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(y) - indicates youth title
(y & a) - indicates title appropriate for both youth and adult
AQUACULTURE

Bardach, J. E., J. H. Ryther and W. O. McLarney
Aquaculture: The Farming and Husbandry of Freshwater & Marine Organisms

Berg, Carol J., Jr., ed.
Culture of Marine Invertebrates: Selected Readings

Borgese, Elizabeth Mann
Seafarm: The Story of Aquaculture

Brown, E. Evan
World Fish Farming: Cultivation and Economics
Second edition.

Creswell, R. LeRoy
Aquaculture Desk Reference

Huguenin, John E. and John Colt
Design and Operating Guide for Aquaculture Seawater Systems

Hunter, Charles J.

D83
Technical Information Division
Environmental Science Information Center
NOAA
Washington, DC 20235

Marine Aquaculture: Opportunities for Growth

McVey, James P.
Finfish Aquaculture

Menzel, Winston
Estuarine and Marine Bivalve Mollusk Culture

Nakamura, Hiroshi
Translated by Robert Wargo
Spirulina: Food for a Hungry World—A Pioneer’s Story of Aquaculture

Pillay, T.V.R.
Aquaculture and the Environment

AQUARIA

Adey, Walter H. and Karen Loveland
Dynamic Aquaria: Building Living Ecosystems
Dakin, Nick
Forward by Julian Sprung
The Macmillan Book of the Marine Aquarium: A Definitive Reference to More Than 300 Marine Fish and Invertebrate Species and How to Establish and Maintain a Reef Aquarium

Hargreaves, Vincent B.
The Tropical Marine Aquarium

Moe, Martin A., Jr.
The Marine Aquarium Handbook: Beginner to Breeder
(Covers the nature of marine water, filtration methods, lighting, selection of fish, diseases, food and feeding, and breeding.)

Quinn, John R.
Illustrations by the author. Photographs by Luci Quinn.
Our Native Fishes: The Aquarium Hobbyists' Guide to Observing, Collecting and Keeping Them

Spotte, Stephen
Captive Seawater Fishes: Science and Technology

Spotte, Stephen
Seawater Aquariums
Wiley Interscience, 1979, 413 p.
(Standard guide.)

(y) How to Set Up and Maintain a Saltwater Aquarium
Marine Information Service. Sea Grant College Program. Texas A & M University, College Station, Texas, 1981, 8 p.

ARCHAEOLOGY/ANTHROPOLOGY

(y) Archbold, Rick
Deep Sea Explorer: The Story of Robert Ballard, Discovery of The TITANIC

(y) Ballard, Robert
Exploring the BISMARCK: The Real-life Quest to find Hitler's Greatest Battleship
(Recreates the sea battle that sank the German battleship in World War II. Describes how it was found in 1989.)

(y) Ballard, Robert
Exploring the TITANIC
Scholastic, Inc., 1988, 64 p.
(Describes the luxury liner that sank in 1912 and the discovery and exploration of its underwater wreckage.)

(y) Ballard, Robert D. with Rich Archbold
(Archaeological and historical consultant, Anna Marguerite McCann)
The Lost Wreck of the ISIS
Scholastic/Madison, 1990, 63 p.
(Time Quest Book)
(A Roman shipwreck site in the Mediterranean.)
Bascom, Willard
Deep Water, Ancient Ships: The Treasure Vault of the Mediterranean
Doubleday, 1976, 226 p., illus. (Digest of world maritime history; modern deep sea archaeology.)

Beck, Horace
Folklore and the Sea

Burgess, Robert
Man 12,000 Years Under the Sea
Dodd, 1980, 448 p., illus. (Underwater archaeology.)

(y)Ford, Barbara
Underwater Dig: The Excavation of a Revolutionary War Privateer
Wm. Morrow, 1982, 154 p. (Exploration of a shipwreck in Penobscot Bay, Maine.)

(y)Gibbons, Gail
Sunken Treasure
Thomas Y. Crowell, 1988, 32 p. (Spanish ship found off Florida.)

Green, Jeremy
Maritime Archaeology: A Technical Handbook

(y)Lampton, Christopher
Undersea Archaeology
Watts, 1988, 96 p. (The use of new technology to retrieve artifacts from the ocean floor. Exploration of shipwrecks, such as VASA, MARY ROSE and TITANIC.)

(y)Lyttle, Richard B.
Waves Across the Past: Adventures in Underwater Archaeology

Marx, Robert F.
In Quest of the Great White Gods: Contact Between the Old and New World from the Dawn of History

Smith, M. Estellic, ed.
Those Who Live from the Sea: A Study in Maritime Anthropology

Spoehr, Alexander, ed.
Maritime Adaptations: Essays on Contemporary Fishing Communities

Throckmorton, Peter, ed.
The Sea Remembers: Shipwrecks and Archaeology from Homer’s Greece to the Rediscovery of the TITANIC

Magazine Articles and Issues

(y & a)Gillies, William
Preserving a common heritage: treatment of marine artifacts
Marine archaeology
*Oceanus*, vol. 28(1), Spring, 1985.

(y & a)Marx, Robert F.
In search of the perfect wreck: high tech tools open new windows to a sunken past

(y & a)Miller, Edward M.
The Monitor National Marine Sanctuary

(y & a)Ryan, Paul R.
The TITANIC revisited
(Submersible ALVIN, robotic vehicle JASON Jr. and ANGUS helped document the wreck site for posterity.)

(y & a)The TITANIC: lost and found
*Oceanus*, vol. 28(4), Winter, 1985/86.

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**CAPE COD**

Bavendam, Fred
*Beneath Cold Waters: The Marine Life of New England*

Berrick, Stephan
*Crabs of Cape Cod*
Cape Cod Museum of Natural History, 1986, 76 p. (Natural History Series no. 3.)

Finch, Robert
Drawings by Amanda Cannell.
*Common Ground, a Naturalist's Cape Cod*

Hay, John
*The Undiscovered Country*

Kingsbury, John M.
*Seaweeds of Cape Cod and the Islands*
Chatham Press, 1969, 212 p. (Detailed study of marine flora and its environment.)

Lazell, James D.
*This Broken Archipelago: Cape Cod and the Islands, Amphibians, and Reptiles*
Quadrangle, 1976, 260 p. (Cape Cod species.)

Oldale, Robert N.
*Geologic History of Cape Cod, Massachusetts*

Strahler, Arthur N.
*A Geologist's View of Cape Cod*
Parnassus Imprints, 1988, 128 p. (Published for the American Museum of Natural History.)

Zinn, Donald J.
*Marine Mollusks of Cape Cod*
Cape Cod Museum of Natural History, 1984, 80 p. (Natural History Series no. 2.)
MARINE BIOLOGY

Bulloch, David K.
Illustrated by Helen and Lou Burlingame.
The American Littoral Society
Handbook for the Marine Naturalist

Carr, Archie
So Excellent a Fishe: A Natural History of Sea Turtles
Revised edition.
Scribner's, 1984, 280 p.

Catala, Rene
Treasures of the Tropic Sea
(700 color photographs, South Pacific species.)

(y)Coldrey, Jennifer
Life in the Sea
(Sea Series)
(Ocean life at different depths, coral reefs, seashores.)

(y)Colin, Patrick L.
Marine Invertebrates and Plants of the Living Reef

(y)Doris, Ellen
Photographs by Len Rubenstein.
Marine Biology
Thames & Hudson, 1993, 64 p.
(Produced in association with The Children's School of Science, Woods Hole. Projects, field trips, how to study the plants and animals.)

Fincham, A. A.
Basic Marine Biology
(180 line and black and white illustrations.)

Gage, J.D. and P.A. Tyler
Deep-Sea Biology: A Natural History of Organisms at the Deep-Sea Floor

Halstead, Bruce W., M.D.
Dangerous Marine Animals: That Bite, Sting, Shock, are Non-edible
Second edition.

Hillson, C. J.
Seaweeds: A Color-Coded Illustrated Guide to Common Marine Plants of the East Coast of the United States
(Keystone Books)

(y)Gilbreath, Alice
The Great Barrier Reef: A Treasure in the Sea
(Ocean World Library Series)

Horsman, Paul V.
Seawatch: The Seafarer's Guide to Marine Life
Irby, Bobby N, Malcolm K. McEwen, Sheila A. Brown and Elizabeth M. Meek
*Man and the Gulf*
Gulf Research Laboratory Series
*Volume 1: Marine and Estuarine Ecology*
*Volume 2: Marine Habitats*
*Volume 3: Diversity of Marine Animals*
*Volume 4: Diversity of Marine Plants*
(Textbooks/workbooks for secondary schools, focusing on the Gulf of Mexico.)

(y)Jaspersohn, William
*A Day in the Life of a Marine Biologist*

Jumars, Peter A.
*Concepts in Biological Oceanography: An Interdisciplinary Primer*

Lalli, Carol M. and Timothy R. Parson
*Biological Oceanography: An Introduction*

Levine, Joseph S.
*Undersea Life: A Marine Biologist Explores the Fragile Universe of the Oceans*

Lippson, Alice Jane
*Life in the Chesapeake Bay*
(Guide to marine life from Cape Cod to Cape Hatteras.)

Littler, Diane Scullion
*Marine Plants of the Caribbean*

Maienschein, Jane
*One Hundred Years Exploring Life, 1888-1988, The Marine Biological Laboratory at Woods Hole*

(y)Mattson, Robert A.
*The Living Ocean*
(Living World Series)
(Interactions of marine organisms with the environment, each other and humans.)

Newell, G. E.
*Marine Plankton: A Practical Guide*
Fifth edition.

(y)Niesen, Thomas
*The Marine Biology Coloring Book*
(Beginners Book of marine biology.)

Nybakken, James W.
*Marine Biology: An Ecologist’s Approach*
Parson, T. R., K. Takahashi and B. Hargrave
Biological Oceanographic Processes
Third edition.

(y)Rinard, Judy and Catherine O’Neill
Amazing Animals of the Sea
(Books for World Explorers.)

Sammon, Rick
The Seven Underwater Wonders of the World
(Belize Barrier Reef, Lake Baikal, Red Sea, Galapágos Islands, Australia’s Great Barrier Reef, deep-ocean vents and atolls of Palau.)

