
CHAPTER 7.4.

594 INTERNATIONAL DECADE OF OCEAN EXPLORATION.
PROGRAMS IN SHELF-DYNAMICS.
REPORT ON THE CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES. ANNAPOLIS, MARYLAND 3 THROUGH 6. APRIL. 1974.

595 ISAACS, J.D.
REMARKS ON DEEP-SEA RESEARCH.
IN: VON ARX, W.S. (ED.). PROCEEDINGS OF THE SYMPOSIUM ON ASPECTS OF DEEP-SEA RESEARCH. WASHINGTON, D.C.. PUBL. NAT. ACAD. SCI.. NO. 473. 1957: 1-5.

596 ISELIN, C.O'D.
A STUDY OF THE CIRCULATION OF THE WESTERN-NORTH-ATLANTIC.
PAP. PHYS. OCEANOGR.. V. 4. NO. 4. 1936. 101 P.
CHAPTER 7.1. 4. 7.2.

597 ISELIN, C.O'D.
COASTAL CURRENTS AND THE FISHERIES.
DEEP SEA RES SUPPL TO V. 3. 1955: 474-478.
CHAPTER 4.

598 ISELIN, C.O'D.
SOME PHYSICAL-FACTORS WHICH MAY INFLUENCE THE PRODUCTIVITY OF NEW-ENGLAND'S COASTAL WATERS.
J. MAR. RES. V. 2. 1939: 74-85.
CHAPTER 4.

599 ISGUR, BENJAMIN.
RARE AND ENDANGERED PLANTS AND VERTEBRATE-ANIMALS OF MASSACHUSETTS.
MASS. AUDUBON SOC., PUBLIC SERV. INFORM. 1973.
CHAPTER 7.4.

600 JANNASCH, HOLGER W.
EIMHJELLEN, KJELL.
STUDIES OF BIODEGRADATION OF ORGANIC-MATERIALS IN THE DEEP-SEA.
IN: MARINE POLLUTION AND SEA LIFE. M. RUIVO (ED.). FISHING NEWS (BOOKS) LTD.. 1972: 150-152.

601 JANNASCH, HOLGER W.
EIMHJELLEN, KJELL.
WIRSEN, CARL O.
FARMANFARMAIAN, A.
MICROBIAL-DEGRADATION OF ORGANIC-MATTER IN THE DEEP-SEA.
SCIENCE, V. 171. NO. 3972. 1971: 672-675.
CHAPTER 7.3.

602 JANNASCH, HOLGER W.
WIRSEN, CARL O.
DEEP-SEA MICROORGANISMS: INSITU RESPONSE TO NUTRIENT-ENRICHMENT.
SCIENCE, V. 180. NO. 4086. 1973: 641-643.
CHAPTER 7.3.

603 JENKINS, J.T.
A HISTORY OF THE WHALE-FISHERIES FROM THE BASQUE-FISHERIES OF THE TENTH-CENTURY TO THE HUNTING OF THE FINNER WHALE AT THE PRESENT DATE.
WITHERBY, LONDON, 1921.
CHAPTER 7.4.

604 JENSEN, ALBERT C.
SPORT-FISHERIES AND OFFSHORE OIL.
NEW YORK FISH AND GAME J. 21(2): 105-116. 1974.
CHAPTER 10.

605 JOHNSON, D.W.
THE ORIGIN OF SUBMARINE-CANYONS.
NEW YORK, COLUMBIA UNIV. PRESS. 1939. 126 P.

606 JOHNSON, D.W.
STREAM-SCULPTURE ON THE ATLANTIC SLOPE: A STUDY OF THE EVOLUTION OF APPALACHIAN-RIVERS.
NEW YORK, COLUMBIA UNIV. PRESS. 1931. 142 P.

607 JOHNSON, D.W.
THE NEW-ENGLAND - ACADIAN SHORELINE.
NEW YORK, JOHN WILEY AND SONS. 608 PP. 1925.
CHAPTER 5.

608 JOHNSON, M.W.
SOUND AS A TOOL IN MARINE-ECOLOGY, FROM DATA ON BIOLOGICAL-NOISES AND THE DEEP-SCATTERING-LAYER.
J. MAR. RES., V. 7, NO. 3, 1948: 443-458.

609 JOHNSON, R.G.
VARIATION IN DIVERSITY WITHIN BENTHIC MARINE-COMMUNITIES.
AMER. NATUR., V. 104, 1970: 285-300.

610 JONES, N.S.
SANDERS, H.L.
DISTRIBUTION OF CUMACEA IN THE DEEP-ATLANTIC.
DEEP-SEA RES., V. 19, NO. 10, 1972: 737-745.
CHAPTER 7.3.

611 JONES, N.S.
THE SYSTEMATICS AND DISTRIBUTION OF CUMACEA FROM DEPTHS EXCEEDING 200 METERS.
GALATHEA REP., V. 10, 1969: 99-180.

612 JONSGARD, A.
BIOLOGY OF THE NORTH ATLANTIC FIN WHALE.
BALAENOPTERA-PHYSALUS (L.).
HVALRADETS SKRIFTER, 49, 1966: 1-62.

613 JONSGARD, A.
A NOTE ON THE ATTACKING BEHAVIOR OF THE KILLER WHALE, ORCINUS-ORCA.
NORSK HVALFANGST-TIDENDE, NO. 4, PP 84-85, 1968.
CHAPTER 7.4.

614 JONSGARD, A.
LYSHOEL, P.B.
A CONTRIBUTION TO THE KNOWLEDGE OF THE BIOLOGY OF THE KILLER WHALE, ORCINUS-ORCA L.
NYTT MAGASIN FOR ZOOLOGI 18, 1970: 41-48.
CHAPTER 7.4.

615 JORDAN, G.F.
SUBMARINE-PHYSIOGRAPHY OF THE UNITED-STATES CONTINENTAL-MARGINS.
U.S. DEP. COMMER. GEOD. SURV. TECH. BULL. NO. 18, 1962. 28 P.

616 JOSSELYN, J.
AN ACCOUNT OF TWO VOYAGES TO NEW-ENGLAND.
LONDON: PRINTED FOR GILES WIDDOWS AT THE GREEN DRAGON INST. PAULS CHURCHYARD. 270 & 3 PP. 1674.
CHAPTER 7.4.

617 KAFESCIOGLU, ISMAIL A.
QUANTITATIVE DISTRIBUTION OF FORAMINIFERA ON THE CONTINENTAL-SHELF AND UPPERMOST CONTINENTAL-SLOPE OFF MASSACHUSETTS, UNITED-STATES.
PH.D. THESIS, CASE WESTERN RESERVE UNIV., 1969.

618 KASAMEYER, PAUL W.
VON HERZEN, RICHARD P.
SIMMONS, G.
LAYERS OF HIGH THERMAL-CONDUCTIVITY IN THE NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REP. NO. 72-63.
J. GEOPHYS. RES., V. 77, NO. 17, JUNE, 1972: 3162-3167.

619 KASUYA, T.
OMSUMI, S.
A SECONDARY-SEXUAL-CHARACTER OF THE SPERM WHALE.
SCI. REP. WHALES RES. INST., TOKYO 20, 1968: 89-94.
CHAPTER 7.4.

620 KATONA, S.K.
KRAUS, S.
SAVAGE, S.
(IN PREPARATION). CETACEANS OBSERVED FROM MT.-DESERT-ROCK LIGHTSTATION, GULF-OF-MAINE.
MANUSCRIPT IN PREPARATION.
CHAPTER 7.4.

621 KAY, MARSHALL, (ED.)
GEOLOGY AND CONTINENTAL-DRIFT, NORTH-ATLANTIC.
AMER. ASS. PETROL. GEOL. MEM. 12, 1969. 1082 P.

622 KEEN, M.J.
POSSIBLE EDGE-EFFECT TO EXPLAIN MAGNETIC-ANOMALIES OFF THE EASTERN-SEABOARD OF THE US.
NATUR., V. 222, 1969: 72-74.
CHAPTER 5.

623 KELLER, GEORGE H.
LAMBERT, DOUGLAS.
ROWE, GILBERT T.
STANESINIC, NICHOLAS.
BOTTOM CURRENTS IN THE HUDSON-CANYON.
SCIENCE, APRIL, 1973: 181-183.
CHAPTER 4, 4, 6, 5.

624 KELLER, GEORGE H.
SEDIMENTARY-PROCESSES IN SUBMARINE-CANYONS OFF NORTHEASTERN UNITED-STATES.
IX ME. CONGR. INT. DE SEDIMENT., NICE, 1975.

625 KELLING, GILBERT.
STANLEY, D.J.
MORPHOLOGY AND STRUCTURE OF WILMINGTON AND BALTIMORE SUBMARINE-CANYONS, EASTERN UNITED-STATES.
J. OF GEOL., V. 78, NO. 4, 1970: 467-486.
CHAPTER 8, 5.

626 KELLING, GILBERT.
SHENG, HARRISON.
STANLEY, D.J.
MINERALOGIC-COMPOSITION OF SAND-SIZED SEDIMENT ON THE OUTER MARGIN OFF THE MID-ATLANTIC STATES: ASSESSMENT OF THE INFLUENCE OF THE ANCESTRAL HUDSON AND OTHER FLUVIAL-SYSTEMS.
GEOL. SOC. AMER. BULL., V. 86, 1975: 853-862.

627 KELLOGG, R.
WHAT IS KNOWN OF THE MIGRATIONS OF SOME OF THE WHALEBONE WHALES.
SMITHSON. REP. FOR 1928, PUBL. NO. 2981, PP 467-494, 1929.
CHAPTER 7.4.

628 KELLOGG, R.
WHALES, GIANTS OF THE SEA.
NAT. GEOGR. 77, 1940: 35-90.
CHAPTER 7.4.

629 KESTER, D.R.
COURANT, R.A.
A SUMMARY OF CHEMICAL-OCEANOGRAPHIC-CONDITIONS: CAPE-HATTERAS TO NANTUCKET-SHOALS.
IN: COASTAL AND OFFSHORE INVENTORY: CAPE HATTERAS TO NANTUCKET-SHOALS, MAR. EXP. STA., GRAD. SCH. OCEANOGR. UNIV. OF R.I., MAR. PUBL. SER. 2-I 2-34, 1973.

630 KETCHUM, B.H.
MARINE POLLUTION PROBLEMS IN THE NORTH-ATLANTIC AREA.
TECH. REP. TAFT SANIT. ENG. CENTER, W60-3, 1960: 212-217.

631 KETCHUM, B.H.
CORWIN, N.
THE PERSISTENCE OF WINTER-WATER ON THE CONTINENTAL-SHELF SOUTH OF LONG-ISLAND, NEW-YORK.
LIMNOL. AND OCEANOGR., 9, 1964: 467-475.
CHAPTER 4.

632 KETCHUM, B.H.
CORWIN, N.
KEEN, D.J.
THE SIGNIFICANCE OF ORGANIC-PHOSPHORUS DETERMINATIONS IN OCEAN-WATERS.
DEEP-SEA RES., V. 2, 1955: 172-181.

633 KETCHUM, B.H.
KEEN, D.J.
THE ACCUMULATION OF RIVER-WATER OVER THE CONTINENTAL-SHELF BETWEEN CAPE-COD AND CHESAPEAKE-BAY.
IN: PAPERS IN MARINE BIOLOGY AND OCEANOGRAPHY, SUPPL. TO V. 3 OF DEEP-SEA RES., 1961: 346-357.

634 KETCHUM, B.H.
RYTHER, J.H.
YENTSCH, C.S.
CORWIN, N.
PRODUCTIVITY IN RELATION TO NUTRIENTS.
RAPP. PROC-VERB. CONS. INT. EXPLOR. MER, 144, 1958: 132-140.
CHAPTER 7.1.

635 KETCHUM, B.H.
RYTHER, J.H.
BIOLOGICAL, CHEMICAL AND RADIOCHEMICAL STUDIES OF MARINE PLANKTON.
WHOI REF. NO. 65-47, WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS, 1965.
CHAPTER 6.

636 KETCHUM, B.H.
VACCARO, RALPH F.
CORWIN, N.
THE ANNUAL CYCLE OF PHOSPHORUS AND NITROGEN IN THE NEW-ENGLAND COASTAL WATERS.
J. MAR. RES., V. 17, 1958: 282-301.
CHAPTER 4.

637 KETCHUM, B.H.
THE PHOSPHORUS-CYCLE AND PRODUCTIVITY OF MARINE PHYTOPLANKTON.
WHOI CONTR. NO. 2144. 1968.
CHAPTER 6.

638 KETCHUM, B.H.
CORWIN, N.
THE CYCLE OF PHOSPHORUS IN A PLANKTON-BLOOM IN THE GULF-OF-MAINE.
LIMNOL. OCEANOGR. 10 (SUPPLEMENT): R148-R161. 1965.
CHAPTER 6.

639 KHEDOURI, E.
SURFACE MANIFESTATION OF THE NORTH-WALL.
MONTHLY SUMMARY, THE GULF STREAM, FEB. 1972.
CHAPTER 4.

640 KIELHORN, WILLIAM VINEYARD.
THE BIOLOGY OF THE SURFACE-ZONE ZOOPLANKTON OF A BOREO-ARCTIC ATLANTIC OCEAN AREA.
PH.D. DISS., UNIV. OF R.I., 1951.

641 KILLWORTH, PETER D.
ON THE CIRCULATION OF A HOMOGENEOUS-OCEAN INDUCED BY THE PRESENCE OF CONTINENTAL-SLOPES.
J. PHYS. OCEANOGR., V. 3, NO. 1, 1973: 3-15.

642 KING, L.H.
ON THE SEDIMENTS AND STRATIGRAPHY OF THE SCOTIAN-SHELF.
IN: E.R.W. NEAL AND H. WILLIAMS, (EDS.),
GEOLOGY OF THE ATLANTIC REGION. GEOL. ASS. CAN. SPEC. PAP. NO. 4. 1967: 71-92.

643 KINNE, O.
MARINE-ECOLOGY.
WILEY-INTERSCIENCE, N.Y., V. 1, PARTS 1-3. 1970.
1774 PP.
CHAPTER 7.3.

644 KLEIN, W. H.
WINSTON, J. S.
GEOGRAPHICAL FREQUENCY OF TROUGHS AND RIDGES ON MEAN 700 MB CHARTS.
MON. WEATHER REV., V. 86, NO. 9, 1958: 344-3 .

645 KNAUSS, J.A.
A NOTE ON THE TRANSPORT OF THE GULF-STREAM.
DEEP SEA RES., V. 16, SUPPL. (FUGLISTER V.): P. 117-123. 1969.
CHAPTER 4.

647 KNOTT, S.T.
CARTER, J.C.
BROWN, J.A.
TRACK-CHARTS, BATHYMETRY, MAGNETICS, AND LOCATION OF OBSERVATION, RV-CHAIN-CRUISE NO. 70, 12 JULY - 2 AUGUST 1967, RV-CHAIN-CRUISE NO 73, 6-26 SEPTEMBER 1967, NORTH ATLANTIC OCEAN FROM LAURENTIAN-CHANNEL TO CAPE-HATTERAS, SUMMARY CRUISE REPORT.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-50, NAT. SCI. FOUND. GRANT, JULY 1968.

648 KNOTT, S.T.
HOSKINS, HARTLEY.
EVIDENCE OF PLEISTOCENE-EVENTS IN THE STRUCTURE OF THE CONTINENTAL-SHELF OFF THE NORTHEASTERN UNITED-STATES.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-37, MAR. GEOL., 6, 1968: 5-43.
CHAPTER 5.

649 KOMAR, P.D.
THE COMPETENCE OF TURBIDITY-CURRENT FLOW.
GEOL. SOC. AMER. BULL., V. 81, 1970: 1555-1562.
CHAPTER 5.

650 KOVALYOV, S.M.
KUDRIN, B.D.
SOVIET-INVESTIGATIONS ON CAPELIN IN THE NORTHWEST-ATLANTIC.
INT. COMM. NW ATL. FISH., REDBOOK, PART III, SELECTED PAPERS, DEC. 1973: 121-126.

651 KRAFT, JOHN C.
SHERIDAN, ROBERT E.
MAISANO, MARILYN,
TIME-STRATIGRAPHIC-UNITS AND PETROLEUM-ENTRAPMENT-MODELS IN BALTIMORE-CANYON-BASIN OF ATLANTIC CONTINENTAL-MARGIN GEOSYNCLINES.
AMER. ASS. PETROL. GEOL., V. 49, NO. 9, 1971: 658-679.

652 KRITZLER, H.
THE PILOT WHALE AT MARINELAND.
NATUR. HIST., 58, 1949: 302-308, 331-332.
CHAPTER 7.4.

653 KROLL, JOHN.
COMPARISON OF THE EFFECT OF BAROTROPIC
TOPOGRAPHICAL ROSSBY-WAVES PRODUCED ON THE SHELF
AND OFF THE SHELF: ABSTRACT.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY
OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD.
3 THROUGH 6 APRIL, 1974.

654 KRUEGER, W.H.
KEEN, M.J.
KELLER, AIMEE, A.
MIDWATER FISHES OF THE DEEP-WATER DUMPSITE.
FINAL REP. TO NAT. OCEANIC & ATMOS. ADMIN.,
JANUARY 1975, 38 P.
CHAPTER 7.4.

655 KRUEGER, W.H.
BIOLOGICAL STUDIES OF THE BERMUDA-OCEAN-ACRE, IV:
LIFE-HISTORY, VERTICAL-DISTRIBUTION AND
SOUND-SCATTERING IN THE GONOSTOMATID FISH,
VALENCIENNELLUS-TRIPUNCTULATUS (ESMARK).
REP. TO U.S. NAVY UNDERWATER SYST. CENTER SMITHSON.
INST., 1972.
CHAPTER 7.4.

657 KUENEN, PH. H.
MIGLIORINI, C.I.
TURBIDITY-CURRENTS AS A CAUSE OF GRADED-BEDDING.
J. GEOL., V. 58, 1950: 91-127.
CHAPTER 8.

658 KUPFERMAN, STUART.
FEELY, HERBERT.
THE USE OF TRACERS TO INVESTIGATE RESIDENCE-TIMES
OF THE NORTHEAST SHELF AND-SLOPE WATERS: ABSTRACT.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY
OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD.
3 THROUGH 6 APRIL, 1974.
CHAPTER 4.

659 KURAK, S.
OPERATION-CHASE.
U.S. NAVAL INST. PROCEED., V. 93, NO. 9, 1967: 40-46.
CHAPTER 11.

660 LAEVASTU, T.
RABE, K.
HARDING, J.
LARSON, S.
OCEAN-ATMOSPHERE INTERACTIONS IN THE AREA OF
MIDDLE-ATLANTIC CONTINENTAL-SHELF AND NEW-YORK-BIGHT.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC
CONTINENTAL SHELF AND NEW YORK BIGHT, NEW YORK CITY.
ABSTRACT ONLY, NOV. 3-5, 1975.
CHAPTER 4.

661 LAIRD, CHAE E.
HAEFNER, PAUL A., JR.
EFFECTS OF INTRINSIC AND ENVIRONMENTAL FACTORS ON
THE OXYGEN CONSUMPTION OF THE BLUE CRAB,
CALLINECTES-SAPIDUS RATHBURN.
GLOUCESTER POINT, VA., VA. INST. MAR. SCI., THESIS.
1973.

662 LAMBERT, R.B., JR.
SMALL-SCALE DISSOLVED-OXYGEN VARIATIONS AND THE
DYNAMICS OF GULF-STREAM-EDDIES.
DEEP SEA RES., V. 21, 1974: 529-544.
CHAPTER 4.

663 LANCELOT, YVES.
HATHAWAY, J.C.
HOLLISTER, C.D.
LITHOLOGY OF SEDIMENTS FROM THE WESTERN-NORTH-ATLANTIC
LEG-11 DEEP-SEA DRILLING PROJECT.
INITIAL REPS. DEEP SEA DRILLING PROJECT, V. 11,
1972: 901-949.

664 LAPEDES, D. (ED.).
MCGRAW-HILL-DICTIONARY OF SCIENTIFIC-AND-TECHNICAL-TERMS.
NEW YORK, MCGRAW-HILL BOOK CO., 1974.

665 LAROCHE, JOANNE L.
COMPOSITION AND DISTRIBUTION OF ICHTHYO-PLANKTON
COLLECTED DURING THE NATIONAL-MARINE-FISHERIES-SERVICE
FALL GROUNDFISH-SURVEY - 1970, FROM NOVA-SCOTIA
TO CAPE-HATTERAS.
IRA C. DARLING CENTER REP. NO. 73-34, 1973. 110 P.

664 LAUZIER, L.M.
BOTTOM RESIDUAL-DRIFT ON THE CONTINENTAL-SHELF AREA OF THE CANADIAN-ATLANTIC-COAST.
CAN. FISH. RES. BD. J., V. 24, 1967: 1845-1859.

667 LAZELL, JAMES D.
REPTILES AND AMPHIBIANS IN MASSACHUSETTS.
MASS. AUDUBON SOC., LINCOLN, MASS., 1976. 34 P.
CHAPTER 7.4.

668 LAZIER, J.R.N.
THE RENEWAL OF LABORADOR-SEA WATER.
DEEP-SEA RES., V. 20, 1973: 341-353.
CHAPTER 4.

669 LEAR, DONALD W.
PESCH, GERALD G.
EFFECTS OF OCEAN-DISPOSAL ACTIVITIES ON MID-CONTINENTAL-SHELF ENVIRONMENT OFF DELAWARE AND MARYLAND.
ENVIRON. PROT. AGENCY, REGION III, PHILADELPHIA, PA. JANUARY 1975. EPA 903/9-75-015.

670 LEAR, DONALD W.
SMITH, SUSAN K.
O'MALLEY, MARIA L.
ENVIRONMENTAL-SURVEY OF TWO INTERIM DUMPSITES: MIDDLE-ATLANTIC-BIGHT, OPERATION "FETCH" CRUISE REPORT 5-10 NOVEMBER 1973.
ENVIRON. PROT. AGENCY, REGION III, PHILADELPHIA, PA. JAN. 1974.

671 LEAR, W.H.
FOOD AND FEEDING OF ATLANTIC SALMON IN COASTAL AREAS AND OVER OCEANIC-DEPTHS.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 9, DEC. 1972: 27-40.

672 LEAR, W.H.
CHRISTENSEN, O.
BYCATCHES OF HARBOR PORPOISE, PHOCOENA-PHOCOENA, IN SALMON-DRIFT-NETS AT WEST GREENLAND IN 1972.
INT. WHALING COMM., SUB-COMMITTEE ON SMALL CETACEA OF THE SCIENTIFIC COMMITTEE, MONTREAL, APR. 1-12, 1974.
CHAPTER 7.4.

673 LEAVITT, R.B.
THE QUANTITATIVE VERTICAL-DISTRIBUTION OF MACROZOOPLANKTON IN THE ATLANTIC-OCEAN-BASIN.
BIOL. BULL., V. 74, 1938: 376-394.
CHAPTER 7.2.

674 LEAVITT, R.R.
A QUANTITATIVE STUDY OF THE VERTICAL-DISTRIBUTION OF THE LARGER ZOOPLANKTON IN DEEP-WATER.
BIOL. BULL., V. 68, 1935: 115-130.
CHAPTER 7.2.

675 LEGECKIS, R.
APPLICATION OF SYNCHONOUS METOROLOGICAL-SATELLITE-DATA TO THE STUDY OF TIME DEPENDENT SEA SURFACE TEMPERATURE CHANGES ALONG THE BOUNDARY OF THE GULF-STREAM.
GEOPHYS. RES. LETT., V. 2, NO. 10, 1975: 1435-14389
CHAPTER 4.

676 LEVENSON, C.
ESTIMATION OF WHALE NUMBERS IN THE NORTH-ATLANTIC.
NAVOCEANO TECH. NOTE NO. 7700-5-72, PP 1-23, 1972.
CHAPTER 7.4.

677 LEWIS, R.O.
A BIBLIOGRAPHY OF THE LOBSTER, GENUS-HOMARUS.
U.S. FISH AND WILDLIFE SERV., SPEC. SCI. REP. FISH. NO. 591, 1970. 48 P.

678 LIGHT, MELVIN.
HENDERSON SCOTT J.
OCEANOGRAPHY IN THE GULF-OF-MAINE AND ADJACENT WATERS IN SUPPORT OF THE INTERNATIONAL-COMMISSION FOR NORTHWEST ATLANTIC-FISHERIES.
JANUARY 1968: FEBRUARY 1969.
U.S. COAST GUARD OCEANOGR. UNIT, OCEANOGR. REP. CG 373-69, AUGUST 1974. 149 P.

679 LILLICK, LOIS C.
PHYTOPLANKTON AND PLANKTONIC PROTOZOA OF THE OFFSHORE-WATERS OF THE GULF-OF-MAINE, PART II, QUALITATIVE COMPOSITION OF THE PLANKTON-FLORA.
TRANS. AMER. PHIL. SOC., V. 31, PART 3, 1940: 169-191.
CHAPTER 7.1.

680 LILLICK, LOIS C.
PRELIMINARY REPORT OF THE PHYTOPLANKTON OF THE GULF-OF-MAINE.
AMER. MIDL. NATUR., V. 20, 1938: 624-640.
CHAPTER 7.1.

681 LILLY, J.C.
MAN AND DOLPHIN.
DOUBLEDAY AND CO., INC., GARDEN CITY, N.Y.,
312 PP, 1961.
CHAPTER 7.4.

682 LILLY, J.C.
THE MIND OF THE DOLPHIN.
DOUBLEDAY AND CO., INC., GARDEN CITY, N.Y.,
310 PP, 1967.
CHAPTER 7.4.

683 LINBAUGH, C.
SHEPARD, F.P.
SUBMARINE-CANYONS.
IN: HEDGPETH, J.W. (ED.), TREATISE ON MARINE ECOLOGY AND PALEOECOLOGY, I, ECOLOGY, MEM. GEOL. SOC. AMER., NO. 67, 1957: 633-639.
CHAPTER 8, 7.3.

684 LINCOLN, F.C.
THE MIGRATION OF NORTH-AMERICAN BIRDS.
WASHINGTON, D.C., U.S. DEP. AGR. CIRC. NO. 363.
1935.

685 LINDENKOHL, A.K.
GEOLOGY OF THE SEA-BOTTOM IN THE APPROACHES TO NEW-YORK-BAY.
AMER. J. SCI., 3RD. SER., V. 29, 1885: 475-480.
CHAPTER 8.

686 LITTLE, ARTHUR D., INC.
PROSPECTS FOR DEEP - OCEAN-DISPOSAL OF MUNCIPAL-REFUSE: A TECHNICAL LITERATURE-REVIEW, FINAL REPORT TO THE NEW-ENGLAND REGIONAL COMMISSION.
A.D. LITTLE, INC., CAMBRIDGE, MASS. 1973.
CHAPTER 9.

687 LIVINGSTONE, ROBERT, JR.
PRELIMINARY BIBLIOGRAPHY WITH KWIC-INDEX ON THE ECOLOGY OF ESTUARIES AND COASTAL AREAS OF EASTERN U-S.
SPEC. SCI. REPT., FISHERIES NO. 507, U.S. FISH AND WILDLIFE SERVICE, 1965.
CHAPTER 6.

688 LONGHURST, A.R.
A REVIEW OF THE PRESENT SITUATION IN BENTHIC-ECOLOGY.
BULL. INST. OCEANOGR. MONACO, 63, 1964: 1-54.

689 LONSDALE, ADRIAN L.
KAPLAN, H.R.
A GUIDE TO SUNKEN-SHIPS IN AMERICAN-WATERS.
ARLINGTON, V.A., COMPASS PUBL. 1964.
CHAPTER 11.

690 LOWRIE, A.
HEEZEN, B.C.
KNOLL AND SEDIMENT DRIFT NEAR HUDSON-CANYON.
SCIENCE, V. 157, 1967: 1552-1553.

691 LUND, W.A.
A RACIAL-INVESTIGATION OF THE BLUEFISH, POMATOMUS-SALTATRIX, LINNAEUS, OF THE ATLANTIC-COAST OF NORTH-AMERICA.
BIOL. INST. OCEANOGR., V. 1, 1961: 73-129.

692 LUND, W.A.
MALTEZOS, G.S.
MOVEMENTS AND MIGRATIONS OF TAGGED BLUEFISH OFF NEW-YORK AND SOUTHERN NEW-ENGLAND.
TRANS. AMER. FISH. SOC., V. 99, NO. 4, 1970: 719-725.

693 LUX, F.E.
RIKHTER, V.A.
GROSSLEIN, M.D.
USA-USSR OTTER-TRAWL-SURVEY, AUTUMN, 1968.
INT. COMM. NW ATL. FISH., REDBOOK PART III SELECTED PAPERS, NOV. 1969: 144.

694 LUX, F.E.
HANDWORK, W. D.
RATHJEN, ANDREW F.
THE POTENTIAL FOR AN OFFSHORE SQUID FISHERY IN NEW-ENGLAND.
MAR. FISH. REV. V. 36, NO. 12, 1974: 24-27.
CHAPTER 10, 7.4.

