

Bibliography

Compiled by Belle Mickelson, Peggy Cowan, Mary Lou King, Nancy Barr and Dr. Earl Clark, associate professor, University of Alaska, Juneau, and his students Joyce M. Roloff, Linda Edmondson, Patricia Muchnick, Dan Penrose, Chris Winter, and Tom Castagnola.

Selections from the following annotated bibliographies are included in this volume. Consult these excellent sources for additional suggestions for Sea Week books.

Bagnall, Norma. Sea Sources, Texas A&M Sea Grant College Program, Texas A&M University, **College Station**, TX 77843, 1981. 187 p.

Currier, Janice A. Skiff and Shore: A Teacher's Guide to Fisheries Education Materials. Alaska Native Foundation Fisheries Program, 411 West Fourth Avenue, Anchorage, AK 99501.

Florida 4-H Department Marine Library Book List, Florida Marine Program. 17 p.

Institute of Marine Science List of Technical Reports, and Occasional Publications, IMS Publications Department, University of Alaska, Fairbanks, AK 99701.

Lee, Richard S. and F. F. Wright. Bibliography of Marine Teaching Materials. Marine Advisory Program, Cooperative Extension Service, University of Alaska, Anchorage, AK 99504. 1976. 40 p.

A List of Books on the Marine Environment for Children and for Young People. Project Coast, 310 Willard Hall Education Building, University of Delaware, Newark, Delaware. 1971.

Publications Directory, University of Alaska Sea Grant College Program, 590 University Avenue, Suite 102, Fairbanks, AK 99701. 1984.

UNITS 1, 2 and 3: INTRODUCTION TO MARINE INVERTEBRATES,
MARINE INVERTEBRATE SPECIES AND BEACH FIELD
STUDIES

Children's Literature

Angel, Heather. Life on the Sea Shore. Illustrated by Richard Hook and John Sibbeck. MacMillan Education, Morristown, N. J., 1976. 23 p.

Gorgeous illustrations of seashore animals in their varied seashore habitats.

Asimov, Issac. ABC's of the Ocean. Walker and Co., New York, 1970. 48 p.

Alphabet book with marine subjects. Carefully and accurately done, with photographs and black-and-white drawings.

Beauregard, Sue and Jill Fairchild. Ocean Animals and Ocean Floor Animals. Sea Library Series. Cypress Press, Glendale, Calif., 1977. 32 p.

Simple, informative, large-print narrative with photographs.

Behrens, June. Look at the Sea Animals. Childrens Press, Chicago, 1975. 40 p.

Instructive, easy text provides the distinguishing characteristics of creatures including starfish, sponges, octopi and dolphins. Colorful, page-size photographs accompany text.

Bendick, Jeanne. Exploring an Ocean Tide Pool. Garrard Publishing Co., Champaign, Ill., 1976. 69 p.

Describes tidepool life and interrelationships. Includes line drawings, photographs and an index.

Buck, Margaret Waring, Along the Seashore. Abingdon Press, New York, 1964. 72 p.

A simple seashore encyclopedia, using line drawings for identification. Covers plants, invertebrates, fish and birds.

Carrick, Carol. Lost in the Storm. Illustrated by Donald Carrick. Seabury Press, New York, 1979. 32 p.

Description of two youngsters' day at the beach in a well-done text with pictures.

Cartwright, Sally. Sand. Illustrated by Don Madden. Coward, McCann and Geoghegan, New York, 1975. 31 p.

Picture book providing information on the characteristics of sand. Entertaining cartoon illustrations. Includes projects using sand.

Cartwright, Sally. The Tide. Illustrated by Marilyn Miller. Coward, McCann and Geoghegan, New York, 1970. 46 p.

Explains tides, spring tides, neap tides and their causes. Illustrated with diagrams.

D' Ahilo, Anthony. Seashore Life Coloring Book. Dover Publishing Co., 1973. 47 p.

Pictures of ocean creatures from around the world, including Alaska.

Dos Santos, Joyce Audy. Sand Dollar, Sand Dollar. J.B. Lippincott, Philadelphia, 1980. 32 p.

Peter and his dog Urchin spend a day at the beach building a castle, exploring the shoreline and contemplating the magic in the sand dollar.

Garlick, May. Down to the Beach. Illustrated by Barbara Cooney. Four Winds Press, New York, 1973. 42 p.

A gentle, lyrical book describing a day at the beach. Children discover waves, tides, tidepools, shells, crabs, boats, buoys and a foghorn. Beautiful watercolor illustrations.

Golding, Augusta. The Sunlit Sea. Illustrated by Paul Galdone. Thomas Y. Crowell Co., New York, 1968. 33 p.

Interdependence and the food chain are the themes. Presents sealife including vegetation and animals. Simple illustrations and vocabulary highlighted with capital letters.

Holling, Holling Clancy. Pagoo. Illustrated by the author and Lucille Webster Holling. Houghton Mifflin Co., Boston, 1957. 87 p.

Pagoo the hermit crab, with his life and adventures set off by beautiful illustrations. Accurate information about Pagoo and his marine neighbors. Engrossing narrative.

Huntington, Harriet E. Let's Go to the Seashore. Doubleday and Co., New York, 1941. 89 p.

Included in the American Library Association's list of 1,000 basic books for elementary school libraries. Photographs of marine animals and an informative text.

Hurd, Edith T. Starfish. Thomas Y. Crowell Co., New York, 1962. 40 p.

A Let's Read and Find Out book with brief, careful explanations of life cycles, feeding habits and regeneration. Fascinating two-color illustrations.

Kinney, Jean. What Does the Tide Do? Illustrated by Cle Kinney. Young Scott Books, New York, 1966. 36 p.

The tide rises and recedes as a boy fishes from a wharf, observing the exposed marine animals. Causes of tides are explained.

Komin, Marine W. The Beach Before Breakfast. Illustrated by Leonard Weisgard. G.P. Putnam's Sons, New York, 1964. 47 p.

Sensitive account of the relationship between father and son as they explore a beach, observing life there while digging for clams. Simple beach scene illustrations set the mood.

Lasky, Kathryn. My Island Grandma. Illustrated by Emily McCully. Frederick Warne and Co., New York, 1979. 32 p.

This account of a summer by the sea will charm readers of any age.

List, Ilka K. Grandma's Beach Surprise. Illustrated by Ruth Sanderson. G.P. Putnam's Sons, New York, 1975. 47 p.

Father and daughter explore a beach, looking for treasures for the child's grandmother, learning about their finds. Illustrations set a serene mood.

List, Ilka K. Questions and Answers About Seashore Life. Four Winds Press, New York, 1970. 123 p.

Answers to questions about common marine invertebrates, with attractive woodcuts.

MacDonald, Golden. The Little Island. Illustrated by Leonard Weisgard. Doubleday and Co., Garden City, New York, 1946. 40 p.

The seasonal cycle of life on and around a small ocean island, explained in simple text, with captivating illustrations. Weisgard won a Caldecott award for this book.

McClung, Robert M. Sea Star. William Morrow and Co., New York, 1975. 48 p.

Life cycle of the star fish is described through adventures. Large print and illustrations.