(y)Sibbald, Jean H.
Homes in the Sea: From the Shore to the Deep
(Ocean World Library Series)

Snyderman, Marty
M. Tundi Agardy, consultant
Life in the Sea

Sterrer, Wolfgang, ed.
(63 contributors. Useful for the tropical West Atlantic and the Caribbean.)

(y)Tayntor, Elizabeth, Paul Erikson and Les Kaufman
Dive to the Coral Reefs

(y)Waters, John F.
Deep-Sea Vents: Living worlds without Sun
(Describes the discovery and investigation of the hot water vents in the ocean floor and the life forms found there.)

(y)Whitfield, Philip
Can the Whales Be Saved?
Questions About the Natural World and the Threats to Survival Answered by the Natural History Museum
(Brief answers to 119 questions, not all marine. “Can the sea be farmed,” “What is plankton,” etc.)

Magazine Articles and Journal Issues

Biological oceanography
(Whole issue serves as an introduction to this subject.)

Clark, Eugenie
Photographs by David Doubilet.
Hidden life of an undersea desert
National Geographic, pp. 128-144, July, 1983.
Earle, Sylvia A.  
Sharks, squids, and horseshoe crabs—the significance of marine biodiversity  

(y & a)Shanks, Judith A.  
A Cayman Island field trip underwater with the renowned “shark lady”  
(Marine biologist Eugenie Clark.)

Sisson, Robert F.  
*Tide pools: windows between land and sea*  

Van Dover, Cindy Lee  
*Depths of ignorance*  
(Deep-sea exploration challenges notion of azoic zone.)

BIRDSS

Alexander, Wilfrid B.  
*Birds of the Ocean: Containing Descriptions of All the Seabirds of the World, with Notes on their Habits and Guides to their Identification*  

Bildstein, Keith L.  
*White Ibis: Wetlands Wanderer*  
(Ecology and breeding biology of this bird in the coastal marshes of South Carolina.)

(y & a)Brown, Joseph E.  
Photographs by Dan Guravich.  
*The Return of the Brown Pelican*  
(y) Friedman, Judy
**Puffins, Come Back!**
(Research project of Audubon Society to re-establish colonies of this endangered species in the U.S.)

Haley, Delphine, ed.
**Seabirds of Eastern North Pacific and Arctic Waters**

Hancock, James
**Birds of the Wetlands**

(y & a) Harrison, Peter
Foreword by Roger Tory Peterson.
**Seabirds: An Identification Guide**
(Sponsored by the American Birding Association.)

Johnsgard, Paul A.
**Cormorants, Darters and Pelicans of the World**
(Comprehensive information. Illustrated with drawings, maps, identification aids.)

(y) Johnson, Sylvia A.
Photographs by Frans Lanting.
**Albatrosses of Midway Island**
(Life cycle and behavior of Laysan albatrosses of the North Pacific Ocean.)

(y & a) Lockley, Ronald
Photographs by Eric Hosking.
**Seabirds of the World**
(Emphasis on photographs, life history, behavior.)

Love, John A.
**The Return of the Sea Eagle**

(y) Matthews, Downs
Photographs by Dan Guravich.
**Skimmers**
(Biology, feeding and nesting behavior of the most abundant coastal bird.)

(y) O'Connor, Karen
**The Herring Gull**
Remarkable Animals Book
(Describes physical characteristics, life cycle and migration patterns.)

(y) Patent, Dorothy H.
Photographs by Graham Robertson.
**Looking at Penguins**
(Description of the different types, their habitats and behavior.)

Richards, Alan J.
**Shorebirds: A Complete Guide to Their Behavior and Migration**

(y) Soper, Tony
Illustrated by Michael Loates.
**Oceans of Birds**
Sterling (NY), 1989, 208 p.
(Sea birds of the major seas and oceans.)
Hoese, H. Dickson, R.H. Moore and W.L. Moody, Jr.
Illustrated by Dinah Bowman.
Fishes of the Gulf of Mexico: Texas, Louisiana & Adjacent Waters

Lythgoe, John and Gillian Lythgoe
Fishes of the Sea: The North Atlantic and Mediterranean

Manooch, Charles S., III
Illustrated by Duane Raver, Jr.
Fisherman’s Guide to Fishes of the Southeastern United States
North Carolina State Museum of Natural History, (Raleigh, N.C.),

Migdalski, Edward C. and
George S. Fichter
Illustrated by Norman Weaver.
The Fresh & Salt Water Fishes of the World
Distributed by Crown. (Reprint of 1976 edition.)

Moyle, Peter B.
Illustrated by Chris Mari van Dyck.
Fish: An Enthusiast’s Guide
(Biology, ecology of freshwater and marine fishes. Section on conservation. Very readable style.)

Nelson, Joseph S.
Fishes of the World
Third edition.
Paxton, John R. and William N. Eschmeyer, eds.
Illustrations by David Kirshner
Encyclopedia of Fishes

Quinn, John R.
Illustrations by the author.
Photographs by Luci Quinn.
Our Native Fishes: The Aquarium Hobbyists’ Guide to Observing, Collecting and Keeping Them

Randall, John E.
Caribbean Reef Fishes
Revised edition.

Randall, John E., G.R. Allen and R.C. Steene
Fishes of the Great Barrier Reef and Coral Sea

Robins, C. Richard and G. Carleton Ray
Illustrated by John Douglas and Rudolf Freund
A Field Guide to Atlantic Coast Fishes of America
(Peterson Field Guide Series)

Robins, C.R.
Common Scientific Names of Fishes from the United States & Canada
Fifth edition.
(Special Publication No. 20.)

Sale, Peter F., ed.
The Ecology of Fishes on Coral Reefs

Thresher, R. E.
Reproduction in Reef Fishes

(y)Armour, Richard
Strange Monsters of the Sea
(Rhymes describing diet, habitat, and prey for 14 fish and invertebrates; includes venomous reef fish, barracuda.)

(y)Brown, Anne Ensign
Wonders of the Sea Horses
Dodd, Mead, 1979, 64 p.
(Description, behavior, life cycle. How to keep as pets.)

(y)Casey, Horton
Fish
(Insight Series)
(Description, behavior, natural environment of a variety of salt and freshwater fish.)

(y)Grant, Leonard
Wondrous World of Fishes
(Fishes of North America.)

(y)New England Aquarium
Do Fishes Get Thirsty?
(Questions and answers. Photographs, diagrams, glossary, bibliography.)
Ricciuti, Edward R. 
Illustrated by William Simpson. 
Fish 
(Our Living World Series) 
(Biology, evolution and 
classification of fishes.)

Segaloff, Nat and Paul Erickson 
Illustrated by Bob Barner. 
Fish Tales 
Sterling (NY), 1990, 32 p. 
(Produced by the New England 
Aquarium. Mating behavior, 
protective devices and feeding 
methods.)

Wheeler, Alwyne 
Discovering Saltwater Fish 
(Discovering Nature Book) 
Bookwright, 1988, 47 p. 
(Biology and ecology. Fish as a 
food resource.)

Magazine Articles 
and Issues

Pendick, Daniel 
How fish swim: study solves 
muscle mystery 
Science News, vol. 144, p. 39, 
July 17, 1993.

SHARKS

Budker, Paul 
Life of Sharks 
Translated by Peter Whitehead. 
Columbia University Press, 1971, 
222 p.

Caliero, Gaetano and M. Jahoda 
Sharks, Myth and Reality 
Thomasson-Grant, 1994, 144 p.

Castro, Josi I. 
Drawings by D. Bryan Stone III 
The Sharks of North 
American Waters 
Texas A & M University Press, 
(108 species of sharks.)

Dingerkus, Guido 
Illustrated by Dietrich Burkel. 
The Shark Watcher's Guide 
Julian Messner, 1985, 144 p. 
(Preface by Eugenie Clark. 
Author is Field Associate, 
American Museum of Natural 
History. Describes sharks of North 
America.)

Ellis, Richard 
The Book of Sharks: A Complete 
Illustrated Natural History of the 
Sharks of the World 
Harcourt, Brace, Jovanovich, 1 
983, 256 p. 
(20 color plates. Chapter on 
"Shark People," scientists who 
study sharks.)

Ellis, Richard and 
John E. McCosker 
Photographs by Al Giddings and 
others. 
Great White Shark 
Harper Collins in collaboration 
with Stanford University Press, 
(Anatomy, physiology, reproduction 
of this endangered fish.)
Gruber, Samuel H.  
**Discovering Sharks**  

Last, P.R. and J.D. Stevens  
Color illustrations by R. Swainston  
Line illustrations by G. Davis  
**Sharks and Rays of Australia**  
CSIRO Australia, 1994, 513 p.

Lawrence, R.D.  
Illustrated by Gary Low.  
**Shark! Nature’s Masterpiece**  

(y & a)Lincauwecaw, Thomas H., III and Richard Backus  
**The Natural History of Sharks**  

Moss, Sanford A.  
**Sharks: An Introduction for the Amateur Naturalist**  

(y & a)Springer, V.G. and J.P. Gold  
**Sharks in Question: The Smithsonian Answer Book**  
(Based on the most commonly asked questions.)

Stafford-Deitsch, Jeremy  
**Shark, a Photographer’s Story**  

Steel, Rodney  
**Sharks of the World**  
(Life, history, behavior; emphasis on shark attacks.)

(y)Buntag, Eve  
**Sea World Book of Sharks**  
(Sea World Press Series)  

(y)Coupe, Sheena and Robert Coupe  
**Sharks**  
(Physiology, sensory abilities, evolution, habitat and behavior; glossary, index.)

(y)Greenberg, Idaz and Jerry Greenberg  
**Sharks and Other Dangerous Sea Creatures**  

(y)MacQuitty, Miranda  
Photographs by Frank Greenaway and Dave King.  
**Sharks**  
(Describes behavior and life cycles of several types of sharks, plus skates and rays.)

*Magazine Articles and Issues*

(y & a)Sharks  

(y)Clark, Eugenie  
**Sharks, magnificent and misunderstood**  
(y) Tennesen, Michael
The myth of the monster
October/November, 1989.