695 LYALL, ANIL K.
STANLEY, D.J.
GILES, HARRY N.
FISHER, ALVAN., JR.
SUSPENDED SEDIMENT AND TRANSPORT AT THE SHELF-BREAK AND ON THE SLOPE: WILMINGTON-CANYON AREA, EASTERN U.S.A.
MAR. TECHNOL. SOC. J., V. 5, NO. 1,
JANUARY-FEBRUARY, 1971: 15-27.
CHAPTER 8.

696 MACARTHUR, R.H.
ON THE RELATIVE ABUNDANCE OF BIRD SPECIES.
PROC. NAT. ACAD. SCI., 43, 1957: 293-295.

697 MACASKIE, I.V.
FORRESTER, C.R.
PACIFIC LEATHERBACK TURTLES, DERMOCHELYS, OFF THE COAST OF BRITISH-COLUMBIA.
COPEIA, NO. 3, 1962: 644.
CHAPTER 7.4.

698 MACILVAINE, J.C.
SEDIMENTARY-PROCESSES ON THE CONTINENTAL-SLOPE OFF NEW-ENGLAND.
UNPUBL. PH.D. THESIS, MASS. INST. TECHNOL. WOODS HOLE OCEANOGR. INST., 1973. 211 P.
CHAPTER 4, 7.3, 5, 8.

699 MACINNIS, J.B.
EXPLORATION OF THE ATLANTIC SHELF BY LOCK-OUT SUBMERSIBLE (ABSTRACT).
PROC. MAR. TECH. SOC. SYMP. OCEAN SCI. ENG. ATL. SHELF, 19-20 MAR., PHILADELPHIA, PA., 1968: 211.

700 MACINTYRE, F.
THE TOP MILLIMETER OF THE OCEAN.
SCI. AMER. V. 230, NO. 5, 1974: 62-74.
CHAPTER 7.4.

701 MACINTYRE, I.G.
MILLIMAN, J.D.
PHYSIOGRAPHIC FEATURES ON THE OUTER SHELF AND UPPER SLOPE, ATLANTIC CONTINENTAL-MARGIN, SOUTHEASTERN UNITED-STATES.
GEOL. SOC. AMER. BULL., V. 81, NO. 9, 1970: 2577-2598.

702 MACKINTOSH, N. A.
THE STOCKS OF WHALES.
FISHING NEWS (BOOKS) LTD., 1965. 232 P.
CHAPTER 7.4.

703 MAHER, J.C.
CORRELATIONS OF SUBSURFACE MESOZOIC AND CENOZOIC ROCKS ALONG THE ATLANTIC COAST.
AMER. ASS. PETROL. GEOL. PUBL., 1965. 18 P.

704 MAIRS, D.F.
SCATTERGOOD, L.W.
RECENT MAINE RECORDS OF THE BOTTLENOSE DOLPHIN AND THE BELUGA.
ME. FIELD NATUR. 14, 1958: 78-80.
CHAPTER 7.4.

705 MAIRS, D.F.
SCATTERGOOD, L.W.
THREE MAINE CETACEAN RECORDS.
ME. FIELD NATUR., V. 15, NO. 4, 1959: 111-113.
CHAPTER 7.4.

706 MALKUS, JOANNE S.
RONNE, CLAUDE.
CHAFFEE, MARGARET.
CLOUD-PATTERNS IN HURRICANE-DAISY, 1958.
TELLUS, V. 13, NO. 1, 1961: 8-30.

707 MALKUS, JOANNE S.
RIEHL, HERBERT.
ON THE DYNAMICS AND ENERGY-TRANSFORMATIONS IN STEADY-STATE HURRICANES.
TELLUS, V. 12, NO. 1, 1960: 1-20.

708 MANGUM, C.P.
TEMPERATURE-SENSITIVITY OF METABOLISM IN OFFSHORE AND INTERTIDAL ONUPHID POLYCHAETES.
MAR. BIOL., 17, 1972: 108-114.
CHAPTER 7.3.

709 MANHEIM, F.T.
EVIDENCE FOR SUBMARINE-DISCHARGE OF WATER ON THE ATLANTIC CONTINENTAL-SLOPE OF THE SOUTHERN UNITED-STATES, AND SUGGESTIONS FOR FURTHER SEARCH.
NEW YORK ACAD. SCI. TRANS., SER. 2, V. 29, 1967: 839-853.

710 MANHEIM, F.T.
HORN, M.H.
COMPOSITION OF DEEPER SUBSURFACE-WATERS ALONG THE ATLANTIC CONTINENTAL-MARGIN.
SOUTHEAST. GEOL., V. 9, NO. 4, 1968: 215-236.

711 MANHEIM, F.T.
SOVIET-BOOKS-AND-PUBLICATIONS ON GEOLOGICAL AND CHEMICAL-OCEANOGRAPHY, HYDROLOGY, AND OTHER SUBJECTS ACQUIRED DURING THE SECOND-INTERNATIONAL-OCEANOGRAPHIC-CONGRESS, MOSCOW, JUNE 1966: TITLES AND SOME TRANSLATED CONTENTS AND NOTES.
WOODS HOLE OCEANOGR. INST. REF. NO. 66-91, GEOL. SURV. CONTRACT, OCTOBER, 1966.

712 MANHEIM, F.T.
MEADE, R.H.
BOND, G.C.
SUSPENDED-MATTER IN SURFACE-WATERS OF THE ATLANTIC CONTINENTAL-MARGIN FROM CAPE-COD TO THE FLORIDA-KEYS.
SCIENCE, V. 167, 1970: 371-376.

713 MANHEIM, F.T.
MINERAL-RESOURCES OFF THE NORTHEASTERN COAST OF THE UNITED-STATES.
U.S. GEOL. SURV. CIRC. 669, 1972: 1-28.
CHAPTER 5.

714 MANSUETI, R.J.
MURPHY, G.J.
FURTHER RETURNS OF STRIPED-BASS, ROCCUS-SAXATILIS, TAGGED FROM DEEP-WATER DURING WINTER IN CHESAPEAKE-BAY, MARYLAND.
CHESAPEAKE SCI., V. 2, 1961: 209-212.

715 MARCUZZI, G.
PILLERI, G.
ON THE ZOOGEOGRAPHY OF CETACEA.
IN: GIORGIO PILLERI (ED.): INVESTIGATIONS ON CETACEA, V. III, 1971: 101-170.
CHAPTER 7.4.

716 MARITIME ADMINISTRATION.
ESSENTIAL UNITED-STATES FOREIGN-TRADE-ROUTES.
WASHINGTON, D.C.: U.S. DEP. COMMER., MAR. ADMIN., JUNE 1974.

717 MARITIME COAST PILOTS.
CAPE-SABLE TO CAPE-HATTERAS: DISTANCE-ROUTE-CHART.
NEW YORK, N.Y., 1948.
CHAPTER 11.

718 MARKLE, D.F.
BENTHIC FISH ASSOCIATIONS ON THE CONTINENTAL-SLOPE OF THE MIDDLE-ATLANTIC-BIGHT.
VA. INST. MAR. SCI., THESIS, 1972.

719 MARKLE, D.F.
MUSICK, J.A.
BENTHIC SLOPE FISHES FOUND AT 900M DEPTH ALONG A TRANSECT IN THE WESTERN-NORTH-ATLANTIC OCEAN.
MAR. BIOL., 26, 1974: 225-233.
CHAPTER 7.3.

720 MARKLE, D.F.
YOUNG WITCH FLOUNDER, GLYPTOCEPHALUS-CYNOGLOSSUS IN THE SLOPE OFF VIRGINIA.
J. FISH. RES. BD. CAN., V. 32, NO. 8, 1975: 1447-1450.
CHAPTER 7.3.

721 MARSHALL, HAROLD G.
PHYTOPLANKTON STUDIES IN THE COASTAL WATERS BETWEEN CAPE-HATTERAS AND THE GULF-OF-MAINE.
IN: MARINE ENVIRONMENTAL IMPLICATIONS OF OFFSHORE OIL AND GAS DEVELOPMENT IN THE BALTIMORE CANYON REGION OF THE MID-ATLANTIC COAST, PROCEEDINGS OF ESTUARINE RESEARCH FEDERATION OUTER CONTINENTAL SHELF CONFERENCE AND WORKSHOP, 1976.
CHAPTER 7.1.

722 MARSHALL, N. F.
MORIARTY, J. R.
PRINCIPLES OF UNDERWATER ARCHAEOLOGY.
PACIFIC DISCOVERY, V. 17, NO. 5, 1964: 18-25.

723 MARSHALL, N.B.
SYSTEMATIC AND BIOLOGICAL STUDIES OF THE MACROURID FISHES, ANACANTHINI-TELEOSTII.
DEEP-SEA RES., V. 12, NO. 3, 1965: 299-322.
CHAPTER 7.3.

724 MARSHALL, N.B.
THE ORGANIZATION OF DEEP-SEA FISHES.
STUDIES TROP. OCEANOGR., MIAMI 5, 1967: 473-479.

725 MARSHALL, N.B.
THE FAMILY MACROURIDAE.
IN: FISHES OF THE WESTERN NORTH ATLANTIC.
MEM. SEARS FOUND. MAR. RES. NO. 1, PART 6, 1973: 496-662.
CHAPTER 7.3.

726 MARSHALL, N.C.
HYDROGRAPHY OF NORTH-CAROLINA MARINE WATERS: SURVEY OF MARINE FISHERIES OF NORTH-CAROLINA.
CHAPEL HILL, UNIV. OF N.C. PRESS, 1951: 1-76.

727 MASON, R.J.
THE PALEO-INDIAN-TRADITION IN EASTERN NORTH-AMERICA.
CURRENT ANTHROPOL., V. 3, NO. 3, 1962: 227-278.
CHAPTER 12.

728 MATHER, FRANK J., III.
MASON, JOHN M., JR.
CLARK, H. LAWRENCE.
MIGRATIONS OF WHITE MARLIN AND BLUE MARLIN IN THE WESTERN-NORTH-ATLANTIC OCEAN - TAGGING-RESULTS SINCE MAY, 1970.
FROM: PROCEEDINGS OF THE INTERNATIONAL BILLFISH SYMPOSIUM, SHOMURA, R.S. AND F. WILLIAMS (ED.), KAILUA-KONA, HAWAII, 9-12 AUGUST, 1972. NOAA TECH. REP. NMFS SSRF-675, 1974.
CHAPTER 10, 7.4.

729 MATHER, FRANK J., III.
BARTLETT, MARTIN P.
BLUEFIN TUNA CONCENTRATION FOUND DURING A LONGLINE-EXPLORATION OF THE NORTHWESTERN ATLANTIC SLOPE.
COMMER. FISH. REV., V. 24, NO. 2, 1962: 1-7.
CHAPTER 7.4.

730 MATHER, FRANK J., III.
RECAPTURES OF TUNA, MARLIN, AND SAILFISH TAGGED IN THE WESTERN-NORTH-ATLANTIC.
COPEIA, NO. 2, 1960: 149-151.

731 MATHER, FRANK J., III.
BARTLETT, MARTIN P.
BECKETT, J.S.
TRANSATLANTIC MIGRATIONS OF YOUNG BLUEFIN TUNA.
J. FISH. RES. BD. CAN., V. 24, NO. 9, 1967: 1991-1997.
CHAPTER 7.4.

732 MATHER, FRANK J., III.
JONES, A.C.
BEARDSLEY, G.L., JR.
MIGRATION AND DISTRIBUTION OF WHITE MARLIN AND BLUE MARLIN IN THE ATLANTIC-OCEAN.
FISH. BULL., U.S. FISH AND WILDLIFE SERV., 70, 1972: 283-298.
CHAPTER 7.4.

733 MATHER, FRANK J., III.
DISTRIBUTION AND MIGRATIONS OF NORTH ATLANTIC BLUEFIN TUNA.
PROC. INT. GAME FISH. CONF., 7, 1962. 7 P.
CHAPTER 7.4.

734 MATHER, FRANK J., III.
THE ATLANTIC BLUEFIN TUNA SITUATION.
SPORTFISHING, V. 4, NO. 12, 1968. 55.

735 MATHER, FRANK J., III.
TUNAS, GENUS THUNNUS, OF THE WESTERN-NORTH-ATLANTIC.
PART 3: DISTRIBUTION AND BEHAVIOUR OF THUNNUS SPECIES.
SYMP. SER. MAR. BIOL. ASS. INDIA, V. 1, NO. 1: 411-424. ABSTRACT PUBLISHED IN FAO FISH. RES., V. 6, NO. 3, 1963: 1159-1161.

736 MATHER, FRANK J., III.
LONG DISTANCE MIGRATIONS OF TUNAS AND MARLINS.
UNDERWATER NATUR., BULL. AMER. LITTORAL SOC., 46, SPRING 1969: 6-14.
CHAPTER 7.4.

737 MATHER, FRANK J., III.
GIBBS, R.H., JR.
DISTRIBUTION OF THE ATLANTIC BIGEYE TUNA, THUNNUS-OBESUS, IN THE WESTERN-NORTH-ATLANTIC AND AND THE CARIBBEAN-SEA.
COPEIA, NO. 3, 1958: 237-238.

738 MATHER, FRANK J., III.
SCHUCK, HOWARD A.
GROWTH OF BLUEFIN TUNA OF THE WESTERN-NORTH-ATLANTIC.
FISH. BULL. 179, U.S. FISH. WILDLIFE SERV., V. 61, 1960: 39-52.

739 MATHER, FRANK J., III.
CLARK, H. LAWRENCE.
MASON, JOHN M., JR.
SYNOPSIS OF THE BIOLOGY OF THE WHITE MARLIN, TETRAPTERUS-ALBIDUS-POEY (1861).
IN: PROC. INT. BILLFISH SYMP. KAILUA-KONA, HAWAII, 1972. PART 3. NOAA TECH. REP. NMFS SSRF675, 1975.
CHAPTER 7.4.

740 MATHER, JOHN R.
ADAMS, HENRY III.
YOSHIOKA, GARY J.
COASTAL STORMS OF THE EASTERN UNITED-STATES.
J. OF APPL. METEOROL., V. 3, DEC. 1964: 693-706.

741 MATHER, JOHN R.
FIELD, RICHARD T.
YOSHIOKA, GARY A.
STORM-DAMAGE HAZARD ALONG THE EAST COAST OF THE UNITED-STATES.
J. APPL. METEOROL., V. 6, FEB. 1967: 28-30.

742 MATTHEWS, L. H.
THE SEI WHALE, BALAENOPTERA-BOREALIS.
DISCOVERY REP., 17, 1938: 183-290.

743 MATTHEWS, L. H.
THE SPERM WHALE, PHYSETER-CATODON.
DISCOVERY REP., 17, 1938: 93-168.

744 MATTHEWS, L. H.
THE HUMPBACK WHALE, MEGAPTERA-NODOSA.
DISCOVERY REP., 17, 1938: 9-28.

745 MATTHEWS, L. H.
THE WHALE.
SIMON AND SCHUSTER, N.Y., 287 PP. 1968.
CHAPTER 7.4.

746 MATTHIESSEN, P.
STOUT, G.P.
THE SHOREBIRDS OF NORTH-AMERICA.
THE VIKING PRESS, NEW YORK, 270 P. 1967.
CHAPTER 7.5.

747 MATTICK, R.E.
FOOTE, R.O.
WEAVER, N.L.
GRIM, M.S.
STRUCTURAL-FRAMEWORK OF UNITED-STATES OUTER CONTINENTAL-SHELF NORTH OF CAPE-HATTERAS.
AMER. ASSOC. PETROL. GEOG. BULL., V. 58, NO. 6, PT. 2, 1974: 1179-1190.
CHAPTER 5.

748 MAUCHLINE, J.
THE BIOLOGY OF BATHYPELAGIC ORGANISMS, ESPECIALLY CRUSTACEA.
DEEP-SEA RES., 19, 1972: 753-780.

749 MCCAULEY, J.A.
THE LOBSTER-FISHERY MOVES OFFSHORE.
MARITIMES, V. 16, 1972: 3-5.

750 MCCLAIN, E. PAUL.
THE AVAILABILITY AND LIMITATIONS OF NOAA SATELLITE-DERIVED SEA SURFACE TEMPERATURE PRODUCTS.
PAPER PRESENTED AT I.C.E.S. 63RD. STATUTORY MEETING, MONTREAL, SEPT. 1975.
CHAPTER 4.

751 MCDOWELL, CARL E.
AIKRS, HELEN M.
OCEAN-TRANSPORTATION.
NEW YORK, MCGRAW-HILL BOOK CO., 475 P. 1956.
CHAPTER 11.

752 MCEACHRAN, JOHN D.
MUSICK, J.A.
CHARACTERS FOR DISTINGUISHING BETWEEN IMMATURE SPECIMENS OF THE SIBLING SPECIES, RAJA-ERINACEA AND RAJA-OCELLATA, PISCES: RAJIDAE.
COPEIA, P. 1973: 238-250.

753 MCGILL, DAVID A.
CORWIN, N.
KETCHUM, B.H.
ORGANIC-PHOSPHORUS IN THE DEEP-WATER OF THE WESTERN-NORTH-ATLANTIC.
LIMNOL. AND OCEANOGR., V. 9, NO. 1, 1964: 27-34.

754 MCGRATH, R.A.
THOMAS, J.P.
REQUIEM FOR A HEAVYWEIGHT: A CALL TO ACTION.
UNDERWATER NATUR. BULL. AMER. LITTORAL SOC., V. 8, NO. 2, 1973: 4-13.
CHAPTER 7.4.

755 MCHUGH, J.L.
THE ROLE AND HISTORY OF THE INTERNATIONAL-WHALING-COMMISSION
IN: WILLIAM E. SCHEVILL (ED.), THE WHALE PROBLEM: A STATUS REPORT, HARVARD UNIV. PRESS, 1974.
CHAPTER 7.4.

756 MCINTYRE, A.D.
THE USE OF TRAWLING, GRAB, AND CAMERA IN ESTIMATING MARINE BENTHOS.
J. MAR. BIOL. ASS. U.K., V. 25, 1956: 419-429.
CHAPTER 7.3.

757 MCIVER, N.L.
CENOZOIC-MESOZOIC STRATIGRAPHY OF THE NOVA-SCOTIA-SHELF.
CAN. J. EARTH SCI., V. 9, 1972: 54-70.
CHAPTER 5.

758 MCLELLAN, H.J.
LAUZIER, L.M.
BAILEY, W.B.
THE SLOPE-WATER OFF THE SCOTIAN-SHELF.
J. FISH. RES. BD. CAN., NO. 10, 1953: 155-176.

759 MCLELLAN, H.J.
ON THE DISTINCTNESS AND ORIGIN OF THE SLOPE-WATER OFF THE SCOTIAN-SHELF AND ITS EASTERLY FLOW SOUTH OF THE GRAND-BANKS.
J. FISH. RES. BD. CAN., NO. 14, 1957: 213-239.
CHAPTER 4.

760 MCMASTER, ROBERT L.
ASHRAF, ASAF.
DROWNED-AND-BURIED-VALLEYS ON THE SOUTHERN NEW-ENGLAND CONTINENTAL-SHELF.
MAR. GEOL., 15, 1973: 249-268.

761 MCRAE, ERNEST D., JR.
RED CRAB EXPLORATIONS OFF THE NORTHEASTERN COAST OF THE UNITED-STATES.
COMMER. FISH. REV., V. 23, NO. 5, 1961: 5-10.
CHAPTER 7.3.

762 MCRAE, ERNEST D., JR.
LOBSTER-EXPLORATIONS ON CONTINENTAL-SHELF-AND-SLOPE OFF NORTHEAST COAST OF THE UNITED-STATES.
COMMER. FISH. REV., V. 22, NO. 9, 1960: 1-7.
CHAPTER 10, 7.3.

763 MCVAY, S.
THE LAST OF THE GREAT WHALES.
SCI. AMER., V. 215, NO. 2, 1966: 13-21.
CHAPTER 7.4.

764 MEAD, G.W.
EARLE, SYLVIA A.
NOTE ON THE NATURAL-HISTORY OF SNIPE EELS.
PROC. CALIFORNIA ACAD. SCI., 4TH. SER., V. 38, NO. 5, 1970: 99-103.

765 MEAD, G.W.
BERTELSEN, E.
COHEN, D.M.
REPRODUCTION AMONG DEEP-SEA FISHES.
DEEP-SEA RES., V. 11, 1964: 569-596.
CHAPTER 7.3.

766 MEAD, J.
CAPE-COD DOLPHIN STRANDING.
SMITHSONIAN INSTITUTION, CENTER FOR SHORT-LIVED PHENOMENA, CAMBRIDGE, MASS. EVENT 61-73, EVENT NOTIFICATION REPORTS NO. 1630 (MAY 14, 1973): NO. 1640-1641 (MAY 18, 1973).
CHAPTER 7.4.

767 MEADE, R.H.
SACHS, P.L.
MANHEIM, F.T.
HATHAWAY, J.C.
SPENCER, D.W.
SOURCES OF SUSPENDED-MATTER IN WATERS OF THE MIDDLE-ATLANTIC-BIGHT.
J. SEDIMENT. PETROLOGY, 1973.

768 MEADE, R.H.
EMERY, K.O.
SEA-LEVEL AS AFFECTED BY RIVER-RUNOFF, EASTERN UNITED-STATES.
SCIENCE, V. 173, 1971: 425-428.

769 MEADE, R.H.
LANDWARD-TRANSPORT OF BOTTOM SEDIMENTS IN ESTUARIES OF THE ATLANTIC-COASTAL-PLAIN.
J SEDIMENT PETROLOGY, V. 39, 1968A: 222-234.
CHAPTER 5.

770 MEADE, R.H.
ERRORS IN USING MODERN STREAM-LOAD-DATA TO ESTIMATE NATURAL RATES OF DENUDATION.
GEOL. SOC. AMER. BULL., V. 80, 1969B: 1265-1274.
CHAPTER 5.

771 MEADE, T.L.
THE OFFSHORE CRAB-RESOURCES.
IN: T.L. HART (ED.). A REPORT OF THE 1970 FISHERMAN'S FORUM, UNIV. OF R.I., MAR. ADV. SERV., 1970: 7-12.

772 MEADE, T.L.
RED CRABS IN YOUR FUTURE.
RHODE ISLAND RESOUR. V. 16, NO. 1, 1970: 1-3.
CHAPTER 7.3.

773 MEADE, T.L.
GRAY, G.W., JR.
THE RED CRAB.
MAR. TECH. REPT. SERIES NO. 11, UNIV. R.I. 1973.
21 P.
CHAPTER 7.3.

774 MENARD, H.W.
DEEP-SEA CHANNELS, TOPOGRAPHY, AND SEDIMENTATION.
AMER. ASS. PETROL. GEOL. BULL., V. 39,
1955: 236-255.
CHAPTER 8.

775 MENZEL, D.W.
GOERING, JOHN J.
THE DISTRIBUTION OF ORGANIC-DETRITUS IN THE OCEAN.
WOODS HOLE OCEANOGR. INST. REF. NO. 66-45. LIMNOL.
AND OCEANOGR., V. 11, NO. 3, JULY 1966: 333-337.

776 MENZEL, D.W.
PARTICULATE ORGANIC-CARBON IN THE DEEP-SEA.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-43.
DEEP-SEA RES., 1967, V. 14: 229-238.
CHAPTER 7.3.

777 MENZEL, D.W.
RYTHER, J.H.
DISTRIBUTION AND CYCLING OF ORGANIC-MATTER IN
THE OCEANS.
WOODS HOLE OCEANOGR. INST. REF. NO. 71-34, UNIV.
OF ALASKA, INST. OF MAR. SCI., PUBL. NO. 1, 1970:
31-54.

778 MENZEL, D.W.
RYTHER, J.H.
ZOOPLANKTON IN THE SARGASSO-SEA OFF BERMUDA AND
ITS RELATION TO ORGANIC-PRODUCTION.
J. CONS. INT. EXPLOR. MER., V. 24, NO. 3, 1961: 250-258.

779 MENZEL, D.W.
RYTHER, J.H.
THE ANNUAL-CYCLE OF PRIMARY-PRODUCTION IN THE
SARGASSO-SEA OFF BERMUDA.
DEEP-SEA RES., V. 6, NO. 4, 1960: 351-367.

780 MENZEL, D.W.
RYTHER, J.H.
THE COMPOSITION OF PARTICULATE ORGANIC-MATTER IN
THE WESTERN-NORTH-ATLANTIC.
LIMNOL. AND OCEANOGR., V. 9, NO. 2, 1964: 179-186.
CHAPTER 8.

781 MENZEL, D.W.
RYTHER, J.H.
ANNUAL VARIATIONS IN PRIMARY-PRODUCTION OF THE
SARGASSO-SEA OFF BERMUDA.
DEEP-SEA RES., V. 7, NO. 4, 1961: 282-288.

782 MENZIES, R.J.
ROWE, G.T.
THE DISTRIBUTION AND SIGNIFICANCE OF DETRITAL
TURTLE-GRASS, THALASSIA-TESTUDINATA, ON THE
DEEP-SEA-FLOOR OFF NORTH-CAROLINA.
INT. REV. GES HYDROBIOL., V. 24, 1969: 217-222.
CHAPTER 7.3.

783 MENZIES, R.J.
PRATT, R.M.
ZANEVELD, J.S.
TRANSPORTED TURTLE-GRASS AS A SOURCE OF
ORGANIC-ENRICHMENT OF ABYSSAL-SEDIMENTS OFF
NORTH-CAROLINA.
DEEP-SEA RES., V. 14, 1967: 111-112.
CHAPTER 7.3.

784 MENZIES, R.J.
IMBRIE, JOHN,
HEEZEN, B.C.
FURTHER CONSIDERATIONS REGARDING THE ANTIQUITY OF
THE ABYSSAL-FAUNA WITH EVIDENCE FOR A CHANGING
ABYSSAL-ENVIRONMENT.
DEEP-SEA RES., V. 8, 1961: 79-94.

785 MENZIES, R.J.
GEORGE, R.Y.
ROWE, GILBERT T.
ABYSSAL-ENVIRONMENT AND ECOLOGY OF THE WORLD OCEANS.
JOHN WILEY AND SONS, INC., NEW YORK, 1973, 488 P.
CHAPTER 7.3.

786 MENZIES, R.J.
GEORGE, R.Y.
A RE-EVALUATION OF THE CONCEPT OF HADAL OR ULTRA -
ABYSSAL-FAUNA.
DEEP-SEA RES., 14, 1967: 703-723.
CHAPTER 7.3.

787 MERCER, M.C.
NOMINAL CATCH OF SQUID IN CANADIAN ATLANTIC WATERS (SUBAREAS 2-4), 1920 TO 1968.
INT. COMM. NW ATL. FISH., REDBOOK, PART III, SELECTED PAPERS, DEC., 1973: 153-162.

788 MERCER, M.C.
A.T. CAMERON-CRUISE 130, OTTER-TRAWL-SURVEY FROM SOUTHERN NOVA-SCOTIA TO CAPE-HATTERAS, MARCH, APRIL 1967.
J. FISH. RES. BD. CAN., ST. JOHN'S BIOL. STA., 24, 1969.

789 MERCER, M.C.
WINTERING OF PILOT WHALES, GLOBICEPHALA-MELAENA, IN NEWFOUNDLAND INSHORE WATERS.
J. FISH. RES. BD. CAN., V. 24, NO. 11, 1967: 2481-2484.
CHAPTER 7.4.

790 MERCER, M.C.
THE INTERACTION BETWEEN THE NORTHERN PILOT WHALE, GLOBICEPHALA-MELAENA, AND THE SHORT-FINNED SQUID, ILLEX-ILLECEBROSUS, AT NEWFOUNDLAND WITH PARTICULAR REFERENCE TO STOCK-ASSESSMENTS AND PRODUCTION-ESTIMATES.
SUB-COMMITTEE ON SMALL CETACEA, SCIENTIFIC COMMITTEE OF THE INTERNATIONAL WHALING COMMISSION, MONTREAL APRIL 1-12, 1974.
CHAPTER 7.4.

791 MERCER, M.C.
SYNOPSIS OF THE RECENT CEPHALOPODA OF CANADA.
PROC. SYMP. ON MOLLUSCA, MAR BIOL. ASS. INDIA, 1, 1968: 245-276.
CHAPTER 7.4.

792 MERCER, M.C.
CEPHALOPOD RESOURCES AND FISHERIES IN THE NORTHWEST-ATLANTIC.
AMER. MALACOLOGICAL UNION ANNU. REP., 1970: 30-33.
CHAPTER 7.4.

793 MERCER, M.C.
DISTRIBUTION AND BIOLOGICAL CHARACTERISTICS OF THE OMMASTREPHID SQUID, ILLEX-ILLECEBROSUS (LE-SEUR), ON THE GRAND-BANKS, ST-PIERRE-BANK, AND NOVA-SCOTIAN-SHELF (SUB-AREA-3-AND-4) AS DETERMINED BY OTTER-TRAWL-SURVEYS 1970 TO 1972.
ICNAF RES. DOC. 73/79, 1973A.
CHAPTER 7.4.