Morse, Doug. The Sea Book. Illustrated by Joel Snyder. Storyfold, Newbury, Mass., 1974.

Combination of a mural and foldout story. Colored pictures on one side with the text, black-and-white illustrations with facts and activity ideas on the reverse side.

Myers, Arthur. Sea Creatures Do Amazing Things. Illustrated by Jean Day Zallinger. Random House, New York, 1981. 70 p.

Descriptions of clams, anemones, octopi, crabs and sea urchins. Illustrated with blue line drawings. A "step-up" book.

Peet, Bill. Kermit the Hermit. Houghton Mifflin Co., Boston, 1965. 48 p.

Detailed drawings contribute to this rhyme about a hermit crab and the effects of a young boy's kindness.

Pittman, Al. Down by Jim Long's Stage -- Rhymes for Children and Young Fish. Illustrated by Dan Hall. Breakwater Books, Portugal Course, Newfoundland. 1976.

Creative, illustrated nonsense rhymes about sea creatures.

Rinkoff, Barbara. No Pushing, No Dunking: Safety in the Water. Lothrop, Lee and Shepard Books, New York, 1974. 40 p.

Two children swim, fish and go boating while learning about water safety and the dangers of water. Color illustrations.

Russ, Lavina. Alec's Sand Castle. Illustrated by James Stevenson. Harper and Row, New York, 1972. 30 p.

Picture book story of Alec's use of mind-over-matter when grown-ups take over his sand castle.

Schultz, Charles M. Snoopy's Facts and Fun Book about Seashores. Random House, New York, 1980. 33 p.

Combines humor and facts in portraying the seashore environment.

The Sea World Alphabet Book. Sea World Press, San Diego, Calif., 1979. 32 p.

Features one-page sea photos together with couplets like, "B is for Beluga, one kind of whale, that's all white as snow from its head to its tail."

Selsam, Millicent E. and Joyce Hunt. A First Look at Animals without Backbones. Illustrated by Harriet Springer. Walker and Co., New York, 1976. 32 p.

Delineates vertebrates and the major groups of invertebrates in clear and simple manner. Emphasis is placed on observation skills.

Selsam, Millicent E. Animals of the Sea. Illustrated by John Hamberger. Four Winds Press, New York, 1975. 40 p.

Clear explanations of the ocean food chain and different animals' part in it. Color illustrations integrated into the text.

Selsam , Millicent . Sea Along the Shore. Illustrated by Leonard Weisgart, Harper and Row, New York, 1961. 50 p.

Answers often-asked questions about the seashore, in text and with colorful illustrations. Explains the origin of sand and why the sea is salty; discusses tides, tracks, shells and insects.

Shepard, Elizabeth. Tracks Between the Tides. Lothrop, Lee and Shepard Books, New York, 1972. 95 p.

Discussion of tracks left on the sand and the animals that make them. Written for the East Coast, but also includes animal groups represented in Alaska.

Silverstein, Alvina and Virginia. A Star in the Sea. Illustrated by Symean Shomin. Frederick Warne and Co., New York, 1969. 40 p.

The life of a sea star from conception on. Explained accurately and enhanced with beautiful illustrations.

Smith, Boyd. The Seashore Book. Houghton Mifflin Co. , Boston, 1912.

Classic children's text with outstanding illustrations.

Tresselt , Alvin. Hide and Seek Fog. Illustrated by Roger Duvosin, Lothrop, Lee and Shepard Books, New York, 1965. 32 p.

Lovely watercolor paintings lend a mystical, magical quality to this story.

Tyler, J. The Children's Book of the Seas. Usborne Publishing, London, 1976. 32 p.

Quality introduction to oceans, accompanied by attractive and interesting illustrations.

Vasiliu , Mirea. A Day at the Beach. Random House, New York, 1977. 30 p.

Show-and-tell format gives cursory information on plants and animals found on the beach.

Vevers, Gwynne. Life in the Sea. Illustrated by Barry Driscoll. McGraw-Hill Book Co. , New York, 1965. 32 p.

Introduces sea life through an outline discussion of topics including tides, pools, shores, animals, food chains and aquariums.

Waters, John F. A Jelly Fish Is Not A Fish. Thomas Y. Crowell Co. , New York, 1974. 34 p.

Careful description augmented by good illustrations describes a jelly-fish.

Teacher's Reference :

Abbott, R. Tucker. Seashells of North America. Golden Field Guide series. Golden Press, New York, 1968. 280 p.

Describes shell species for purposes of identification. Color drawings. Includes general background information on shells.

Abbott, R. and H. S. Zim. Seashells of the World. Golden Press, New York, 1962.

Well-illustrated guide to the most common shells of the world.

Amos, W.H. The Life of the Seashore. McGraw-Hill Book Co. , New York, 1966. 231 p.

Stresses ecological relationships, includes color photos and line drawings of marine life. One of the Our Living World of Nature series developed in cooperation with The World Book Encyclopedia.

Ayres, J. and D. McLachlan. Field book of Pacific Northwest Sea Creatures. Naturegraph Publishers, Happy Camp, Calif., 1979. 208 p.

Explains similarities and differences between classes and phyla of shallow-water sea creatures. Presents species in photos and text.

Barr, Lou and Nancy. Under Alaskan Seas: The Shallow Water Marine Invertebrates Alaska Northwest Publishing Co., Anchorage, 1983. 208 p.

Specific to Alaskan waters, this book is the perfect complement to the Sea Week Curriculum Series. Its excellent photos are supplemented by descriptive text that includes species descriptions, ranges and natural history.

Brown, Joseph E. Wonders of a Kelp Forest. Dodd, Mead and Co. , New York, 1974. 80 p.

Discusses the classification of invertebrates by describing life in kelp beds.

Brown, Vinson. Exploring Pacific Coast Tide Pools. Photographs by Ernest Braum. Naturegraph Publishers, Happy Camp, Calif., 1966. 56 p.

Narrative text brings interest to marine life. Deals with rocky tidepools. Photos of specimens and illustrated list in back helpful for identification.

Brusca, Gary J. and Richard C. Brusca. Drawings by Sue Macias. A Naturalist's Seashore Guide: Common Marine Life of the Northern California Coast and Adjacent Shores. Mad River Press, Inc., Eureka, Calif., 1978. 205 p.

Excellent introductory section on intertidal ecology. Good glossary. Black-and-white line drawings. Many of the particular species, however, do not occur in Alaska.

Buchsbaum, R. Animals. Without Backbones. University of Chicago Press, Chicago, 1948. 405 p.

Clearly written, well-illustrated, elementary college text on invertebrate animals.

Calvin, J. and H. Ricketts. Between Pacific Tides. (1948). 4th Ed. Stanford University Press, Stanford, 1968. 614 p.

In-depth descriptions of various shore types and their invertebrate inhabitants. Photographs and line drawings.

Campbell, A.C. The Wonderful World of Life in the Sea. The Hamlyn Publishing Group, New York, 1978. 96 p.

Large picture format covering seashore animals and plants, shallow seas, coral reefs, open seas, deep seas. Many color photographs.