(y) Great white shark behavior study
SeaFrontiers, vol. 33, pp. 146-148,
March/April, 1987.

INVERTEBRATES

Buchbaum, Ralph, Mildred
Buchbaum, John Pearse and
Vicki Pearse
Animals Without Backbones: An
Introduction to the Invertebrates
Third edition.
572 p.

(y) Coulombe, Deborah A.
The Seaside Naturalist: A Guide
to Nature Study at the Seashore

(y) Day, Nancy
The Horseshoe Crab
(Remarkable Animals Series)
(Life history, distribution, use by
humans and importance in medical
research.)

(y) Doris, Ellen
Photographs by Len Rubenstein.
Invertebrate Zoology
Thames & Hudson, 1993, 64 p.
(Produced in association with the
Children’s School of Science,
Woods Hole. Collection of
experiments, investigations and
discoveries.)

George, David and Jennifer George
Marine Life: An Illustrated
Encyclopedia of Invertebrates
of the Sea

Gosner, Kenneth L.
Guide to Identification of
Marine and Estuarine
Invertebrates: From Cape
Hatteras to the Bay of Fundy

Greenberg, Ida and Jerry Greenberg
Sharks and Other Dangerous
Sea Creatures
(Includes toxic invertebrates-corals,
sponges, polychaetes, sea urchins.)

(a & y) Hedeon, Robert A.
The Oyster: The Life and Lore
of the Celebrated Bivalve

(y) Johnson, Sylvia A.
Illustrated by Atsushi Sakurai.
Crabs
(Lerner Natural Science Books)

Levine, Joseph S.
Photographs by Jeffrey L. Rotman.
The Coral Reef at Night

(y) Johnson, Sylvia
Photographs by Kazunari
Kawashima.
Hermit Crabs
(Lerner Natural Science Books)
Meinkoth, N. A.
Audubon Society Field Guide to North American Seashore Creatures

(y) Monroe, Alexander
Barnicle and His Friends: A Children's Guide to the Seashore
Sixth edition.

(y) Nichols, David and John Cooke
Illustrated by Derek Whiteley.
The Oxford Book of Invertebrates: Protozoa, Sponges, Coelenterates, Worms, Mollusks, Echinoderms, and Arthropods
(Other than Insects)

Pearse, Vicki, John Pearse, Mildred Buchsbaum and Ralph Buchsbaum
Living Invertebrates
(Comprehensive coverage of the diverse groups. Well illustrated.)

Ruppert, Edward E.
Seashore Animals of the Southeast: A Guide to the Common Shallow-Water Invertebrates of the Southeastern Atlantic Coast

Sefton, Nancy
A Field Guide to Caribbean Reef Invertebrates
(Special publication of the Monterey Bay Aquarium Foundation.)

(y) Sibbald, Jean
Sea Creatures on the Move
(Ocean World Library.)

(y) Taylor, Herb
The Lobster: Its Life Cycle
Revised edition.

Walls, Jerry G
Encyclopedia of Marine Invertebrates
(Identification manual.)

Magazine Articles and Issues

(y & a) Banded octopus: uncommon mimic
SeaFrontiers, vol. 35, p. 375,

(y) Fisher, Arthur
Nightlife on the reef
Popular Science, vol. 243, p. 13,
December, 1993.

(y & a) Fitzgerald, Lisa M.
Looking invertebrate
(Photographs of marine animals.)
Lutz, Richard A.
The biology of deep-sea vents and seeps

(y & a) Stroh, Michael
*In the lab, it's octopus see, octopus do*

(y & a) Winston, Judith E.
*Intertidal space wars*

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**SHELLS AND CORALS**

Abbott, R. Tucker and S. Peter Dance

(y) Abbott, R. Tucker and Herbert S. Zim
(Includes bibliography of works primarily suited for schools.)

(y) Abbott, R. Tucker and Herbert S. Zim, eds.

(y & a) Abbott, R. Tucker

Abbott, R. Tucker
*Seashells of the Northern Hemisphere*

(y) Coral Reef Teacher's Kit

Dance, S. Peter

(y) Oliver, A. P. H.

Rehder, H. A.

Romashko, Sandra D.
Smith, F.G. Walton
Atlantic Reef Corals: A
Handbook of the Common Reef
& Shallow-Water Corals of
Bermuda, the Bahamas, Florida,
the West Indies & Brazil
Revised edition.
University of Miami Press, 1971,
164 p.

(y)Taylor, Barbara
Photographs by Jane Burton.
Coral Reef: A Close-up
Look at the Natural World
of a Coral Reef
(Look Closer Series)
(Primarily pictorial with brief
accurate text.)

Vermeij, Geerat J.
A Natural History of Shells
Princeton University Press, 1993,
240 p.

(y & a)Wood, Elizabeth M.
Corals of the World

Wye, Kenneth
Encyclopedia of Shells

(y)Ocean low life
Photographs by W. Gregory Brown.
52-59, March/April, 1993.

Szmant, Alina M. and
Nancy J. Gassman
Caribbean reef corals: the
evolution of reproductive
strategies

MARINE ECOLOGY

Barnes, R. S. K. and R. N. Hughes
Introduction to Marine Ecology

Bulloch, David K.
The Underwater Naturalist: A
Layman’s Guide to the Vibrant
World Beneath the Sun
(American Littoral Society book.)
(Emphasizes marine ecology.)

(y)Ecology
(Illustrated from A Child’s First
Library of Learning Series.)

Environmental Issues
in the 1990’s
J. Wiley & Sons, Chichester, NY,
(Technical publication covering
human ecology, environmental
protection, economic development,
and environmental aspects.
Includes bibliographical references
and index.)
Norse, Elliott A.
Illustrations by Jill Perry Townsend
Global Marine Biological Diversity: A Strategy for Building Conservation into Decision Making

The Random House Atlas of the Oceans
(Produced in association with the World Conservation Union.)

The Science of Global Change: The Impact of Human Activities on the Environment
(Technical publication developed from a symposium sponsored by the Division of Environmental Chemistry of the American Chemical Society. Includes bibliographical references and indexes.)

Undersea Adventure
Knowledge Adventure, 1993.
(Computer laser optical disk. Featuring the Random House atlas of the oceans with introduction by Jacques Cousteau. Experience how undersea animals live, what they eat, how fast they swim, and more.)

Walker, Jane
Illustrated by Mike Saunders.
(Presents a clear and compelling case for taking action to stop the destruction of natural habitats. An effective "Fact File" and glossary. Appropriate for classroom use in an introductory science class or as a general study to encourage environmental awareness.)

MARINE MAMMALS

Arseniev, V.A.
Edited by V.A. Zemsky.
Paintings by N.N. Kondakov.
Atlas of Marine Mammals
(Expanded to worldwide coverage from Russian language edition. Well illustrated.)

Audubon Society
Audubon Society Field Guide to North American Fishes, Whales, and Dolphins

(y)Banks, Martin
Polar Bear on the Ice
(Animal Habitat Series)
(Distribution, behavior and adaptation to cold and ice. Glossary.)

Bel’kovich, V.M. and M.N. Sh’ekotov (Translated by Marina A. Svanidze)
Edited by J. Christopher Haney and Cheri Recchia.
The Belukha Whale: Natural Behavior and Bioacoustics
(White whale or Beluga. Available from Office of the Research Librarian. $22.)
(y)Bonner, W. Nigel
The Natural History of Seals
(Feeding and diving; reproduction and growth; social organization; interactions with humans.)

(y)Bonner, Nigil
Whales of the World
(Behavior.)

Bulloch, David K.
Illustrations by Lou Burlingame
The Whalewatcher's Handbook:
A Guide to the Whales, Dolphins, and Porpoises of North America

Burton, Robert
Life and Death of Whales

Carwardine, Mark
Whales, Dolphins, and Porpoises

(y)Clark, Margaret Goff
The Vanishing Manatee
Cobblehill (E. P. Dutton, NY), 1990, 64 p.
(Description of this endangered species in its habitat in Florida.)

(y & a)Corrigan, Patricia
foreword by Roger Payne.
Illustrated by David Peters.
Where the Whales Are. Your Guide to Whale Watching Trips in North America

(y)Cossi, Olga
Harp Seals
(Nature Watch Book)
(Life history, social behavior, migration. Glossary.)

(y)Crow, Sandra Lee
Wonderful World of Seals and Whales
(Book for Young Explorers)
National Geographic Society, 1984, 32 p.

(y)Dobbs, Horace
The Magic of Dolphins
Sheridan House (Dobbs Ferry, NY), 1990, 88 p.
(Evolution, lives and intelligence. Relationship with man.)

(y)Dow, Lesley
Whales
(Physical characteristics, behavior and natural environment of the largest 15 whale species.)

Ellis, Richard
The Book of Whales

Ellis, Richard
Dolphins and Porpoises

Ellis, Richard
Men and Whales
(History of whaling.)
Evans, Phyllis Roberts
*The Sea World Book of Seals and Sea Lions*

Geraci, Joseph R.
*Marine Mammals Ashore: A Field Guide for Strandings*
Texas A & M Sea Grant publication, 1993, 305 p.

Hoke, Helen and Valerie Pitt
*Whales*
Revised edition.
(How whales navigate, converse, migration routes.)

Hoyt, Erich
*The Whale Watcher’s Handbook*

Johnson, Sylvia A.
Photographs by Frans Lanting.
*Elephant Seals*
(Natural History, conservation efforts and ongoing research. Glossary, index.)

Jones, Mary Lou, Steven L. Swartz and Stephen Leatherwood, eds.
*The Gray Whale: Eschrichtius robustus*

Katona, Steve, David T. Richardson and Valerie Rough
*Field Guide to the Whales, Porpoises, & Seals of the Gulf of Maine & Eastern Canada: Cape Cod to Labrador*

Katona, Steven K., Valerie Rough and David Richardson
*A Field Guide to Whales, Porpoises and Seals from Cape Cod to Newfoundland*
Fourth edition.
(Identification aid. Includes biology, behavior and distribution.)

King, J. E.
*Seals of the World*
Second edition.

Leatherwood, Stephen
*Whales, Dolphins & Porpoises of the Eastern North Pacific & Adjacent Arctic Waters: A Guide to Their Identification*
(Reprint of 1982 edition.)

