

Bibliography

Compiled by Nancy Barr, Belle Mickelson, and Dr. Earl Clark, Associate Professor, University of Alaska, Juneau, and his students Patricia Muchnick and Chris Winter.

For additional suggestions of books on fish and fisheries and other Sea-Week related stories, consult these two excellent annotated bibliographies:

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

We have included several selections from these two sources plus from the following two out-of-print bibliographies.

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

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

Children's Literature:

Additional easy reading fish books are found in Volume 1 of the Sea Week Curriculum Series.

Adkins, Jan. The Craft of Sail. Illustrated by author, Walker & Co., NY., 1973. 64 p.

Aesthetically pleasing, carefully detailed study of sailing vessels that includes charts that show various kinds of sails, knots, chart symbols, as well as engineering principles written and illustrated so even the youngest reader can understand.

Altman, Margery. Jaws 2 Sharks: Everything That's Good and Bad About Them. Illustrated by Tony Talarico, Grossett & Dunlap, NY, 1978. 62 p.

Questions asked by some Connecticut high school students together with answers and line drawings to color.

Angel, Heather. The World of a Stream. Illustrated with photographs and line drawings. Faber and Faber, Salem, NH, 1976. 128 p.

An information book about the plants and animals which live in streams.

Boudreau, Norman (ed.). Old Fourlegs, a 'Living Fossil'. National Museums of Canada, Ottawa, Canada K1A 0M8, 1976. 8 p.

Background information and directions for making a paper sculpture of an ancient fish, the coelacanth. Text and directions are in both English and French.

Buehr, Walter. Sea Monsters. Illustrated by the author. Archway Paperbacks, Simon & Schuster, NY, 1970. 113 p.

An information book written as literature which serves as a good starting point for children interested in studying sea creatures. Gives the history of "monster" sightings from the middle ages through the Loch Ness Monster. An honest interpretation of monsters as they have been perceived by people since earliest times.

Bernard, Christine. The Book of Fantastic Boats. Illustrated by Roy Coombs. Golden Press, 1974. 30 p.

Magnificent color plates dominate each page. The brief text contains facts and trivia to intrigue students. The picture of each boat is captioned with date, country of origin, size and prominent feature or use.

Burton, Maurice. The Life of Fishes. Golden Press, NY, 1974. 62 p.

Discusses fishes from the earliest known and illustrates them with full color drawings. Includes interesting descriptions of how a paleontologist works, the results of pollution, and how to set up and maintain an aquarium. Discusses evolution, life cycles, anatomy, food chains and pyramids.

Bleeker, Sonia. The Sea Hunters - Indians of the Northwest Coast. Illustrated by Althea Karr. William Morrow & Company, NY, 1951. 159 p.

Effectively portrays the life of the Northwest Coast Indians before the coming of the white man. Subjects range from salmon fishing to food preservation and sea otter, sea lion, seal, deer and bear hunting. Illustrations are numerous and depict the regional area and customs.

Blumberg, Roda. Sharks. Franklin Watts, Inc., N.Y., 1976.

Tells about sharks and rays and how they hear, see, mate, and eat. Scary photographs, exciting text.

Brindze, Ruth. The Rise and Fall of the Seas: The Story of Tides. Illustrated by Felix Cooper. Harcourt, Brace & World, Inc., 1964. 91 p.

Good introduction to causes, effects, dangers, and uses of tides. Illustrated with black-and-white photographs and diagrams.

Buck, Margaret Waring. In Ponds and Streams. Abingdon Press, 1955. 77 p.

A specialized reference book giving an overview of many facets of pond and stream life. Different types of plants, worms, snails, insects, fishes, mammals, etc., are illustrated and discussed. Specifically deals with the northeastern part of the U.S., but is still useful for Alaskans.

Burger, Carl. All About Fish. Random House, N.Y., 1960. 139 p.

Very interesting and well written text which begins by comparing fish with other living creatures. Discusses fish origins; serpents and monsters; and fish oddities. Includes both salt and fresh water fish. Describes commercial and sport fishing.

Clemons, Elizabeth. Waves, Tides and Currents. Illustrated with maps, diagrams and photographs. Alfred A. Knopf, NY, 1967. 112 p.

Explains what a tide is and accurately describes the difference between an ebb tide and flood tides; what causes the tides; and the effect of currents in the oceans.

Cole, Joanna and Jerome Wexler. A Fish Hatches. Wm. Morrow & Co., N.Y., 1978. 39 p.

Photographically illustrated description of life of a hatchery trout from egg onward. Discusses importance of scales, gills, sensory organs and explains in detail how a fish swims.

Cole, William. The Sea, Ships and Sailors. Illustrated by Robin Jacques. Viking, NY, 1967. 236 p.

A Grant collection of marine poetry and songs with the rhythm of the men working on the ships, the intrigue of the strange lands they visit and the exciting adventures they have.

Cousteau, Jacques. A Sea of Legends: Inspiration From the Sea. World Publishing, NY, 1973. 144 p.

A collection of sea legends from our earliest history in a lovely, oversized book. Part of "The Ocean World of Jacques Cousteau." Beautifully illustrated with prints, full-color photographs, and drawings.