Carefoot, T. Pacific Seashores. University of Washington Press, Seattle, 1977. 208 p.

Excellent introduction to intertidal ecology. Easy to read and profusely illustrated. Covers mariculture, marine pollution and sand dunes.

Carl, George C. Guide to Marine Life of British Columbia. British Columbia Provincial Museum, Victoria, Canada, 1978.

Includes a variety of information on seashore animals, including birds and fish. Line drawing illustrations.

Carson, Rachel. The Sea Around Us. Oxford University Press, New York, 1951. 230 p.

Clearly written and informative, enjoyable reading. Provides a comprehensive look at the sea.

Cornwall, Ira E. Barnacles of British Columbia. British Provincial Museum, Victoria, B.C., 1955. 69 p.

Everything you ever wanted to know about barnacles. One of the British Columbia Provincial Museum of Natural History handbooks.

Crowley, Walt. The Seattle Aquarium Guide to Life in the Sea. Seattle Aquarium, Seattle, 1981. 79 p.

Ecological relationships and scientific concepts explained, using color photos and drawings.

Duggins, David and James Quinn. The Intertidal Life of Bartlett Cove: Glacier Bay National Monument, Gustavus, Alaska. U.S. Dept. of the Interior, Washington, 1979. 38 p.

Guide to intertidal life. Easy to understand with good line drawings.

Ellis, Davud W. and L. Swan. Teaching of the Tides: Uses of Marine Invertebrates by the Manhousat People. Theytus Books (76A Bastion Street, Nanaimo, B.C., Canada V9R 3A1), 1981. 118 p.

Ethnozoology of Native Indians from the west coast of Vancouver Island.

Engel, Leonard and the Editors of Time-Life Books. The Sea. Time-Life Books, Alexandria, Va., 1979. 128 p.

Many color drawings and a few photographs complement the text, which overviews oceanography, invertebrates, sharks, marine mammals, and man and the sea's future.

Field, Edward, ed. and trans. Eskimo Songs and Stories. Illustrated by Kiakshuk and Pudlo. Delacorte, New York, 1973. 102 p.

Songs and stories portray daily life and beliefs of the Netsilik Eskimos. Collected by Knud Rasmussen on the fifth Thule expedition.

Flora, C. J. The Sound and the Sea: A Guide to Northwestern Neritic Invertebrate Zoology. Washington State Dept. of Printing, Olympia, 1977. 474 p.

Species-by-species description of seashore animals. Black-and-white photographs of nearly every species make this volume easy to use as a field guide.

Friese, J. Erich. Marine Invertebrates. TFH Publications, Neptune, N.J., 1967.

Beautifully illustrated book describing all types of marine invertebrates.

Furlong, Margorie and Virginia Pill. Starfish: Guide to Identification and Methods of Preserving. 2nd Ed. Ellison, Edmonds, Wash., 1973. 104 p.

Includes species from Alaska to Mexico; also includes Hawaii. Color illustrations of each species in dried condition.

Graham, Ada. Foxtails, Ferns and Fishscales: A Handbook of Art and Nature Projects. Illustrated by Dorothea Stoke. Four Winds Press, New York, 1976. 128 p.

Botanical information provided with suggestions for decorative crafts made from natural materials. Includes sand painting, driftwood mobiles, and leaf and fish prints.

Harbo, Rick M. Tidepool and Reef: Marine Life Guide to the Pacific Northwest Coast. Hancock, House Publishers, Vancouver, B.C., 1980. 55 p.

Descriptions and beautiful color photographs.

Hoyt, John H. Field Guide to Beaches. Houghton Mifflin Co., Boston, 1971. 46 p.

Discusses tides, currents, sand, and beach geology. Line drawings.

Kohns, Bernice. The Beachcomber's Book. Illustrated by Arabelle Wheatley. The Viking Press, New York, 1970. 96 p.

Filled with ideas on crafts, identification of collections, recipes, and identification of common shells and seaweeds.

Kozloff, Eugene N. Seashore Life of Puget Sound, the Strait of Georgia, and the San. Juan Archipelago. University of Washington Press, Seattle, 1974. 282 p.

Delightful reading, excellent source of information. Clear color plates and line drawings.

Langstaff, Nancy and John. Jim Along, Josie: A Collection of Folk Songs and Singing Games for Young Children. Illustrated by Jon Pienkowski. Harcourt Brace Jovanovich, New York, 1970. 128 p.

Collection of folk songs includes sea chanties and ballads such as "Who Built the Ark," "Bobby Shaftoe," "The Jackfish," "The Allee-Allee-O," and "Floating Down the River."

MacGinitie, G. E. and N. MacGinitie. Natural History of Marine Animals. McGraw-Hill Book Co., 1949.

Engagingly written college text on West Coast invertebrates and their interrelationships. Full of interesting facts.

McDonald, Gary R. and James W. Nybakken. Guide to the Nudibranchs of California: Including Most Species Found From Alaska to Oregon. American Malacologists (P.O. Box 2255, Melbourne, FL 32401), 1980. 72 p.

Excellent color plates and thorough coverage.

Morris, Robert H. , Donald P. Abbott, and Eugene Haderlic, eds. Intertidal Invertebrates of California. Stanford University Press, Stanford, 1980. 690 p.

Encyclopedic coverage of marine invertebrates of Pacific waters. Thirty-three scientists writing on their specialties. Nearly 1,000 photos of marine habitats, animals and anatomical details.

Morris, Percy A. A Field Guide to Shells. Houghton Mifflin Co. , Boston, 1966. 297 p.

Identification of mollusks of the Atlantic and Pacific coasts and Hawaii.

Niesen, Thomas M. The Marine Biology Coloring Book. Illustrated by Wynn Kupit and Lauren Hanson. Barnes and Noble Books, Harper and Row, New York, 1982. 96 p.

Ninety-six detailed plates illustrate marine biology concepts and structure of marine life. In-depth coverage of marine biology presented in the text.

Ricketts, Edward F. and Jack Calvin. Between Pacific Tides: An Account of the Habits and Habitats of Some Five Hundred of the Common Conspicuous Seashore Invertebrates of the Pacific Coast Between Sitka, Alaska and Northern Mexico. 4th Ed. Stanford University Press, Stanford, 1968. 614 p.

Weather information on species and ecology, organized according to habitat type.

Robinson, Gayle. Beach Animals. Erco (P.O. Box 91648, Tacoma, WA 98491), 1974. 27 p.

Handy pocket picture book of Pacific Northwest marine invertebrates, written especially for elementary school teachers.

Ross, Arnold. Wonders of Barnacles. Dodd, Mead and Co. , New York, 1974. 78 p.

Informative and easily converted for student comprehension.

Selsam, Millicent E. Underwater Zoos. Illustrated by Kathleen Elgin. William Morrow and Co. , 1961. 96 p.

Appropriate animals, plants and water conditions for building and maintaining fresh and saltwater aquariums. Simple drawings.

Smith, L.S. Living Shores of the Pacific Northwest. Pacific Search Press, Seattle, 1976. 149 p.

Description of marine shore habitats and their inhabitants. Illustrated with color and black-and-white photographs. Includes a simple picture key and tables showing intertidal distribution of the different species.