Leatherwood, Stephen and Randall R. Reeves
*The Sierra Club Handbook of Whales and Dolphins*
(y) Mallory, Kenneth and Andrea Conley
*Rescue of the Stranded Whales*
(Rescue and release of three pilot whales beached on Cape Cod shores.)

Matthews, L. Harrison
*Natural History of the Whale*

(y) McClung, Robert M.
Illustrated by Bob Hines.
*Thor: Last of the Sperm Whales*
Linnet, 1988, 64 p.
(Details of the life of one sperm whale from birth to adulthood. History of whaling.)

Minasian, Stanley M., Kenneth C. Balcomb III and Larry Foster
*The World’s Whales: The Complete Illustrated Guide*
Smithsonian Books (distributed by W. W. Norton), 1984, 224 p.

(y) Patent, Dorothy Hinshaw
*Whales: Giants of the Deep*

Pryor, Karen
*Lads Before the Wind: Diary of a Dolphin Trainer*
(Reprint of 1966 edition.)

Pryor, Karen and Kenneth S. Norris
*Dolphin Societies: Discoveries and Puzzles*

Reeves, Randall R., Steven Leatherwood and Brent Stewart
Illustrations by Pieter A. Folkens
*The Sierra Club Handbook of Seals and Sireniens*

Ridgeway, Sam H. and Richard Harrison, eds.
*Handbook of Marine Mammals*
*Volume 3: The Sireniens and Baleen Whales.*

Sylvestre, Jean-Pierre
*Dolphins & Porpoises: A Worldwide Guide*
(Field identification guide. Describes 43 species in detail.)

Taylor, Sherryl, ed.
*The World’s Whales: A Closer Look. Selected Papers from the American Cetacean Society Third Biennial Conference and Symposium*

(y & a) Watson, Lyall
*Sea Guide to Whales of the World*
(Complete guide to the world’s living whales, dolphins and porpoises.)
(y) Whitehead, Hal
Voyage to the Whales
(Sperm whales. Personal account of a three year investigation in the Indian Ocean.)

Winn, Lois K. and Howard E. Winn
Wings in the Sea:
The Humpback Whale

Magazine Articles
and Issues

Marine mammals

Senses of the sea
Oceanus, vol. 23(3), Fall, 1980.

(y & a) Whither the whales?

(y) Devine, Bob
Searching for sea pandas

(y) Harding, Caroline
Going to extremes (the mystery of diving animals)

(y) Lipske, Michael
A whale of a story
(Current threats to North America’s whales, whale behavior and protection of whales.)

(y) Tyack, Peter
If you need me, whistle.
Natural History, pp. 60-61, August, 1991. (Vocalizations of wild dolphins.)

(y) Weilgart, Linda S. and Hal Whitehead
Moby’s click
Natural History, pp. 64-67, March, 1991. (Sounds of sperm whale.)

(y) Whales of the world

MARINE MODELS IN BIOMEDICAL RESEARCH

Fautin, Daphne G.
Biomedical Importance of Marine Organisms
California Academy of Sciences, 1988, 159 p.

Magazine Articles
and Issues

Anderson, Judith Masslo
Anatomy of a marine model: biomedical breakthroughs from the dogfish shark

Anderson, Judith Masslo
Biomedical bounty of the sea

Flam, Faye
Chemical prospectors scour the seas for promising drugs
Jones, Arthur
The pharma-sea

Kornhiser, Laurel
Sea creatures: The lifeblood of research at the new Marine Resources Center in Woods Hole

Langone, John
Drugs from the sea

Leigh, Julia Hood
The slug and the damselfish

Livermore, Beth
Fishing for cures

Marine models in biomedical research

Marine models in biomedical research
(The Collecting Net is available from the Marine Biological Laboratory.)

McCourt, Richard
Model patients

Raeburn, Paul
Can dogfish cure diabetes?

Raymond, Chris Anne
“Scientists’ summer camp” turns to sea for answers to human biologic questions

Raymond, Chris Anne
“Ticking, tracking, trucking” sum up projects at Woods Hole Marine Biological Laboratory

OCEANOGRAHY

Aubrey, David G. and Kenneth O. Emery
Sea Levels, Land Levels, and Tide Gauges

Backus, Richard H., editor-in-chief
Georges Bank

Ballard, Robert
Exploring our Living Planet

Benchley, Peter
Judith Gradwohl, ed.
Ocean Planet

23
Borgese, Elizabeth Mann
Ocean Frontiers: Explorations by Oceanographers on Five Continents
(Describes history and current programs of 12 oceanographic institutions.)

(y) Bramwell, Martyn
The Oceans
(Earth Science Library)
(Physical features; marine life; tides and currents; harvesting the seas.)

(y) Bramwell, Martyn
The Simon & Schuster Young Readers’ Book of Planet Earth
(Includes plate tectonics, ocean basins and currents, waves and tides, ocean resources, greenhouse effect.)

Brower, Kenneth
Realms of the Sea
National Geographic Society, 1992, 274 p. (Many color photographs. Nontechnical descriptions.)

Carson, Rachel L.
The Sea Around Us
Introduction by Ann H. Zwinger; afterword by Jeffrey S. Levinton

Crago, Tracey I., Lee Anne Campbell, and Sheri DeRosa, eds.
Illustrated by E. Paul Oberlander.
All About Oceanography: A Fun-Filled Activity Book

(Features factual information and illustrations depicting the various disciplines of oceanography. Highlights research conducted at the Institution and also includes interesting oceanography trivia, crossword and word search puzzles and a comprehensive glossary. Useful for any age, the book can be used as a coloring book, a reference book, or both. $1 each; quantity and educator discounts available.)

(y) Center for Marine Conservation
The Ocean Book: Aquarium and Seaside Activities and Ideas for All Ages
(Experiments, puzzles, games, etc.)

(y) Clair, Carvel
Illustrated by Harry McNaught.
Exploring the Sea: Oceanography Today
(Library of Knowledge.)

(y) Conley, Andrea
Window on the Deep: The Adventures of Underwater Explorer Sylvia Earle
(A New England Aquarium Book)
(Dr. Earle set many of the current diving records.)

Earle, Sylvia and Al Giddings
Exploring the Deep Frontier: The Adventure of Man in the Sea
National Geographic Society, 1980, 296 p.
(y)Ganeri, Anita
The Oceans Atlas

Griffis, Nixon, ed.
The Mariner's Guide to
Oceanography
Sponsored by the New York
Aquarium
(18 scientists write about life in the
ocean. Also chapters on coastal
geology; waves, tides
and currents; weather.)

Gross, M. Grant
Oceanography:
A View of the Earth
Sixth edition.
(Basic college text, includes
glossary of terms.)

(y)Groves, Donald
The Oceans: A Book of
Questions and Answers

Hendrickson, Robert
The Ocean Almanac
Hutchinson Reference, 1982,
446 p.

Ketchum, Bostwick, ed.
Estuaries and Enclosed Seas
Elsevier (Ecosystems of the World
26), 1985, 550 p.

MacInnis, Joseph, ed.
Saving the Oceans

Martini, Frederic
Exploring Tropical Isles and
Seas: An Introduction for the
Traveler and Amateur Naturalist

(y)Myerson, A. Lee
Seawater: A Delicate Balance
(Earth Processes Book)
Enslow (Hillsdale, N.J.), 1988,
64 p.
(Chemical nature of seawater. The
role of the oceans in regulating
global environmental quality.
Glossary, index.)

(y)Myles, Douglas
The Great Waves
(Explains how and why tsunamis
occur.)

(y)Pagett, Richard
Undersea World
(Fact Finder Series)

Parker, Henry S.
Exploring the Oceans: An
Introduction for the Traveler
and Amateur Naturalist
(Marine geology, chemistry, oceans
and climate, currents, waves and
tides. Life in the sea.)

(y)Reef, Catherine
Illustrated by Larry Raymond.
Jacques Cousteau:
Champion of the Sea
(Earth Keepers Series)
Twenty-first Century Books,
1992, 72 p.
(Biographic information about this
well-known oceans advocate.)
Rogers, Daniel
Waves, Tides and Currents
(Sea Series) Bookwright Press
(Wave origins, wave power. Tidal
systems. Wind driven surface
currents. Maps, photographs,
diagrams, glossary.)

Ross, David A.
Introduction to Oceanography
Fifth edition.
(Basic college text. Includes
glossary.)

Souza, D.M.
Powerful Books
(Nature in Action.)
(Describes wind waves, tidal
waves, tsunamis.)

Talbot, Frank H. and Robert E.
Stevenson
Illustrations by Mike Gorman
Oceans and Islands

Thorne-Miller, Boyce
Foreword by Sylvia Earle.
Ocean: Photographs from the
World's Greatest Underwater
Photographers

Thurman, Harold V.
Introductory Oceanography
Seventh edition.
Macmillan Publishing Co., 1994,
550 p.
(Special section in each chapter
highlights new discoveries.)

Tyler, Diane M. and
James C. Tyler
Illustrated by Helen I. Driggs.
Oceans: A Fact-filled
Coloring Book
Running Press (Philadelphia, PA),
1990, 125 p.
(About 60 text pages. One
illustration of ALVIN at the thermal
vents.)

Van Andel, Tjeerd
Science at Sea:
Tales of an Old Ocean

Van Dorn, William G.
Oceanography and Seamanship
Second edition.

Wallace, Joseph
The Deep Sea
Gallery Books (W.H. Smith
(Earth's last great mystery;
journeys to a pitch black world;
midwater: Earth's richest
environment; life without light;
ARGO, JASON and other robot subs;
treasure hunts; ocean drilling and
El Niño; food from the sea;
tomorrow's ocean; research
institutions and programs. Chapter
"Life without light" discusses
ALVIN dives to Galapagos and other
thermal vent areas. Other chapters
cover research at WHOI. Well
illustrated with color photographs.)
(y) Waters, Barbara S.
Illustrated by Jill Eldredge.
"Over the Wedge" Poster
WHOI Sea Grant publication
Black and white poster (11" x 14")
features a wonderful etching of a
"wedge," the area where fresh and
salt water meet; on the back, a story
"A Journey Through the Wedge"
describes the unique, thriving
environment of the wedge and lists
the various plants and animals that
inhabit it. Available from WHOI
Sea Grant Program, CRL 209,
Woods Hole, MA, 02543.