794 MERCER, M.C.
SEXUAL-MATURITY AND SEX-RATIOS OF THE OMMASTREPHID SQUID, ILLEX-ILLECEBROSUS (LE-SEUR), AT NEWFOUNDLAND (SUB-AREA-3).
ICNAF RES. DOC. 73/71, 1973B.
CHAPTER 7.4.

795 MERCER, M.C.
MODIFIED LESLIE-DELURY POPULATION-MODELS OF THE LONG-FINNED PILOT-WHALE, GLOBICEPHALA-MELAENA, AND ANNUAL PRODUCTION OF THE SHORT-FINNED SQUID, ILLEX-ILLECEBROSUS, BASED ON THEIR INTERACTION AT NEWFOUNDLAND.
J. FISH. RES. BD. CAN., V. 32, NO. 7, 1975: 1145-1154.
CHAPTER 7.4.

796 MERCER, M.C.
PAULMIER, G.
DISTRIBUTION AND BIOLOGICAL-CHARACTERISTICS OF THE SHORT-FINNED SQUID, ILLEX-ILLECEBROSUS, ON THE CONTINENTAL-SHELF OF SUB-AREAS-3-AND-4 IN MAY-JUNE, 1973.
ICNAF RES. DOC. 74/78, 1974.
CHAPTER 7.4.

797 MERRILL, A.S.
ABUNDANCE AND DISTRIBUTION OF SEA SCALLOPS OFF THE MIDDLE-ATLANTIC-COAST.
PROC. NAT. SHELLFISH. ASS., 51, 1962: 74-80.

798 MERRILL, A.S.
ROPES, J.W.
THE GENERAL DISTRIBUTION OF THE SURF-CLAM AND OCEAN-QUAHOG.
PROC. NAT. SHELLFISH. ASS., 59, 1967: 40-45.

799 MERRILL, A.S.
ROPES, J.W.
DISTRIBUTION OF SOUTHERN QUAHOGS OFF THE MIDDLE-ATLANTIC-COAST.
COMMER. FISH. REV., V. 29, NO. 4, 1967: 62-64.

800 MERRILL, A.S.
CHAMBERLIN, J.L.
ROPES, J.W.
OCEAN-QUAHOGS FISHERY.
IN: F. FIRTH (ED.), ENCYCLOPEDIA OF MARINE RESOURCES, NEW YORK, REINHOLD PUBL. CORP., 1969.

801 MERRILL, A.S.
EMERY, K.O.
RUBIN, MEYER.
ANCIENT OYSTER-SHELLS ON THE ATLANTIC CONTINENTAL-SHELF.
SCIENCE, V. 147, NO. 3656, JAN. 1965: 398-400.
CHAPTER 12.

802 METCALF, W.G.
DISSOLVED SILICATE IN THE DEEP NORTH-ATLANTIC.
DEEP-SEA RES., SUPPL. TO V. 16, 1969: 139-145.
CHAPTER 4.

803 METCALF, W.G.
STALCUP, M.C.
ZEMANOVIC, MARGUERITE E.
HYDROGRAPHIC-STATION-DATA FROM ATLANTIS-II-CRUISE 56 TO THE SOUTHEASTERN APPROACHES TO THE CARIBBEAN-SEA, FEBRUARY - APRIL 1970.
WOODS HOLE OCEANOGR. INST. REF. NO. 71-13, NAT. SCI. FOUND. GRANT, FEB. 1971. 349 P.

804 MILLAIS, J.G.
FROM PLACENTIA-BAY TO SPITZBERGEN: A NATURALIST ABOARD A NORTH-ATLANTIC-WHALER.
NATURE CAN., V. 2, NO. 4, 1973: 4-8.
CHAPTER 7,4.

805 MILLARD, R.
BOTTOM-LAYER OBSERVATIONS FROM MODE AND IWEX.
MODE HOT-LINE NEWS NO. 65, (UNPUBLISHED DOCUMENT)
WOODS HOLE OCEANOGR. INST. 1974.
CHAPTER 4.

806 MILLER, A.R.
A STUDY OF MIXING-PROCESSES OVER THE EDGE OF THE CONTINENTAL-SHELF.
J. MAR. RES., 9, 1950: 145-160.

807 MILLER, A.R.
VERTICAL SECTIONAL DIAGRAMS OF TEMPERATURE AND SALINITY FOR MAY, 1941, BLOCK-ISLAND TO CAPE-HATTERAS.
WOODS HOLE OCEANOGR. INST. TECH. REP. REF. NO. 52-44, JUNE 1952.

808 MILLIMAN, J.D.
MANHEIM, F.T.
OBSERVATIONS IN DEEP-SCATTERING-LAYERS OFF CAPE-HATTERAS, UNITED-STATES.
DEEP-SEA RES., V. 15, NO. 4, 1968: 505-507.

809 MILLIMAN, J.D.
MANHEIM, F.T.
PRATT, R.M.
ZARUDZKI, E.F.K.
ALVIN DIVES ON THE CONTINENTAL-MARGIN OFF THE SOUTHEASTERN UNITED-STATES, JULY 2-13, 1967.
WOODS HOLE OCEANOGR. INST., REF. NO. 67-80, 1967.
64 P.

810 MILLIMAN, J.D.
PILKEY, O.H.
ROSS, D.A.
SEDIMENTS OF THE CONTINENTAL-MARGIN OF THE EASTERN UNITED-STATES.
GEOL. SOC. AMER. BULL., V. 83, NO. 5, 1972: 1315-1334.
CHAPTER 5.

811 MILLIMAN, J.D.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES, PETROLOGY OF THE SAND-FRACTION, NORTHERN NEW-JERSEY TO SOUTHERN FLORIDA.
U.S. GEOL. SURV. PROF. PAP. 529J, 1972. 40 P.

812 MILLIMAN, J.D.
MARINE GEOLOGY OF THE MIDDLE-ATLANTIC-BIGHT.
MAR. PUBL. SER. NO. 3, UNIV. OF R.I., 1974. 89 P.

813 MILLIMAN, J.D.
EMERY, K.O.
SEA-LEVELS DURING THE PAST 35,000 YEARS.
SCIENCE, V. 162, NO. 3858, 1968: 1121-1123.
CHAPTER 12.

814 MILLIMAN, J.D.
MARINE GEOLOGY.
IN: SAILA, S.O. (ED.): COASTAL AND OFFSHORE ENVIRONMENTAL INVENTORY, CAPE HATTERAS TO NANTUCKET SHOALS, COMPLEMENT VOLUME, MAR. EXP. STA., UNIV. OF R.I., 10-1 TO 10-91, 1973.
CHAPTER 5.

815 MILLS, E.L.
DEEP-SEA AMPHIPODA FROM THE WESTERN-NORTH-ATLANTIC-OCEAN, THE FAMILY AMPELISCIDAE.
LIMNOL. AND OCEANOGR., V. 16, NO. 2, 1971: 357-386.

816 MILLS, E.L.
THE ZOOGEOGRAPHY OF NORTH-ATLANTIC AND NORTH-PACIFIC AMPELISCID AMPHIPOD CRUSTACEANS.
SYST. ZOOL., V. 14, NO. 2, 1965: 119-130.

817 MITCHELL, E.
ASSESSMENT OF NORTHWEST-ATLANTIC FIN WHALE-STOCKS.
REP. INT. COMM. WHAL., 22ND REP., ANNEX L, 1972: 111-118.
CHAPTER 7.4.

818 MITCHELL, E.
PRESENT STATUS OF NORTHWEST-ATLANTIC FIN AND OTHER WHALE-STOCKS.
IN: SCHEVILL, W.E. (ED.), THE WHALE PROBLEM.
HARVARD UNIV. PRESS, 1974: 108-169.
CHAPTER 7.4.

819 MITCHELL, E.
MEMORANDUM ON NORTHWEST-ATLANTIC SEI WHALES.
INT. COMM. ON WHALING, 22ND, REP., 1972: 119-120.
CHAPTER 7.4.

820 MITCHELL, E.
THE STATUS OF THE WORLD'S WHALES.
NATUR. CAN., V. 2, 1973: 9-24.
CHAPTER 7.4.

821 MITCHELL, E.
NORTH-ATLANTIC WHALE-RESEARCH.
ANNU. REV. FISH. COUNC. CAN., PP 45, 47-48, 1968.
CHAPTER 7.4.

822 MITCHELL, E.
REQUEST FOR INFORMATION ON TAGGED WHALES IN THE NORTH-ATLANTIC.
J. MAMMALOGY, 51, 1970: 373-379.
CHAPTER 7.4.

823 MITCHELL, E.
BALAENOPTERINE OR FINNER WHALES.
IN: A SEED (ED.) BALEEN WHALES IN EASTERN NORTH PACIFIC AND ARCTIC WATERS, PACIFIC SEARCH BOOKS, SEATTLE, WASHINGTON, PP 26-30, 1972A.
CHAPTER 7.4.

824 MITCHELL, E.
WHALE-PIGMENTATION AND FEEDING-BEHAVIOR.
AMER. ZOOLOGIST, V. 12, NO. 4, 1972: 68.
CHAPTER 7.4.

825 MITCHELL, E.
DRAFT REPORT ON HUMPBACK WHALES TAKEN UNDER SPECIAL SCIENTIFIC PERMIT BY EASTERN CANADIAN LAND STATIONS, 1949-1971.
INT. WHALING COMM., 23RD REPORT, ANNEX N, PP 188-194, 1973B.
CHAPTER 7.4.

826 MOORE, CHRISTOPHER N.K.
COLD-FRONT RESPONSES AND TIDAL AND INERTIAL-FLUCTUATIONS ON THE WEST FLORIDA-SHELF.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD, 3 THROUGH 6 APRIL, 1974.

827 MOORE, D.E.
SHELF-WATER EDDIES IN SLOPE-WATER.
THE GULF STREAM MONTHLY SUMMARY, V. 7, NO. 4, U.S. NAVAL OCEANOGR. OFFICE, APRIL 1972.
CHAPTER 4.

828 MOORE, D.W.
ROSSBY-WAVES IN OCEAN CIRCULATION.
DEEP-SEA RES., V. , NO. 6, 1963: 735-747.

829 MOORE, H.B.
THE SEASONAL DISTRIBUTION OF OCEANIC BIRDS IN THE WESTERN-NORTH-ATLANTIC.
BULL. MAR. SCI. GULF CARIBB., V. 1, NO. 1, 1951: 1-14.
CHAPTER 7.5.

830 MOORE, H.B.
PHYSICAL-FACTORS AFFECTING THE DISTRIBUTION OF EUPHAUSIDS IN THE NORTH-ATLANTIC.
BULL. MAR. SCI. GULF AND CARIB., 1, 1952: 278-305.

831 MOORE, H.B.
THE ZOOPLANKTON OF THE UPPER-WATERS OF THE BERMUDA AREA OF THE NORTH-ATLANTIC.
BULL. BINGHAM OCEANOGR. COLLECT., 12, 1949: 1-97.

832 MOORE, J.C.
DIAGNOSIS AND DISTRIBUTION OF BEAKED WHALES OF THE GENUS, MESOPLODON, KNOWN FROM NORTH AMERICAN WATERS.
IN: KENNETH S. NORRIS (ED.), WHALES, DOLPHINS, AND PORPOISES, UNIV. OF CAL. PRESS, 1966: 79-113.
CHAPTER 7.4.

833 MOORE, J.C.
DISTRIBUTION OF MARINE MAMMALS IN FLORIDA-WATERS.
AMER. MIDL. NATUR. 49, 1953: 117-158.
CHAPTER 7.4.

834 MOORE, J.C.
A BEAKED WHALE FROM THE BAHAMA-ISLANDS AND COMMENTS ON THE DISTRIBUTION OF MESOPLODON-DENSIROSTRIS.
NOVITATES (AMER. MUS. NATUR. HIST.) NO. 1897.
PP 1-12. 1958.
CHAPTER 7.4.

835 MOORE, J.C.
RELATIONSHIPS AMONG THE LIVING GENERA OF BEAKED WHALES.
FIELDIANA: ZOOLOGY, V. 53, NO. 4, 1968: 228.
CHAPTER 7.4.

836 MOORE, J.C.
WOOD, F.G., JR.
DIFFERENCES BETWEEN THE BEAKED WHALES, MESOPLODON-MIRUS AND MESOPLODON-GERVAISI.
NOVITATES (AMER. MUS. NATUR. HIST.) NO. 1831.
1957: 1-25.
CHAPTER 7.4.

837 MOSER, H.G.
AHLSTROM, E.H.
DEVELOPMENT OF LANTERNFISHES (FAMILY MYCTOPHIDAE) IN THE CALIFORNIA-CURRENT, PART I: SPECIES WITH NARROW-EYED LARVAE.
BULL. LOS ANGELES CO., MUS. NATUR. HIST. SCI., 7, 1970: 1-145.
CHAPTER 7.4.

838 MOWAT, F.
A WHALE FOR THE KILLING.
ATLANTIC/LITTLE BROWN, BOSTON, MASS. 239 PP. 1972.
CHAPTER 7.4.

839 MURAOKA, J.S.
EFFECT OF DEEP-OCEAN ENVIRONMENT ON PLASTICS.
IN: MATERIALS PERFORMANCE AND THE DEEP SEA, AMER. SOC. FOR TESTING AND MATERIALS, ASTMSTP 445, 1969: 5-19.

840 MURAOKA, J.S.
DEEP-SEA BIODETERIORATION OF MATERIALS.
OCEAN. IND., V. 6, NO. 3, 1971: 44-46.

841 MURPHY, R.C.
SEAL AS SPERM WHALE-FOOD.
J. MAMMALOGY 5, 1924: 132.
CHAPTER 7.4.

842 MURRAY, JOHN E.
ON THE DRIFT, DETERIORATION, AND DISTRIBUTION OF ICEBERGS IN THE NORTH-ATLANTIC-OCEAN.
U.S. COAST GUARD.
CHAPTER 11.

843 MUSICK, J.A.
MESOPELAGIC FISHES FROM THE GULF-OF-MAINE AND THE ADJACENT CONTINENTAL-SLOPE.
J. FISH. RES. BD. CAN., V. 30, NO. 1, 1973: 134-137.

844 MUSICK, J.A.
SEASONAL DISTRIBUTION OF SIBLING HAKES, UROPHYCIS-CHUSS, AND UROPHYCIS-TENUIS (PISCES, GADIDAE) IN NEW-ENGLAND.
FISH. BULL., V. 72, NO. 2, 1974: 481-495.
CHAPTER 7.3.

845 MYSAK, L.A.
MAMON, B.V.
LOW-FREQUENCY SEA-LEVEL-BEHAVIOUR AND CONTINENTAL SHELF-WAVES OFF NORTH-CAROLINA.
J. GEOPHYS. RES., V. 74, 1969: 1397-1405.

846 NAFPAKTITIS, B.G.
TAXONOMY AND DISTRIBUTION OF THE LANTERNFISHES, GENERA LOBIANCHIA AND DIAPHUS, IN THE NORTH-ATLANTIC.
DANA REP. 73, 1[illegible] 1-131.
CHAPTER 7.4.

847 NATIONAL ACADEMY OF SCIENCES.
NATIONAL RESEARCH COUNCIL.
OCEANOGRAPHY 1960 TO 1970, V: ARTIFICIAL RADIOACTIVITY IN THE MARINE ENVIRONMENT.
REP. BY COMM. ON OCEANOGR., NAT. ACAD. SCI., NATUR. RESOUR. COUNC., 1959, 31 P.

848 NATIONAL ARCHIVES OF THE UNITED STATES.
FEDERAL-REGISTER.
WASHINGTON, D.C., V. 38, NO. 198, PART II, MONDAY,
OCTOBER 15, 1973.
CHAPTER 9.

849 NATIONAL INDUSTRIAL POLLUTION CONTROL COUNCIL.
DEEP-OCEAN DUMPING OF BALED-REFUSE.
SUB-COUNC. REP. PREPARED FOR SEC. OF COMMER. U.S.
GOVT. PRINT. OFFICE, 1971. 16 P.

850 NATIONAL MARINE FISHERIES SERVICE.
OCEAN-QUAHOG SURVEY.
CRUISE REPORT, DELAWARE II CRUISE 71-1, WOODS HOLE,
NAT. MAR. FISH. SERV. EXPLOR. FISH. AND GEAR RES.
BASF, 1971. 8 P.

851 NATIONAL MARINE FISHERIES SERVICE.
NEW-ENGLAND FISHERY-INTERVIEWS.
NORTHEAST FISH. CENTER STATIST. AND MARKET NEWS,
V. 1 AND 2, 1975.
CHAPTER 10.

852 NATIONAL MARINE FISHERIES SERVICE.
FOREIGN-FLEET-SURVEILLANCE SUMMARIES,
JANUARY TO DECEMBER, 1974.
NAT. MAR. FISH. SERV., 1974.
CHAPTER 10.

853 NATIONAL MARINE FISHERIES SERVICE.
GROUNDFISH SURVEY DATA, 1959-1974.
NAT. MAR. FISH. SERV., WOODS HOLE, MASS.
CHAPT. 7 7.3.

854 NATIONAL OCEAN SURVEY.
COAST-AND-GEODETIC-SURVEY CHART - GEORGES-BANK AND
NANTUCKET-SHOALS.
14TH ED., NO. 1107, 1973.
CHAPTER 11.

855 NATIONAL OCEAN SURVEY.
COAST-AND-GEODETIC-SURVEY CHART - CAPE-SABLE TO
CAPE-HATTERAS.
25TH ED., NO. 1000, 1971.
CHAPTER 11.

856 NATIONAL OCEAN SURVEY.
COAST-AND-GEODETIC-SURVEY CHART - APPROACHES TO
NEW-YORK: NANTUCKET-SHOALS TO FIVE-FATHOM-BANK.
21ST ED., NO. 110A, 1973.
CHAPTER 11.

857 NATIONAL OCEAN SURVEY.
COAST-AND-GEODETIC-SURVEY CHART - CAPE-MAY TO
CAPE-HATTERAS,
27TH ED., NO. 12200, 1975.
CHAPTER 11.

858 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.
MARINE-RESEARCH 1973: A CATALOG OF UNCLASSIFIED
MARINE-RESEARCH ACTIVITIES SPONSORED BY FEDERAL AND
NON-FEDERAL ORGANIZATIONS,
INTERAGENCY COMM. ON MAR. SCI. AND ENG., FED.
COUNC. FOR SCI AND TECHNOL., OCTOBER 1973. 1175 P.

859 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.
REPORT TO THE CONGRESS ON OCEAN-DUMPING AND OTHER
MAN-INDUCED-CHANGES TO OCEAN ECOSYSTEMS, OCTOBER,
1972 THROUGH DECEMBER, 1973.
WASHINGTON, D.C., U.S. DEPT. OF COMMER. 1974.
CHAPTER 9.

860 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.
LISTING THE GREEN TURTLE, THE LOGGERHEAD SEA
TURTLE, AND PACIFIC RIDLEY SEA TURTLE AS
THREATENED-SPECIES: PUBLIC-HEARING.
FED. REGIST., V. 40, NO. 162, AUGUST 20, 1975: 36481.
CHAPTER 7.4.

861 NATIONAL OCEANOGRAPHIC DATA CENTER.
OCEANOGRAPHIC SERVICES BRANCH.
BOTTOM ENVIRONMENTAL OCEANOGRAPHIC DATA-REPORT
HUDSON-CANYON AREA.
NAV. OCEANOGR. OFFICE INFORMAL MANUSCRIPT
REP. NO. 69-8, 1969.

862 NATIONAL WEATHER RECORDS CENTER.
SELECTIVE GUIDE TO CLIMATIC-DATA SOURCES.
ENVIRON. SCI. SERV. ADMIN., U.S. DEP. COMMER.,
WASHINGTON, D.C., 1969.

863 NATIONAL WEATHER SERVICE.
GULF-STREAM.
PUBLISHED MONTHLY BY U.S. DEPT. OF COMMERCE, NOAA,
WASHINGTON, D.C. 1975.
CHAPTER 4.

864 NAVAL ORDNANCE SYSTEMS COMMAND.
DEEP-WATER-DISPOSAL: BACKGROUND INFORMATION.
WASHINGTON, D.C.
CHAPTER 11.

865 NAYMAN, J.
WHALES, DOLPHINS AND MAN.
HAMLYN PUBL., N.Y., 1973.
CHAPTER 7.4.

866 NEAVE, D.J.
WRIGHT, B.S.
SEASONAL MIGRATIONS OF THE HARBOR PORPOISE,
PHOCOENA-PHOCOENA, AND OTHER CETACEA IN THE
BAY-OF-FUNDY.
J. MAMMALOGY, 49, 1968: 254-244.
CHAPTER 7.4.

867 NEAVE, D.J.
WRIGHT, B.S.
OBSERVATIONS OF PHOCOENA-PHOCOENA IN THE BAY-OF-FUNDY.
J. MAMMALOGY, 50, 1969: 653-654.
CHAPTER 7.4.

868 NELSON, T.W.
BURK, C.A.
PETROLEUM-RESOURCES OF THE CONTINENTAL-MARGINS OF
THE UNITED-STATES.
IN: EXPLOITING THE OCEAN, TRANS. 2D ANNU. CONF.
AND EXHIBIT, JUNE 27-29, 1966, WASHINGTON, D.C.
MAR. TECH. SOC., 1966: 116-133.

869 NEMOTO, T.
FEEDING-PATTERNS OF BALEEN WHALES IN THE OCEAN.
IN: MARINE FOOD CHAINS (ED.) O.H. STEELE, UNIV.
CALIF. PRESS, BERKELEY, PP 241-252, 1970.
CHAPTER 7.4.

870 NEW YORK OCEAN SCIENCE LABORATORY.
AN ANALYSIS OF PLANKTON FROM THE NEW-YORK-BIGHT
DEEP-WATER DUMP-SITE NUMBER 106.
MARMAP CONTRIB. NO. 77, MARMAP FIELD GROUP, NAT.
MAR. FISH. SERV., 1975.
CHAPTER 7.2.

871 NEWTON, J.G.
PILKEY, O.H.
TOPOGRAPHY OF THE CONTINENTAL-MARGIN OFF THE
CAROLINAS.
SOUTHEAST. GEOL., V. 10, 1969: 87-92.

872 NEWTON, J.G.
PILKEY, O.H.
BLANTON, J.O.
AN OCEANOGRAPHIC ATLAS OF THE CAROLINA
CONTINENTAL-MARGIN.
DUKE UNIV. MAR. LAB. SUPPORTED BY N.C. SD. SCI.
TECHNOL., 1971. 97 P.
CHAPTER 11.

873 NICHOLLS, H.G.
SABOWITZ, N.C.
REPORTS BY THE STAFF OF THE
BEDFORD-INSTITUTE-OF-OCEANOGRAPHY, 1962-1973.
DARTMOUTH, N.S., CAN., BEDFORD INST. OF OCEANOGR.,
REP. SER. BI-R-74-4, 1974, 126 P.

874 NIILER, PEARN P.
MYSAK, L.A.
BAROTROPIC WAVES ALONG AN EASTERN CONTINENTAL-SHELF.
GEOPHYS. FLUID DYN., V. 2, NO. 4, 1971: 273-288.

875 NISHIWAKI, M.
GENERAL BIOLOGY.
IN: S.H. RIDGWAY, (ED.) MAMMALS OF THE SEA.,
C.C. THOMAS PUBL., SPRINGFIELD, ILL., PP 3-214.
1972.
CHAPTER 7.4.

876 NORRIS, K.S.
THE ECHOLOCATION OF MARINE MAMMALS.
IN: W.T. ANDERSEN, (ED.) THE BIOLOGY OF MARINE
MAMMALS, ACADEMIC PRESS, N.Y., PP 391-423, 1969.
CHAPTER 7.4.

877 NORTHEAST FISHERIES CENTER.
CRUISE 73-5 OPERATIONAL CRUISE-REPORT
MEGABENTHIC-INVERTEBRATE-SURVEY MULTI-VESSEL
EXPEDITION JUNE, 4 TO 22.
WOODS HOLE, MASS., 1973.

878 NORTHEAST FISHERIES CENTER.
STATISTICS AND MARKET-NEWS, PLOTS OF USA
FISHING-VESSEL-ACTIVITY: NEW-ENGLAND
FISHERY-INTERVIEWS 1965-1974.
NAT. MAR. FISH. SERV., AUGUST 1974, VOLS. I AND II.

879 NORTHROP, J.
FROSCH, R.A.
FRASSETTO, R.
BERMUDA-NEW-ENGLAND SEAMOUNT ARC.
GEOL. SOC. AMER. BULL., V. 73, 1962: 587-594.

880 NORTHROP, J.
A BATHYMETRIC-PROFILE ACROSS THE HUDSON
SUBMARINE-CANYON AND ITS TRIBUTARIES.
J. MAR. RES., V. 12, 1953: 223-232.

881 NORTHROP, J.
HEEZEN, B.C.
AN OUTCROP OF EOCENE SEDIMENT ON THE CONTINENTAL-SLOPE.
J. GEOL., V. 59, NO. 4, JULY 1951: 396-399.
CHAPTER 5.

882 NORTON, A.H.
THE MAMMALS OF PORTLAND-MAINE AND VICINITY.
PROC. PORTLAND SOC. NATUR. HIST., V. 4, NO. 1,
1930: 1-150.
CHAPTER 7.4.

883 NUZZI, R.
THE OCEANOGRAPHY OF THE NEW-YORK-BIGHT: PHYSICAL,
CHEMICAL, BIOLOGICAL.
MONTAUK, N.Y., N.Y. OCEAN SCI. LAB., TECH.
REP. NO. 0017, FEBRUARY 1973, 2 VOLS.

884 O'DAY, W.T.
A STUDY OF THE EFFECTS OF EXPATRIATION IN THE GONADS
OF TWO MYCTOPHID FISHES IN THE NORTH-ATLANTIC OCEAN.
BULL. MUS. COMP. ZOOL., V. 136, NO. 5, 1967: 77-90.
CHAPTER 7.4.

885 O'RIORDAN,
COMMERCIAL WHALE-FISHING IN IRELAND.
INT. WHALING COMM., SUB-COMMITTEE ON SMALL CETACEA
OF THE SCIENTIFIC COMMITTEE, MONTREAL, APR. 1-12.
1974.
CHAPTER 7.4.

886 OFFICER, C.B.
EWING, MAURICE.
GEOPHYSICAL INVESTIGATIONS IN THE EMERGED AND
SUBMERGED ATLANTIC-COASTAL-PLAIN, PART VII,
CONTINENTAL-SHELF, CONTINENTAL-SLOPE, AND
CONTINENTAL-RISE SOUTH OF NOVA-SCOTIA.
GEOL. SOC. AMER. BULL., V. 65, 1954: 653-670.

887 OHSUMI, S.
SEXUAL-SEGREGATION OF THE SPERM WHALE IN THE
NORTH-PACIFIC.
SCI. REP. WHALES RES. INST., TOKYO, 20, 1966: 1-16.
CHAPTER 7.4.

888 OKIYAMA, M.
EARLY LIFE-HISTORY OF THE GONOSTOMATID FISH,
MAUROLICUS-MUELLERI (GMELIN), IN THE JAPAN-SEA.
BULL. JAP. SEA REG. FISH. RES. LAB. 23,
1971: 21-53.
CHAPTER 7.4.

889 OLDALE, R.N.
HATHAWAY, J.C.
DILLON, W.P.
HENDRICKS, J.D.
ROBB, J.M.
GEOPHYSICAL-OBSERVATIONS ON NORTHERN PART OF
GEORGES-BANK AND ADJACENT BASINS OF GULF-OF-MAINE.
AMER. ASSOC. PETROL. GEOL. BULL., V. 58, NO. 12,
1974: 2411-2427.
CHAPTER 5.

890 OMMANNEY, F.D.
LOST LEVIATHON.
DODD, MEAD AND CO., N.Y., 240 PP. 1971.
CHAPTER 7.4.

891 OWEN, DAVID M.
EMERY, K.O.
CURRENT-MARKINGS ON THE CONTINENTAL-SLOPE.
DEEP-SEA PHOTOGR., JOHNS HOPKINS OCEANOGR. STUDIES
NO. 3, BALTIMORE, MD., JOHNS HOPKINS PRESS, 1967:
147-172, WHOI REF. AR-39.
CHAPTER 5.

892 OWEN, DAVID M.
SANDERS, H.L.
MESSLER, ROBERT B.
BOTTOM PHOTOGRAPHY AS A TOOL FOR ESTIMATING
BENTHIC-POPULATIONS.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-38,
DEEP-SEA PHOTOGR., CHAP. 21, JOHNS HOPKINS
OCEANOGR. STUDIES NO. 3, 1967: 279-284.
CHAPTER 7.3.

893 PALMER, HAROLD D.
LEAR, DONALD W.
ENVIRONMENTAL-SURVEY OF AN INTERIM DUMPSITE.
MIDDLE-ATLANTIC-BIGHT. CRUISE REPORT 1-5 MAY, 1973.
U.S. ENVIRON. PROT. AGENCY, REGION III.
PHILADELPHIA, PA. SEPTEMBER 1973.