Snively, Gloria. Exploring the Seashore in British Columbia, Washington and Oregon: A Guide to Shorebirds and Intertidal Plants and Animals. The Writing Works, Mercer Island, Wash., 1978. 240 p.

Lucidly describes a variety of seashore organisms. Organized by habitat. Illustrated with line drawings and color photographs.

Texas A and M University Sea Grant College Program. Fairy Tales of the Sea. College Station, Tex., 1981.

These Eskimo, Indian, African, Asian and European stories illustrate perceptions of the sea throughout the world. A separate teacher's guide suggests activities for incorporating the tales into the classroom.

Zim, Herbert S. and Lester Ingle. Seashores. Golden Pocket guide. Golden Press, New York, 1955. 160 p.

A handbook for exploring the ecology of any shore. Classification charts and color illustrations aid in identification.

Recordings:

Sounds of the Sea. No. 3 of Droll Yankees Seaport Series. 33 RPM, LP by Droll Yankees, 1962.

Sea sounds, from boats and ports to wind and waves.

UNIT 4: FRESHWATER INVERTEBRATES

Children's Literature:

Carrick, Donald and Carol. The Pond. MacMillan Co. , New York, 1970. 33 p.

Watercolors portray pondlife in style of oriental silkscreens. Brief, poetic text.

Crosby, Alexander L. Pondlife. Illustrated by Jean Zallinger. Garrard Publishing Co. , New York, 1964. 64 p.

Depicts the birth of a pond and its inhabitants, Separate chapters on insects, frogs, fish, herons, muskrats and others.

Faber, Norma. Small Wonders. Illustrated by Kazue Mizumura. Coward, McCann and Geoghegan, New York, 1979. 31 p.

Poems celebrating small things. Beautiful imagery. Includes freshwater and saltwater topics.

Robinson, Carmelia K. . Gordon E. Burks and Irving Leitmar. Life in a Pond. Illustrated by Marjorie Hartwell. Golden Press, New York, 1967. 28 p.

Labels a pond's living things, from insects and snails to fish and birds. Simple text.

Seuss, Dr. McElligot's Pool. Random House, New York, 1947. 56 p.

Fanciful rhyme moves reader from a small meadow pond to a stream and finally into the sea.

Teacher's Reference:

Amos, William H. The Life of the Pond. McGraw-Hill Book Co. , New York, 1967.

Stresses ecological relationships with many color photos and line drawings. One of the Our Living World of Nature series developed in cooperation with the World Book Encyclopedia.

The Audubon Nature Encyclopedia, Vol. 8. "Ponds." Curtis Publishing Co., New York, 1965. pp. 155-1563.

Describes the living community patterns of ponds. Clear, brief definitions and explanations.

Cooper, Elizabeth K. Science on the Shores and Banks. Harcourt , Brace and World, New York, 1960. 187 p.

Useful guide for observing, gathering and studying a variety of plants and animals in shallow, fresh and salt waters.

Furlong, Marjorie and Virginia Pill. Edible? Incredible ! Pondlife. Naturegraph Publishers, Happy Camps, Calif. , 1972. 95 p.

Photographs and text describes pondlife and how to prepare as food. Helpful hints on where to find species.

Klots, E.B. A New Field Book of Freshwater Life. G. P. Putnam and Sons, New York, 1966.

Excellent descriptions and line drawings of a wide variety of wetland plants and animals. Stresses invertebrates.

Reid, G.K. Pondlife. Golden Nature Guide series. Golden Press, New York, 1967. 160 p.

The best pocket guide to life in and around ponds and streams. Packed with color drawings.

Sisson, Edith A. Nature With Children of All Ages. Prentice-Hall, Englewood Cliffs, N.J., 1982. 195 p.

Teaching tips and activities on plants, seeds, trees, invertebrates, fish, amphibians, birds and mammals. Overall guidelines for taking children into the out-of-doors as well as step-by-step plans on specific topics.

Snow, John O. Secrets of Ponds and Lakes. Guy Garrett Publishing Co., Portland, Maine, 1982. 94 p.

Interesting facts and stories written for the East Coast but also applicable to Alaska. Author an avid naturalist and high school biology teacher . Illustrated with line drawings and black-and-white photographs.

UNIT 5: FISH

Children's Literature :

Beauregard, Sue and Jill Fairchild. Open Ocean Fish and Coral Reef Fish. Cypress Press, Mankato, Minn., 1977. 32 p.

Sea Library series. Photographs illustrate simple, informative, large-print narrative.

Figdor, George and Barbara Figdor. Salmon Fishing. State of Alaska Dept. of Education, Educational Program Support Section, Juneau, 1978. 48 p.

Excellent photographic illustrations and creative text explaining what is involved in commercial salmon fishing.

Goffstein, M.B. Fish for Supper. Dial Press, New York, 1976. 31 p.

Grandmother's day fishing from 5 a.m. breakfast to cooking the fish for dinner. Charming, simple text accompanied by Caldecott honor illustrations.

Lionni, Leo. Fish is Fish. Pantheon Books, New York, 1970. 32 p.

A fish imagines the world outside the pond as described by a frog. Engaging illustrations.

Lionni, Leo. Swimmy. Pantheon Books, New York, 1968. 28 p.

Swimmy, the sole survivor of a tuna's predation on his school, searches the ocean for another school. His search discovers many wonders of the ocean and the realities of predation. Interpreted in enchanting water-colors.

McGovern, Ann. Sharks. Illustrated by Murray Tinkelman. Four Winds Press, New York, 1976. 47 p.

Easy-to-read text explains basic information about sharks.

Phleger, Fred. Red Tag Comes Back. Illustrated by Arnold Lobel. Harper and Row, New York, 1961. 64 p.

Fictional life of a salmon tagged by a scientist. An Easy to Read book.

Selsam, Millicent E. A First Look at Fish. Illustrated by Harriet Springer. Walker and Co., New York, 1972. 32 p.

See-and-do book teaches similarities and differences between several kinds of fish.

Shaw, Evelyn. Fish Out of School. Illustrated by Ralph Carpentier. Harper and Row, New York, 1970. 60 p.

Behavior of fish schools and underwater life woven into story of a herring lost from its school. A nicely illustrated I Can Read book.

Spizzirri, Linda ed. An Educational Coloring Book of Fish, An Educational Coloring Book of Prehistoric Fish, An Educational Coloring Book of Sharks. Spizzirri Publishing Co., Medinah, Ill., 1981.

Full-page pictures of animals in underwater settings. Facing pages provide information in outline format.

Walcott, Patty. Tuna Fish Sandwiches. Addison-Wesley, Reading, Mass. 2 p.

Attractive illustrations. Ten words engagingly explain an ocean food chain, with humans as the ultimate users.

Waters, John F. Hungry Sharks. Illustrated by Ann Dalton. Thomas Y. Crowell Co., New York, 1973. 33 p.

Sharks' eating habits, sensory perceptions, and eating instincts simply explained. Mood-setting illustrations.

Waterton, Betty. A Salmon for Simon. Illustrated by Ann Blades. Antheneum, New York, 1980. 27 p.