(y) Wells, Susan
The Illustrated World of Oceans

Whipple, A. B.
Restless Oceans

The Sea, Ideas and
Observations on Progress in the
Study of the Seas
Vol. 1-9
Wiley Interscience, 1970.

Magazine Articles
and Issues

The Arctic Ocean
Oceanus, vol. 29(1), Spring, 1986.

Ellis, Richard
Australia's southern seas
Photographs by David Doubilet.
National Geographic, vol. 171(3),

Marine protected areas
(Marine sanctuaries, ecological
reserves—biology, technology,
management and education.)

Update: the oceans & global
warming
(Carbon dioxide and the
greenhouse effect; the link
between sea and air; the effects of
rising sea level.)

(y & a) Alper, J.
A wave is born
SeaFrontiers, vol. 39(1), pp. 22-27,
1993.

(y & a) Broecker, Wallace
The biggest chill: when ocean
currents shifted, Europe
suddenly got cold
Natural History, vol. 96,

(y & a) Fitzgerald, Lisa M.
Seven underwater wonders of
the world: twenty-five ocean
experts pick the earth's most
fabulous deep-sea environments.
SeaFrontiers, vol. 36, pp. 8-21,
December, 1990.
(Great Barrier Reef, Belize, Belair,
the Galapágos, the Red Sea, Lake
Baikal and deep-sea vents.)

(y & a) Rosendahl, Bruce R.
Becoming an oceanographer
SeaFrontiers, vol. 36, pp. 3,
May/Junec, 1990.


CHEMICAL OCEANOGRAPHY

Church, Thomas M., ed. Marine Chemistry in the Coastal Environment American Chemical Society, 1975, 710 p.


Magazine Articles and Issues


HISTORY OF OCEAN SCIENCES


Behrman, Daniel with John D. Isaacs John Isaacs and His Oceans American Geophysical Union, 1992, 210 p. (Biography of colorful oceanographer and his ideas.)
Brosse, Jacques
Translated by Stanley Hochman.
Great Voyages of Discovery: Circumnavigators and Scientists, 1764-1843

(y) Daugherty, Charles Michael
Searchers of the Sea: Pioneers in Oceanography

Deacon, George
The Antarctic Circumpolar Ocean
(Illustrated. From the Studies in Polar Research Series. Sealers, nineteenth and twentieth century whaling, ice, waves, currents, and tides of the region are included. Also information on ecology and resources.)

Deacon, Margaret B.
Oceanography: Concepts and History

(y) Gaines, Ann
Alexander von Humboldt: Colossus of Exploration
(World Explorer Series)

Glen, William
The Road to Jaramillo: Critical Years of the Revolution in Earth Science
(History of plate tectonics theory.)

Gordon, Bernard L., ed.
Foreword by Paul Fye.
Man and the Sea: Classic Accounts of Marine Explorations Revised edition.
Published for American Museum of Natural History.

Johnson, Donald S.
Charting the Sea of Darkness: The Four Voyages of Henry Hudson

Matkin, Joseph
At Sea with the Scientists: The CHALLENGER Letters of Joseph Matkin

McConnell, Anita
No Sea Too Deep: The History of Oceanographic Instruments

Putnam, Robert
Early Sea Charts

Rice, A. L., ed.
(History of the expedition and an assessment of its impact. Includes a first-hand account by the Chief Scientist.)
Schlee, Susan
On Almost Any Wind—The Saga of the Oceanographic Research Vessel ATLANTIS

Schlee, Susan
The Edge of an Unfamiliar World: A History of Oceanography

Sears, Mary and D. Merriman, eds.
Oceanography: The Past
(Proceedings of the Third International Congress on the History of Oceanography, 1980, held in Woods Hole, MA, on the occasion of the 50th anniversary of the Woods Hole Oceanographic Institution.)

(y)Stefoff, Rebecca
Ferdinand Magellan and the Discovery of the World Ocean
Chelsea House (NY), 1990, 128 p.
(World Explorer Series)
(Biography of the first man to circumnavigate the globe.)

Stommel, Henry
Lost Islands. The Story of Islands That Have Vanished from Nautical Charts
University of British Columbia Press, 1984, 146 p.

Stommel, Henry and Elizabeth Stommel
Volcano Weather. The Story of 1816, the Year Without a Summer

Viola, Herman J. and Carolyn Margolis, eds.
Magnificent Voyagers: The U.S. Exploring Expedition, 1838-1842
Smithsonian Institution Press, 1985, 303 p.
(“Wilkes or South Seas Expedition.” Color and black & white illustrations. Maps. Charts.)

(y)Williams, Frances Leigh
Ocean Pathfinder: A Biography of Matthew Fontaine Maury

MARINE GEOLOGY/GEOPHYSICS

(y)Aylesworth, Thomas G.
Moving Continents: Our Changing Earth
(Earth Processes Book)
Enslow (Hillsdale, N.J.), 1990, 64 p. (Continental drift theory. Glossary, index.)

Ballard, Robert D.
Photographic Atlas of the Mid-Atlantic Ridge Rift Valley

Cone, Joseph
Fire Under the Sea
(Exploration of hot springs off the coast of Oregon. Describes a dive in ALVIN.)

Cox, Allan and Robert Brian Hart
Plate Tectonics: How It Works
Emery, K. O. and Elazar Uchupi
The Geology of
the Atlantic Ocean
Springer-Verlag, 1984, 1050 p.
(One volume text plus set of maps.)

Griscom, Sara B.
Marine Geology: Research
Beneath the Sea
U.S. Geological Survey, 1993,
17 p. (Pamphlet describing work of
the U.S.G.S.)

Harms, Valerie
The National Audubon Society
Almanac of the Environment:
The Ecology of Everyday Life
Putnam's Sons, 1994, 290 p.

Heczen, Bruce C. and Charles D.
Hollister
The Face of the Deep
Oxford University Press, 1971,
659 p.

Hsu, Kenneth J.
CHALLENGER at Sea—
A Ship that Revolutionized
Earth Science
Princeton University Press, 1992,
417 p. (GLOMAR CHALLENGER and
the Deep Sea Drilling Project.)

Hsu, Kenneth J.
The Mediterranean Was a
Desert: A Voyage of the GLOMAR
CHALLENGER

(y) Kohler, Pierre
Translated by Albert V. Carozzi and
Marguerite Carozzi
Volcanoes and Earthquakes
(Focus on Science Book)

Barron's, 1987, 80 p.
(Interrelationships among the
earth's structure, plate tectonics,
seafloor spreading, earthquakes and
volcanoes.)

(y) Lye, Keith
The Ocean Floor
(Sea Series)
(Underwater mountains, trenches,
volcanic island arcs, sediments,
mineral resources.)

Menard, H.W.
The Ocean of Truth: A Personal
History of Global Tectonics
Princeton University Press, 1986,
353 p. (Controversies from 1900-
1968 written by an active
participant in the development of
the theory.)

(y) Miller, Russell
Continents in Collision
(Planet Earth Series)

(y) Murrow, Liza K.
Susan Humphris, Geologist
(Women Scientists Series)
Teachers' Laboratory
(Brattleboro, VT), 1989, 58 p.
(Biography of marine geologist.
Includes diving in ALVIN, sailing on
WESTWARD.)

Nairn, Alan E. M.
The Ocean Basins and Margins
Volume 1: The South Atlantic,
Volume 2: The North Atlantic,


Plenum Press.

(y)Nixon, Herschell H. and Joan Lowery Nixon
Land Under the Sea
(The tools of the oceanographers. Plate tectonics, underwater volcanism, ocean floor spreading, mineral formation.)

Rudwick, Martin J. S.
The Meaning of Fossils: Episodes in the History of Paleontology
Second edition.

Seibold, Eugene and W.H. Berger
The Sea Floor: An Introduction to Marine Geology
Second revised edition.

Van Andel, Tjeerd H.
New Views of an Old Planet: Continental Drift and the History of Earth

Magazine Articles and Issues
(y & a)Borg, James C.
Birth of an island: ALVIN explores the caldera of Loihi, an active undersea volcano that could become the next Hawaiian island

Broad, William J.
A voyage into the abyss: gloom, gold and godzilla
(Submersible ALVIN visits a new volcanic eruption on the ocean floor.)

Marine geology & geophysics

Mid-ocean ridges
(The sea floor and its spreading processes.)

25 years of ocean drilling
Oceanus, vol. 36(4), Winter, 1993/94.
(History of ocean drilling; paleoceanography; lithosphere; tectonics; sea level; technology.)
York, Derek
*The earliest history of the earth*  

**METEOROLOGY**

Barry, Roger G. and Richard J. Chorley  
*Atmosphere, Weather and Climate*  

Bernarde, Melvin A.  
*Global Warning—Global Warming*  

Blanchard, Duncan C.  
*From Raindrops to Volcanoes: Adventures with Sea Surface Meteorology*  
(Reprint of 1967 edition.)

Edgerton, Lynne T.  
Foreword by George M. Woodwell.  
*The Rising Tide: Global Warming and World Sea Levels*  

Fiori, John  
*The Changing Atmosphere: A Global Challenge*  
(Acid rain, ozone layer depletion.)

Gates, David Murray  
*Climate Change and Its Biological Consequences*  

Houghton, John T.  
*The Global Climate*  
(Describes World Climate Research Programme. Includes chapters on the role of the oceans.)

Isener, Hans Jorg and Lutz Hasse  
*Bunker Atlas of the North Atlantic Ocean*  
*Volume 1*: Observations.  
*Volume 2*: Air-Sea Interaction.  
1987, 252 p.  
Springer-Verlag.

Kotsch, William J. and Richard Henderson  
*Heavy Weather Guide*  
Second edition.  

Kotsch, William J.  
*Weather for the Mariner*  
Third edition.  