894 PALMER, HAROLD D.
OFFSHORE-REGION. GEOLOGY OF OFFSHORE-PROVINCES.
IN: TRIGON-PARC. A SOCIO-ECONOMIC AND ENVIRONMENTAL
INVENTORY OF THE NORTH ATLANTIC REGION. 3-1 TO 3-74.
1974.
CHAPTER 5.

895 PALMER, R.S.
HANDBOOK OF NORTH AMERICAN BIRDS.
VOL. 1. LOONS THROUGH FLAMINGOS. 567 P. 1962.
CHAPTER 7.5.

896 PARIN, N.V.
IKHTIOFAUNA OKEANOSKOI EPIPELOGIAL: (ICHTHYOFAUNA
OF THE PELAGIC-ZONE).
AKAD. NAUK SSSR TR. INST. OCEANOL. MOSKVA. (TRANS.
BY M. RAVEN. 1970 ISRAEL PROGRAM SCI. TRANSL.:
1968. 206 P.
CHAPTER 7.4.

897 PARKE, M.F.
A BOTTOM-HOMOGENEOUS-LAYER NEAR THE SHELF MARGIN
SOUTH OF CAPE-COD.
WOODS HOLE OCEANOGR. INST.: (UNPUBLISHED MANUSCRIPT).
1972.
CHAPTER 4.

898 PARKER, C.E.
SOME DIRECT OBSERVATIONS OF CURRENTS IN THE
GULF-STREAM.
WOODS HOLE OCEANOGR. INST. REF. NO. 73-29.
DEEP-SEA RES.: V. 19. 1972: 879-893.

899 PARKER, C.E.
GULF-STREAM-RINGS IN THE SARGASSO-SEA.
DEEP SEA RES. V. 18. 1971: 981-993.
CHAPTER 4.

900 PARKER, C.E.
THE NATURAL-RHYTHM OF THE SPEED AND POSITION OF
THE GULF-STREAM.
IN: FINAL REPORT NASA CONTRACT NAS 8-26882.
TASK A. CONTINUED STUDY OF DATA FROM ENVIRONMENTAL
RESEARCH BUOY. 1973.
CHAPTER 4.

901 PARKER, C.E.
CURRENTS AT THE EDGE OF THE CONTINENTAL-SHELF SOUTH
OF CAPE-COD.
PROPOSAL SUBMITTED TO NAT. SCI. FOUND. BY WOODS
HOLE, MASS. 1975.
CHAPTER 4.

902 PARKER, F.L.
FORAMINIFERA OF THE CONTINENTAL-SHELF FROM THE
GULF-OF-MAINE TO MARYLAND.
HARVARD UNIV. MUS. COMP. ZOOL. BULL.: 100.
1948: 214-241.

903 PARKER, F.L.
ZONING OF THE CONTINENTAL-SHELF FORAMINIFERA FROM
THE GULF-OF-MAINE TO CAPE-HATTERAS.
ABSTR. BULL. GEOL. SOC. AMER. V. 52. NO. 12. 1972.
1941.

904 PARKER, R.S.
CLAM-SURVEY OFF THE UNITED-STATES
MIDDLE-ATLANTIC-COAST - 1963.
COMMER. FISH. REV.: V. 28. NO. 3. 1966: 1-9.

905 PARKER, R.S.
MCRAE, ERNEST D.: JR.
THE OCEAN QUAHOG ARCTICA-ISLANDICA RESOURCE OF THE
NORTHWESTERN-ATLANTIC.
U.S. NOAA FISH IN. RES. 6. 1970: 185-195.

906 PARR, A.E.
THE MACROURIDAE OF THE WESTERN-NORTH-ATLANTIC AND
CENTRAL AMERICAN SEAS.
BULL. BINGHAM OCEANOGR. COLLECT.: V. 10. NO. 1.
1946: 1-99.
CHAPTER 7.3.

907 PARR, A.E.
DEEP-SEA EELS. EXCLUSIVE OF LARVAL-FORMS.
BULL. BINGHAM OCEANOGR. COLLECT.: V. 3. NO. 5.
1932: 1-41.
CHAPTER 7.3.

908 PAUL, A.Z.
TRAPPING AND RECOVERY OF LIVING DEEP-SEA
AMPHIPODS FROM THE ARCTIC-OCEAN-FLOOR.
DEEP-SEA RES.: 20: 1973: 289-290.
CHAPTER 7.3.

909 PAUL, J.R.
RISSO'S DOLPHIN, GRAMPUS-GRISEUS, IN THE GULF-OF-MEXICO.
J. MAMMAL., 49, 1968: 744-748.
CHAPTER 7.4.

910 PAUTOT, GUY.
AUZENDE, JEAN-MARIE.
LE PICHON, XAVIER.
CONTINUOUS DEEP-SEA SALT-LAYER ALONG THE NORTH ATLANTIC MARGINS RELATED TO EARLY PHASE OF RIFTING.
NATURE, V. 227, 1970: 351-354.

911 PAYNE, ROGER.
WERR, DOUGLAS.
ORIENTATION BY MEANS OF LONG RANGE ACOUSTIC-SIGNALING IN BALEEN WHALES.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-44.
ANNALS NEW YORK ACAD. SCI., V. 188, DEC. 1971: 110-142.

912 PAYNE, ROGER.
MCVAY, S.
SONGS OF HUMPBACK WHALES.
SCIENCE 173 (3997), 1971: 585-597.
CHAPTER 7.4.

913 PAYNE, ROGER.
CURTSINGER, W.R.
NICHLIN, C.R., JR.
SWIMMING WITH RIGHT WHALES.
NAT. GEOGR., V. 142, NO. 4, 1972: 574-586.
CHAPTER 7.4.

914 PEARCE, J.R.
A BIBLIOGRAPHY ON MARINE BENTHIC-INVESTIGATIONS.
1967.

915 PEARCE, J.R.
THOMAS, JAMES.
GREIG, RICHARD.
A PRELIMINARY INVESTIGATION OF THE BENTHIC-RESOURCES AT DEEP-WATER-DISPOSAL-SITE 106.
MID. ATL. COASTAL FISH. CENTER, ECOSYST. INVEST., INFORMAL REP. NO. 37, OCTOBER 1974.
CHAPTER 8, 7.3, 9.

916 PEARCE, J.R.
THE EFFECTS OF SOLID-WASTE-DISPOSAL ON BENTHIC-COMMUNITIES IN THE NEW-YORK-BIGHT.
IN: MARINE POLLUTION AND SEA LIFE, M. RUIVO (ED.), FAO, FISHING NEWS BOOKS LTD., LONDON, 1972: 404-411.

917 PEARCY, W.G.
AMBLER, J.W.
FOOD-HABITS OF DEEP-SEA MACROURID FISHES OFF THE OREGON COAST.
DEEP-SEA RES., 21, 1974: 745-759.
CHAPTER 7.3.

918 PEARSON, T.G.
BRIMLEY, C.S.
BRIMLEY, H.H.
BIRDS OF NORTH-CAROLINA.
REVISED ED. N.C. DEP. OF AGR. 1959.
CHAPTER 7.5.

919 PECHENIK, L.N.
TROYANOVSKIR, F.N.
TRAWLING-RESOURCES ON THE NORTH-ATLANTIC CONTINENTAL-SLOPE.
MAIN ADMIN. OF THE IND., NORTHERN BASES, MURMANSK, 1970. 65 P. (ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS).
CHAPTER 7.3.

920 PERKINS, H.C.
THE LARVAL STAGES OF THE DEEP-SEA RED CRAB, GERYON-QUINQUEDENS (SMITH), REARED UNDER LABORATORY CONDITIONS (DECAPODA: BRACHYRHYNCHA).
FISH. BULL., 71, 1973: 69-82.
CHAPTER 7.3.

921 PERKINS, H.C.
SKUD, B.E.
BODY-PROPORTIONS AND MATURITY OF FEMALE LOBSTERS.
AMER. ZOOL., V. 6, NO. 4, 1966. 615 P.
CHAPTER 7.3.

922 PERKINS, P.J.
COMMUNICATION SOUNDS OF FINBACK WHALES.
NORSK HVALFANGSTTID, V. 55, NO. 10, 1966: 199-200.
CHAPTER 7.4.

923 PETERSON, R.T.
A FIELD-GUIDE TO THE BIRDS (EAST OF THE ROCKIES).
BOSTON, HOUGHTON MIFFLIN CO. 230 P. 1947.
CHAPTER 7.5.

924 PETTIBONE, M.H.
MARINE POLYCHAETE-WORMS OF THE NEW-ENGLAND REGION.
I. APHRODITIDAE THROUGH TROCHOCHAETIDAE. BULL.
U.S. NAT. MUS., 227: 1963: 1-356.
CHAPTER 7.3.

925 PHIPPS, C.V.G.
KING, L.H.
CHEMICAL, MINERALOGICAL, AND TEXTURAL VARIATIONS
IN SEDIMENTS FROM THE SCOTIAN-SHELF.
MAR. SEDIMENTS, V. 5: 1969: 101-112.

926 PHLEGER, F.B., JR.
FORAMINIFERAL-DEPTH-ZONES FROM THE CONTINENTAL-SLOPE.
BULL. GEOL. SOC. AMER., V. 52, NO. 12: 1941 AND 1973.

927 PHLEGER, F.B., JR.
FORAMINIFERA OF SUBMARINE-CORES FROM THE
CONTINENTAL-SLOPE, PART II.
BULL. GEOL. SOC. AMER., 53: 1942: 1073-1097.

928 PHLEGER, F.B., JR.
FORAMINIFERA OF SUBMARINE-CORES FROM THE
CONTINENTAL-SLOPE.
BULL. GEOL. SOC. AMER., 50: 1939: 1395-1422.

929 PIERCE, E.L.
THE CHAETOGNATHA OVER THE CONTINENTAL-SHELF OF
NORTH-CAROLINA WITH ATTENTION TO THEIR RELATION
TO THE HYDROGRAPHY OF THE AREA.
J. MAR. RES., V. 12, NO. 1: 1953: 75-93.

930 PIPPS, M.
ACCIDENTAL OCCURRENCE OF THE PYGMY SPERM WHALE,
KOGIA-BREVICEPS, ON THE COAST OF NOVA-SCOTIA: AN
EXTENSION OF ITS KNOWN RANGE.
PROC. AND TRANS. NOVA SCOTIAN INST. SCI. 15: 1923:
95-114, HALIFAX.
CHAPTER 7.4.

931 PIERSON, W.J.
RECENT PROGRESS IN THE NUMERICAL PREDICTION OF
OF OCEAN-WAVES.
ASLO SPECIAL SYMPOSIUM ON THE MIDDLE ATLANTIC
CONTINENTAL SHELF AND NEW YORK BIGHT, NEW YORK CITY.
ABSTRACT ONLY, NOV. 3-5: 1975.
CHAPTER 4.

932 PILKEY, O.H.
HEAVY-MINERALS OF THE UNITED-STATES SOUTH ATLANTIC
CONTINENTAL-SHELF-AND-SLOPE.
GEOL. SOC. AMER. BULL., V. 74: 1963: 641-648.

933 PILKEY, O.H.
THE SIZE DISTRIBUTION AND MINERALOGY OF THE
CARBONATE-FRACTION OF UNITED-STATES SOUTH
ATLANTIC SHELF AND UPPER SLOPE SEDIMENTS.
MAR. GEOL., V. 2: 1964: 121-136.

934 PILKEY, O.H.
LUTERNAUER, J.L.
A NORTH-CAROLINA SHELF PHOSPHATE-DEPOSIT OF
POSSIBLE COMMERCIAL INTEREST.
SOUTHEAST. GEOL., V. 8: 1967: 33-51.

935 PILKEY, O.H.
MACINTYRE, I.G.
UCHUPI, ELAZAR.
SHALLOW STRUCTURES: SHELF-EDGE OF CONTINENTAL-MARGIN
BETWEEN CAPE-HATTERAS AND CAPE-FEAR, NORTH-CAROLINA.
AMER. ASS. PETROL. GEOL. BULL. NO. 55: NO. 1:
1971: 110-115.

936 PILLERI, G.
INVESTIGATIONS ON CETACEA.
UNIV. OF BERNE, SWITZERLAND, 1971: 101-170.
CHAPTER 7.4.

937 PILSON, M.E.Q.
GOLDSTEIN, E.
MARINE MAMMALS.
PART 7 OF COASTAL AND OFFSHORE ENVIRONMENTAL
INVENTORY, CAPE HATTERAS TO NANTUCKET SHOALS. MAR.
PUBL. SER. NO. 2, UNIV. RHODE ISLAND, KINGSTON,
R.I. 48 PP. 1973.
CHAPTER 7.4.

938 PLOUGH, HAROLD H.
GENETIC-POLYMORPHISM IN A STALKED ASCIDIAN FROM
THE GULF-OF-MAINE.
J. OF HERED., V. 60, NO. 4: 1969: 193-205.

939 PLUNKETT, MARY A.
THE QUALITATIVE DETERMINATION OF SOME ORGANIC-COMPOUNDS
IN MARINE SEDIMENTS.
DEEP-SEA RES., V. 4: 1957: 259-262.

940 PODRAZHANSKAYA, S.G.
FEEDING AND MIGRATIONS OF THE ROUNDNOSE GRENADIER, MACROURUS-RUPESTRIS, IN THE NORTHWEST-ATLANTIC AND ICELAND WATERS.
INT. COMM. NW ATL. FISH., REDBOOK, PART III SELECTED PAPERS, DEC. 1971: 115-124.

941 POLLAK, M.J.
HYDROGRAPHY OF THE WESTERN-ATLANTIC: HYDROGRAPHY OF THE SUBSURFACE SLOPE-WATER.
WOODS HOLE OCEANOGR. INST. TECH. REP. NO. 5.
AUG. 1947.
CHAPTER 4.

942 POLLONI, P.T.
ROWE, GILBERT T.
TEAL, J.M.
PIREMIS-BLADNI (POLYCHAETA: TEREBELLIDAE), NEW SPECIES, CAUGHT BY DSRV ALVIN IN THE TONGUE-OF-THE-OCEAN, NEW-PROVIDENCE, BAHAMAS.
WOODS HOLE OCEANOGR. INST. REF. NO. 73-40.
SEP. 1973. MAR. BIOL.. V. 20. 1973: 170-175.

943 PORT AUTHORITY OF NEW YORK AND NEW JERSEY.
FOREIGN-TRADE '74 - THE PORT OF NEW-YORK AND NEW-JERSEY.
NEW YORK, N.Y.. 1975.

944 PORT AUTHORITY OF NEW YORK AND NEW JERSEY.
MISSION NORTH-ATLANTIC.
VIA PORT OF NEW YORK, V. 24. NO. 2. FEB. 1974: 6-9.
CHAPTER 11.

945 PORTER, HUGH J.
THE NORTH-CAROLINA MARINE AND ESTUARINE MOLLUSCA - AN ATLAS OF OCCURRENCE.
UNIV. N.C.. INST. MAR. SCI.. MAY 1974.

946 POURTALES, L.F.
CONSTITUTION OF THE BOTTOM OF THE OCEAN OFF CAPE-HATTERAS.
BOSTON SOC. NATUR. HIST. PROC.. V.14. 1871: 58-59.

947 POWLES, P.M.
KOHLER, A.C.
DEPTH DISTRIBUTION OF VARIOUS STAGES OF WITCH FLOUNDER, GLYPTOCEPHALUS-CYNOGLOSSUS, OFF NOVA-SCOTIA AND IN THE GULF-OF-ST-LAWRENCE.
J. FISH. RES. BD. CAN.. 27. 1970: 2053-2062.
CHAPTER 7.9.

948 PRATT, R.M.
THE SEAWARD-EXTENSION OF SUBMARINE-CANYONS OFF THE NORTHEAST COAST OF THE UNITED-STATES.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-73.
DEEP-SEA RES.. V. 14. NO. 4. 1967: 409-420.

949 PRATT, R.M.
SCHLEE, J.S.
GLACIATION ON THE CONTINENTAL-MARGIN OFF NEW-ENGLAND.
GEOL. SOC. AMER. BULL.. V. 80. NO. 11.
1969: 2335-2342.

950 PRATT, R.M.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES: PHYSIOGRAPHY AND SEDIMENTS OF THE DEEP-SEA-BASIN.
U.S. GEOL. SURV. PROF. PAP. 529-B. 44 P.. 1968.
CHAPTER 5. 6.

951 PRATT, S.D.
SAILA, S.B.
GAINES, A.G.. JR.
KROW, J.F.
BIOLOGICAL-EFFECTS OF OCEAN-DISPOSAL OF SOLID-WASTE.
GRAD. SCH. OF OCEANOGR.. UNIV. OF R.I.. MAR. TECH. REP. SER. NO. 9. 1973.
CHAPTER 9.

952 PRESBERG, D.L.
DUNKLE, W.M.
TRACK-CHARTS, BATHYMETRY, AND LOCATION OF OBSERVATIONS, CHAIN-CRUISE NO. 35: NORTHWEST-ATLANTIC OCEAN, CONTINENTAL-SLOPE-AND-RISE SOUTHEAST OF CAPE-COD, ABYSSAL-HILLS, SOUTHEAST OF BERMUDA, AUGUST 23 - SEPTEMBER 23, 1963.
WOODS HOLE OCEANOGR. INST. REP. NO. WHOI-REP-64-24.
1965. 2 P.

953 PRINSENBERG, SIMON J.
INTERNAL WAVE-GENERATION FROM A STEP-LIKE, CONSTANT SLOPE CONTINENTAL-SHELF.
PH.D. THESIS, UNIV. WASH.. 1971.

954 RABINOWITZ, P.D.
THE BOUNDARY BETWEEN OCEANIC AND CONTINENTAL CRUST IN THE WESTERN-NORTH-ATLANTIC.
IN: C.A. BUCK AND C.L. DRAKE (EDS.): THE GEOLOGY OF CONTINENTAL MARGINS: NEW YORK, SPRINGER VERLAG. 1974: 67-84.
CHAPTER 5.

955 RABINOWITZ, P.D.
THE CONTINENTAL-MARGIN OF THE NORTHWEST-ATLANTIC OCEAN: A GEOPHYSICAL-STUDY.
PH.D. THESIS, COLUMBIA UNIV., NEW YORK, 1973.
CHAPTER 5.

956 RADCLIFFE, LEWIS.
THE OFFSHORE FISHING-GROUNDS OF NORTH-CAROLINA.
BUR. FISH., ECON. CIRC. NO. 8, 1914, 8 P.

957 RAKESTRAW, N.W.
PHOSPHORUS AND NITROGEN IN THE NERITIC-WATERS OF THE GULF-OF-MAINE.
INT. REV. HYDROBIOL. V. 27, NO. 1, 1932: 151-160.
CHAPTER 4.

958 RAKESTRAW, N.W.
STUDIES OF THE BIOLOGY AND CHEMISTRY OF THE GULF-OF-MAINE.
IN: CHEMISTRY OF THE WATERS OF THE GULF-OF-MAINE IN AUGUST, 1932. BIOL. BULL. 64, 1933: 149-158.
CHAPTER 6.

959 RAKESTRAW, N.W.
THE OCCURRENCE AND SIGNIFICANCE OF NO3 IN THE SEA.
BIOL. BULL., 71, 1936: 133-167.
CHAPTER 6.

960 RATHBUN, M.J.
THE OXYSTOMATOUS AND ALLIED CRABS OF AMERICA.
BULL. U.S. NAT. MUS. 166, 1937: 1-278.
CHAPTER 7.3.

961 RATHJEN, W.F.
NEW-ENGLAND FISHERIES-DEVELOPMENT PROGRAM.
MAR. FISH. REV., V. 36, NO. 11, 1974: 23-29.
CHAPTER 10.

962 RATHJEN, W.F.
NORTHWEST-ATLANTIC SQUIDS.
MAR. FISH. REV. 35, NO. 12, 1973: 20-26.
CHAPTER 10.

963 RAVEN, H.C.
NOTES ON THE TAXONOMY AND OSTEOLOGY OF TWO SPECIES OF MESOPLODON, MESOPLODON-EVTODAEUS GERVAIS, MESOPLODON-MIRUS TRUE.
NOVITATES (AMER. MUS. NATUR. HIST.) NO. 903, PP 1-30, 15 FIGS, 1937.
CHAPTER 7.4.

964 RAYMONT, J.E.
PLANKTON AND PRODUCTIVITY IN THE OCEANS.
MACMILLAN CO., NEW YORK, 1963.
CHAPTER 7.1; 7.2.

965 REDFIELD, A.C.
THE INFLUENCE OF THE CONTINENTAL-SHELF ON THE TIDES OF THE ATLANTIC COAST OF THE UNITED-STATES.
J. MAR. RES. 17, 1958: 442-448.

966 REDFIELD, A.C.
AN ECOLOGICAL ASPECT OF THE GULF-STREAM.
NATURE, 138, 1936.
CHAPTER 7.1; 7.2.

967 REDFIELD, A.C.
THE DISTRIBUTION OF PHOSPHORUS IN THE DEEP-OCEANS OF THE WORLD.
ASS. OCEANOGR. PHYS., UNION GEODES. ET GEOPHYS. INT., PROC. VERB., NO. 1, 1961: 189-193.

968 REDFIELD, A.C.
KEYS, A.B.
THE DISTRIBUTION OF AMMONIA IN THE WATERS OF THE GULF-OF-MAINE.
BIOL. BULL., V. 74, NO. 1, 1938: 83-92.
CHAPTER 6.

969 REDFIELD, A.C.
SKIRROW, R.B.
KETCHUM, B.H.
THE CYCLE OF ORGANIC-PHOSPHORUS IN THE GULF-OF-MAINE.
BIOL. BULL., 73, 1937: 421-441.
CHAPTER 6.

970 REGAL, RONALD.
WUNSCH, CARL.
M2-TIDAL CURRENTS IN THE WESTERN-NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 73-62.
DEEP-SEA., V. 20, 1973: 493-502.

971 REITZEL, JOHN.
SOME HEAT-FLOW MEASUREMENTS IN THE NORTH-ATLANTIC.
J. GEOPHYS. RES., V. 66, NO. 7, 1961: 2267-2268.

972 REMSEN, CHARLES C.
THE DISTRIBUTION OF UREA IN COASTAL AND OCEANIC-WATERS.
LIMNOL. AND OCEANOGR., V. 16, NO. 5, 1971: 732-740.
CHAPTER 6.

973 REX, M.A.
DEEP-SEA SPECIES-DIVERSITY: DECREASED GASTROPOD DIVERSITY AT ABYSSAL-DEPTHS.
SCIENCE, 181, 1973: 1051-1053.
CHAPTER 7.3.

974 RHOADES, D.C.
RATES OF SEDIMENT-REWORKING BY YOLDIA-LIMATULA IN BUZZARDS-BAY, MASS., AND LONG-ISLAND-SOUND.
J. SEDIMENT. PETROLOGY, 33, 1963: 723-727.
CHAPTER 6.

975 RICE, D.W.
SCHEFFER, V.B.
A LIST OF THE MARINE MAMMALS OF THE WORLD.
U.S. FISH AND WILDLIFE SERV., SPEC. SCI. REP. FISH. NO. 579, 1968, 16 P.
CHAPTER 7.4.

976 RICE, D.W.
SOUNDERS OF THE DEEP-SPERM WHALES.
IN: A. SEED. (ED.) TOOTHED WHALES IN EASTERN NORTH PACIFIC WATERS. PACIFIC SEARCH BOOKS, SEATTLE, WASHINGTON, PP 17-20, 1971.
CHAPTER 7.4.

977 RICE, D.W.
BLUE WHALE.
IN: A SEED. (ED.) BALEEN WHALES IN EASTERN NORTH PACIFIC AND ARCTIC WATERS. PACIFIC SEARCH BOOKS, SEATTLE, WASHINGTON, PP 31-37, 1972.
CHAPTER 7.4.

978 RICE, H.V.
MCLEOD, G.C.
LEIGHTY, D.A.
THE EFFECTS OF SOME TRACE-METALS ON MARINE PHYTOPLANKTON.
CRC CRIT. REV. IN MICROBIO., V. 3, NO. 1, 1973: 27-49.
CHAPTER 4.

979 RICH, WALTER H.
RANDOM NOTES ON THE BIRDS ON THE OFFSHORE FISHING-GROUNDS OF THE GULF-OF-MAINE.
ME. NATUR., V. IX, NO. 1, MARCH 1929: 3-24.
CHAPTER 7.5.

980 RICHARDS, C.E.
AGE, GROWTH, AND DISTRIBUTION OF THE BLACK-DRUM, POGONIAS-CROMIS IN VIRGINIA.
TRANS. AMER. FISH. SOC. (IN PRESS).

981 RICHARDS, D.A.
GEGG, S.R.
GROMAN, R.C.
PRELIMINARY CRUISE REPORT AND INDEX-OF-GEOPHYSICAL-DATA CHAIN 115 LEG 1.
WOODS HOLE OCEANOGR. INST. TECH. REP. WHOI-74-38, 1974.

982 RICHARDS, F.A.
DISSOLVED SILICATE AND RELATED PROPERTIES OF SOME WESTERN-NORTH-ATLANTIC AND CARIBBEAN WATERS.
J. MAR. RES., 17, 1958: 449-465.

983 RICHARDS, S.W.
KENDALL, A.W.
DISTRIBUTION OF SAND-LAUNCE, AMMODYTES-SP., LARVAE ON THE CONTINENTAL-SHELF FROM CAPE-COD TO CAPE-HATTERAS FROM RV-DOLPHIN SURVEYS IN 1966.
FISH. BULL., V. 71, NO. 2, 1973: 371-384.

984 RICHARDSON, PHILIP L.
KNAUSS, J.A.
TRANSPORT AND VELOCITY OF THE GULF-STREAM AT CAPE-HATTERAS.
UNIV. OF R.I., GRAD. SCH. OCEANOGR. TECH. REP. NO. 71, REF. NO. 70-1, 1970, 110 P.
CHAPTER 4.

985 RICHARDSON, PHILIP L.
CURRENT-MEASUREMENTS UNDER THE GULF-STREAM NEAR CAPE-HATTERAS, NORTH-CAROLINA.
GRAD. SCH. OCEANOGR., NARRAGANSETT MAR. LAB., UNIV. R.I., TECH. REP. REF. NO.74-3, MAY 1974. 141 P.
CHAPTER 4.

986 RICHARDSON, PHILIP L.
KNAUSS, J.A.
GULF-STREAM AND WESTERN-BOUNDARY-UNDERCURRENT OBSERVATIONS AT CAPE-HATTERAS.
DEEP SEA RES., V. 18, 1971: 1089-1110.
CHAPTER 4.

987 RICHARDSON, SALLY L.
JOSEPH, EDWIN B.
LARVAE AND YOUNG OF WESTERN-NORTH-ATLANTIC BOTHID
FLATFISHES, ETROPUS-MICROSTOMUS AND CITHARICHTYS-ARCTIFRONS
IN THE CHESAPEAKE-BIGHT.
FISH. BULL. 71, 1973: 735-767.

988 RICHARDSON, SALLY L.
EGGS-AND-LARVAE OF THE OPHICHTHID EEL,
PISODONOPHIS-CRUENTIFER, FROM THE CHESAPEAKE-BIGHT,
WESTERN-NORTH-ATLANTIC.
CHESAPEAKE SCI., V. 15, NO. 3, 1974: 151-181.

989 RIEHL, HERBERT.
MALKUS, JOANNE S.
SOME ASPECTS OF HURRICANE-DAISY, 1958.
TELLUS, V. 13, NO. 2, 1961: 181-213.

990 RILEY, G.A.
GORDY, S.
QUANTITATIVE STUDIES OF SUMMER PLANKTON-POPULATIONS
OF THE WESTERN-NORTH-ATLANTIC.
J. MAR. RES., V. 7, NO. 2, 1948: 100-121.
CHAPTER 7.1, 7.2.

991 RILEY, G.A.
STOMMEL, H.
BUMPUS, D.F.
QUANTITATIVE ECOLOGY OF THE PLANKTON OF THE
WESTERN-NORTH-ATLANTIC.
BULL. BINGHAM OCEANOGR. COLLECT., V. 12, NO. 3,
1949: 1-169.
CHAPTER 7.1, 7.2.

992 RILEY, G.A.
CONOVER, S.A.M.
OCEANOGRAPHY OF LONG-ISLAND-SOUND, 1952-1954, III:
CHEMICAL-OCEANOGRAPHY.
BULL. BINGHAM COLLECT., 15, 1956: 47-61.

993 RILEY, G.A.
OXYGEN, PHOSPHATE, AND NITRATE IN THE ATLANTIC OCEAN.
BULL. BINGHAM OCEANOGR. COLLECT., 13, 1951: 1-126.

994 RILEY, G.A.
PLANKTON STUDIES: II, WESTERN-NORTH-ATLANTIC,
MAY-JUNE 1939.
J. MAR. RES. V. 2, 1939: 145-162.
CHAPTER 7.1.