Simon tries to return a salmon, dropped into a tidepool by an eagle, to the sea. His endeavors introduce the reader to various features of the ocean environment.

Wheeler, Alwyne. Fishes. Usborne Publishing, London, 1982. 24 p.

Superb descriptions of fish and their adaptations. Gorgeous color drawings, simple story line.

Teachers Reference :

Alaska Geographic Society (Box 4-EEE, Anchorage, AK 99509). Vol. 10, No. 3, 1983, Alaska's Salmon Fisheries. Jim Reardon, ed.

Excellent description of Alaska's salmon fisheries. Many photographs.

Alaska Sport Fish Identification Handbook. Alaska Dept. of Fish and Game (free from Public Communications Section, P. O. Box 3-2000, Juneau, AK 99801).

Explains basic fish anatomy and how to identify common fresh and salt-water sport fish. Includes line drawings and weight information.

Alaska Wildlife Notebook Series. Alaska Dept. of Fish and Game, Juneau.
1980. (free)

Portfolio of 60 one-page sheets on fish and other animal species. Excellent line drawings and range maps.

Browning, Robert J. Fisheries of the North Pacific: History, Species, Gear and Processes. Alaska Northwest Publishing Co. , Anchorage, 1974.
408 p.

Good overview of all aspects of commercial fishing in the North Pacific. Covers Alaska commercial fishing species, vessels and gear, as well as fisheries management, processing and marketing.

Childerhose, R.J. and M. Trim. Pacific Salmon and Steelhead Trout. University of Washington Press, Seattle, 1979. 158 p.

Large picture-book format detailing salmon species, life cycles, hatchery techniques and pollution problems. Color photos.

Commercial Fish Species of the Pacific West Coast and Alaska. Alaska Fisheries Development Foundation, Anchorage. 1982. 56 p.

Fact-filled booklet with beautiful water colors of fish species, line drawings of fishing gear, and range maps. Written in English, French, German, Spanish and Japanese.

Cooperative Extension Service, University of Alaska, Fairbanks, AK 99701.

P-468 Easy Steps for Canning Salmon (12 p.)
P-24 Pickling Fish (4 p.)
P-25 Smelt (4 p.)
P-26 To Salt Fish (2 p.)
P-27 The Fisherman Returns (67 p.) (cookbook)
P-128 Pressure Canning Alaska Fish at Home
P-229 All About Alaskan Clams (2 p.)
P-040 Hypothermia - Cold Blooded Killer (26 p.)

Useful pamphlets on fish and fishing.

Davis, J. Charles. Fish Cookery. A.S. Barnes and Co., South Brunswick, N.J., 1967. 226 p.

A surprising collection that, in addition to good advice on standard fish cooking, gives many interesting and exotic recipes. If you bring anything home from fishing--from an octopus to a whale--this will tell you how to prepare it.

Dennon, Jerry. The Salmon Cookbook. Pacific Search Press, Seattle, 1978. 127 p.

In addition to giving many delicious recipes, this book discusses cooking and cleaning techniques, and goes into the history, spawning and migration patterns of salmon. Highlighted with pen and ink drawings.

Hart, John L. Pacific Fishes of Canada. Bulletin 180, Fisheries Research Board of Canada, Ottawa, 1973. 740 p.

Best reference available for Alaska saltwater fish. Detailed species descriptions and illustrations.

Hartman, Wilbur L. Alaska's Fishery Resources : The Sockeye Salmon. Fishery Leaflet 636, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle, 1971. 8 p.

Presents information on the life history and management of the sockeye salmon. Contains a good graphic of the salmon's life cycle.

Lynch, Kathleen. Fishwheels and How to Build Them. Illustrated by the author. Adult Literacy Lab, Anchorage Community College (2533 Providence Avenue, Anchorage, AK 99504), 1979. 45 p.

Excellent description of fishwheels. Large print with ample illustrations.

Meltzer, Michael. The World of the Small Commercial Fishermen: Their Lives and Their Boats. Dover Publications, New York, 1980. 88 p.

Describes the life histories and harvesting methods for Pacific salmon, New England lobster, cod, halibut, whitefish, tuna, menhaden, mollusks and crustaceans. Includes some first-person narratives. Chapters on fishing vessels, fishing gear, and ethnic fishing communities. Many good photographs, engravings and drawings.

Morrow, James E. Freshwater Fishes of Alaska. Alaska Northwest Publishing co., Anchorage, 1980. 248 p.

Describes distinctive characteristics, range, abundance, and habits of freshwater species and their importance to humans. Includes line drawings and maps of the range of each species in Alaska, plus a selection of color photographs.

Morrow, James E. Illustrated Keys to the Freshwater Fishes of Alaska. Alaska Northwest Publishing Co., Anchorage, 1974. 78 p.

Handy field guide. Line drawings and brief descriptions.

Reid, Gerald M. Alaska's Fishery Resources: The Pacific Herring. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Seattle (for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402).

Good source of information on the life cycle, biological characteristics, and population dynamics of herring as well as on the commercial herring industry itself. Lacks information, however, on the Bering Sea herring fisheries.

Scott, William B. and E. J. Crossman. Freshwater Fishes of Canada. Bulletin 184, Fisheries Research Board of Canada, Ottawa, Canada, 1973. 966 p.

Detailed descriptions and line drawings of fish and their ranges (includes Alaska).

Stewart, Hilary. Indian Fishing: Early Methods on the Northwest Coast. University of Washington Press, Seattle, 1977. 188 p.

Numerous superb line drawings and photographs accompany text on the life of the people of the Northwest coast. Describes the use of hooks, lures, and floats, spears and harpoons, nets, traps and weirs; methods of cooking and preserving fish; songs, customs, and ceremonies.

Periodicals, Posters and Games:

Alaska Fish Tales and Game Trails, Alaska Dept. of Fish and Game (quarterly, free upon request to Public Communications Section, P. O. Box 3-2000, Juneau, AK 99801).

Game Fishes of Alaska. (Division of Sport Fish, P.O. Box 3-2000, Juneau, AK 99801.)

Colorful poster of many of the freshwater fishes of Alaska, including salmon.

Marine Fishes of the North Pacific (Stock no. 003-020-00051-7) and Mollusks and Crustaceans of the Coastal U. S. (Available from the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402 - Stock No. 003-020-00087-8).

Large, beautiful color posters depicting these animals in their habitats.

Marine Life Posters. Alaska Sea Grant College Program, University of Alaska, Fairbanks, AK 99701.

Blue-and-white line drawings of the life cycles of king crab, ocean perch, Pacific halibut, pink shrimp, and scallop.

National Bilingual Materials Development Center, University of Alaska (2223 Spenard Road, Anchorage, AK 99503).

Sets of 11" x 17" posters on fish and crustaceans, and bilingual books on a variety of topics.

Salmon Game. Western Education Development Group, University of British Columbia, Vancouver, Canada V6T 1W5.

Board game based on the salmon life cycle.

Salmon Kit, Alaska State Museum (Pouch FM, Juneau, AK 99811).

Salmon Legends. Alaska State Museum, Juneau.