Silver, Cheryl Simon  
*One Earth, One Future: Our Changing Environment*  

**Global Change Information Packet**  
Second edition.  
National Agricultural Library, 1992. (13 pamphlets, maps.)

*Magazine Articles and Issues*

Changing climate and the oceans  
*Oceanus*, vol. 29(4), Winter, 1986/87.
El Niño
*Oceanus*, vol. 27(2), Summer, 1984.

El Niño

**OCEAN ENGINEERING**

Berteaux, H. O.
*Coastal and Oceanic Buoy Engineering*
(Design and construction of buoys.)

Busby, R. F.
*Manned Submersibles*
Washington Office of the Oceanographer of the Navy.

Dexter, Stephen C.
*Handbook of Oceanographic Engineering Materials*

George, J.D., I. Lythgoe and J.N. Lythgoe
*Underwater Photography & Television for Scientists*

Geyer, Richard A.
*Submersibles and Their Use in Oceanography and Ocean Engineering*

Herbich, John B., ed.
*Handbook of Coastal & Ocean Engineering*
*Volume 1*: Wave phenomena and sediment processes.

*Volume 2*: Offshore structures, marine foundations and sediment processes.
1990, 1150 p.

*Volume 3*: Harbors, navigational channels, estuaries and environmental effects.

Gulf Publishing Co.

Lemehaute, Bernard and Daniel M. Hanes

Miller, James W. and Ian G. Koblick
*Living and Working in the Sea*

Ragotzkie, Robert A., ed.
*Man and the Marine Environment*
(Chapters on humans undersea, work in the sea, humans vs. the sea at the shore, coastal management and coastal law.)

Smith, Paul Ferris
*Underwater Photography: Scientific and Engineering Applications*
Magazine Articles
and Issues

Ocean engineering & technology

Ports & harbors
Fall, 1989.

PHYSICAL
OCEANOGRAPHY

Baker, D. James
Planet Earth, The View
from Space

Bascom, Willard
Waves and Beaches: The
Dynamics of the Ocean Surface
Revised and updated edition.

Charlier, Roger H.
Tidal Energy

Harper, Dorothy
Eye in the Sky: Introduction to
Remote Sensing
Second edition.
Multiscience Publications Limited,
(Chapter on rivers, lakes and the
seas.) Distributed by Brookfield
Publishing Co.

Pickard, George L. and
William J. Emery
Descriptive Physical
Oceanography: An Introduction
Fifth edition.

Pond, S. and G. L. Pickard
 Introductory Dynamical
Oceanography
Second edition.

Redfield, Alfred
Introduction to Tides

Stommel, Henry
A View of the Sea: A Discussion
Between a Chief Engineer and an
Oceanographer About the
Machinery of the Ocean
Circulation

Ocean Circulation
(Open University Oceanography
Series.)

Waves, Tides & Shallow-Water
Processes
(Open University Oceanography
Series.)
Physical oceanography  
*Oceanus*, vol. 35(2), Summer, 1992.  
(Ocean circulation, Gulf Stream, overflows, mixed layer, El Niño, climate prediction and major research programs.)

RESOURCES AND FUTURE USES OF THE OCEANS

(y) Avery, Rob  
Illustrated by Paul Dodds.  
**Complete Book of Seafood Fishing**  

(y) Bramwell, Martyn  
**Oceanography**  
(Science Frontiers Series)  
(The ways in which people are using the resources of the ocean. Emphasizes technological means of future uses of the ocean.)

Brewer, Peter, ed.  
**Oceanography: The Present and Future**  
(From the proceedings of *Will We Use the Oceans Wisely—The Next Fifty Years in Oceanography*, a 1980 symposium held in Woods Hole, MA, on the occasion of the 50th anniversary of the Woods Hole Oceanographic Institution.)

Charlier, R.H. and J.R. Justus  
**Ocean Energies: Resources for the Future**  
(Oceanography series.)  

Culliney, John L.  
**The Forests of the Sea: Life and Death on the Continental Shelf**  

Cuyvers, L.  
**Ocean Uses & Their Regulation**  
(The oceans—physical, geological, chemical and biological descriptions. Food, minerals and energy from the sea. Waste disposal in the sea. Law of the sea.)

Finn, Daniel P.  
**Managing the Ocean Resources of the United States: The Role of the Federal Marine Sanctorums Program**  
(Lecture Notes in Coastal and Estuarine Studies 2.)

Hanson, Thorvald Buch, Odd Jan Lange, Hakon Lavik and Willy Hakon Olson  
**Offshore Adventure: A Pictorial History of the Norwegian Petroleum Industry**  

Mangone, Gerard J., ed.  
**The Future of Gas and Oil from the Sea**  
Marx, Wesley
The Oceans: Our Last Resource

McHugh, J. L.
Fishery Management: Lecture Notes on Coastal and Estuarine Studies

(y)Polking, Kirk
Oceans of the World: Our Essential Resource
(Global Perspective Series.)

(y)Poynter, Margaret and Donald Collins
Under the High Seas: New Frontiers in Oceanography
(History. Future uses and marine law.)

Ross, David
Opportunities and Uses of the Oceans
Springer-Verlag, 1979, 320 p.

Shusterich, K. M.

Simon, Anne W.
Neptune's Revenge: The Ocean of Tomorrow

Weber, Michael and Judith Gradwohl
The Wealth of Oceans

Westermeyer, William E.

Magazine Articles and Issues

(y & a)Rona, Peter A.
Metal factories of the deep sea

(y & a)Deep ocean mining

SEASHORE

Allen, Thomas B., Bob Devine, and Donald Dale Jackson
Treasures of the Tide: The Book for Beachcombers

(y)Amos, William H.
Exploring the Seashore
(Book for Young Explorers)
National Geographic Society, 1984, 32 p.

Audubon Society
The Audubon Society Field Guide to North American Seashore Creatures

Brown, A.C. and A. McLachlan
Ecology of Sandy Shores
Hay, John and Peter Farb
*Atlantic Shore: Human and Natural History from Long Island to Labrador*
(Salt marshes, tidal grounds, shore birds, etc.)

Hoel, Michael L.
*Land's Edge: A Natural History and Field Guide to Barrier Beaches from Maine to North Carolina*

(y)Kohn, Bernice
Illustrated by Arabelle Wheatley.
*Beachcomber's Book*
(Seashore biology, projects.)

Moore, P. G. and R. Seed, eds.
*The Ecology of Rocky Coasts: Essays Presented to J.R. Lewis*
Columbia University Press, 1985. 467 p. (Each chapter written by different authors. Extensive bibliography.)

(y)The National Audubon Society
*The Audubon Society Field Guide to North American Seashore Creatures*

National Geographic Society
*The World's Wild Shores*
National Geographic Society, 1990, 199 p. (Special Publication.)
Parker, Steve
Seashore
(Eyewitness Book)
(Cold water plants, animals and
shores are emphasized.)

Pilkey, Orrin H., Jr. and
William J. Neal, eds.
Living with the Shore Series
Sponsored by the National
Audubon Society, Duke University
(Shoreline dynamics, effects of
shoreline development, coastal land
use planning and regulation.
Detailed site analyses.)
Titles in this series:

The Beaches are Moving: The
Drowning of America's Shoreline
Wallace Kaufman, et al.

From Currituck to Calabash: Living
with North Carolina's Barrier
Islands
Second edition.
Orrin H. Pilkey et al.

Living with the South Carolina Shore
William J. Neal et al.

Living with the West Florida Shore
Larry J. Doyle et al.

Living with the Alabama-Mississippi
Shore
Wayne F. Canis et al.

Living with the Louisiana Shore
Joseph T. Kelley et al.

Living with the Texas Shore
Robert A. Morton et al.

Living with Long Island's
South Shore
Larry McCormick et al.

Living with the New Jersey Shore
Karl Nordstrom et al.

Living with the Shore of Puget Sound
and the Georgia Strait
Thomas A. Terich

Living with the Chesapeake Bay and
Virginia's Ocean Shores
Larry G. Ward et al.

Living with the Coast of Maine
Joseph T. Kelley et al.

Pope, Joyce
The Seashore
(Action Science Series)
Watts, 1985, 32 p.
(Plants and animals of the
seashore.)

Reiger, George
Wanderer on My Native Shore: A
Personal Guide and Tribute to
the Ecology of the Atlantic Coast
(Natural history and coastal
ecology of the Atlantic coast from
the Canadian border to Key West.)

Siry, Joseph V.
Marshes of the Ocean Shore:
Development of an
Ecological Ethic
Texas A & M University Press,

Teal, John and Mildred Teal
Life and Death of the Salt Marsh
(Ecology Main Event series.)
(Reprint edition from 1969.)
Teal, Mildred and John Teal
Illustrated by Richard Rice.
**Portrait of an Island**
(Sapelo Island, Georgia.)

(y & a)Trefil, James
**A Scientist at the Seashore**
(Explanations of tides, waves, beach formation, salt in the sea, etc.)

(y & a)Waters, Barbara S.
Illustrated by Carole Eldredge.
**Field Guides for Eastern Shore Marine Environments**
(This set of five field guides includes: Salt Ponds, Tidal Flats, Rocky Shores and Wooden Structures, Sandy Shore and Dunes, and Salt Marsh. The oversized guides (11" x 17") describe, on one side, the characteristics of each environment and, on the other side, illustrate a cross-section of each environment and the plants and animals that inhabit it, labeled with common and scientific names. We suggest laminating them for years of use in the classroom or in the field. Reprinted 1992, 2 p. each, WHOI Sea Grant Publication #WHOI-H-78-001; $1 per set of 5. Available from WHOI Sea Grant Program, CRL 209, Woods Hole, MA 02543.)

(y)Wolf, Edward C.
**A Tidewater Place: Portrait of the Willapa Ecosystem**
(Willapa Bay ecosystem is located in SW Washington State and supports oysters, dungeness crabs, Pacific salmon, clams, conifers and cranberries.)

Zinn, Donald
**Handbook for Beach Strollers:**
**From Maine to Cape Hatteras**

Magazine Articles and Issues

**Coastal science & policy I**
**Oceanus**, vol. 36(1), Spring, 1993.
(Coastal zone science and policy issues. Includes several articles related to Boston Harbor outfall pipe project.)