995 RILEY, G.A.
NUTRIENT-ENRICHMENT IN THE GULF-OF-ST-LAWRENCE
AND THE CONTINENTAL-SHELF OF NORTHEASTERN-NORTH-AMERICA.
ASLO ANNUAL MEETING, HALIFAX, ABSTRACT ONLY,
JUNE, 1975.
CHAPTER 4.

996 RISEBROUGH, R.W.
VREELAND, VALERIE.
HARVEY, GEORGE R.
MIKLAS, HELEN P.
CARMIGNANI, GARY M.
PCB-RESIDUES IN ATLANTIC ZOOPLANKTON.
BULL. ENVIRON. CONTAMINATION TOXICOL., V. 8, NO. 6,
1972: 345-355.
CHAPTER 7.2.

997 ROBBINS, C.S.
BRUUN, B.
ZIM, H.S.
BIRDS OF NORTH-AMERICA.
NEW YORK, GOLDEN PRESS, 340 P. 1966.
CHAPTER 7.5.

998 ROBERSON, MICHEL I.
CONTINUOUS SEISMIC-PROFILER-SURVEY OF OCEANOGRAPHER,
GILBERT, AND LYDONIA SUBMARINE-CANYONS, GEORGES-BANK.
J. GEOPHYS. RES., V. 69, NO. 22, 1964: 4779-4789.

999 ROBERTSON, D.
SURVIVE THE SAVAGE SEA.
PRAEGER PUBL., N.Y., 269 PP. 1973.
CHAPTER 7.4.

1000 ROFEN, R.R.
FAMILY PARALEPIDIDAE.
IN: Y.H.OLSEN (ED.) FISHES OF THE WESTERN NORTH
ATLANTIC. MEM. SEARS FOUND. MAR. RES., V. 1,
NO. 5, 1966: 205-460.
CHAPTER 7.4.

1002 RONA, P.A.
SUBMARINE-CANYON ORIGIN ON UPPER CONTINENTAL-SLOPE OF UNITED-STATES: DEPOSITION AND EROSION.
AMER. ASS. PETROL. GEOL., V. 78, 1970: 141-152.

1003 RONA, P.A.
SCHNEIDER, E.D.
MEEZEN, A.C.
TOPOGRAPHY OF THE CONTINENTAL-RISE OFF CAPE-HATTERAS.
DEEP-SEA RES., V. 14, 1967: 625-633.

1004 RONA, P.A.
A SEISMIC AND SEDIMENTOLOGICAL-INVESTIGATION OF THE CONTINENTAL-TERRACE, CONTINENTAL-RISE, AND ABYSSAL-PLAIN OFF CAPE-HATTERAS, NORTH-CAROLINA.
PH.D. THESIS, YALE UNIV., 1967.

1005 RONA, P.A.
MIDDLE-ATLANTIC CONTINENTAL SLOPE OF THE UNITED-STATES: DEPOSITION AND EROSION.
AMER. ASS. PETROL. GEOL. BULL., V. 57, 1969: 1453-1468.

1007 ROSS, D.A.
CURRENT-ACTION IN A SUBMARINE-CANYON.
NATURE, V. 218, 1968: 1242-1244.
CHAPTER 4, 8.

1008 ROSS, D.A.
GEOLOGICAL-OBSERVATIONS FROM ALVIN.
WOODS HOLE OCEANOGR. INST., REF. NO. 69-13, 1969: 71-72.
CHAPTER 5.

1009 ROSS, D.A.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES, HEAVY-MINERALS OF THE CONTINENTAL-MARGIN FROM SOUTHERN NOVA-SCOTIA TO NORTHERN NEW-JERSEY.
WASHINGTON, D.C., U.S. GEOL. SURV. PROF. PAP. 529-G, 1970. 40 PP
CHAPTER 5.

1010 ROSS, D.A.
A STUDY OF THE SOURCE AND RECENT GEOLOGIC-HISTORY OF THE HEAVY-MINERALS ON THE ATLANTIC CONTINENTAL-MARGIN.
U.S. GEOL. SURV. PROF. PAP., NO. 529-G, 1970: 01-040.

1011 ROSS, D.A.
SOURCE AND DISPERSION OF SURFACE SEDIMENTS IN THE GULF-OF-MAINE - GEORGES-BANK AREA.
J. SEDIMENT. PETROLOGY, V. 40, NO. 3, 1970: 906-920.

1012 ROSS, D.A.
HEAVY-MINERAL ASSEMBLAGES IN THE NEARSHORE SURFACE SEDIMENTS OF THE GULF-OF-MAINE.
U.S. GEOL. SURV. PROJ. PAP. 575-C, 1967: 77-80.
CHAPTER 5.

1013 ROSS, D.A.
BIOLOGICAL OBSERVATIONS FROM ALVIN.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-13, 1969: 71-72.
CHAPTER 8.

1014 ROSSBY, C.G.
DYNAMICS OF STEADY-STATE OCEAN CURRENTS IN THE LIGHT OF EXPERIMENTAL FLUID-MECHANICS.
PAP. PHYS. OCEANOGR. METEOROL., 5, 1936.
CHAPTER 7.1, 4, 7.2.

1015 ROWE, GILBERT T.
MENZEL, D.W.
QUANTITATIVE BENTHIC SAMPLES FROM THE DEEP GULF-OF-MEXICO WITH SOME COMMENTS ON THE MEASUREMENT OF DEEP-SEA BIOMASS.
BULL. MAR. SCI., 21, 1971: 556-564.

1016 ROWE, GILBERT T.
OBSERVATIONS ON BOTTOM CURRENTS AND EPIBENTHIC-POPULATIONS IN HATTERAS SUBMARINE-CANYON.
DEEP-SEA RES., V. 18, NO. 6, 1971: 569-581.
CHAPTER 4, 7.3.

1017 ROWE, GILBERT T.
THE EXPLORATION OF SUBMARINE-CANYONS AND THEIR BENTHIC-FAUNAL-ASSEMBLAGES.
PROC. ROY. SOC. EDINBURGH, SER. B., V. 73, 1972: 159-169.
CHAPTER 8, 7.3.

1018 ROWE, GILBERT T.
BENTHIC-BIOMASS AND SURFACE PRODUCTIVITY.
IN: FERTILITY OF THE SEA, JOHN D. COSTLOW, (ED.).
GORDON AND BREACH SCI. PUBL. 2, 1971: 441-454.
CHAPTER 8, 7.3.

1019 ROWE, GILBERT T.
MENZIES, R.J.
DEEP BOTTOM CURRENTS OFF THE COAST OF NORTH-CAROLINA.
DEEP-SEA RES., V. 15, 1968: 711-719.
CHAPTER 6, 7.3.

1020 ROWE, GILBERT T.
MENZIES, R.J.
ZONATION OF LARGE BENTHIC-INVERTEBRATES IN THE
DEEP-SEA OFF THE CAROLINAS.
DEEP-SEA RES., 16, 1969: 531-537.
CHAPTER 8, 7.3.

1021 ROWE, GILBERT T.
KELLER, GEORGE H.
EDGARTON, H.
STAPESINIC, NICHOLAS.
MACILVAINE, J.
TIME-LAPSE PHOTOGRAPHY OF THE BIOLOGICAL-REWORKING
OF SEDIMENTS IN HUDSON SUBMARINE-CANYON.
J. SEDIMENT. PETROLOGY, V. 44, NO. 2, 1974: 549-552.
CHAPTER 8, 7.3.

1022 ROWE, GILBERT T.
DISTRIBUTION-PATTERNS IN POPULATIONS OF LARGE,
DEEP-SEA BENTHIC INVERTEBRATES OFF NORTH-CAROLINA.
DOCTORAL THESIS, DUKE UNIV., DURHAM, N.C. 1968, 296 P.
CHAPTER 7.3.

1023 ROWE, GILBERT T.
POLLONI, P.T.
HORNER, S.G.
BENTHIC-BIOMASS ESTIMATES FROM THE
NORTHWESTERN-ATLANTIC-OCEAN AND THE NORTHERN
GULF-OF-MEXICO.
DEEP-SEA RES., 21, 1974: 641-650.
CHAPTER 7.3.

1024 ROWE, GILBERT, T.
THE EFFECTS OF THE BENTHIC-FAUNA ON THE
PHYSICAL-PROPERTIES OF DEEP-SEA SEDIMENTS.
DEEP-SEA SEDIMENTS, A.L. INDERRITZEN, (ED.), PLENUM,
1974, PP. 381-400.
CHAPTER 7.3.

1025 RUUD, J.T.
THE BLUE WHALE.
SCI. AMER., V. 195, NO. 6, 1956: 46-50.
CHAPTER 7.4.

1026 RUUD, J.T.
JONSGARD, A.
OTTESTAD, P.
AGE-STUDIES ON BLUE WHALES.
HVALRADETS SKRIFTER, 23, 1950: 28-31, 37-39.
CHAPTER 7.4.

1027 RUZECKI, E.P.
NORCROSS, J.J.
WOJCIK, F.J.
OCEANOGRAPHIC-DATA COLLECTED IN THE
CHESAPEAKE-RIGHT OF THE VIRGINIAN-SEA FROM
1966 THROUGH 1969.
GLOUCESTER PT., VA. INST. MAR. SCI.,
DATA REP. NO. 8, 1972. 274 P.

1028 RYTHER, J.H.
YENTSCH, C.S.
THE ESTIMATION OF PHYTOPLANKTON PRODUCTION IN THE
OCEAN FROM CHLOROPHYLL AND LIGHT DATA.
LIMNOL. OCEANOGR., P. 1957: 281-296.

1029 RYTHER, J.H.
YENTSCH, C.S.
PRIMARY-PRODUCTION OF CONTINENTAL-SHELF WATERS
OFF NEW-YORK.
LIMNOL. OCEANOGR., V. 3, NO. 3, 1958: 327-335.
CHAPTER 7.1.

1030 RYTHER, J.H.
GEOGRAPHICAL VARIATIONS IN PRODUCTIVITY.
IN: THE SEA, M.N. HILL (ED.) INTERSCIENCE, LONDON,
1963: 347-380.

1031 RYTHER, J.H.
MENZEL, D.W.
THE SEASONAL AND GEOGRAPHICAL RANGE OF
PRIMARY-PRODUCTION IN THE WESTERN-SARGASSO-SEA.
DEEP-SEA RES., V. 6, NO. 3, 1960: 235-238.

1032 RYTHER, J.H.
KRAMER, DANA D.
RELATIVE IRON-REQUIREMENT OF SOME COASTAL AND
OFFSHORE PLANKTON ALGAE.
ECOLOGY, V. 47, NO. 2, 1961: 444-446.
CHAPTER 7.1.

1033 SAKAGAWA, GARY T.
THE PURSE-SEINE FISHERY FOR BLUEFIN TUNA IN THE NORTHWESTERN-ATLANTIC OCEAN.
MAR. FISH. REV. V. 37. NO. 3. 1975: 1-8.
CHAPTER 10. 7.4.

1034 SAMUELS, E.R.
CANTHORN, M.
LAVER, R.H.
BAKER, A.F.
STRONTIUM-90 AND CESIUM-137 LEVELS IN TISSUES OF FIN WHALE, BALAENOPTERA-PHYSALUS, AND HARP SEAL, PAGOPHILUS-GREENLANDICUS.
CAN. J. ZOOL. 48. 1970: 267-269.
CHAPTER 7.4.

1035 SANDERS, H.L.
LESSLER, R.R.
HAMPSON, G.R.
AN INTRODUCTION TO THE STUDY OF DEEP-SEA FAUNAL-ASSEMBLAGES ALONG THE GAY-HEAD-BERMUDA-TRANSECT.
DEEP-SEA RES., V. 12. NO. 6. 1965: 845-867.
CHAPTER 7.3.

1036 SANDERS, H.L.
BENTHIC MARINE DIVERSITY AND THE STABILITY-TIME-HYPOTHESIS.
DIVERSITY AND STABILITY IN ECOLOGICAL SYSTEMS.
BROOKHAVEN SYMPOSIA IN BIOLOGY. NO. 22. 1969: 71-80.
WOODS HOLE OCEANOGR. INST. CONTRIB. NO. 2353.
CHAPTER 7.3.

1037 SANDERS, H.L.
MARINE BENTHIC DIVERSITY: A COMPARATIVE STUDY.
AMER. NATUR., V. 102. NO. 925. 1968: 243-282.
CHAPTER 7.3. 9.

1038 SANDERS, H.L.
HESSLER, ROBERT R.
ECOLOGY OF THE DEEP-SEA BENTHOS.
SCIENCE, V. 163. NO. 3874. 1969: 1419-1424.
CHAPTER 7.3.

1039 SANDERS, H.L.
TIME, LATITUDE AND STRUCTURE OF MARINE BENTHIC-COMMUNITIES.
ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS.
V. 37. SUPPL., 1965: 83-84.

1040 SANDERS, HOWARD L.
GRASSLE, J. FREDERICK.
THE INTERACTIONS OF DIVERSITY, DISTRIBUTION AND MODE OF REPRODUCTION AMONG MAJOR GROUPINGS OF THE DEEP-SEA BENTHOS.
PROC. JOINT OCEANOGR. ASSEMBLY (TOKYO) 1971: 260-262.
CHAPTER 7.3.

1041 SANDERS, J.E.
EMERY, K.O.
UCHUPI, ELAZAR.
MICROTOPOGRAPHY OF FIVE SMALL AREAS OF THE CONTINENTAL-SHELF BY SIDE-SCANNING SONAR.
GEOL. SOC. AMER., BULL. V. 80. 1969: 561-572.

1042 SERNITS, A.A.
SAUSKAN, V.I.
HYDROLOGICAL-CONDITIONS AND DISTRIBUTION OF SILVER HAKE, MERLUCCIUS-BILINEARIS MITCHELL, ON GEORGES-BANK AND OFF NOVA-SCOTIA IN 1962-64.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 4.
NOV. 1967: 76-86.

1043 SASTRY, J.S.
OKUBO, AKIRA.
ON THE PREDICTION OF THE PROBABLE DISTRIBUTION OF OF CONCENTRATION FROM HYPOTHETICAL RADIOACTIVE-SOURCES ON THE CONTINENTAL-SLOPE OFF THE EAST COAST OF THE UNITED-STATES PART II OCEANOGRAPHIC-ANALYSIS FOR DETERMINATION OF THE FIELDS OF MOTION AND DIFFUSIVITY.
CHESAPEAKE BAY INST., JOHNS HOPKINS UNIV., TOPICAL REP. UNDER U.S. ATOMIC ENERGY COMM. CONTRACT. REP. NO. NYO-3109-32. 1968.

1044 SAUNDERS, P.M.
ANTICYCLONIC-EDDIES FORMED FROM SHOREWARD-MEANDERS OF THE GULF-STREAM.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-17.
DEEP-SEA RES., V. 19. NO. 12. 1971: 1207-1219.
CHAPTER 4.

1045 SAUNDERS, P.M.
THE TEMPERATURE AT THE OCEAN-AIR-INTERFACE.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-77.
J. ATMOS. SCI., V. 24. NO. 3. 1967: 269-273.

1046 SAUNDERS, P.M.
TRACING SURFACE FLOW WITH SURFACE ISOTHERMS.
MEM. SOC. ROY. DES SCIENCES DE LIEGE, V. 6, NO. VI,
1973: 99-108.
CHAPTER 4.

1047 SAVVATIMSKY, P.I.
STUDIES OF THE AGE AND GROWTH OF ROUNDNOSE
GRENADIER, MACROURUS-RUPESTRIS, IN THE
NORTHWEST-ATLANTIC, 1967-70.
INT. COMM. NW ATL. FISH., REDBOOK, PART III
SELECTED PAPERS, DEC. 1971: 129-138.
CHAPTER 7.3.

1048 SAVVATIMSKY, P.I.
SIDORENKO, T.N.
RESULTS OF INVESTIGATIONS ON DEEP-SEA REDFISH.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 3,
SEP. 1966: 49-56.

1049 SBAR, M.L.
SYKES, L.R.
CONTEMPORARY COMPRESSIVE-STRESS AND SEISMICITY IN
EASTERN NORTH-AMERICA: AN EXAMPLE OF INTRA-PLATE
TECTONICS.
GEOL. SOC. AMER. BULL., V. 84, 1973: 1861-1882.
CHAPTER 8.

1050 SCATTERGOOD, L.W.
NOTES ON THE LITTLE PIKED WHALE.
MURRELET, 30: 3-17, JAN-APRIL, 1949.
CHAPTER 7.4.

1051 SCATTERGOOD, L.W.
PACKARD, C.
RECORDS OF MARINE TURTLES IN MAINE.
MAINE FIELD NATUR., 16, 1960: 46-50.
CHAPTER 7.4.

1052 SCHEFFER, V.B.
FAT CHOPPERS = KILLER WHALES.
IN: A. SEED, (ED.) TOOTHED WHALES, PACIFIC SEARCH
BOOKS, SEATTLE, WASHINGTON, PP 12-14, 1971.
CHAPTER 7.4.

1053 SCHELTEMA, RUDOLF S.
REPRODUCTION AND DISPERSAL OF BOTTOM-DWELLING
DEEP-SEA INVERTEBRATES: A SPECULATIVE SUMMARY.
IN: BAROBIOLOGY AND THE EXPERIMENTAL BIOLOGY OF THE
DEEP SEA, RALPH W. BRAUER, (ED.), N.C. SEA GRANT
PROGRAM, SCH. PUBLIC HEALTH, UNIV. N.C., 1972:
58-66.

1054 SCHEVILL, W.E.
WATKINS, WILLIAM A.
RADIO-TAGGING OF WHALES.
WOODS HOLE OCEANOGR. INST. REF. NO. 66-17,
TECH. REP., MAY 1966.

1055 SCHEVILL, W.E.
SIGHT-RECORDS OF THE GRAY GRAMPUS, GRAMPUS-GRISEUS
(CUVIER).
J. MAMMALOGY 35, 1954: 123-124.
CHAPTER 7.4.

1056 SCHEVILL, W.E.
SIGHT-RECORDS OF PHOCOENA-PHOCOENA AND OF OTHER
CETACEANS IN GENERAL.
J. MAMMALOGY 49, 1968: 794-796.
CHAPTER 7.4.

1057 SCHEVILL, W.E.
BACKUS, RICHARD H.
DAILY PATROL OF A MEGAPTERA.
J. MAMMALOGY, V. 41, NO. 2, 1960: 279-281.
CHAPTER 7.4.

1058 SCHEVILL, W.E.
WATKINS, WILLIAM A.
BACKUS, RICHARD H.
THE 20-CYCLE SIGNALS AND BALAENOPTERA, FIN WHALES.
IN: MARINE BIO-ACOUSTICS, (ED.) W.N. TAVOLGA, PERGAMON
PRESS, N.Y., PP 147-152, 1964.
CHAPTER 7.4.

1059 SCHEVILL, W.E.
WATKINS, WILLIAM A.
SOUND STRUCTURE AND DIRECTIONALITY IN ORCINUS,
KILLER WHALE.
ZOOLOGICIA, 51, 1966: 71-76.
CHAPTER 7.4.

1060 SCHEVILL, W.E.
WATKINS, WILLIAM A.
RAY, C.
CLICK-STRUCTURE IN THE PORPOISE, PHOCOENA-PHOCOENA.
J. MAMMALOGY 50, 1969: 721-728.
CHAPTER 7.4.

1061 SCHEVILL, W.E.
WATKINS, WILLIAM A.
INTENSE LOW-FREQUENCY SOUNDS FROM AN ANTARCTIC
MINKE WHALE, BALAENOPTERA-ACUTOROSTRATA.
BREVIORA, NO. 388. MUSEUM OF COMPARATIVE ZOOLOGY,
HARVARD UNIV., CAMBRIDGE, MASS. 8 PP. 1972.
CHAPTER 7.4.

1062 SCHLEE, J.S.
GEOLOGY FROM A DEEP-DIVING SUBMERSIBLE.
WOODS HOLE OCEANOGR. INST. REF. NO. 67-50.
GEOTIMES, V. 12, NO. 4, AUGUST 1967: 10-13.

1063 SCHLEE, J.S.
PRATT, R.M.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE
UNITED-STATES, GRAVELS OF THE NORTHEASTERN PART.
U.S. GEOL. SURV. PROF. PAP. 529-H. 1970. 39 P.
CHAPTER 5.

1064 SCHLEE, J.S.
BEHRENDT, J.C.
MATTICK, R.E.
TAYLOR, P.T.
STRUCTURE OF CONTINENTAL-MARGIN OFF MID-ATLANTIC
STATES (BALTIMORE-CANYON-TROUGH).
U.S. GEOL. SURV. OPEN FILE REP. 75-60. 1975.
CHAPTER 5.

1065 SCHLEE, J.S.
PRATT, R.M.
DESCRIPTION OF GRAVEL ON THE CONTINENTAL-MARGIN
OFF NEW-ENGLAND WITH EMPHASIS ON PROCESSES OF
DISPERSAL AND THE SOURCES OF THE GRAVEL.
U.S. GEOL. SURV. PROF. PAP., NO. 529-M, 1970: M1-M39.

1066 SCHLEE, J.S.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE
UNITED-STATES, SEDIMENT-TEXTURE OF THE NORTHEASTERN
PART.
U.S. GEOL. SURV. PROF. PAP. 529-L: 64 P., 1973.
CHAPTER 5, 4.

1067 SCHMITT, F.O.
WHERE GREAT WHALES COME SAILING.
OCEANS, V. 5, NO. 6, 1972: 38-43.
CHAPTER 7.4.

1068 SCHMITZ, WILLIAM J., JR.
OBSERVATIONS OF LOW-FREQUENCY CURRENT FLUCTUATIONS
ON THE CONTINENTAL-SLOPE-AND-RISE NEAR SITE-D.
J. MAR. RES., V. 32, NO. 2, 1974: 233-251.

1069 SCHMITZ, WILLIAM J., JR.
ROBINSON, A.R.
FUGLISTER, F.C.
BOTTOM VELOCITY-OBSERVATIONS DIRECTLY UNDER THE
GULF-STREAM.
SCIENCE, V. 170, 1970: 1192-1194.
CHAPTER 4.

1070 SCHNEIDER, E.D.
FOX, PAUL J.
HOLLISTER, C.D.
NEEDHAM, H. DAVID
HEEZEN, B.C.
FURTHER EVIDENCE OF CONTOUR CURRENTS IN THE
WESTERN-NORTH-ATLANTIC.
EARTH AND PLANETARY SCIENCE LETTERS 2,
1967: 351-359. AMSTERDAM, NORTH-HOLLAND PUBL. CO.
CHAPTER 4.

1071 SCHNITKER, DETMAR,
DISTRIBUTION OF FORAMINIFERA ON THE
NORTH-CAROLINA CONTINENTAL-SHELF.
TULANE STUDIES GEOL. PALEONTOL., V. 8, NO. 4,
1971: 169-215.

1072 SCHOENER, A.
FECUNDITY AND POSSIBLE MODE OF DEVELOPMENT OF SOME
DEEP-SEA OPHIUROIDS.
LIMNOL. AND OCEANOGR., V. 17, 1972: 193-199.

1073 SCHOENER, A.
EVIDENCE OF REPRODUCTIVE-PERIODICITY IN THE DEEP-SEA.
ECOLOGY, V. 49, 1968: 81-87.
CHAPTER 7.3.

1074 SCHOENER, A.
POST-LARVAL DEVELOPMENT OF FIVE DEEP-SEA OPHIUROIDS.
DEEP-SEA RES., 14, 1967: 645-660.
CHAPTER 7.3.

1075 SCHOENER, A.
ROWE, GILBERT T.
PELAGIC SARGASSUM AND ITS PRESENCE AMONG THE
DEEP-SEA BENTHOS.
DEEP-SEA RES., 17, 1970: 923-925.
CHAPTER 7.3.

1076 SCHOPF, T.J.M.
DEEP-SEA ECTOPROCTA FROM 300-4680 M ON THE BAY-HEAD, MASSACHUSETTS - BERMUDA U-K, TRANSECT.
WOODS HOLE, MAR. BIOL. LAB. BULL., V. 129, 1965.
421 P.

1077 SCHOPF, T.J.M.
GENERALIZATIONS REGARDING THE PHYLUM ECTOPROCTA IN THE DEEP-SEA (200-6000 M).
ATTI SOC. ITALIA SCI. NAT. E MUSEO CIV. ST. NAT. MILANO, V. 108, 1968: 157-154.

1078 SCHOPF, T.J.M.
GEOGRAPHIC AND DEPTH DISTRIBUTION OF THE PHYLUM ECTOPROCTA FROM 200 TO 6000 METERS.
AMER. PHIL. SOC. PROC., V. 113, NO. 6, 1969: 464-474.

1079 SCHOPF, T.J.M.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES, NINETEENTH-CENTURY-EXPLORATION.
GEOL. SURV. PROF. PAP. 529-F, 1968. 12 P.

1080 SCHOPF, T.J.M.
ECTOPROCT, BRYOZOA, ON THE ATLANTIC CONTINENTAL-SHELF FROM THE HUDSON-CANYON TO NOVA-SCOTIA.
BIOL. BULL., V. 129, 1965: 421-422.

1081 SCHOPF, T.J.M.
COLTON, J.B., JR.
BOTTOM TEMPERATURE AND FAUNAL-PROVINCES: CONTINENTAL-SHELF FROM HUDSON-CANYON TO NOVA-SCOTIA.
BIOL. BULL., 131, 1966. 406 P.

1082 SCHROEDER, ELIZABETH H.
NORTH-ATLANTIC TEMPERATURES AT A DEPTH OF 200 METERS.
IN: SERIAL ATLAS OF THE MARINE ENVIRONMENT.
AMER. GEOGR. SOC., FOLIO 2, 1963. 9 PL.
CHAPTER 4.

1083 SCHROEDER, ELIZABETH H.
AVERAGE SURFACE TEMPERATURES OF THE WESTERN-NORTH-ATLANTIC.
WOODS HOLE OCEANOGR. INST. REF. NO. 46-49, BULL. MAR. SCI., V. 16, NO. 2, JUNE 1966: 307-323.
CHAPTER 4.

1084 SCHROEDER, ELIZABETH H.
AVERAGE MONTHLY TEMPERATURES IN THE NORTH-ATLANTIC OCEAN.
DEEP-SEA RES., V. 12, NO. 3, 1965: 323-343.
CHAPTER 4.

1085 SCHROEDER, WILLIAM C.
THE LOBSTER, HOMARUS-AMERICANUS, AND THE RED CRAB, GERYON-QUINQUEDENS, IN THE OFFSHORE-WATERS OF THE WESTERN-NORTH-ATLANTIC.
DEEP-SEA RES., V. 5, 1959: 264-282.
CHAPTER 7.3.

1086 SCHROEDER, WILLIAM C.
AN ACCOUNT OF THE FISHES DREDGED BY THE ALBATROSS-II ALONG THE CONTINENTAL SLOPE SOUTH OF NEW-ENGLAND IN FEBRUARY AND MARCH, 1929.
COPEIA, 2, 1931: 41-46.

1087 SCHROEDER, WILLIAM C.
REPORT ON THE RESULTS OF EXPLORATORY OTTER-TRAWLING ALONG THE CONTINENTAL-SHELF-AND-SLOPE BETWEEN NOVA-SCOTIA AND VIRGINIA DURING THE SUMMERS OF 1952 AND 1953.
PAP. MAR. BIOL. OCEANOGR., DEEP-SEA RES., SUPPL. TO V. 3, 1955: 358-372.
CHAPTER 7.3.

1088 SCHULTZ, L.K.
GROVER, R.L.
GEOLOGY OF GEORGES-BANK-BASIN.
AMER. ASSOC. PETROL. GEOL. BULL., V. 58, NO. 6, 1974: 1159-1168.
CHAPTER 5.

1089 SCHWARTZ, JAMES.
THE GEOLOGY OF OCEANOGRAPHER, GILBERT AND LYDONIA SUBMARINE-CANYONS, SOUTH OF GEORGES-BANK, OFF NORTHEASTERN UNITED-STATES.
M.S. THESIS, UNIV. R.I., 1965.
CHAPTER 8.

1090 SCOTT, W.B.
TIBBO, S.N.
FOOD AND FEEDING-HABITS OF SWORDFISH, XIPHIAS-GLADIUS, I. THE WESTERN-NORTH-ATLANTIC.
J. FISH. RES. BD. CAN., V. 25, NO. 5, 1968: 901-919.
CHAPTER 7.4.

1091 SEARS, MARY,
CLARKE, G.L.
ANNUAL FLUCTUATIONS IN THE ABUNDANCE OF MARINE ZOOPLANKTON.
BIOL. BULL., V. 79, 1940: 321-328.

1092 SEIWELL, H.R.
THE CYCLE OF PHOSPHOROUS IN THE WESTERN-BASIN OF THE NORTH ATLANTIC. I: PHOSPHATE-PHOSPHOROUS.
PAP. PHYS. OCEANOGR. METEOROL., V. 3, NO. 4, 1935: 1-54.