Legends include "Nakani Stealing Fish" from Ingalik Mental Culture by Cornelius Osgood; "Red Stone Shaman Brings Back the Salmon" from Ingalik Social Culture by Cornelius Osgood; "Moldy End," Haida legend adapted from The Wolf and Raven: Totem Poles of Southeastern Alaska, by Viola Garfield and Linn Forrest; "The Prince Who Was Taken Away by the Salmon People," from Once Upon a Totem by Christie Harris; and "Coyote Helped the People" from Indian Legends of the Pacific Northwest by Ella E. Clark.

Salmon Posters. B.C. Wildlife Federation (5659 176th St., Surrey, BC V3S 4C5).

Full-color 18" x 21" posters of the five Pacific salmon species and steelhead.

Sharks of the World. National Geographic Society (17th and M Streets NW, Washington, DC 20036).

Source of a shark chart and a shark filmstrip.

Splash! National Park Service (709 W. 9th Street, Juneau, AK 99801).

Game on folding sheet of heavy 17"x22" paper that focuses on the hazards to migrating salmon. (Also available is a coloring book, Life of the Salmon, on the same topic.)

UNIT 6: AMPHIBIANS

Children's Literature:

Blassingame, Wyatt. Wonders of Frogs and Toads. Dodd, Mead and Co., New York, 1975. 80 p.

Descriptions of frogs and toads. Life cycles and categories of frogs explained in text and photographs.

Chenery, Janet. The Toad Hunt. Illustrated by Ben Shecter, Harper and Row, New York, 1967. 64 p.

Easy-to-read narrative about two little boys in their garden discovering frogs, toads and salamanders.

Hawes, Judy. Why Frogs are Wet. Illustrated by Don Madden. Thomas Y. Crowell Co., New York, 1968. 35 p.

Topics include variations in kind, size, ancestry, reproduction, growth and hibernation. A Let's Read and Find Out book, illustrated with vitality and humor.

Kepes, Juliet. Frogs Merry. Pantheon Books, New York, 1961. 28 p.

Light-hearted story discusses the interactions of pond life. Lively illustrations recreate a pond atmosphere.

Potter, Beatrix. The Tale of Jeremy Fisher. Dover, New York, 1974. 60 p.

The adventures of Jeremy the frog are chronicled in this classic, finely illustrated story.

Selsam, Millicent E. and Joyce Hunt. A First Look at Frogs, Toads and Salamanders. Illustrated by Harriet Springer. Walker and Co., New York, 1976. 32 p.

Classification of amphibians and distinguishing characteristics portrayed in clear text and simple drawings. Puzzles and matching game included.

Zim, Herbert S. Frogs and Toads. Illustrated by Joy Buba. William Morrow and Co., New York, 1950. 65 p.

Engaging storybook narrative provides information on eating, mating, sleeping and protection. Simple drawings and easily understood text.

Teacher's Reference :

See Unit 3 - pond references

Hodge, Robert P. Amphibians and Reptiles in Alaska, the Yukon and Northwest Territories. Alaska NW Publishing Co., Anchorage, 1976. 89 p.

Natural history and guide to identification. Range maps, photos and drawings.

Recordings :

Voices of the Night: The Calls of 34 Frogs and Toads of the United States of America. Produced by Peter Paul Kellogs and Arthur Allen. Houghton Mifflin Co. , Boston.

One croak after another.

UNIT 7: MARINE MAMMALS

Children's Literature :

Armor, Buris. Bully the Blue Whale. Illustrated by John Mack. Criterion Books, New York, 1964. 76 p.

Yearly cycle of blue whale. Information on size, food habits, predation by killer whale and humans.

Armour, Richard. Sea Full of Whales. Illustrated by Paul Galdone. McGraw-Hill Book Co., New York, 1974.

Humorous poems entertain and convey facts about blue, killer, humpback, finback, right, pilot and sperm whales, narwhals, dolphins and porpoises. Charming sketches.

Behrens, June. Whale Watch. Children's Press, Chicago, 1978. 32 p.

California schoolchildren on a whale watch learn about the habits and environment of the grey whales. National Geographic photos illustrate this easy reader picture book.

Benchley, Nathaniel. The Several Tricks of Edgar Dolphin. Harper and Row Publishers, New York, 1970. 63 p.

Edgar's curiosity and cleverness get him captured by men aboard a ship, and also leads to his escape. Funny, lively tale.

Bradey, Irene. Elephants on the Beach. Charles Scribner's Sons, New York, 1979.

Sketches and observations of a bull-elephant seal, his harem and calves. Done with warmth, humor and realistic details.

Bridge, Linda McCarter. The Playful Dolphins. Photos by Lowell George. National Geographic Society, 1976. 33 p.

Glorious color photographs and simple text.

Compere, Mickie. Dolphins. Illustrated by Irma Wilde. Viking Press, New York, 1967. 39 p.

Appealing and simple information on dolphin habits.

Conklin, Gladys. Journey of the Grey Whales. Illustrated by Leonard Fisher. Holiday House, New York, 1977. 39 p.

Follows the activities of a whale and her calf, from birth through migration, from Mexico to the Bering Sea.

Darling, Louis. Seals and Walruses. William Morrow and Co. , New York, 1955. 63 p.

Describes the lifestyles and habits of seals and walruses, and explains measures to protect them.

Davidson, Margaret. Dolphins! Illustrated by Irene Wilde. Four Winds Press, New York, 1964. 48 p.

Text for beginning readers. Many monochrome illustrations depict the life of the dolphin.

Fisher, Ronald M. Namu. Books for Young Explorers. National Geographic Society, Washington, 1973. 32 p.

True story of a killer whale caught in a fishing net and of its subsequent life in an aquarium. Photographs and simple text.

Goudey , Alice. Here Come the Dolphins. Illustrated by Garry MacKenzie. Charles Scribner Sons, New York, 1961. 94 p.

Dramatic presentation of scientific information. Details the way dolphins are trained. Accurate and lively drawings.

Hoff, Sydney. Walpole. Harper and Row, New York, 1977. 32 p.

The biggest walrus in the herd would rather play with baby walruses than be a leader. An Early I Can Read book.

Hurd, Edith. The Mother Whale. Illustrated by Clement Hurd. Little Brown and Co., Boston, 1972. 32 p.

Simple and precise language describes the cycle of mating, birth, and raising offspring. Illustrated with charming block prints.

Johnson, William Weber . The Story of Sea Otters. Random House, New York, 1973. 89 p.

A history of the sea otter and the fur trade. Includes background on otter habits.

Kavaler , Lucy. Life Battles Cold. John Day Co., New York, 1973. 160 p.

This discussion of the adaptations of animals, man and microbes to cold climates includes survival information and hibernation research.

Kaufman, John. Animal Travelers. Greenwillow Books, New York, 1977. 55 p.

This read-aloud book describes the migration of grey whales, as well as caribou, barn swallows, painted lady butterflies, etc.

King, Patricia. Mabel the Whale. Follett Publishing Co. , Chicago, 1958. 27 p.

Short, simple, true-life account of a whale's capture and its subsequent life at Marineland.