**Coastal science & policy II**
(Estuaries, rivers, runoff, status of U.S. fisheries, pollution, etc.)

**SHIPS AND SUBMERSIBLES**

(y)Fenner, Sal
**Sea Machines**
(Working surface vessels.)

Hsu, Kenneth J.
**CHALLENGER at Sea—**
**A Ship that Revolutionized Earth Science**

(y)Johnson, Rebecca L. 
Diving into Darkness: A Submersible Explores the Sea (Discovery! Series) 
Lerner, 1989, 64 p.

Kahari, Victoria A. 
Water Baby: The Story of ALVIN 
Oxford University, 1990, 356 p. (“The world’s first deep-diving submarine: its close calls, maverick crew, and 25 years of remarkable discoveries.”)

(y)Kovacs, Deborah 
A Day Underwater 
Scholastic, 1987, 32 p. (Underwater exploration.)

(y)Miller, James W. and Jan G. Koblick 
Living and Working in the Sea 

(y)Weiss, Harvey 
Submarines and other Underwater Craft 

(y)Williams, Brian 
Under the Sea (All-About Book) 
Random House, 1989, 24 p. (Divers, submersibles, undersea laboratories.)

Magazine Articles and Issues

(y & a)Kunzig, Robert 
Between home and the abyss 

(y & a)Pittenger, Richard F. and Robertson P. Dinsmore 
Oceanographic research vessels: then, now & in the future 

(y & a)Van Dover, Cynthia 
Dive 2000 

(y & a)DSV ALVIN: 25 years of discovery 

(y & a)The quest to find the Bismarck—1988/89. 
Oceanus, vol. 32(3), pp. 26-33, Fall, 1989. (Underwater vehicle ARGO.)

UNDERWATER EXPLORATION

Ballard, Robert D. 
The Discovery of the BISMARCK: Germany’s Greatest Battleship Surrenders Her Secrets 
CAREERS IN MARINE SCIENCE

American Black Scientists and Inventors
(Includes bibliographies.)

(y) Careers in Oceanography

Careers in Oceanography and Marine-Related Fields
The Oceanography Society, 1995, 28 p. Single copies available from:
The Oceanography Society
4052 Timber Ridge Drive
Virginia Beach, VA 23455
804/464-0131

(y) Lang, Denise V.
Footsteps in the Ocean: Careers in Diving

(y) Heitzmann, William Ray
Opportunities in Marine and Maritime Careers
VGM Career Horizons, 1979, 144 p.

(y) University Curricula in Oceanography and Related Fields
Marine Technology Society, updated every 2-3 years.

Warren, Rebecca Lowe and Mary H. Thompson
The Scientist Within You: Experiments and Biographies of Distinguished Women in Science
(Instructor’s guide.)
(y) Hare, Tony
The Greenhouse Effect
Watts (NY), 1990, 32 p. (Save Our Earth Series) (Possible causes and evidence for rising temperatures. Glossary. Index.)

(y) Johnson, Rebecca L.
The Greenhouse Effect:
Life on a Warmer Planet
(Discovery! Series)
Lerner (Minneapolis, MN), 1990, 112 p. (Explains the greenhouse effect and its impact on human, animal and plant life. Includes suggestions for simple experiments to demonstrate the concept.)

Magazine Articles
and Issues

(y & a) Rosendahl, Bruce R.
Pumping up the ocean
SeaFrontiers, vol. 6, p. 3.
September/October, 1990.

(y & a) Washington, Warren M.
Where’s the heat?
Natural History, pp. 66-68,
March, 1990.

(y) Fine, John C.
Oceans in Peril
(Atheneum Child Book)

(y) Goldberg, Jake
Illustrated by Michael Garland.
Rachel Carson
(Junior World Biographies)
(Biography of the scientist/writer who alerted the public to environmental problems.)

(y) Marx, Wesley
The Oceans: Our Last Resource

(y) Smith, Roland
Sea Otter Rescue:
The Aftermath of an Oil Spill
(Dutton Children’s Books)
Cobblehill, 1990, 64 p.
(Photographs by the author. Account of the efforts to rescue sea otters after the EXXON VALDEZ oil spill. Glossary, Index.)

Magazine Articles
and Issues

(y & a) Coombe, Tucker
Don’t forget the basics
SeaFrontiers, vol. 39, p. 36.
July/August, 1993.
(Marine pollution from the home.)

(y & a) Cox, Vic
The ocean’s canaries:
marine mammal die-offs may signal too-polluted seas
SeaFrontiers, vol. 39, pp. 16-18,
(y) Norris, Ruth
A tide of plastic

(y) Acid rain imperils life in Atlantic coastal waters

(y) Beaches awash in plastic

(y & a) The Boston Harbor Project

(y & a) Ocean disposal reconsidered

(y & a) Plastic in the North Atlantic

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(y) SCIENCE PROJECTS

(y) Global Issues Education School
Global Tomorrow Coalition, 1990, 119 p. (Activities and lesson plans for grades 3-12. Issues include ocean and coastal resources and the biosphere.)

(y) How to Set Up and Maintain a Saltwater Aquarium
Marine Information Service. Sea Grant College Program. Texas A & M University, College Station, Texas, 1981, 8 p.

(y) Allen, Wendy B. and Patty O. McLaughlin
Sea Sampler: Aquatic Activities for the Field and Classroom
South Carolina Sea Grant Consortium (Charleston), 1985, 118 p.

(y) Bonnet, Robert J. and G. Daniel Keen
Environmental Science: 49 more Science Fair Projects

(y) Carr, Joseph J.
The Art of Science: A Practical Guide to Experiments, Observations and Handling Data
High Text, 1992, 365 p. (Review of scientific procedures and analysis techniques. Statistical methodology requires some understanding of mathematics.)

(y) Daab, Marcia
Illustrated by Rose Scheifer. Science Fair Workshop
Fearon (Belmont, CA), 1990, 44 p. (A how-to guide. Choosing a topic, identifying independent and dependent variables, collecting data, drawing conclusions and preparing an exhibit.)

(y) Simon, Seymour
Illustrated by David A. Carter. How to be an Ocean Scientist in Your Own Home
Lippincott, 1989, 136 p. (24 easy to understand experiments. Equipment and supplies are ordinary household items.)
(y) Smith, Norman F.
**How Fast Do Your Oysters Grow: Investigate and Discover in Your Science Project**

(y) Smith, Norman F.
**How To Do Successful Science Projects**
Revised edition.
(How to identify a problem, develop a plan, carry out the plan, prepare results and draw conclusions.)

**INFORMATION SOURCES**

(y & a) **Aquaculture Information Center**
National Agricultural Library
Room 304
10301 Baltimore Blvd.
Beltsville, MD 20705-2351
Telephone: 301/504-5558
TDD: 202/720-7808
/Publication: Resource Guide to Aquaculture Information, 1994, 157 p./

(y) **Aquatopics: Aquaculture for Youth and Youth Educators**

(y & a) **Cape Cod Museum of Natural History**
Route 6A
Post Office Box 1710
Brewster, MA 02631
Telephone: 508/896-3867

**Center For Marine Conservation**
1725 DeSales Street, NW
Suite 500
Washington, DC 20036
Telephone: 202/429-5609
(CMC has a selection of books, reports, newsletters, slide shows, posters.)

**Directory of Cape & Islands Coastal Outreach Organizations**
WHOI Sea Grant Program
CRL 209, Woods Hole, MA 02543
(A directory of organizations from Cape Cod, Martha’s Vineyard and Nantucket that share the Sea Grant objective of providing the public with information to aid in the preservation and wise utilization of our local coastal and marine resources. $10. Updated annually, the 1995 edition will also include listings for Southeastern Massachusetts.)

**Directory of Information Resources in the United States: Geosciences & Oceanography**

**Education and Training**
World Wildlife Fund
The Conservation Foundation
1255 Twenty-third St., N.W.
Suite 200
Washington, D.C. 20037
Telephone: 202/293-4800
(Coral Reef Teacher’s Kit for middle grades.)
(y & a) 4-H Beachcomber Program
Contact: Judith M. Vollmer
Eileen Sonnenberg
County Extension Agent in 4-H Club Work, Cape Cod Extension Service Deeds and Probate Building, Railroad Avenue Barnstable, MA 02630 Telephone: 508/362-2511, x585

(y) Global Tomorrow Coalition
1325 G Street, N.W.
Suite 1010
Washington, DC 20005-3104
Telephone: 202/628-4016

Alibrandi, Marsha, et al., eds.
Groundwater Resource Guide
1990, 8 p. (This groundwater guide contains information on the water cycle, the water budget, zones of aeration and saturation, hydrogeology, and groundwater pollution. Also included are classroom activities, a brief glossary, and useful references and resources for further information. WHOI Sea Grant publication #WHOI-H-90-002, free. WHOI Sea Grant Program, CRL 209, Woods Hole, MA 02543.)

(y) Grady, Mary
How to Find Marine Information in Public and School Libraries
Rhode Island Sea Grant, University of Rhode Island Bay Campus, 1991, 8 p.

(y & a) Hall-Arber, Madeleine
Edited by Karen Hartley.
Citizen's Guide to Sources for Marine and Coastal Information in Massachusetts
Fifth edition.
Massachusetts Institute of Technology Sea Grant Program. 1990, 24 p. (Who to ask about a problem, a new business opportunity, research information sources, education facilities, or government regulations. For fishermen, business people, teachers, local planning groups, parents and homeowners.)

(y & a) Herriott, Joy A. and Betty G. Hardin
Summer Opportunities in Marine and Environmental Science: A Student's Guide to Jobs, Internships and Study, Camps and Travel Programs
Second edition.

Graduate School of Oceanography, University of Rhode Island
Bay Campus, South Ferry Road Narragansett, RI 02882-1197.
(Quarterly magazine—free upon request.) Contact: Jackleen DeLaHarpe, Science Writer, Telephone: 401/792-6499

(y) Marine Education: A Bibliography of Educational Materials Available from the Nation's Sea Grant Programs
Sea Grant Office, Mail Stop #2, Woods Hole Oceanographic Institution, 1994, 52 p. (Includes pamphlets, posters, films, videos,
maps, games and curriculum guides, many of which are free. Listings are alphabetical by states who have Sea Grant programs. Ordering instructions and prices listed.