1093 SERAFY, D.K.
INTRA-SPECIFIC-VARIATION IN THE BRITTLE STAR OPHIOPHOLIS-ACULEATA (LINNAEUS) IN THE NORTHWESTERN-ATLANTIC (ECHINODERMATA: OPHIUROIDEA).
BIOL. BULL., 140, 1971: 323-330.
CHAPTER 7.3.

1094 SERGEANT, D.E.
WHALES AND DOLPHINS OF THE CANADIAN EAST COAST.
FISH. RES. BD. CAN., ARCTIC UNIT, CIRC. 7, 1961.
24 P.
CHAPTER 7.4.

1095 SERGEANT, D.E.
FISHER, H.D.
THE SMALLER CETACEA OF EASTERN CANADIAN-WATERS.
J. FISH. RES. BD. CAN., 14, 1957: 83-115.
CHAPTER 7.4.

1096 SERGEANT, D.E.
DOLPHINS IN NEWFOUNDLAND-WATERS.
CANADIAN FIELD. NAT. 72, 1958: 156-159.
CHAPTER 7.4.

1097 SERGEANT, D.E.
THE BIOLOGY OF THE PILOT OR POTHEAD WHALE, GLOBICEPHALA-MELAENA TRAILL, IN NEWFOUNDLAND-WATERS.
BULL. FISH. RES. BD. CAN. V. 132, I-VII, 1962: 1-84.
CHAPTER 7.4.

1098 SERGEANT, D.E.
MINKE WHALES, BALAENOPTERA-ACUTOROSTRATA LACEPEDE, OF THE WESTERN-NORTH-ATLANTIC.
J. FISH. RES. BD. CANADA 20, 1963: 1489-1504.
CHAPTER 7.4.

1099 SERGEANT, D.E.
POPULATIONS OF LARGE WHALE SPECIES IN THE WESTERN-NORTH-ATLANTIC WITH SPECIAL REFERENCE TO THE FIN WHALE.
ARCTIC BIOL. STATION, FISH. RES. BD. CAN., CIRC. NO. 9, 1966.
CHAPTER 7.4.

1100 SERGEANT, D.E.
WHALES.
IN: C.S. BEAL (ED.) SCIENCE, HISTORY AND HUDSON-BAY, V. I, QUEEN'S PRINTER, OTTAWA, PP 388-394, 1968.
CHAPTER 7.4.

1101 SERGEANT, D.E.
FEEDING RATES OF CETACEA.
FISK. DIV. SKR. SER. HAV. UNDERS. 15, 1969: 246-258.
CHAPTER 7.4.

1102 SERGEANT, D.E.
BIOLOGY OF WHITE WHALES, DELPHINAPTERAC-LEUCAS, IN WESTERN HUDSON-BAY.
J. FISH. RES. BD. CAN. V. 30, 1973: 1065-1090.
CHAPTER 7.4.

1103 SERGEANT, D.E.
BRODIE, P.F.
BODY-SIZE IN WHITE WHALES, DELPHINAPTERUS-LEUCAS.
J. FISH. RES. BD. CAN., V. 26, 1969A: 2561-2580.
CHAPTER 7.4.

1104 SERGEANT, D.E.
BRODIE, P.F.
TAGGING WHITE WHALES IN THE CANADIAN-ARCTIC.
J. FISH. RES. BD. CAN., V. 26, NO. 8, 1969B: 2201-2205.
CHAPTER 7.4.

1105 SERGEANT, D.E.
MANSFIELD, A.W.
BECK, B.
INSHORE RECORDS OF CETACEA FOR EASTERN CANADA, 1949-1968.
J. FISH. RES. BD. CAN. 27, 1970: 1903-1915.
CHAPTER 7.4.

1106 SERGEANT, D.E.
CALDWELL, D.K.
CALDWELL, M.C.
AGE, GROWTH, AND MATURITY OF BOTTLENOSED DOLPHIN, TURSIOPS-TRUNCATUS, FROM NORTHEAST FLORIDA.
J. FISH. RES. BD. CAN., V. 30, 1973: 1009-1011.
CHAPTER 7.4.

1107 SHAFER, THAYER C.
MIGRATION AND DISTRIBUTION OF THE SPINY DOGFISH, SQUALUS=ACANTHIAS L. IN THE WESTERN=NORTH=ATLANTIC.
MS. THESIS, UNIV. OF R.I., 1970.

1108 SHALER, N.S.
NOTES ON THE SUBMARINE=COAST=SHELF, OR HUNDRED FATHOM DETRITAL=FRINGE.
PROC. BOSTON SOC. NATUR. HIST., 20, 1879: 278=282.

1109 SHEPARD, F.P.
INMAN, D.L.
GOLDBERG, E.D.
SUBMARINE GEOLOGY.
NEW YORK, HARPER'S GEOSCI. SER., 2D ED., 1963.
CHAPTER 5.

1110 SHEPARD, F.P.
CANYONS OFF THE NEW=ENGLAND COAST.
AMER. J. SCI., 5TH SER., V. 27, 1934: 24=36.

1111 SHEPARD, F.P.
SUBMARINE=CANYONS: A JOINT PRODUCT OF RIVERS AND SUBMARINE=PROCESSES.
SCIENCE, V. 114, NO. 2949, 1951: 7=9.

1112 SHEPARD, F.P.
DILL, R.F.
SUBMARINE=CANYONS AND OTHER SEA=VALLEYS.
CHICAGO, RAND MCNALLY, 1966. 381 P.
CHAPTER A, 5.

1113 SHEPARD, F.P.
SEA=LEVEL CHANGES IN THE PAST 6,000 YEARS: POSSIBLE ARCHAEOLOGICAL SIGNIFICANCE.
SCIENCE, V. 143, FEB. 1964: 574=576.

1114 SHEPARD, F.P.
MARSHALL, N.F.
MCLAUGHLIN, P.A.
CURRENTS IN SUBMARINE=CANYONS.
DEEP SEA RES., V. 21, NO. 9, 1974: 691=706.
CHAPTER 4.

1115 SHEPARD, F.P.
DEEP=SEA SANDS.
INT. GEOL. CON., 21ST, NORDEN, 1960, REP. 23: 26=42.
CHAPTER A.

1116 SHEPARD, F.P.
THIRTY=FIVE THOUSAND YEARS OF SEA=LEVEL.
IN: THOMAS CLEMENTS (ED.), ESSAYS IN MARINE GEOLOGY IN HONOR OF K.O. EMERY, UNIV. SOUTHERN CALIF. PRESS 1963: 1=10.
CHAPTER A.

1117 SHEPARD, F.P.
EMERY, K.O.
SUBMARINE PHOTOGRAPHY OFF THE CALIFORNIA=COAST.
J. GEOL., V. 44, NO. 5, 1946: 304=321.
CHAPTER A.

1118 SHEPARD, F.P.
MARSHALL, N. F.
MCLOUGHLIN, P.A.
INTERNAL WAVES ADVANCING ALONG SUBMARINE=CANYONS.
SCIENCE, 183, 1974: 195=198.
CHAPTER 8.

1119 SHERBURNE, S.
RIDGWAY, G.
PHOSPHOGLUCOMUTASE=POLYMORPHISM IN POPULATIONS OF THE AMERICAN LOBSTER, HOMARUS=AMERICANUS.
IN PREP. AT NMFS WOODS HOLE.
CHAPTER 7.3.

1120 SHERIDAN, ROBERT E.
ATLANTIC CONTINENTAL=MARGIN OF NORTH=AMERICA.
IN: CREIGHTON A. BURK AND CHARLES L. DRAKE (EDS.), THE GEOLOGY OF CONTINENTAL MARGINS, NEW YORK, SPRINGER=VERLAG, 1974: 391=407.
CHAPTER 5.

1121 SHERIDAN, ROBERT E.
CONCEPTUAL=MODEL FOR THE BLOCK=FAULT=ORIGIN OF THE NORTH=AMERICAN CONTINENTAL=MARGIN=GEOSYNCLINE.
GEOLOGY, V. 2, NO, 9, 1974: 465=468.
CHAPTER 5.

1122 SHIDELER, GERALD L.
SWIFT, DONALD J.P.
SEISMIC=RECONNAISSANCE OF POST=MIOCENE DEPOSITS, MIDDLE=ATLANTIC CONTINENTAL=SHELF = CAPE=HENRY, VIRGINIA TO CAPE=HATTERAS, NORTH=CAROLINA.
(ABSTRACT).
MAR. GEOL., 12, 1972: 165=185.

1123 SMONTING, D.M.
COOK, G.S.
DROGUE-CURRENT-OBSERVATIONS IN THE THRESHER-SEARCH-AREA, (29 MAY TO 3 JUNE, 1963).
U.S. NAVAL UNDERWATER ORDINANCE STA., NEWPORT, R.I.8 TECH. MEMO. 307, 14 P., 19 FIGS, 1964.
CHAPTER 4.

1124 SILAS, E.G.
GEORGE, K.C.
ON THE LARVAL AND POSTLARVAL DEVELOPMENT AND DISTRIBUTION OF THE MESOPELAGIC FISH, VINCIGUERRIA-NROBJ911 (JORDAN AND WILLIAMS) (FAMILY GONOSTOMATIDAE) OFF THE WEST COAST OF INDIA AND THE LACCADIVE-SEA.
J. MAR. BIOL. ASO. INDIA, V. 11, NOS. 1 AND 2. 1969: 218-250.
CHAPTER 7.4.

1125 SIMPSON, R.H.
LAWRENCE, M.B.
ATLANTIC HURRICANE-FREQUENCIES ALONG THE UNITED-STATES COASTLINE.
NAT. OCEANIC AND ATMOS. ADMIN., TECH. MEMO. NWS SR-59, 1971. 15 P.

1126 SKUD, B.E.
PERKINS, H.C.
SIZE, COMPOSITION, SEX RATIO, AND SIZE-AT-MATURITY OF OFFSHORE NORTHERN LOBSTERS.
U.S. FISH AND WILDLIFE SERV. SPEC. SCI. REP. FISH, NO. 598, 1969.
CHAPTER 10, 7.3.

1127 SLOBODKIN, L.B.
SANDERS, HOWARD L.
ON THE CONTRIBUTION OF ENVIRONMENTAL-PREDICTABILITY TO SPECIES-DIVERSITY.
BROOKHAVEN SYMPOSIA IN BIOLOGY, 22, 1969: 82-95.
CHAPTER 7.3.

1128 SMAYDA, T.J.
A SURVEY OF PHYTOPLANKTON DYNAMICS IN THE COASTAL-WATERS FROM CAPE-HATTERAS TO NANTUCKET.
MAR. PUBL. SER. NO. 2, 1973: 3-1 TO 3-100.
CHAPTER 7.1.

1129 SMAYDA, T.J.
BIOGEOGRAPHICAL-STUDIES OF MARINE PHYTOPLANKTON.
OIKOS, V. 9, NO. 2, 1958: 158-191.
CHAPTER 7.1.

1130 SMAYDA, T.J.
SOME MEASUREMENTS OF THE SINKING-RATE OF FECAL-PELLETS.
LIMNOL. OCEANOGR., 14, 1969: 621-625.
CHAPTER 7.3.

1131 SMITH, DAVID D.
BROWN, ROBERT P.
OCEAN-DISPOSAL OF BARGE-DELIVERED LIQUID AND SOLID-WASTES FROM U-S-COASTAL-CITIES.
WASHINGTON, D.C., U.S. ENVIRON. PROT. AGENCY, SOLID WASTE MANAGE. OFFICE, 1971. 119 P.
CHAPTER 9, 11.

1132 SMITH, E.M.
SOULE, F.M.
MOSBY, O.
THE MARION AND GENERAL GREEN EXPEDITION TO DAVIS-STRAIT AND LABRADOR-SEA.
U.S. COAST GUARD BULL. NO. 19, SCIENTIFIC RESULTS, PART 2, PHYSICAL OCEANOGRAPHY 259 PP., WASHINGTON, 1937.
CHAPTER 4.

1133 SMITH, G.J.D.
GASKIN, D.E.
THE DIET OF HARBOR PORPOISES, PHOCOENA-PHOCOENA L., IN COASTAL WATERS OF EASTERN CANADA, WITH SPECIAL REFERENCE TO THE BAY-OF-FUNDY.
CAN. J. ZOOL., V. 52, NO. 6., 1974: 777-782.
CHAPTER 7.4.

1134 SMITH, M.A.
WHAT IS THE GEOLOGY OF WEST-SABLE STRUCTURE?
OIL AND GAS J., JUNE 2, 1975: 170-172.
CHAPTER 5.

1135 SMITH, K.L., JR.
TEAL, J.M.
DEEP-SEA BENTHIC COMMUNITY RESPIRATION: AN IN-SITU STUDY AT 1250 METERS.
SCIENCE, V. 179, NO. 4070, 1972: 282-283.
CHAPTER 7.3.

1136 SMITH, K.L., JR.
WESSLER, ROBERT R.
RESPIRATION OF BENTHIC-PELAGIC FISHES: IN SITU MEASUREMENTS AT 1230 METERS.
SCIENCE, V. 184, NO. 4132, 1974: 72-73.
CHAPTER 7.3.

1137 SMITH, K.
MACINTYRE, A.D.
A SPRING-LOADED BOTTOM-SAMPLER.
J. MAR. BIOL. ASS. U.K., 33, 1954: 257-264.
CHAPTER 7.3.

1138 SOKOLOVA, M.N.
ON THE DISTRIBUTION OF DEEP-WATER BOTTOM-ANIMALS IN RELATION TO THEIR FEEDING-HABITS AND THE CHARACTER OF SEDIMENTATION.
DEEP-SEA RES., 6, 1959: 1-4.
CHAPTER 7.3.

1139 SOKOLOVA, M.N.
RELATIONSHIPS BETWEEN FEEDING-GROUPS OF BATHYPELAGIC MACROBENTHOS AND THE COMPOSITION OF BOTTOM SEDIMENTS.
OCEANOLOGY, 8, 1968: 141-151.
CHAPTER 7.3.

1140 SOKOLOVA, M.N.
TROPHIC-STRUCTURE OF DEEP-SEA MACROBENTHOS.
MAR. BIOL., 14, 1972: 1-12.
CHAPTER 7.3.

1141 SOUTHWARD, E.C.
BRATTEGARD, T.
POGONOPHORA OF THE NORTHWEST-ATLANTIC: NORTH-CAROLINA REGION.
BULL. MAR. SCI., V. 18, NO. 4, 1968: 836-875.
CHAPTER 7.3.

1142 SOUTHWELL, T.
THE BOTTLENOSE WHALE-FISHERY IN THE NORTH-ATLANTIC OCEAN.
REPT. U.S. COMM. FISH AND FISHERIES FOR 1882.
PP 221-227.
CHAPTER 7.4.

1143 SOUTHWELL, T.
ON THE WHALE-FISHERY FROM SCOTLAND, WITH SOME ACCOUNT OF THE CHANGES IN THAT INDUSTRY AND OF THE SPECIES HUNTED.
EDINBURGH, ANN. SCOT. NATUR. HIST., PP 77-89, 1904.
CHAPTER 7.4.

1144 SPENCER, D.W.
DEGENS, EGON T.
KULBICKI, GEORGE.
FACTORS AFFECTING ELEMENT-DISTRIBUTIONS IN SEDIMENTS.
WOODS HOLE OCEANOGR. INST. REF. NO. 70-10, IN: ORIGIN AND DISTRIBUTION OF THE ELEMENTS, L.H. AHRENS (ED.), INT. SER. MONOGR. IN EARTH SCI., V. 30, 1968: 981-999.

1145 SPENCER, D.W.
BREWER, PETER G.
THE DISTRIBUTION OF COPPER, ZINC AND NICKEL IN SEA-WATER OF THE GULF-OF-MAINE AND THE SARGASSO-SEA.
GEOCHIMICA ET COSMOCHIMICA ACTA, V. 33, NO. 3, 1969: 325-339.
CHAPTER A.

1146 SPENCER, D.W.
SACHS, P.L.
SOME ASPECTS OF THE DISTRIBUTION, CHEMISTRY, AND MINERALOGY OF SUSPENDED-MATTER IN THE GULF-OF-MAINE.
MAR. GEOLG., V. 8, 1970: 117-136.
CHAPTER 5.

1147 SPENCER, J.W.
BIBLIOGRAPHY OF SUBMARINE-VALLEYS OFF NORTH-AMERICA.
AMER. J. SCI. (SER. IV), V. 19, NO. 103, 1905: 341-344.

1148 SPENCER, J.W.
SUBMARINE-VALLEYS OFF THE AMERICAN-COAST AND IN THE NORTH-ATLANTIC.
GEOL. SOC. AMER. BULL., 14, 1903: 207-226.
CHAPTER A.

1149 SPENCER, J.W.
THE SUBMARINE-GREAT-CANYONS OF THE HUDSON-RIVER.
AMER. J. SCI. (SER. IV), 19, 1905: 1-15.

1150 SPENCER, J.W.
ON THE CONTINENTAL ELEVATION OF THE GLACIAL-EPOCH.
GEOL. MAG., V. 4, NO. 5, 1898: 32-38.
CHAPTER A.

1151 SQUIRES, H.J.
SQUID, ILLEX-ILLECEBROSUS (LE-SEUR), IN THE NEWFOUNDLAND FISHING-AREA.
J. FISH. RES. BD. CAN., V. 14, NO. 5, 1957: 693-728.
CHAPTER 7.4.

1152 SQUIRES, JAMES L., JR.
MARLIN AND SWORDFISH IN OCEANIC-WATERS OF THE WESTERN-NORTH-ATLANTIC.
COPEIA, 2, 1967: 214-219.

1153 SQUIRES, JAMES L., JR.
DISTRIBUTION OF TUNAS IN OCEANIC-WATERS OF THE WESTERN-NORTH-ATLANTIC.
U.S. FISH. BULL., V. 62, NO. 211, 1962: 323-341.
CHAPTER 7.4.

1154 SQUIRES, JAMES L., JR.
MATHER, FRANK J., III.
OBSERVATIONS ON THE COMMERCIAL-POTENTIAL OF TUNA IN THE OCEANIC NORTHWEST-ATLANTIC.
PROC. GULF AND CARIBBEAN FISH. INST., 15TH. ANNU. SESS., NOV. 1962, 1963: 124-133.

1155 ST. JOHN, P.A.
A VOLUMETRIC STUDY OF ZOOPLANKTON-DISTRIBUTION IN CAPE-HATTERAS AREA.
LIMNOL. OCEANOGR., V. 3, 1958: 387-397.
CHAPTER 7.2.

1156 STALCUP, M.C.
PARKER, C.E.
DROGUE-MEASUREMENTS OF SHALLOW CURRENTS ON THE EQUATOR IN THE WESTERN-ATLANTIC-OCEAN.
DEEP-SEA RES., V. 12, NO. 4, 1965: 535-536.

1157 STANLEY, D.J.
SWIFT, DONALD J.P. (CONVENERS AND EDS.)
THE NEW CONCEPTS OF CONTINENTAL-MARGIN SEDIMENTATION, II. SEDIMENT-TRANSPORT AND ITS APPLICATION TO ENVIRONMENTAL-MANAGEMENT.
AMER. GEOL. INST. SHORT COURSE LECTURE NOTES, 15-17 NOV. 1974, KEY BISCAYNE, FL. 1974. 1155 P.

1158 STANLEY, D.J.
KELLING, GILBERT.
SEDIMENTATION-PATTERNS IN THE WILMINGTON SUBMARINE-CANYON AREA.
IN: OCEAN SCIENCES AND ENGINEERING OF THE ATLANTIC SHELF, MAR. TECH. SOC. TRANS. NAT. SYMP., PHILADELPHIA, MARCH 19-20, 1967, 1968: 127-142.

1159 STANLEY, D.J.
SILVERBERG, NORMAN.
RECENT SLUMPING ON THE CONTINENTAL-SLOPE OFF SABLE-ISLAND-BANK, SOUTHEAST CANADA.
EARTH PLANET. SCI. LETTERS, V. 6, 1969: 123-133.

1160 STANLEY, D.J.
SWIFT, DONALD J.P.
SILVERBERG, NORMAN.
JAMES, NOEL P.
SUTTON, ROBERT G.
RECENT SAND SPILL-OVER OFF SABLE-ISLAND-BANK, SCOTIAN-SHELF.
EARTH SCIENCE SYMPOSIUM ON OFFSHORE EASTERN CANADA, GEOL. SURV. CAN., PAP. 71-23, 1973: 167-194.

1161 STANLEY, D.J.
COK, ANTHONY E.
SEDIMENT-TRANSPORT BY ICE ON THE NOVA-SCOTIAN-SHELF.
OCEAN SCIENCES AND ENGINEERING OF THE ATLANTIC SHELF, TRANS. NAT. SYMP. MAR. TECHNOL. SOC., PHILADELPHIA, PA., MARCH 19-20, 1967: 109-125.

1162 STANLEY, D.J.
SWIFT, DONALD J.P.
SILVERBERG, NORMAN.
JAMES, NOEL P.
SUTTON, ROBERT G.
LATE QUATERNARY PROGRADATION AND SAND-SPILLOVER ON THE OUTER CONTINENTAL-MARGIN OFF NOVA-SCOTIA, SOUTHEAST CANADA.
SMITHSON. INST. PRESS, SMITHSON. CONTRIB. TO EARTH SCI., NO. 8, 1972.

1163 STANLEY, D.J.
FISH-PRODUCED-MARKINGS ON THE OUTER CONTINENTAL-MARGIN EAST OF THE MIDDLE-ATLANTIC-STATES.
J. SEDIMENT. PETROLOGY, V. 41, NO. 1, 1971: 159-170.
CHAPTER 8.

1164 STANLEY, D.J.
KELLING, GILBERT.
INTERPRETATION OF A LEVEE-LIKE RIDGE AND ASSOCIATED FEATURES, WILMINGTON SUBMARINE-CANYON, EASTERN UNITED-STATES.
GEOL. SOC. AMER. BULL., V. 81, 1970: 3747-3752.

1165 STANLEY, D.J.
FENNER, P.
UNDERWATER-TELEVISION SURVEY OF THE ATLANTIC OUTER CONTINENTAL-MARGIN NEAR WILMINGTON-CANYON.
SMITHSON. INST. PRESS. SMITHSON. CONTRIB. TO EARTH SCI., NO. 11, 1973.
CHAPTER A.

1166 STANLEY, D.J.
BIOTURBATION AND SEDIMENT FAILURE IN SOME SUBMARINE-CANYONS.
VIE ET MILIEU (SUPPL.) 22, 1971: 541-555.
CHAPTER 7.3.

1167 STANLEY, D.J.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES. COLOR OF MARINE SEDIMENTS.
U.S. GEOL. SURV. PROF. PAP. 529-D, 1969: D1-D19.
CHAPTER 5, 6.

1168 STANLEY, D.J.
KELLING, GILBERT.
PHOTOGRAPHIC-INVESTIGATION OF SEDIMENT TEXTURE BOTTOM CURRENT ACTIVITY, AND BENTHIC-ORGANISMS IN THE WILMINGTON SUBMARINE-CANYON.
USCGC ROCKAWAY-SMITHSON. INST. CRUISE, USCGC OCEANOGR. REP. NO. 22, 1968, 95 P.

1169 STANLEY, D.J.
FENNER, P.
KELLING, GILBERT.
CURRENTS AND SEDIMENT-TRANSPORT AT THE WILMINGTON-CANYON SHELF-BREAK, AS OBSERVED BY UNDERWATER-TELEVISION.
IN: SWIFT, D.J.P., DUANE, D.B., AND PILKEY, O.H. (EDS.), SHELF SEDIMENT TRANSPORT: PROCESS AND PATTERNS, DOWDEN, HUTCHINSON & ROSS, INC., STROUDSBURG, PA., 1972: 621-644.
CHAPTER A.

1170 STANLEY, D.J.
THE NEW CONCEPTS OF CONTINENTAL-MARGIN SEDIMENTATION.
WASHINGTON, D.C., AMER. GEOL. INST. SHORT LECTURE NOTES, 1969, 206 P.

1171 STANLEY, D.J.
FLYSCHOID-SEDIMENTATION ON THE OUTER ATLANTIC MARGIN OFF NORTHEAST NORTH-AMERICA.
GEOL. ASS. CAN. SPEC. PAP., NO. 7, 1970: 179-210.

1172 STEARNS, F.
SEA-SURFACE TEMPERATURE-ANOMALY STUDY OF RECORDS FROM ATLANTIC COAST-STATIONS.
J. GEOPHYS. RES., V. 70, NO. 2, 1965: 283-296.

1173 STEELE, J.H.
YENTSCH, C.S.
THE VERTICAL-DISTRIBUTION OF CHLOROPHYLL.
J. MAR. BIOL. ASS. U.K., 39, 1960: 217-226.

1174 STEFANSSON, U.
ATKINSON, L.P.
RUMPUS, D.F.
SEASONAL STUDIES OF HYDROGRAPHIC-PROPERTIES AND CIRCULATION OF THE NORTH-CAROLINA SHELF AND SLOPE WATERS.
DEEP-SEA RES., 18, 1971: 383-420.

1175 STEFANSSON, U.
ATKINSON, L.P.
PHYSICAL AND CHEMICAL PROPERTIES OF THE SHELF AND SLOPE-WATERS OFF NORTH-CAROLINA.
TECH. REP., DUKE UNIV. MAR. LAB., 1967, 230 P.

1176 STETSON, H.C.
PRESENT STATUS OF THE PROBLEM OF SUBMARINE-CANYONS.
PROC. AMER. PHIL. SOC., 79, 1938: 27-33.

1177 STETSON, H.C.
SMITH, J.F.
BEHAVIOR OF SUSPENSION-CURRENTS AND MUD-SLIDES ON THE CONTINENTAL SLOPE.
AMER. J. SCI., (5 SER.), V. 38, NO. 205, 1939: 1-13.

1178 STETSON, H.C.
DREDGE-SAMPLES FROM THE SUBMARINE-CANYONS BETWEEN THE HUDSON-GORGE AND CHESAPEAKE-BAY.
TRANS. AMER. GEOPHYS. UNION, V. 17, 1936: 223-225.

1179 STETSON, H.C.
THE SEDIMENTS AND STRATIGRAPHY OF THE EAST-COAST CONTINENTAL-MARGIN: GEORGES-BANK TO NORFOLK-CANYON.
PAPERS IN PHYS. OCEANOGR. AND METEOROL., V. 11, NO. 2, 1949: 1-60.
CHAPTER A.

1180 STETSON, H.C.
PATTERNS OF DEPOSITION AT THE CONTINENTAL-MARGIN.
PAP. MAR. BIOL. AND OCEANOGR., DEEP-SEA RES. SUPPL.
TO V. 31 299-308. IN: COLLECTED REPRINTS, 1958, PT.
11, 1958.

1181 STETSON, H.C.
GEOLOGY AND PALEONTOLOGY OF THE GEORGES-BANK
CANYONS, I: GEOLOGY.
GEOL. SOC. AMER. BULL., V. 47, 1936: 339-364.
CHAPTER A, 4.

1182 STETSON, H.C.
CURRENT-MEASUREMENTS IN THE GEORGES-BANK CANYONS.
TRANS. AMER. GEOPHYS. UNION 18TH MEETING,
1937: 214-219.
CHAPTER A.

1183 STETSON, H.C.
THE SEDIMENTS OF THE CONTINENTAL-SHELF OFF THE
EASTERN COAST OF THE UNITED-STATES.
MASS. INST. TECHNOL. AND WOODS HOLE OCEANOGRAPHIC
INST. PAPERS IN PHYS. OCEANOGR. AND METEOROL., V.
5, NO. 4, 1938: 4-58.
CHAPTER A.

1184 STETSON, H.C.
SUMMARY OF SEDIMENTARY-CONDITIONS ON THE CONTINENTAL-SHELF
OFF THE EAST COAST OF THE UNITED-STATES.
IN: P.D. TRASK (ED.), RECENT MARINE SEDIMENTS, AMER.
ASS. PETROL. GEOL. 1939: 230-244.
CHAPTER A.

1185 STEWART, H.B., JR.
JORDAN, G.F.
UNDERWATER SAND-RIDGES ON GEORGES-SHOAL, P. 102-114.
IN: R.L. MILLER (ED.), PAPERS IN MARINE GEOLOGY,
SHEPARD COMMEM. V., 1964, MACMILLAN, NEW YORK.
CHAPTER 12.

1186 STEWART, R.E.
ROBBINS, C.S.
BIRDS OF MARYLAND AND THE DISTRICT-OF-COLUMBIA.
U.S. GOVT. PRINT. OFFICE, WASHINGTON, D.C. 401 P.
1958.
CHAPTER 7.5.

1187 STICKEL, L.F.
ORGANOCHLORINE PESTICIDES IN THE ENVIRONMENT.
SPEC. SCI. REP., WILDLIFE NO. 119, WASHINGTON, D.C.,
1968: 1-32.
CHAPTER 7.5.

1188 STICKNEY, A.P.
BENTHIC INVERTEBRATES.
CHAPTER 10. IN: A SOCIO-ECONOMIC AND ENVIRONMENTAL
INVENTORY OF THE NORTH ATLANTIC REGION, TRIGOM FOR
THE BUR. OF LAND MANAGE.
CHAPTER 7.3.