Kipling, Rudyard. How the Whale got his Throat. Illustrated by Don Madden. Addison-Wesley Reading, Mass., 1972. 30 p.

A wise and resourceful man keeps the whale from devouring all the fish in the sea. This is one of Kipling's classic Just So Stories, available in many different editions.

Lauber , Patricia. Sea Otters and Seaweed. Garrard Publishing Co. , Champaign, Ill. , 1976. 64 p.

Life history of the sea otter, and ecology of its kelp-bed home. Illustrated with photographs.

Marko, Katherine. Whales: Giants of the Sea. Abingdon, Nashville, 1980.

Simple, scientific information on whales.

McCloskey , Robert. Burt Dow, Deep-Water Man. Viking Press, New York, 1963. 63 p.

Old sea salt catches a whale by the tail and winds up in its stomach. Tale of boats, the ocean and marine life.

McDearmon, Kay. A Day in the Life of a Sea Otter. Dodd, Mead and Co., New York, 1973. 44 p.

A female sea otter's day nurturing of her offspring, searching for food, and escaping from a killer whale is followed. Illustrated with photographs.

McDearmon, Kay. Polar Bear. Dodd, Mead and Co. , New York, 1976. 46 p.

Life cycle and habitat of the polar bear described in story form. Illustrated with black-and-white photographs.

McDearmon , Kay. The Walrus : Giant of the Arctic Ice. Dodd, Mead and Co., New York, 1974. 45 p.

Follows the life of a female walrus and her calf. Good for sharing with the class.

McGovern, Ann. Little Whale. Illustrated by John Hamberger. Four Winds Press, New York, 1979. 43 p.

Describes the life of a humpback whale from birth to adulthood. Includes a glossary of whale words and a note about the danger of whale extinction. Attractive illustrations in earth tones.

Mites, Miska. Otter in the Cove. Illustrated by John Schoenberr. Little, Brown and Co., Boston, 1974. 47 p.

A fisherman wants to destroy otters because they eat fish and abalone. His daughter wants to save them.

Morris, Robert A. Dolphin. Illustrated by Mamoru Funai. Harper and Row, New York, 1975. 62 p.

Birth and growth of a dolphin focuses on nurturing by the mother and protection by the pod. Sensitive drawings illustrate this Science I Can Read book.

National Geographic Society. Amazing Animals of the Sea: Marine Mammals. Washington, D.C., 1981. 104 p.

Discusses the characteristics and habits of the whale, dolphin, manatee, sea otter, sea lion, seal and other marine mammals. Beautiful photographs illustrate text, which is accompanied by a classroom activities folder that includes puzzles, games, worksheets and related activities.

Overbeck, Cynthia. Splash the Dolphins. Carolrhoda Books, Minneapolis, Minn., 1976.

Brief facts about dolphins and their habits. Translated from French, illustrated with photographs.

Phleger, Fred. The Whales Go By. Random House, 1954. 62 p.

An I Can Read beginner book about the life history of the gray whale.

Pluckrose, Henry, ed. Whales. Gloucester Press, New York, 1974. 28 p.

Simple text describes whales and dolphins. Color illustrations.

Roy, Ronald. A Thousand Pails of Waters. Illustrated by Vo-Dinh Mai. Alfred A. Knopf, New York, 1978.

The son of a Japanese fisherman does not understand why his father kills whales. He sets about trying to save a beached whale by keeping the whale wet until the tide returns. Pencil and wash illustrations.

Selsam, Millicent. A First Look at Whales. Illustrated by Harriett Springer. Walker and Co., New York, 1980. 32 p.

Classification, general attributes and distinguishing characteristics of whales and fish. Text and black-and-white drawings encourage observation.

Alaska Wildlife Notebook Series. Alaska Dept. of Fish and Game, Juneau.

Excellent descriptions of Alaskan animals, including marine mammals. Includes feeding habits, range, life histories. Illustrated with line drawings. Accompanied by teacher's activity units.

Daugherty, Amita E. Marine Mammals of California. California Dept. of Fish and Game, Sacramento, 1972. 91 p.

Excellent pocket-sized paperback that describes each species. Illustrated with line drawings and a few photographs.

Dozier, Thomas A. Whales and Other Sea Mammals. Time-Life Films, 1977. 128 p.

Picture-book format, with beautiful color photos. Text based on the television series "Wild, Wild World of Animals."

Ellis, Richard. The Book of Whales. Alfred A. Knopf, New York, 1980. 202 p.

Comprehensive coverage of whale species worldwide. Large format with line drawings and color paintings.

Haky, Delphine, ed. Marine Mammals of Eastern North Pacific and Arctic Waters. Pacific Search Press, Seattle, 1978. 256 p.

Written by 21 marine mammal authorities for general audiences. Includes photos, line drawings, and distribution maps.

Kelly, John. The Great Whale Book. The Center for Environmental Education, Acropolis Books, Wash., D.C., 1981. 116 p.

A good synopsis of the whale species and their status.

Laycock, George. Beyond the Arctic Circle. Four Winds Press, New York, 1978. 116 p.

Describes northern animals, Arctic regions, Alaska development, and Eskimo life.

Lewin, Ted. World Within a World - Pribilofs. Dodd, Mead and Co., New York, 1980. 76 p.

Describes animals of the Pribilof Islands with emphasis on seals.

McIntyre, Joan. Mind in the Waters: a Book to Celebrate the Consciousness of Whales and Dolphins. Charles Scribner's Sons, New York, 1974. 240 p.

Covers topics ranging from myths to brain anatomy to the International Whaling Commission.

Shaw, Evelyn. Sea Otters. Illustrations by Cheryl Pape. Harper and Row, New York, 1980. 64 p.

An I Can Read book on how a mother sea otter takes care of her baby pup and teaches him to be independent. Examines eating, sleeping and protection. Illustrations of animals and kelp-bed home in blue, gold and gray.

Spizzirri, Linda, ed. An Educational Coloring Book of Whales. Spizzirri Publishing Co., Medinah, Ill., 1981.

Full-page pictures of whales in their environments. Facing pages provide outline information.

Steig, William. Amos and Boris. Puffin Books, New York, 1977. 32 p.

Story of how two fellow mammals, a whale and a mouse, come to each other's rescue.

Strange, Florence. Rock-A-Bye Whale. Manzanita Press, Rafael, Calif., 1977. 32 p.

Baby humpback's birth and first few days of life. Learning stages and struggles detailed in text accompanied by monoprints.

Waters, John F. Seal Hunter. Frederick Warne and Co., New York, 1973. 47 p.

A boy in Maine observes and learns about harbor seals.

Waters, John F. Some Mammals Live in the Sea. Dodd, Mead and Co., New York, 1972. 96 p.

Clear, concise text and black-and-white photographs examine habits of sea mammals including seals, otters, and dolphins.

Winnick, Karen B. Sandra's Dolphin. William Morrow and Co., New York, 1980. 56 p.

An easy reader based on an old folk tale from the Mediterranean. A boy's life is saved by a young dolphin.

Teacher's Reference:

Alaska Whales and Whaling. Alaska Geographic Society, Anchorage, AK. Vol. 5, No. 4.) 1978. 143 p.