(y & a) National Marine Educators Association P.O. Box 51215 Pacific Grove, CA 93950 Telephone: 408/648-4841

(y & a) National Marine Fisheries Service Aquarium Woods Hole, MA 02543 Telephone: 508/548-7684 (Inquiries about educational programs, K-12.)

National Marine Fisheries Service Information Services Woods Hole, MA 02543 Telephone: 508/548-5123 (Technical and general information.)

(y) Ocean Explorer Woods Hole Oceanographic Institution Associates Office Woods Hole, MA 02543 (A quarterly magazine included as a benefit of Young Associates membership. Telephone: 508/289-3313.)


Woods Hole Oceanographic Institution Sea Grant Program Mail Stop #2, Woods Hole, MA 02543 Telephone: 508/457-2000, ext. 2398; FAX: 508/457-2172 (WHOI Sea Grant is one of 29 Sea Grant programs nationwide. For a listing of the Sea Grant program nearest you, contact the National Sea Grant College Program at 301/713-2431.)

MARINE SCIENCE INFORMATION ON THE INTERNET

From the Woods Hole scientific community, information on marine science, ecology, biomedicine, oceanography, and the resources of the combined collections of the Marine Biological Laboratory/ Woods Hole Oceanographic Institution Library:

Marine Biological Laboratory: http://www.mbl.edu

Woods Hole Oceanographic Institution http://www.whoi.edu


From the Scripps Institution of Oceanography at the University of California at San Diego, information on ocean exploration, oceanography, marine research and education: http://sioo.ucsd.edu
From the Alfred Wegener Institute, German National Research Center for Polar and Marine Research including the "Hydrographic Atlas of the Southern Ocean":
http://www.awi-bremerhaven.de/

From Sea World, an animal information database, and a portion of the Sea World Teacher’s Guide:
http://www bev.ent/education SeaWorld/homepage.html

From the Earth and Environmental Sciences Center at the Pacific Northwest Laboratory, information on the laboratory and resources related to hydrology:
http://terrassa.pnl.gov:2080/
The hydrology resources list is at:

From the International Centre for Antarctic Information and Research, the Gateway to Antarctica:
http://icair.iac.org.nz

From the Illinois Natural History Survey, Center for Aquatic Ecology, Center for Biodiversity, Center for Economic Entomology and the Center for Wildlife Ecology, survey reports, publications and weekly information on their education section:
http://www.inhs.uiuc.edu:70/

**DICTIONARIES**

Charton, Barbara, ed.
*The Facts on File Dictionary of Marine Science*  

Lenfestey, Thompson  
*The Facts on File Dictionary of Nautical Terms*  

Tver, David F.
*Ocean and Marine Dictionary*  
Cornell Maritime Press, 1979, 358 p. (Lexicon of marine and ocean subjects.)

**ENCYCLOPEDIAS**

Banister, Keith and Andrew Campbell  
*The Encyclopedia of Aquatic Life*  

Elder, Danny and John Pernetta  
*Oceans*  
(Published in association with IUCN: The World Conservation Union.) (Encyclopedia treatment. Contents: Turbulent Oceans; Living Seas; Environments for Life; Harvesting the Seas; Atlas; Challenge of Conservation.)

Encyclopaedia Britannica (and its Yearbook)
Groves, Donald G. and Lee M. Hunt
Ocean World Encyclopedia
(Oceanography, ecology, hurricanes, myths and legends, marine optics, etc.) Van Hoffmann, 1980, 443 p.

Kemp, P. K.
Oxford Companion to Ships and the Sea

McGraw-Hill Encyclopedia of Science and Technology
Seventh edition.
McGraw-Hill, 1992. 20 volumes

Rand McNally Atlas of the Oceans
(Encyclopedic treatment. Contents: Ocean Realm; Man's Oceanic Quest; Life in the Oceans; The Great Resource; The Face of the Deep; Encyclopedia of Marine Life.)

The Random House Atlas of the Oceans

Schwartz, Maurice L., ed.
The Encyclopedia of Beaches and Coastal Environments
Van Nostrand Reinhold

Science Year: The World Book Annual Science Supplement

Sterba, Gunther
The Aquarium Encyclopedia

The Times Atlas and Encyclopaedia of the Sea
Second edition.

World Book Encyclopedia

FILMS & VIDEOS

(y)Animal Life in a Tidepool
12 minute videocassette.
(Marine animals, tidepool ecology.)

Clean Water, Clear Choices.
The Challenge of Nonpoint Source Pollution
10 minutes.
(Our nation's waters are under siege from a subtle, yet dangerous threat known as nonpoint source pollution. This video highlights results of successful projects aimed at solving this problem.)
Contact:
Eugene Lamb
Natl. Assoc. of Conservation Districts
509 Capitol Court, N.E.
Washington, DC 20002

(y)Coastlines
(Man and the Biosphere)
Films for the Humanities. 1990, 28 minutes, color.
(Shows a variety of habitats in coastal areas from tide pools and sandy shores to splash zones. Covers intertidal and subtidal plants and animals.)
Danger at the Beach
Narrated by Ted Danson.
(National Audubon Society Special.) PBS Video, 1991, 58 minutes, color.
(Demonstrates problems and dangers to the U.S. bays, estuaries and beaches. Includes a teacher’s guide.)

Ecology of the Coral Reef
(Man and the Biosphere.) Films for the Humanities, Inc. 1990, 28 minutes, color.
(Explains life on the reef, how coral reefs are formed, and how they are being destroyed.)

Gentle Giants of the Pacific
Narrated by Richard Widmark.
(Sierra Club Series) Eastman Kodak, 1988, 60 minutes, color.
(Songs of the humpback whale.)

The Great Whales
Produced by the National Geographic Society and WQED, Pittsburgh.
Distributed by Vestron Video. Videocassette release of 1978 TV special, 59 minutes, color.
(Anatomy, communication and migration patterns.)

Household Hazardous Waste: A Little Goes a Long Way
1987, 20 minutes.
Contact:
Jerry Gillulard
State of Washington
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504

Magnificent Monsters of the Deep
Narrated by Orson Welles.
(Sierra Club Series) Eastman Kodak, 1988, 60 minutes, color.
(Dr. Roger Payne observes the southern right whale in the Bay of Valdez, South America.)

Making New Waves: Aquaculture in Maine
University of Maine Sea Grant Marine Advisory Program, 30 minutes.
(Aquaculture has been growing rapidly in Maine during the last decade. Aquaculture industry members, environmental organizations, shorefront landowners, scientists, state regulators, town officials, and others express their views and concerns about this burgeoning industry.)
Contact:
Kathleen Lignell
Maine Sea Grant Program
30 Coburn Hall
University of Maine
Orono, ME 04469-0114
207/581-1442

Marine Careers
18 minutes.
(Up-to-date information about job possibilities in, on, and around the waters. Suitable for use in school classrooms and libraries, guidance and career counseling offices, career exploration classes and fairs, youth organizations, or at home.)
Contact:
Tracey Bryant
Sea Grant College Program
University of Delaware
Newark, DE 19716
302/831-8083
Olson, Randy
On the Surface
Prairie Starfish Productions, 1993, 40 minutes, color.
(Three women oceanographers describe their deep sea research.)

University of New Hampshire, 1989, 26 minutes.
(Enumerates the ways coastal growth is taxing the environment. Interviews coastal specialists who describe methods needed to control coastal development such as wetland protection and control of public access to the coastland.)
Contact:
Steve Adams
Sea Grant College Program
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
603/749-1565

Padilla Bay
Camera One
(Discover the surprising, secret life of the estuary.)
Contact:
Padilla Bay National Estuarine Research Reserve
1043 Bayview - Edison Road
Mt. Vernon, WA 98273
202/428-1558

The Power to Protect: Three Stories about Groundwater
33 minutes.
(Takes a comprehensive look at how tainted water leaching into your watershed hundreds of miles away can affect your groundwater.

Effective management techniques are explored.)
Contact:
Melissa Paly
JFK Building,
Mail Code WQB
One Congress Street
Boston, MA 02203
617/565-4863

Promises to Keep
1991, 16 minutes.
(Pollutants, water quality and quantity, toxic chemicals, remedial action plans and environmental policy.)
Contact:
International Joint Commission
Great Lakes Regional Office
100 Ouellette Ave., 8th Floor
Windsor, ONT N9A 6T3
Canada
519/256-7821

Saltwater Aquarium
1991, 16 minutes.
(Tells how to provide a happy habitat for pet saltwater fish. Describes the challenges in setting up and maintaining a saltwater aquarium and gives guidelines for acquiring fish and vegetation to stock it.)
Contact:
Chris Sigurdson
Sea Grant College Program
Texas A & M University
P.O. Box 1675
Galveston, TX 77553-1675
409/740-4468
Troubled Waters: Plastic in the Marine Environment
30 minutes.
(Describes the mounting problems associated with plastic waste, explores the international treaty MARPOL, and describes the mobilization of ordinary citizens, community and environmental organizations, government agencies, and the plastic industry itself, to control plastic in the marine environment.)
Contact:
EFP Services, Inc.
27 Pine Grove
Amherst, MA 01002
413/256-0962

Vanishing Lands
30 minutes.
(Explores Chesapeake Bay, an area rich in history and a thriving seafarming, recreational, and residential area, whose varied coastline makes it a microcosm of the worldwide effects of sea level rise. See how slowly rising sea levels have resulted in considerable land loss and the abandonment of many small islands in the Bay. Examines the environmental consequences and different responses to rising sea level.)
Contact:
Dr. Stephen P. Leatherman
University of Maryland Foundation
c/o Lab. for Coastal Research
1113 LeFrak Hall, Univ. of Maryland
College Park, MD 20742
301/405-4074

Turning the Tide: Keeping Pollution at Bay
32 minutes.
(Explores the pollution problems of Buzzards Bay, MA, and the work of individuals, as well as state, local, and federal governments, to protect and restore the water quality of the Bay.)
Contact:
Melissa Paly
U.S. EPA
JFK Building, Mail Code WQB
One Congress Street
Boston, MA 02203
617/565-4863