1189 STOKES, T.
BIRDS OF THE ATLANTIC.
COUNTRY-LIFE BOOKS, HAMLYN PUBLISHING GROUP, LIMITED,
HAMLYN HOUSE, FELTHAM, MIDDLESEX. 156 P. 1968.
CHAPTER 7.5.

1190 STOMMEL, H.
THE GULF-STREAM, A PHYSICAL AND DYNAMIC DESCRIPTION.
U. OF CAL. PRESS, BERKELEY AND LOS ANGELES. 1958.
202 P.
CHAPTER 4.

1191 STONE, W.
BIRD-STUDIES AT OLD CAPE-MAY.
2 VOLS. DOVER PUBLICATIONS, INC., NEW YORK. 941 P.
1937.
CHAPTER 7.5.

1192 STRACK, S.L.
SURFACE TEMPERATURE-GRADIENTS AS INDICATORS OF THE
POSITION OF THE GULF-STREAM.
WOODS HOLE OCEANOGR. INST. REF. NO. 53-53, 1953.
CHAPTER 4.

1193 STUMPF, H.G.
A SATELLITE DERIVED EXPERIMENTAL GULF-STREAM ANALYSIS.
MAR. WEATHER LOG, V. 18, NO. 3, 1974: 149-152.
CHAPTER 4.

1194 STURGES, WILTON.
SEA-LEVEL-SLOPE ALONG CONTINENTAL-BOUNDARIES.
J. GEOPHYS. RES., V. 79, NO. 6, 1974: 825-830.

1195 SUMMERS, W.C.
WINTER POPULATION OF LOLIGO-PEALEI IN THE MID-ATLANTIC-BIGHT.
BIOL. BULL., 137, 1969: 202-216.
CHAPTER 7.4.

1196 SUMMERS, W.C.
AGE-AND-GROWTH OF LOLIGO-PEALEI, A POPULATION-STUDY OF THE COMMON ATLANTIC-COAST SQUID.
BIOL. BULL., V. 141, NO. 1, 1971: 189-201.
CHAPTER 7.4.

1197 SWALLOW, J.C.
WORTHINGTON, L.V.
AN OBSERVATION OF A DEEP COUNTERCURRENT IN THE WESTERN-NORTH-ATLANTIC.
DEEP-SEA RES., V. 8, NO. 1, 1961: 1-19.
CHAPTER 4.

1198 SWALLOW, J.C.
WORTHINGTON, L.V.
DEEP CURRENTS IN THE LABRADOR-SEA.
DEEP SEA RES., V. 16, 1969: 77-84.
CHAPTER 4.

1199 SWIFT, DONALD J.P.
OUTER-SHELF SEDIMENTATION: PROCESSES AND PRODUCTS.
IN: STANLEY, D.J. (ED.): THE NEW CONCEPTS OF CONTINENTAL MARGIN SEDIMENTATION, LECTURE 5, AMER. GEOL. INST. SHORT COURSE, 1969: DS-5-1-DS-5-26.

1200 TANING, A.V.
ON THE BREEDING-AREAS OF THE SWORDFISH.
DEEP-SEA RES., 3, 1955: 438-450.

1201 TANNEHILL, I.R.
THE HURRICANE.
U.S. DEPT. OF COMMER., WEATHER BUR., WASHINGTON, D.C. 22 P. 1956.
CHAPTER 4.

1202 TAYLOR, P.F.
ZIETZ, I.
DENNIS, L.S.
GEOLOGIC IMPLICATIONS OF AEROMAGNETIC-DATA FOR THE EASTERN CONTINENTAL-MARGIN OF THE UNITED-STATES.
GEOPHYSICS, V. 33, 1968: 755-780.
CHAPTER 5.

1203 TEMPLEMAN, W.
REDFISH DISTRIBUTION IN THE NORTH-ATLANTIC (ABSTRACT).
ICES/ICNAF REDFISH SYMP., COPENHAGEN, SECT. II, REDFISH DISTRIB., 1959: 154-156.

1204 TEMPLEMAN, W.
DISTRIBUTION AND CHARACTERISTICS OF ATLANTIC SALMON OVER OCEANIC-DEPTHS AND ON THE BANK AND SHELF SLOPE AREAS OFF NEWFOUNDLAND, MARCH - MAY, 1964.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 3, DEC. 1966: 62-85.

1205 TEMPLEMAN, W.
MAEDRICH, RICHARD L.
DISTRIBUTION AND COMPARISONS OF CENTROLOPHUS-NIGER (GMELIN) AND CENTROLOPHIUS-BRITANNICUS GUNTHER (CENTROLOPHIDAE) FROM THE NORTH-ATLANTIC.
J. FISH. RES. BD. CAN., V. 23, NO. 8, 1966: 1161-1185.

1206 TERZAGHI, K.
VARIETIES OF SUBMARINE SLOPE FAILURES.
PROC. 8TH TEXAS CONF. ON SOIL TECH. AND FOUND. ENG. SPEC. PUBL. 29, BUR. ENG. RES. UNIV. TEXAS, 41 P. 1958.
CHAPTER 8.

1207 THOMPSON, J. DANA
NUMERICAL SIMULATIONS OF THE COASTAL UPWELLING-CYCLE. ABSTRACT.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD. 3 THROUGH 6 APRIL, 1974.

1208 THOMPSON, ROBERT.
BLUEPRINTING GLOBAL WATER-TRAFFIC.
OCEAN INDUSTRY, V. 8, NO. 7, JULY 1973: 37-39.
CHAPTER 11.

1209 TIETJEN, J.H.
ECOLOGY AND DISTRIBUTION OF DEEP-SEA MEIOBENTHOS OFF NORTH-CAROLINA.
DEEP-SEA RES., 19, 1971: 941-957.
CHAPTER 7.3.

1210 TIAME, K.
SYSTEMATICS, VERTICAL-DISTRIBUTION AND LIFE-HISTORY OF THE SERRIVOMERID EELS IN THE BERMUDA-OCEAN-ACRE.
M.S. THESIS, UNIV. OF R.I., IN PREPARATION.
CHAPTER 7.4.

1212 TOMILIN, A.G.
MAMMALS OF THE U-S-S-R AND ADJACENT COUNTRIES.
CETACEA, V. 9, IN RUSSIAN, TRANS. ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS JERUSALEM, 1967.
DISTRIBUTED BY CLEARINGHOUSE, SPRINGFIELD, VA., 22151.
CHAPTER 7.4.

1213 TORPHY, SHANNON R.
ZEIGLER, J.M.
SUBMARINE-TOPOGRAPHY OF EASTERN-CHANNEL, GULF-OF-MAINE.
J. GEOL., V. 45, NO. 4, 1937: 433-441.

1214 TOWNSEND, C.W.
THE WHITE WHALE AT IPSWICH, MASSACHUSETTS.
J. MAMMALOGY, 10, 1929: 171.
CHAPTER 7.4.

1215 TRIDOM.
A SOCIO-ECONOMIC AND ENVIRONMENTAL-INVENTORY OF THE NORTH-ATLANTIC REGION.
THE RES. INST. OF THE GULF OF MAINE, 8 VOLS., 1974.
CHAPTER 10, S. 7.3.

1216 TRUE, F.W.
THE WHALEBONE WHALES OF THE WESTERN-NORTH-ATLANTIC COMPARED WITH THOSE OCCURING IN EUROPEAN-WATERS, WITH SOME OBSERVATIONS OF THOSE OCCURRING IN THE NORTH-PACIFIC.
SMITHSONIAN CONTRIBUTIONS TO KNOWLEDGE, V. 33, V. 99, PP 1-332, PL. 1-50, TEXT-FIG. 1-97, 1904.
CHAPTER 7.4.

1217 TRUE, F.W.
NOTES ON A KILLER WHALE, GENUS-ORCINUS, FROM THE COAST OF MAINE.
PROC. U.S. NAT. MUS. 27, 1904: 227-231, 2 PLS.
CHAPTER 7.4.

1218 TRUE, F.W.
AN ACCOUNT OF THE BEAKED WHALES OF THE FAMILY, ZIPHIIDAE, IN THE COLLECTION OF THE UNITED-STATES NATIONAL-MUSEUM, WITH REMARKS ON SOME SPECIMENS IN OTHER AMERICAN-MUSEUMS.
BULL. U.S. NAT. MUS. 73, 1910: 1-89, 42 PLS.
CHAPTER 7.4.

1219 TRUMBALL, J.V.A.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES - SAND-SIZE-FRACTION OF BOTTOM SEDIMENTS, NEW-JERSEY TO NOVA-SCOTIA.
U.S. GEOL. SURV. PROF. PAP. 529-K, 1972. 45 P.
CHAPTER 5.

1220 TRUMBALL, J.V.A.
HATHAWAY, J.C.
FURTHER EXPLORATION OF OCEANOGRAPHER-CANYON.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-37, 1968. 57 P.

1221 TRUMBALL, J.V.A.
MCCAMIS, W.J.
GEOLOGICAL-EXPLORATION IN AN EAST COAST SUBMARINE-CANYON FROM A RESEARCH SUBMERSIBLE.
SCIENCE, V. 158, NO. 3799, 1967: 370-372.
CHAPTER A, 5.

1222 TUCHOLKE, BRIAN E.
WRIGHT, W.R.
HOLLISTER, C.D.
ABYSSAL CIRCULATION OVER THE GREATER-ANTILLES-OUTER-RIDGE.
DEEP SEA RES., V. 20, NO. 11, 1973: 973-995.
CHAPTER 4.

1223 TURNER, H.J.
DEEP-OCEAN MARINE-FOULING.
OCEANUS, 10, 1963: 2-7.

1224 TURNER, R.
WOOD-BORING BIVALVES, OPPORTUNISTIC SPECIES IN THE DEEP-SEA.
SCIENCE, 180, 1973: 1377-1379.
CHAPTER 7.3.

1225 U.S. ARMY CORPS OF ENGINEERS.
WATERBORNE-COMMERCE OF THE UNITED-STATES, CALENDAR YEAR 1973, PART 1, WATERWAYS AND HARBORS, ATLANTIC-COAST.
1974.
CHAPTER 11.

1226 U.S. BUREAU OF COMMERCIAL FISHERIES.
AREA BETWEEN GEORGES-BANK AND CAPE-HATTERAS EXPLORED FOR TUNA STOCKS, MV-DELAWARE-CRUISE 68-6.
COMMER. FISH. REV., V. 22, NO. 7, 1960: 34-35.

1227 U.S. BUREAU OF COMMERCIAL FISHERIES.
GOOD CATCHES OF TUNA TAKEN ON EDGE OF GULF-STREAM SOUTH BY EAST OF NANTUCKET. MV-DELAWARE-CRUISE 59-6.
COMMER. FISH. REV.. V. 21. NO. 7. 1959. 40-41.

1228 U.S. BUREAU OF COMMERCIAL FISHERIES.
COMMERCIAL-STOCKS OF TUNA FOUND IN WESTERN-NORTH-ATLANTIC. MV-DELAWARE-CRUISE 59-1.
COMMER. FISH. REV.. V. 21. NO. 4. 1959. 46-47.

1229 U.S. COAST AND GEODETIC SURVEY.
U.S. BUREAU OF COMMERCIAL FISHERIES.
BATHYMETRIC MAPS OF THE ATLANTIC-CONTINENTAL-SHELF-AND-SLOPE FROM DELAWARE TO OUTER CAPE-COD.
U.S. COAST AND GEODETIC SURV.. CRGS 0807N-51 THROUGH 57. CRJAN-51 THROUGH 55. 0708N-51 THROUGH 53.
15 SHEETS. SCALE 1:125,000. 1957.
CHAPTER 5.

1230 U.S. COAST GUARD OCEANOGRAPHIC UNIT.
AIRBORNE RADIATION-THERMOMETER PROGRAM:
SURFACE-ISOTHERMS - DEG C. JUNE 10-12. 18-20. 1975.
WASHINGTON. D.C.. U.S. DEP. TRANSP.. 1975.

1231 U.S. COAST GUARD OCEANOGRAPHIC UNIT.
SURFACE ISOTHERMS - DEG C: JULY 22. 24. 25. 29. 30 AND 31. 1975.
AIRBORNE RADIATION THERMOMETER PROGRAM. WASHINGTON. D.C. 1975.
CHAPTER 4.

1232 U.S. COAST GUARD.
UNITED-STATES COAST-GUARD OCEANOGRAPHIC REPORTS.
WASHINGTON. D.C.. U.S. COAST GUARD. NAVY YARD ANNEX. CO 373 SEP.. N.D.

1233 U.S. COAST GUARD.
REPORT OF THE INTERNATIONAL ICE-PATROL-SERVICE IN THE NORTH-ATLANTIC-OCEAN. SEASON OF 1967.
CG-188-22. BULL. NO. 53. 1968.
CHAPTER 11.

1234 U.S. COAST GUARD.
REPORT OF THE INTERNATIONAL ICE-PATROL-SERVICE IN THE NORTH-ATLANTIC-OCEAN. SEASON OF 1972.
BULL. NO. 58. CG-188-27. 1973.
CHAPTER 11.

1235 U.S. COAST GUARD.
INTERNATIONAL ICE-PATROL.
GENERAL ICEBERG AND ICE-PATROL INFORMATION. NEW YORK.
CHAPTER 11.

1236 U.S. DEPARTMENT OF COMMERCE.
NATIONAL MARINE FISHERIES SERVICE.
REPORT OF THE-NATIONAL-MARINE-FISHERIES-SERVICE FOR THE CALENDAR YEAR 1976.
JULY. 1976. 50 P.

1237 U.S. DEPARTMENT OF COMMERCE.
ENVIRONMENTAL-CONDITIONS WITHIN SPECIFIED GEOGRAPHIC REGIONS. OFFSHORE EAST AND WEST COASTS OF THE UNITED-STATES AND IN THE GULF-OF-MEXICO.
WASHINGTON. D.C.. NAT. OCEANOGR. AND ATMOS. ADMIN.. 1973.
CHAPTER 4.3.

1238 U.S. DEPARTMENT OF COMMERCE.
FISHERY-STATISTICS OF THE UNITED-STATES.
STATIST. DIGIST NO. 64. STATIST. AND MARKET NEWS DIV.. NAT. MAR. FISH. SERV.. 1970. WASHINGTON D.C.
CHAPTER 10.

1239 U.S. DEPARTMENT OF COMMERCE.
FISHERY-STATISTICS OF THE UNITED-STATES.
STATIST. DIGIST NO. 66. STATIST. AND MARKET NEWS DIV.. NAT. MAR. FISH. SERV.. 1971. WASHINGTON D.C.
CHAPTER 10.

1240 U.S. DEPARTMENT OF COMMERCE.
FISHERIES OF THE UNITED-STATES.
STATIST. AND MARKET NEWS DIV.. NAT. MAR. FISH. SERV.. 1973.
CHAPTER 10.

1241 U.S. DEPARTMENT OF COMMERCE.
FISHERIES OF THE UNITED-STATES.
STATIST. AND MARKET NEWS DIV.. NAT. MAR. FISH. SERV.. 1974.
CHAPTER 10.

1242 U.S. DEPARTMENT OF COMMERCE.
ENVIRONMENTAL-CONDITIONS WITHIN SPECIFIED GEOGRAPHICAL REGIONS: OFFSHORE EAST AND WEST COASTS OF THE UNITED-STATES AND IN THE GULF-OF-MEXICO.
FINAL REPORT. NAT. OCEANIC. DATA CENTER. ENVIRON. DATA SERV.. NAT. OCEANIC. AND ATMOS. ADMIN.. WASHINGTON. D.C.. 1973.
CHAPTER 3.

1243 U.S. DEPARTMENT OF COMMERCE.
FISHERIES OF THE UNITED-STATES.
STATIST. AND MARKET NEWS DIV., NAT. MAR. FISH. SERV.,
1974.
CHAPTER 10.

1244 U.S. DEPARTMENT OF COMMERCE.
CLIMATIC ATLAS OF THE UNITED-STATES.
NOS 2, 3, AND 4, WASHINGTON, D.C., JUNE 1968.
CHAPTER 3.

1245 U.S. DEPARTMENT OF COMMERCE.
NATIONAL OCEAN SURVEY.
U.S. COASTAL PILOT 1, 2, AND 3, WASHINGTON, D.C.,
1974-1975.
CHAPTER 3.

1247 U.S. DEPARTMENT OF COMMERCE, MARITIME ADMINISTRATIO'.
ESSENTIAL UNITED-STATES FOREIGN-TRADE-ROUTES.
U.S. GOVT. PRINT. OFFICE, 70 P. JUNE 1975.
CHAPTER 11.

1248 U.S. DEPARTMENT OF COMMERCE, NOAA.
REPORT TO THE CONGRESS ON OCEAN-DUMPING AND OTHER
MAN-INDUCED-CHANGES TO OCEAN-ECOSYSTEMS, OCTOBER
1972 THROUGH DECEMBER 1973.
U.S. GOVT. PRINT. OFFICE, 96 P. MARCH 1974.
CHAPTER 11.

1249 U.S. DEPARTMENT OF THE INTERIOR.
SEA TURTLES, PROPOSED THREATENED-STATUS.
FED. REGIST., V. 40, NO. 98, MAY 20, 1975:
21974-21977, 21983-21986.
CHAPTER 7.4.

1250 U.S. DEPARTMENT OF THE NAVY.
U.S. WEATHER BUREAU.
CLIMATOLOGICAL AND OCEANOGRAPHIC-ATLAS FOR MARINERS,
VOLUME 1, NORTH-ATLANTIC OCEAN.
WASHINGTON, D.C., U.S. DEP. OF COMMER., 1959.

1251 U.S. DEPARTMENT OF THE NAVY.
ENVIRONMENTAL-CONDITION REPORT FOR NUMBERED
DEEP-WATER MUNITIONS DUMP-SITES.
APRIL 1972.
CHAPTER 11.

1252 U.S. DEPARTMENT OF TRANSPORTATION.
U.S. COAST GUARD OCEANOGRAPHIC UNIT.
SURFACE-ISOTHERMS DEG C. MAY 20, 21 AND 22, 1975.
WASHINGTON, D.C., 1975.

1253 U.S. ENVIRONMENTAL PROTECTION AGENCY.
INDEXED BIBLIOGRAPHY OF OFFICE OF
RESEARCH-AND-DEVELOPMENT REPORTS UPDATED TO
JANUARY 1975.
WASHINGTON, D.C., OFFICE OF RESEARCH AND
DEVELOPMENT, MARCH 1975.

1254 U.S. ENVIRONMENTAL PROTECTION AGENCY.
OCEAN-DUMPING IN THE UNITED-STATES, 1973.
THIRD ANNU. REP. OF ENVIRON. PROT-AGENCY IN ADMIN.
OF TITLE I, WASHINGTON, D.C. 1974.
CHAPTER 9.

1255 U.S. ENVIRONMENTAL PROTECTION AGENCY.
APPROVED INTERIM DUMPING-SITES.
ENVIRON. PROT. AGY., REGION II, NEW YORK CITY, 1974.
CHAPTER 9.

1256 U.S. FISH AND WILDLIFE SERVICE.
UNITED-STATES LIST OF ENDANGERED-FAUNA.
WASHINGTON, D.C., MAY 1974, 22 P.
CHAPTER 7.4.

1257 U.S. GEOLOGICAL SURVEY.
SEDIMENTS, STRUCTURAL-FRAMEWORK, PETROLEUM
POTENTIAL, ENVIRONMENTAL-CONDITIONS, AND
OPERATIONAL CONSIDERATIONS OF THE UNITED-STATES
SOUTH ATLANTIC OUTER CONTINENTAL-SHELF.
U.S. DEP. INTERIOR, GEOL. SURV., OPEN FILE REP.
#75-411, 1975.
CHAPTER 5.

1258 U.S. GEOLOGICAL SURVEY.
SEDIMENTS, STRUCTURAL-FRAMEWORK, PETROLEUM-POTENTIAL,
ENVIRONMENTAL-CONDITIONS, AND OPERATIONAL-CONSIDERATIONS
OF THE MID-ATLANTIC AREA.
U.S. GEOL. SURV. OPEN-FILE REP. NO. 75-61, 143 PP.
1975.
CHAPTER 5.

1259 U.S. NAVAL OCEANOGRAPHIC OFFICE AND ENVIRONMENTAL DATA SERVI
PILOT CHART OF THE NORTH-ATLANTIC-OCEAN.
DEFENSE MAPPING AGENCY HYDROGRAPHIC CENTER, NO. 16.
JAN. 1974, SEPT. 1974, DEC. 1974, AUG. 1974.
CHAPTER 11.

1260 U.S. NAVAL OCEANOGRAPHIC OFFICE.
DISTANCES BETWEEN PORTS.
WASHINGTON: D.C. HYDROGR. OFFICE PUBL. NO. 151: N.O.
CHAPTER 11.

1261 U.S. NAVAL OCEANOGRAPHIC OFFICE.
PILOT CHART OF THE NORTH-PACIFIC-OCEAN: FLEET OPERATING-AREAS: WESTERN ATLANTIC-OCEAN: NORTHERN PART.
N.O. 1401: MARCH 1970.
CHAPTER 11.

1262 U.S. NAVAL WEATHER SERVICE COMMAND.
SUMMARY OF SYNOPTIC METEOROLOGICAL-OBSERVATIONS: SAMPLE TABLES.
ASHEVILLE: N.C.: N.D.

1263 U.S. NAVAL WEATHER SERVICE COMMAND.
SUMMARY OF SYNOPTIC METEOROLOGICAL-OBSERVATIONS: NORTH AMERICAN COASTAL MARINE AREAS - REVISED.
ATLANTIC AND GULF-COASTS.
NAT. TECH. INF. SERV.: MAY 1975. 553 P. VOL. 2.

1264 U.S. NAVAL WEATHER SERVICE COMMAND.
SUMMARY OF SYNOPTIC METEOROLOGIC OBSERVATIONS.
NORTH AMERICAN COASTAL MARINE AREAS.
NOAS 1: 2 AND 3. 1970.
CHAPTER 3.

1265 U.S. NAVY.
OCEANOGRAPHIC ATLAS OF THE NORTH-ATLANTIC OCEAN: SECTION IV: SEA AND SWELL.
HYDROGR. OFFICE PUBL. 700. 1963.
CHAPTER 4.

1266 UCHUPI: ELAZAR.
SEDIMENTS ON THE CONTINENTAL-MARGIN OFF EASTERN UNITED-STATES.
U.S. GEOL. SURV. PROF. PAP. 475-C: 1963: 132-137.
CHAPTER 5.

1267 UCHUPI: ELAZAR.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES: PHYSIOGRAPHY.
U.S. GEOL. SURV. PROF. PAP. 529-C: 1968: C1-C30.
CHAPTER 5.

1268 UCHUPI: ELAZAR.
ATLANTIC CONTINENTAL-SHELF-AND-SLOPE OF THE UNITED-STATES: SHALLOW STRUCTURE.
U.S. GEOL. SURV. PROF. PAP. 529-I: 1970. 44 P.
CHAPTER 5.

1269 UCHUPI: ELAZAR.
EMERY: K.O.
STRUCTURE OF CONTINENTAL-MARGIN OFF ATLANTIC-COAST OF THE UNITED-STATES.
AMER. ASS. PETROL. GEOL. BULL.: V. 51: NO. 2:
1967: 223-234.

1270 UCHUPI: ELAZAR.
MAP SHOWING RELATION OF LAND AND SUBMARINE-TOPOGRAPHY: NOVA-SCOTIA TO FLORIDA.
U.S. GEOL. SURV.: MISC. GEOL. INVEST.: MAP I-491:
1968.
CHAPTER 4.

1271 UCHUPI: ELAZAR.
MARINE GEOLOGY OF THE CONTINENTAL-MARGIN OFF NOVA-SCOTIA: CANADA.
TRANS. N.Y. ACAD. SCI. SER. 2: V. 31: NO. 1: 1969:
56-65.

1272 UCHUPI: ELAZAR.
TAGG: A.R.
TOPOGRAPHY AND STRUCTURE OF THE CONTINENTAL-SHELF-AND-SLOPE OFF NORTHEASTERN UNITED-STATES.
AMER. GEOPHYS. UNION TRANS.: V. 1: NO. 42: 1966: 121.

1273 UCHUPI: ELAZAR.
PHILLIPS: J.D.
PRADA: K.E.
ORIGIN AND STRUCTURE OF THE NEW-ENGLAND SEAMOUNT-CHAIN.
DEEP-SEA RES.: 17: 1969: 483-494.

1274 UCHUPI: ELAZAR.
TOPOGRAPHY AND STRUCTURE OF NORTHEAST-CHANNEL: GULF-OF-MAINE.
BULL. AMER. ASS. PETROL. GEOL.: V. 50: NO. 1: 1966:
145-167.

1275 UCHUPI, ELAZAR.
SEISMIC-PROFILING SURVEY OF THE EAST COAST SUBMARINE-CANYONS. I: WILMINGTON, BALTIMORE, WASHINGTON, AND NORFOLK CANYONS.
DEEP-SEA RES., V. 15, NO. 5, 1968: 613-616.

1276 UCHUPI, ELAZAR.
DESCRIPTION OF THE SUBSURFACE MORPHOLOGY OF THE SHELF AND SLOPE (CONTINENTAL-TERRACE) AND SOME SPECULATIONS ON THE EVOLUTION OF THE SEDIMENTARY-FRAMEWORK OF THE TERRACE.
U.S. GEOL. SURV. PROF. PAP., NO. 529-I, 1970: 11-144.

1277 UCHUPI, ELAZAR.
SLUMPING ON THE CONTINENTAL-MARGIN SOUTHEAST OF LONG-ISLAND, NEW-YORK.
DEEP-SEA RES., V. 14, NO. 5, 1967: 635-639.

127A UCHUPI, ELAZAR.
THE CONTINENTAL-MARGIN OFF THE EAST COAST OF NORTH-AMERICA: A DISCUSSION.
OFFSHORE TECHNOL. CONF., PREPRINT PAP. NO. OTC 1124, 1969: 445-452.

1279 UCHUPI, ELAZAR.
UNUSUAL-HAULS FROM GEORGES-BANK.
OCEANUS, V. 10, NO. 4, 1964: 20-22.
CHAPTER 12.

1280 UCHUPI, ELAZAR.
THE CONTINENTAL-MARGIN SOUTH OF CAPE-HATTERAS, NORTH-CAROLINA: SHALLOW STRUCTURE.
SOUTHEAST. V. 9, 1967: 155-177.
CHAPTER 5.

1281 UEYANAGI, S.
KIKAWA, S.
UTO, M.
NISHIKAWA, Y.
DISTRIBUTION, SPAWNING, AND RELATIVE ABUNDANCE OF BILLFISHES IN THE ATLANTIC OCEAN.
BULL. FAR SEAS FISH. RES. LAB. (SHIMIZU), V. 3, 1970: 15-55.

1282 ULMER, F.A., JR.
MESOPLODON-MIRUS IN NEW-JERSEY, WITH ADDITIONAL NOTES ON THE NEW-JERSEY MESOPLODON-DENSIROSTRIS, AND A LIST AND KEY TO THE ZIPHOID WHALES OF THE ATLANTIC-COAST OF NORTH-AMERICA.
PROC. ACAD. NAT. SCI. PHILA., 49, 1941: 107-122.
CHAPTER 7.4.

1283 UNIVERSITY OF RHODE ISLAND.
MARINE EXPERIMENT STATION.
COASTAL AND OFFSHORE ENVIRONMENTAL-INVENTORY.
CAPE-HATTERAS TO NANTUCKET-SHOALS.
KINGSTON, R.I., 2 VOL. 1972.

1284 UNIVERSITY OF RHODE ISLAND.
LIST OF DISSERTATIONS (PH.D.)
GRAD. SCH. OCEANOGR., 1971.

1285 UPHAM, WARREN.
THE FISHING-BANKS BETWEEN CAPE-COD AND NEWFOUNDLAND.
AMER. J. SCI., 3RD SER., V. 47, 1894: 123-129.
CHAPTER 5.

1286 VACCARO, RALPH F.
AVAILABLE NITROGEN AND PHOSPHORUS AND THE BIOCHEMICAL-CYCLE IN THE ATLANTIC OFF NEW-ENGLAND.
J. MAR. RES., V. 21, NO. 3, 1963: 284-301.
CHAPTER 6.

1287 VACCARO, RALPH F.
INORGANIC NITROGEN IN SEA-WATER.
IN: CHEMICAL OCEANOGRAPHY, J.P. RILEY AND G. SKIRROW, (EDS.): ACAD. PRESS, V. 1, 1965: 365-408.

1288 VACCARO, RALPH F.
RYTHER, J.H.
MARINE PHYTOPLANKTON AND THE DISTRIBUTION OF NITRITE IN THE SEA.
J. DE CONSEIL, V. 25, NO. 3, 1960: 260-271.

1289 VEATCH, A.C.
SMITH, P.A.
ATLANTIC SUBMARINE-VALLEYS OF THE UNITED-STATES AND THE CONGO SUBMARINE-VALLEY.
GEOL. SOC. AMER. SPEC. PAP. 7, 1939. 101 P.
CHAPTER 4, 5.