Species-by-species accounts of Alaska whales and whaling history. Photographs, drawings and range maps complement the text.

Schad, Marsha C. A Field Guide to the Marine Mammals of Alaska. National Marine Fisheries Service (P.O. Box 1668, Juneau, AK 99802), July 1978.

Informative pamphlet with brief descriptions and simple line drawings.

Simon, Seymour, Life on Ice: How Animals Survive in the Arctic. F. Watts, New York, 1976. 65 p.

Survival of arctic animals despite extreme weather conditions and human threats.

Storehouse, Bernard. Animals of the Arctic; The Ecology of the Far North. Holt, Rinehart and Winston, New York, 1971. 172 p.

Story of northern ecology. More than 200 color plates of Arctic animals, past and present.

Charts and Records:

Buffy the Sea Otter and Baleena the Blue Whale. Whale Gifts, Center for Environmental Education (2100 M Street, N. W. , Washington, DC 20037).

Tapes and accompanying 16-page children's book.

Callings. Produced by Paul Winter. Two records and booklet of photos, narrative, and background on each species.

Traces the mythic journey of a sea lion pup that encounters other marine mammals. The animal's voice mingles with Winter's music.

Deep Voices : The Second Whale Record.

Includes two entirely new humpback songs, plus right and blue whale sounds.

Marine Mammals of the Western Hemisphere. National Oceanic and Atmospheric Administration. (Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402 - Stock no: 003-020-00087-8).

Marine mammal chart with full-color scale drawings of whales, dolphins, and seals.

Ocean of Song: Whale Voices

Features a variety of unique songs, ocean waves, sea birds.

Songs of the Humpback Whales. Produced by Roger and Katy Payne. Capitol ST 620, 1970.

Classic recording of the great range and variety of humpback communications.

Whales and Nightingales, “Farewell to Tarwathie ,” by Judy Collins, Elektra, 1970.

Haunting musical combination of whale sounds and lyrics.

UNIT 8: FRESHWATER MAMMALS

Children's Literature :

Allen, Laura Jean. Ottie and the Star. Harper and Row, New York. 32 p.

An Early I Can Read book about a river otter and his search for a star.

Cork, Barbara. Wild Animals. Usborne First Nature Books, Hayes Books, Tulsa, Okla. , 1982. 24 p.

Charming and scientifically accurate portrayal of mammals, their lives, and their distinguishing characteristics. Text interspersed with appealing drawings.

Freschet , Berniece. Year on Muskrat Marsh. Illustrated by Peter Parnall. Charles Scribner Sons, New York, 1974. 56 p.

A chronicle of the marshlands. The rhythm of the changing seasons and their effect on the marsh inhabitants.

Grahame, Kenneth. The Wind in the Willows. The Heritage Press, New York, 1966. 190 p.

Classic children's tale first published in 1908 describes the riverside adventures of Mole, Toad, Water Rat and friends.

Harris, Lorle. Biography. of a River Otter. Illustrated by Ruth Kirschner . G.P. Putnam's Sons, New York, 1978. 62 p.

Easy-to-read book describes habits and behavior of a mother otter and her babies in their first year of life.

Kingsley, Charles. The Water Babies: A Fairy Tale for a Land-Baby. Henry Altners Co., Philadelphia. 284 p.

Classic of children's literature tells story of Tom, an over-worked chimney sweep in England, who becomes a water baby in an enchanted undersea world.

McClung, Robert M. Animals that Build Their Homes. National Geographic Society, Washington, D. C. , 1976,

Beavers are examined along with crabs, sticklebacks, flamingos and other home building animals. Basic text and color photographs.

Miles, Miska. Beaver Moon. Little, Brown and Co., Boston, 1978. 31 p.

Survival is the theme of this story of an old beaver's flight from his former lodge. Pond community including bobcat, bear and muskrat also introduced.

Schwartz, Elizabeth and Charles. When the Water Animals are Babies. Illustrated by Charles Schwartz, Holiday House, New York, 1970. 33 p.

Babies and their care described. Illustrations show natural habitats of animals that either live in water or depend on water for food--including muskrat, loon, octopus and manatee.

Tresselt, Alvin. The Beaver Pond. Illustration by Roger Duvosin. Lothrop, Lee and Shepard, New York, 1970. 32 p.

Simple, poetic description follows construction of beaver pond and interdependence of animals.

Teacher's Reference :

Alaska Wildlife Notebook Series. Alaska Dept. of Fish and Game, Juneau.

Descriptions of Alaska animals; includes games based on lives of fresh-water-related animals such as as beaver, muskrat, river otter, moose. Provides feeding habits, range, life histories. Illustrated with line drawings. Accompanied by teacher's activity units.

Burt, W.H. A Field Guide to the Mammals. Peterson Field Guide series. Houghton Mifflin Co., Boston, 1964. 284 p.

Excellent descriptions, pictures, and range maps of mammal species found north of Mexico.

Murie, Olaus J. A Field Guide to Animal Tracks. Peterson Field Guide series. Houghton Mifflin Co., Boston, 1975. 375 p.

Describes tracks and other animal signs. Fascinating stories, many of which take place in Alaska. Illustrated by line drawings.

UNIT 9: FROM WETLANDS TO THE SEA

Teacher's Reference :

British Museum of Natural History. Nature at Work. British Museum, London, 1978. 84 p.

Exquisitely illustrated book explaining ecological concepts and habitats.

Headstrom, Richard. Adventures with Freshwater Animals. Illustrated by the author. Dover Publications, New York, 1964. 217 p.

An adult helps a child on 47 adventures to a nearby pond or stream. Written for the Lower 48, but includes many Alaska animals.

Horwitz, E.L. Our Nations Wetlands. An Interagency Task For Report, 1978. 70 p. (Available from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402 - Stock No. 041-011-0045-9).

Describes various types of wetlands and their importance nationally. Many photos and drawings.

Iker, Sam. Look What We've Done to Our Wetlands. National Wildlife, June-July 1982. Vol. 20. 4 p.

Describes wetland importance and losses nationwide. Color photographs.

Niering, William A. The Life of the Marsh. McGraw-Hill Book Co., New York, 1966. 232 p.

Stresses ecological relationships. Color photos and fine-line drawings. One of our Living World of Nature Series developed in cooperation with The World Book Encyclopedia.

Updegraff, Imelda and Robert. Rivers and Lakes. Puffin Books, Penguin Books, New York, 1980. 24 p.

Explains basic concepts of rivers, lakes, glaciers, in large print on colorful pages. Gives worldwide examples and includes a few activity ideas. Lists only advantages of dams.

Updegraff, Imelda and Robert. Seas and Oceans. Puffin Books, Penguin Books, New York, 1980. 24 p.

Explains basic concepts of seas, oceans, and sea ice, in large print on colorful pages. Gives worldwide examples and includes a few activity ideas.

Usinger, Robert L. The Life of Rivers and Streams. McGraw-Hill Book Co., New York, 1967. 232 p.

Stresses ecological relationships. Color photos and fine-line drawings. One of our Living World of Nature Series developed in cooperation with The World Book Encyclopedia.