1290 VERBER, J.L.
RUELOW, R.W.
PRINGLE, R.H.
OCEAN-DISPOSAL OF WASTE-MATERIAL - OFF DELAWARE-BAY AND NEW-YORK-RIGHT.
IN: PROCEEDINGS, SECOND MID-ATLANTIC INDUSTRIAL WASTE CONFERENCE, DREXEL INST. OF TECHNOL., NOV. 18-20, 1968, PHILADELPHIA, 1969: 127-153.
CHAPTER 11.

1291 VERRILL, A.E.
REPORT ON THE CEPHALOPODS OF THE NORTHEASTERN COAST OF AMERICA. PART II. MONOGRAPHIC-REVISION OF THE CEPHALOPODS OF THE ATLANTIC-COAST, FROM CAPE-HATTERAS TO NEWFOUNDLAND.
REP. U.S. COMM. FISH., V. 7: 1882: 293-455.

1292 VERRILL, A.E.
REVISION OF THE DEEP-WATER MOLLUSCA OF THE ATLANTIC-COAST OF NORTH-AMERICA, WITH DESCRIPTIONS OF NEW GENERA AND SPECIES.
PROC. U.S. NAT. MUS., 775-894, INDEX 897-901.
PL. LXXI-XCVII. 1884.

1293 VERRILL, A.E.
NOTICE OF RECENT ADDITIONS TO THE MARINE INVERTEBRATA OF THE NORTHEASTERN COAST OF AMERICA, WITH DESCRIPTIONS OF NEW GENERA AND SPECIES AND CRITICAL REMARKS ON OTHERS: IV. ADDITIONS TO THE DEEP-WATER MOLLUSCA, TAKEN OFF MARTHA'S-VINEYARD IN 1880-1881.
PROC. U.S. NAT. MUS., 5: 1882: 315-342.

1294 VERRILL, A.E.
OCCURRENCE OF FOSSILIFEROUS TERTIARY-ROCKS ON THE GRAND-BANK AND GEORGES-BANK.
AMER. J. SCI., 3RD SER., V. 16: 1878: 323-324.
CHAPTER 5.

1295 VERRILL, A.E.
RESULTS OF THE EXPLORATIONS MADE BY THE STEAMER ALBATROSS OFF THE NORTHERN COAST OF THE UNITED-STATES IN 1883.
REPT. U.S. COMM. FISH AND FISHERIES (1883), 1885: 503-699.
CHAPTER 7.3.

1296 VINOGRADOV, M.E.
THE FEEDING OF DEEP-SEA ZOOPLANKTON.
IN: J.H. FRASER AND J. CORLETT. RAPP. PROC. VERB. REUNION CONS. PERM. INT. EXPLOR. MER., 153: 1961: 114-120.
CHAPTER 7.3.

1297 VINOGRADOV, V.I.
STUDIES OF THE FOOD-HABITS OF SILVER AND RED HAKE IN THE NORTHWEST-ATLANTIC AREA: 1965-67.
INT. COMM. NW ATL. FISH., RES. BULL. NO. 9.
DEC. 1972: 41-50.

1298 VOLKMANN, G.H.
DEEP CURRENTS OBSERVATION IN THE WESTERN-NORTH-ATLANTIC.
DEEP-SEA RES., V. 9: 1962: 493-500.
CHAPTER 4.

1299 VOLKMANN, G.H.
DEEP CURRENT MEASUREMENTS USING NEUTRALLY BOUYANT FLOATS.
IN: HILL, M.N. (ED.): THE SEA: V. 2: THE COMPOSITION OF SEA-WATER COMPARATIVE AND DESCRIPTIVE OCEANOGRAPHY.
NEW YORK: INTERSCI. PUBL., JOHN WILEY AND SONS.
1963: 297-302.

1300 VOLKMANN, G.H.
MOORE, D.E.
SURFACE SLOPE-WATER.
TRANS. AMER. GEOPHYS. UNION, V. 53: 1972, 393 P.

1301 VON HERZEN, RICHARD P.
SIMMONS, G.
TWO HEAT-FLOW-PROFILES ACROSS THE ATLANTIC-OCEAN.
WOODS HOLE OCEANOGR. INST. REF. NO. 72-70.
EARTH AND PLANET. SCI. LETT., V. 15: 1972: 19-27.

1302 VOORHIS, ARTHUR D.
LAGRANGIAN CURRENTS ALONG THE SHELF-EDGE SOUTH OF NEW-ENGLAND. ABSTRACT.
PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD.
3 THROUGH 6 APRIL, 1974.
CHAPTER 4.

1303 VOORHIS, ARTHUR D.
MEASUREMENTS OF VERTICAL-MOTION AND THE PARTITION OF ENERGY IN THE NEW-ENGLAND SLOPE-WATER.
WOODS HOLE OCEANOGR. INST. REF. NO. 69-9.
DEEP-SEA RES., V. 16, NO. 5: 1969: 599-608.

1304 WALFORD, L.A.
WICKLUND, R.I.
MONTHLY SEA TEMPERATURE STRUCTURE FROM THE FLORIDA-KEYS TO CAPE-COD.
AMER. GEOGR. SOC. SER. ATLAS OF THE MAR. ENVIRON.
FOLIO 15: 1968. 2 P. 14 PL. APPEND.

1305 WALLACE, D.H.
WALLACE, D.M.
OBSERVATIONS ON THE FEEDING-HABITS OF THE WHITE MARLIN TETRAPTURUS-ALBIDUS POEY.
SOLOMONS, MD., CHESAPEAKE BIOL. LAB., DD. NATUR. RESOUR., PUBL. NO. 50: 1942: 3-10.

1306 WALLACE, G.T.
DUCE, R.A.
CONCENTRATION OF PARTICULATE TRACE-METALS AND PARTICULATE ORGANIC-CARBON IN MARINE SURFACE WATERS BY A BUBBLE-FLOTATION-MECHANISM.
MAR. CHEM., V. 3, P. 157, 1975.
CHAPTER 6.

1307 WARME, J.E.
SCANLAND, T.R.
MARSHALL, N.F.
SUBMARINE-CANYON EROSION: CONTRIBUTION OF MARINE-ROCK-BURROWERS.
SCIENCE, 173, 1971: 1127-1129.
CHAPTER A, 7.3.

1308 WARREN, BRUCE A.
THE GULF-STREAM.
TRANS. AMER. GEOPHYS. UNION, V. 48, NO. 2.
1967: 565-569.

1309 WARREN, BRUCE A.
VOLKMANN, G.H.
MEASUREMENT OF VOLUME-TRANSPORT OF THE GULF-STREAM SOUTH OF NEW-ENGLAND.
WOODS HOLE OCEANOGR. INST. REF. NO. 68-47. J. MAR. RES., V. 6, NO. 2, 1968: 110-126.
CHAPTER 4.

1310 WARREN, BRUCE A.
NOTES ON TRANSLATORY-MOVEMENT OF RINGS OF CURRENT WITH APPLICATION TO GULF-STREAM-EDDIES.
DEEP-SEA RES., V. 14, NO. 5, 1967: 505-524.

1311 WARREN, BRUCE A.
TOPOGRAPHIC-INFLUENCES IN THE PATH OF THE GULF-STREAM.
TELLUS, V. 15, NO. 2, 1963: 167-183.
CHAPTER 4.

1312 WASS, M.L.
BIRDS OF THE COASTAL-ZONE. A SOCIO-ECONOMIC ENVIRONMENTAL-BASELINE-SUMMARY FOR THE SOUTH-ATLANTIC-REGION BETWEEN CAPE-HATTERAS AND CAPE-CANAVERAL, FLORIDA.
VOL. III. CHEMICAL AND BIOLOGICAL OCEANOGRAPHY.
VA. INST. OF MAR. SCI. GLOUCESTER POINT, VA.
1974: 521-703.
CHAPTER 7.5.

1313 WATERMAN, T.H.
NUNNEMACHER, R.F.
CHACE, F.A., JR.
CLARKE, G.L.
DIURNAL VERTICAL MIGRATIONS OF DEEP-WATER PLANKTON.
WOODS HOLE, BIOL. BULL., V. 76, NO. 2.
1939: 256-279.
CHAPTER 7.2.

1314 WATERS, J. H.
RIVARD, C. J. J.
TERRESTRIAL AND MARINE MAMMALS OF MASSACHUSETTS AND OTHER NEW-ENGLAND STATES.
BROCTON, MASS., STAN. MOD. PRINT. CO., 1962, 191 P.
CHAPTER 7.4.

1315 WATTS, GORDON, P., JR.
ARCHIVAL-RESEARCH AND TECHNOLOGY: KEYS TO THE LOCATION AND IDENTIFICATION OF THE IRONCLAD USS MONITOR.
PAPER PRESENTED AT THE CONF. ON UNDERWATER ARCHAEOL., SHA CONVENTION, CHARLESTON, S.C. JAN. 1975, 14 P.
CHAPTER 11.

1316 WEAR, C. MICHAEL.
STANLEY, D.J.
BOULA, JAMES E.
SHELF-BREAK PHYSIOGRAPHY BETWEEN WILMINGTON AND NORFOLK CANYONS.
MAR. TECHNOL. SOC. J., V. 8, NO. 4, 1974: 37-48.
CHAPTER 5.

1317 WEATHERLY, GEORGE L.
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PRESENTED AT CONFERENCE ON PHYSICAL OCEANOGRAPHY OF THE CONTINENTAL SHELVES AT ANNAPOLIS, MD. 3 THROUGH 6 APRIL, 1974.

1318 WEATHERLY, GEORGE L.
NIILER, PEARN P.
BOTTOM HOMOGENEOUS-LAYERS IN THE FLORIDA-CURRENT.
GEOPHYS. RES. LETT. V. 1, NO. 7, 1974: 316-319.
CHAPTER 4.

1319 WEAVER, J.C.
ICE-ATLAS OF THE NORTHERN-HEMISPHERE.
WASHINGTON, D.C., U.S. NAVY HYDROGR. OFFICE, 1946.
106 P.

1320 WEBB, B.F.
DOLPHIN SIGHTINGS, TASMAN-BAY TO COOK-STRAIT, NEW-ZEALAND, SEPTEMBER 1968-JUNE 1969.
N.Z. J. MAR. FRESH. RES. V. 7, NO. 4, 1973: 399-405.
CHAPTER 7.4.

1321 WEBSTER, FERRIS.
DEEP-SEA RES., 13, 1966: 85-98.

1322 WEBSTER, FERRIS.
DEPARTURES FROM GEOSTROPHY IN THE GULF-STREAM.
DEEP-SEA RES., V. 9, NO. 2, 1962: 117-119.

1323 WEBSTER, FERRIS.
VERTICAL-PROFILES OF HORIZONTAL OCEAN CURRENTS.
DEEP SEA RES., V. 14, 1969: 85-98.
CHAPTER 4.

1324 WEITZMAN, S.H.
OSTEOLOGY AND EVOLUTIONARY-RELATIONSHIPS OF THE STERNOPTYCHIDAE, WITH A NEW CLASSIFICATION OF STOMIATOID FAMILIES.
BULL. AMER. MUS. NATUR. HIST., V. 155, NO. 3, 1974: 329-478.
CHAPTER 7.4.

1325 WELLS, M.W.
GRAY, I.E.
SUMMER UPWELLING OFF THE NORTHEAST COAST OF NORTH-CAROLINA.
LIMNOL. AND OCEANOGR., 5, 1960: 108-109.

1326 WELSH, J.H.
CHACE, F.A., JR.
NUNNEMACHER, R.F.
THE DIURNAL MIGRATION OF DEEP-WATER ANIMALS.
BIOL. BULL., V. 73, 1937: 185-196.

1327 WENNER, CHARLES A.
ASPECTS OF THE BIOLOGY AND MORPHOLOGY OF THE SNAKE EEL, PISODONOPHIS-CRUENTIFER PISCES, OPHICHTHIDAE.
GLOUCESTER POINT, VA., VA. INST. MAR. SCI.,
(INTENDED JOURNAL = FISH. RES. BD. CAN.)

1328 WENNER, CHARLES A.
ASPECTS OF THE BIOLOGY OF THE SNAKE EEL, PISODINOPHIS-CRUCUTIFER, PISCES, OPHICHTHIDAE.
GLOUCESTER POINT, VA., VA. INST. MAR. SCI., UNPUBL. MS, 1975.

1329 WENNER, CHARLES A.
THE OCCURRENCE OF ELVERS OF LYNAPHOBRANCHUS-ALBINIS ON THE CONTINENTAL SLOPE OFF NORTH-CAROLINA.
FISH. BULL. V. 73, NO. 3, 1975: 687-690.
CHAPTER 7.3.

1330 WHEELER, ELLSWORTH.
ATLANTIC DEEP-SEA CALANOID COPEPODA.
PH.D. DISS., UNIV. OF R.I., 1968.

1331 WHITCOMB, V.L.
OCEANOGRAPHY OF THE MID-ATLANTIC BIGHT IN SUPPORT OF ICNAF.
U.S.C.G. OCEANOGR. REP. NO. 35, 1970.

1332 WHITELEY, G.C.
THE DISTRIBUTION OF LARGER PLANKTONIC CRUSTACEA ON GEORGES-BANK.
ECOL. MONOGR., 18, 1948: 233-264.

1333 WHITMORE, FRANK C., JR.
EMERY, K.O.
COOKE, H.R.S.
SWIFT, DONALD J.P.
ELEPHANT-TEETH FROM THE ATLANTIC CONTINENTAL-SHELF.
SCIENCE, V., 156, NO. 3781, 1967: 1477-1481.
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1334 WIEBE, PETER H.
HILBURT, EDWARD M.
CARPENTER, EDWARD J.
JAHN, ANDREW E.
KNAPP, GEORGE P. III.
BOYD, STEVEN H.
ORTNER, PETER B.
COX, JAMES L.
GULF-STREAM COLD-CORE-RINGS: LARGE SCALE INTERACTION SITES FOR OPEN OCEAN PLANKTONIC-COMMUNITIES.
IN: ABSTRACTS OF PAPERS SUBMITTED FOR THE THIRTY-EIGHTH ANNUAL MEETING OF LIMNOLOGY & OCEANOGRAPHY, INC., DALHOUSIE UNIV., HALIFAX, NOVA SCOTIA, CANADA, JUNE 22-26, 1975.

1335 WIEBE, PETER H.
CARPENTER, EDWARD J.
OSBORN, K.
WIGLEY, ROLAND L.
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BIOLOGICAL-EFFECTS.
IN: PROCEEDINGS OCEAN DISPOSAL CONFERENCE, WOODS HOLE, MASS, FEB, 23, 1971.
CHAPTER 9.

1336 WIGLEY, ROLAND L.
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SCIENCE, V. 141, NO. 3578, 1963: 358-359.
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1337 WIGLEY, ROLAND L.
EMERY, K.O.
BENTHIC-ANIMALS, PARTICULARLY HYALINOECIA,
ANNELIDA, AND OPHIOMUSIUM THE CONTINENTAL-SLOPE.
IN: J.B. HERSEY (ED.), DEEP-SEA PHOTOGR.
BALTIMORE, MD., JOHNS HOPKINS PRESS, 1967: 235-240.

1338 WIGLEY, ROLAND L.
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PROC. NAT. SHELLFISH. ASS., V. 41, 1971: 85-87.

1339 WIGLEY, ROLAND L.
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SEASONAL FOOD-HABITS OF HIGHLANDS-GROUND HADDOCK.
TRANS. AMER. FISH. SOC., V. 94, NO. 3,
1965: 243-251.

1340 WIGLEY, ROLAND L.
THEROUX, ROGER B.
SEA-BOTTOM-PHOTOGRAPHS AND MACROBENTHOS-COLLECTIONS
FROM THE CONTINENTAL-SHELF OFF MASSACHUSETTS.
U.S. FISH AND WILDLIFE SERV., BUR. COMMER. FISH.,
SPEC. SCI. REP. FISH. NO. 613, 1970.

1341 WIGLEY, ROLAND L.
BURNS, BRUCE R.
DISTRIBUTION AND BIOLOGY OF MYSIDS, CRUSTACEA,
MYSIDA, FROM THE ATLANTIC-COAST OF THE
UNITED-STATES IN THE NMFS-WOODS-HOLE COLLECTION.
FISH. BULL., V. 69, NO. 4, 1971: 717-746.
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1342 WIGLEY, ROLAND L.
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BENTHIC-ANIMALS, PARTICULARLY HYALINOECIA,
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DEEP-SEA PHOTOGR., HERSEY, JOHN BRACKETT (ED.),
JOHNS HOPKINS OCEANOGR. STUDIES NO. 3, 1967:
235-249.
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1343 WIGLEY, ROLAND L.
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FISH. BULL., V. 71, NO. 1, 1973: 1-40.
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1344 WIGLEY, ROLAND L.
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J. SEDIMENT. PETROLOGY, V. 31, NO. 2, 1961:
165-188.

1345 WIGLEY, ROLAND L.
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FISHING-BANKS.
UNDERWATER NATUR., V. 5, NO. 1, 1968: 8-13.

1346 WIGLEY, ROLAND L.
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COMMER. FISH. REV., V. 28, NO. 11, 1966: 28-32.
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1347 WIGLEY, ROLAND L.
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LIMNOL. AND OCEANOGR., V. 9, NO. 4, 1964:
485-493.
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1348 WIGLEY, ROLAND L.
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FROM NEW-ENGLAND WATERS.
BIOL. BULL., V. 119, NO. 1, 1960: 153-160.

1349 WIGLEY, ROLAND L.
THEROUX, ROGER B.
MURRAY, H.E.
DEEP-SEA RED CRABS, GERYON-QUINQUEDENS, SURVEY OFF
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MAR. FISH. REV., V. 37, NO. 8, 1975: 1-21.
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1350 WILDER, D.G.
CANADIAN ATLANTIC CRAB-RESOURCES.
FISH. RES. BD. CAN. GEN. SER. CIRC. NO. 50, 1966.
4 P.
CHAPTER 7.3.

1351 WILKNISS, P.E.
ENVIRONMENTAL-CONDITION REPORT FOR DEEP-WATER DUMP-AREA A.
WASHINGTON, D.C., NAVAL RES. LAB. 1973.
CHAPTER 9.

1352 WILLEY, G.R.
PHILLIPS, P.
METHOD AND THEORY IN AMERICAN ARCHAEOLOGY.
CHICAGO, UNIV. OF CHICAGO PRESS, PHOENIX BOOKS, 1958.
CHAPTER 12.

1353 WILSON, PETER C.
BARTLETT, MARTIN P.
INVENTORY OF U.S. EXPLORATORY LONGLINE FISHING-EFFORT AND CATCH-RATES FOR TUNAS AND SWORDFISH IN THE NORTHWESTERN-ATLANTIC, 1957-65.
SPEC. SCI. REP. FISH., U.S. FISH AND WILDLIFE SERV., NO. 549, 1967. 92 P.

1354 WINDOM, H.
STICKNEY, R.
WHITE, D.
TAYLOR, F.
ARSENIC, CADMIUM, MERCURY, AND ZINC IN SOME SPECIES OF NORTH-ATLANTIC FINFISH.
J. FISH. RES. BD. CAN., V. 4, NO. 12, 1973: 60.
CHAPTER 9.

1355 WINN, H.E.
PERKINS, P.J.
WINN, L.
SOUNDS AND BEHAVIOR OF THE BOTTLENOSED WHALE.
PROC. 7TH ANN. CONF. ON BIOLOGICAL SONAR AND DIVING MAMMALS, STANFORD INST., MENLO PARK, CALIFORNIA, PP 43-59, 1970.
CHAPTER 7.4.

1356 WIRSEN, CARL O.
JANNASCH, HOLGER W.
MICROBIAL-TRANSFORMATIONS OF SOME 14C-LABELED SUBSTRATES IN COASTAL-WATER AND SEDIMENT.
MICROBIAL ECOL., V. 1, 1974: 25-37.

1357 WIRSEN, CARL O.
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MAR. BIOL., 31, 1975: 201-208.
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1358 WISE, J.P.
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NOAA TECH. REP. NMFS, SSRF-642, 1973.
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1359 WISEMAN, J.D.H.
DEFINITION OF FEATURES OF THE DEEP-SEA-FLOOR.
DEEP-SEA RES., V. 1, 1953: 11-16.

1360 WOLMAN, A.A.
HUMPBACK WHALE.
IN: A. SEED, (ED.) BALEEN WHALES, PACIFIC SEARCH BOOKS, SEATTLE, WASHINGTON, PP 38-42, 1972.
CHAPTER 7.4.

1361 WOODS HOLE OCEANOGRAPHIC INSTITUTION.
MARINE-RESOURCES DEVELOPMENT AND MANAGEMENT, A REPORT ON THE WOODS-HOLE-OCEANOGRAPHIC-INSTITUTION SEA-GRANT-PROGRAM FOR JULY 1973-JUNE 1974.
WOODS HOLE, MASS., WHOI-74-98, 1974.

1362 WOODS HOLE OCEANOGRAPHIC INSTITUTION.
DEEP-SUBMERGENCE-RESEARCH CONDUCTED DURING THE PERIOD 16 JUNE 1971 THROUGH 31 DECEMBER 1973.
WOODS HOLE, MASS., TECH. REP. FOR OFFICE OF NAV. RES., AUGUST, 1974.

1363 WOODS HOLE OCEANOGRAPHIC INSTITUTION.
SUMMARY OF INVESTIGATIONS CONDUCTED IN 1969.
WOODS HOLE OCEANOGR. INST. REF. NO. 70-11, MARCH, 1970.

1364 WOODS HOLE OCEANOGRAPHIC INSTITUTION.
ANNUAL REPORT, 1974.
WOODS HOLE, MASS. 1975.

1365 WOODS HOLE OCEANOGRAPHIC INSTITUTION, UNOLS OFFICE.
UNIVERSITY - NATIONAL OCEANOGRAPHIC-LABORATORY-SYSTEM RESEARCH-VESSEL-OPERATING-SCHEDULE, 1975.
WOODS HOLE, MASS., NOVEMBER 1974.

1366 WOODS HOLE OCEANOGRAPHIC INSTITUTION, UNOLS OFFICE.
UNIVERSITY - NATIONAL OCEANOGRAPHIC-LABORATORY-SYSTEM TENTATIVE-VESSEL-OPERATING-SCHEDULE, 1976.
WOODS HOLE, MASS., APRIL 1975.

1367 WORTHINGTON, L.V.
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NORTH-ATLANTIC OCEAN-ATLAS OF POTENTIAL TEMPERATURE AND SALINITY IN THE DEEP-WATER INCLUDING TEMPERATURE, SALINITY AND OXYGEN PROFILES FROM THE ERIKA-DAN-CRUISE OF 1962.
WOODS HOLE OCEANOGR. INST., ATLAS NO. 2, 1970.
58 PL.

1368 WORTHINGTON, L.V.
ANOMALOUS CONDITIONS IN THE SLOPE-WATER AREA IN 1959.
J. FISH. RES. BD. CAN., 21: 1964: 327-333.
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1369 WORTHINGTON, L.V.
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DEEP SEA RES., V. 17, NO. 1: 1970: 77-84.
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1370 WORTHINGTON, L.V.
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IN: H. STOMMEL AND K. YOSHIDA, (EDS.) KUROSHIO, ITS PHYSICAL ASPECTS, CHAPTER 10, PP 371-385.
UNIV. OF TOKYO PRESS, 1972.
CHAPTER 4.

1371 WORTHINGTON, L.V.
ON THE NORTH-ATLANTIC CIRCULATION, (IN PRESS).
JOHNS HOPKINS OCEANOGR. STUDIES.
CHAPTER 4.

1372 WORZEL, J.L.
STRUCTURE OF CONTINENTAL-MARGINS AND DEVELOPMENT OF OCEAN-TRENCHES.
CAN. GEOL. SURV. PAP. 64-15, 1966: 357-397.

1373 WORZEL, J.L.
SURVEY OF CONTINENTAL-MARGINS.
IN: DONOVAN, D.T. (ED.): GEOLOGY OF SHELF SEAS: 117-152. OLIVER AND BOYD: EDINBURGH.

1374 WRAY, P.
THE WHALEBOOK.
ENDANGERED SPECIES PRODUCTIONS, BOSTON, MASS. 1974.
CHAPTER 7.4.

1375 WRIGHT, W.R.
THE LIMITS OF COASTAL-WATER SOUTH OF CAPE-COD, 1941-1972: ABSTRACT.
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DEEP-SEA RES., V. 17, NO. 2, 1970: 367-371.

1377 WRIGHT, W.R.
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WOODS HOLE OCEANOGR. INST. REF. NO. 73-24.
DEEP-SEA RES., V. 19, 1972: 865-877.
CHAPTER 4.

1378 WRIGHT, W.R.
ENERGY-SOURCES FOR THE DEEP-WATERS OF THE NORTH ATLANTIC OCEAN.
PH.D. THESIS, UNIV. R.I., 1970.

1379 WRIGHT, W.R.
WORTHINGTON, L.V.
THE WATER-MASSES OF THE NORTH-ATLANTIC OCEAN: A VOLUMETRIC-CENSUS OF TEMPERATURE AND SALINITY.
SERIAL ATLAS OF THE MARINE ENVIRONMENT, AMER. GEOGR. SOC., FOLIO 19, 1970, 8 P., 7 PLS.
CHAPTER 4.

1380 WRIGHT, W.R.
DEEP-WATER-MOVEMENT IN THE WESTERN-ATLANTIC AS DETERMINED BY USE OF A BOX-MODEL.
DEEP-SEA RES., SUPPL. FUGLISTER VOLUME, TO V. 16, 1969: 433-446.

1381 WUNSCH, CARL,
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DEEP-SEA RES., V. 15, NO. 3, 1968: 251-258.

1382 WUNSCH, CARL.
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J. FLUID MECH., 35, 1969: 131-144.

1383 WUNSCH, CARL.
HENDRY, ROSS.
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GEOPHYS. FLUID DYNAMICS, V. 4, NO. 2, 1972: 101-145.

1384 WYNNE-EDWARDS, V.C.
ON THE HABITS AND DISTRIBUTION OF BIRDS ON THE NORTH ATLANTIC.
PROC. BOSTON SOC. NATUR. HIST., V. 40, 1935: 233-246.
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1385 XEROX UNIVERSITY MICROFILMS.
COMPUTER PRINT-OUT, COMPREHENSIVE DISSERTATION-QUERY-SERVICE FOR THE FOLLOWING KEYWORDS: CONTINENTAL-SLOPE, OUTER CONTINENTAL-SHELF, CONTINENTAL-RISE, CANYON, CANYONS, DEEP-OCEAN ATLANTIC, CONTINENTAL-MARGIN.
ANN ARBOR, MICHIGAN, 1974.

1386 YENTSCH, C.S.
SOME ASPECTS OF THE ENVIRONMENTAL PHYSIOLOGY OF MARINE PHYTOPLANKTON: A SECOND LOOK.
OCEANOGR. MAR. BIOL. ANNU. REV., 12, 1974: 41-75.

1387 YENTSCH, C.S.
PRIMARY-PRODUCTION.
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1388 YENTSCH, C.S.
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SEARS FOUND., J. MAR. RES., V. 24, NO. 2, 1966: 127-139.

1389 YENTSCH, C.S.
THE INFLUENCE OF GEOSTROPHY ON PRIMARY-PRODUCTION.
TETHYS, V. 6, NOS. 1-2, 1974: 111-119.
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1390 YENTSCH, C.S.
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DEEP-SEA RES., V. 12, 1965: 653-666.

1391 YENTSCH, C.S.
VACCARO, RALPH F.
PHYTOPLANKTON NITROGEN IN THE OCEANS.
LIMNOL. AND OCEANOGR., V. 3, NO. 4, 1958: 443-448.

1392 YOUNG, A.
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1393 YVES, JEAN.
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INT. COMM. NW ATL. FISH., ENVIRON. SYMP., ROME, SECT. A CONTRIB., 1964: 111-112.

1394 ZAKHAROV, O.P.
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INT. COMM. NW ATL. FISH., RES. BULL. NO. 1, DEC. 1964: 39-42.

1395 ZEIGLER, J.M.
SEAMOUNTS NEAR THE EASTERN COAST OF NORTH-AMERICA.
WOODS HOLE OCEANOGR. INST., REF. NO. 55-17, 1955.
14 P.

1396 ZELDIN, M.
AUDUBON-BLACK-PAPER #1: OIL POLLUTION.
AUDUBON, 73, 1971: 99-120.
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1398 ZENK, WALTER.
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1399 ZENKEVITCH, L.A.
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DEEP-SEA RES., V. 4, 1956: 54-64.
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1400 ZIMMERMAN, H.B.
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PH.D. THESIS, UNIV. R.I., 1971.

1401 ZIMMERMAN, H.B.
SEDIMENTS OF THE NEW-ENGLAND CONTINENTAL-RISE.
GEOL. SOC. AMER. BULL., 83: 1972: 3709-3724.

1402 ZIMMERMAN, H.B.
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