Cousteau, J-Y. and P. Cousteau. The Shark: Splendid Savage of the Sea. Doubleday, 1970.

Another entertaining book by the French team that originated and has so effectively publicized SCUBA. Consists primarily of anecdotes, but has the excellent photos and poetic prose typical of the Cousteau clan.

Figdor, George and B. Figdor. Salmon Fishing. George Figdor, Box 612, Haines, Alaska 99827. 48 p.

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

Fletcher, Alan Mark. Fishes and Their Young. Illustrated by Allan Eitzen. Addison-Wesley, 1974. 46 p.

Tells how fish vary enormously in the amount of care they give to their young - from none at all to a considerable degree of protection. Covers many kinds of fish with good illustrations.

Fletcher, Alan Mark. Fishes Dangerous to Man. Illustrated by Jane Teiko Oka and Willi Baum. Addison-Wesley, 1969.

Categorizes fishes dangerous to man into those which shock, bite, sting, or are poisonous to eat. Short descriptive stories of persons who have had close calls with these frightening animals are followed by informational passages. Black-and-white illustrations are dramatic and well designed.

Fletcher, Alan Mark. Fishes that Hide. Illustrated by Jean Day Zallinger. Addison-Wesley, 1973.

Explains how fish are camouflaged to obtain food or escape enemies by various shapes and markings and by coloring, transparency, counter-shading, or changing colors.

Fletcher, Alan Mark. Fishes that Travel. Illustrated by Michael Eagle. Addison-Wesley, 1971. 48 p.

Describes the migration of some species of fish and unusual methods of locomotion of others, including flying fish and fish which travel on land.

Garret, Maxwell R. The Science-Hobby Book of Boating. Lerner Publications, 1974. 55 p.

Gives basic instructions for canoeing, rowing, sailing and power boating in this clearly-written and profusely-illustrated book. Emphasizes safety and techniques. Includes information on navigational aids, buoys, running lights, signaling and nautical "rules of the road."

Goetz, Delia. Lakes. William Morrow and Co., N.Y., 1973. 66 p.

Focuses on various aspects of lakes: their origins, life cycles, and plants and animals associated with them. Mentions people's use of lakes thousands of years ago and today, including pollution. Soft greenish and charcoal colored illustrations heighten the attraction of the text.

Goetz, Delia. Rivers. Illustrated by John Kaufmann. Wm. Morrow & Co., 1969. 63 p.

An exploratory book about the rivers of the world. Discusses history as well as how they are formed. Mentions some famous rivers and points out the need for river conservation and water pollution controls. Illustrated with black-and-white drawings.

Gracza, Margaret. The Ship and the Sea in Art. Designed by Robert Clark Nelson. Lerner Publications Co., 1969. 64 p.

Covers ships and the sea in art through the ages, from Egyptian bas-relief of boats on the Nile to Jacques Lipschitz' cubist Sailor with Guitar. Combines art appreciation with an introduction to nautical terminology and history.

Harris, Christie. Once Upon a Totem. Atheneum, New York, 1973. 195 p.

Includes the story "The Prince who was Taken Away by the Salmon," a tale about the disappearance and return of salmon to rivers of the Northwest.

Hausamnn, Leon A. Beginners' Guide to Fresh-Water Life. G.P. Putnam's Sons, 1950. 128 p.

Brief descriptions of freshwater critters accompanied by black-and-white line drawings.

Higgins, Art. Inside an Alaskan Cannery. Art Higgins, Juneau, Alaska (printed by Alaska Litho), 1972. Approximately 50 p.

Describes salmon and crab cannery processing in Alaska with a series of pen and ink drawings and brief text.

Holling, Holling Clancy. Paddle-to-the-Sea. Houghton Mifflin Co., 1941.

An excellent book about the flow of water from the snow on a mountain-top to salt water in the ocean. Traces the voyage of a canoe carved by a young Indian boy from the Great Lakes to the Atlantic Ocean. Wonderful text and illustrations.

Jacobsen, Daniel. The Fishermen. Franklin Watts, N.Y., 1975. 87 p.

Describes life, customs, history of Indians of America's Northwest coast with emphasis on the Tlingit. Includes information on land claims and Tlingit life today.

Kipling, Rudyard. Captains Courageous. Doubleday, NY, 1897. 322 p.

Classic sea adventure filled with sea imagery. Written when Kipling was living in the United States.

Latham, Jean Lee. Carry On, Mr. Bowditch. Illustrated by John O'Hara Cosgrave II. Houghton Mifflin, Boston, 1955. 251 p.

In a true sea adventure describes Nathaniel Bowditch life in Salem in the 1700s. Through hard work and much study, he gets to sail with a crew. He discovers new ways of navigation, and he is, in all ways, a model to emulate.

Liss, Howard. Fishing Talk for Beginners. Illustrated by Leonard Cole. Julian Messner, New York. 1978. 96 p.

Detailed information in dictionary form about various aspects of sport fishing. Includes drawings showing spinning, surf casting and fly fishing and their associated lures. Explains types of fish and how to measure them.

Matteson, George. Draggermen: Fishing on Georges Bank. Four Winds Press, NY, 1979. 138 p.

Describes a stern trawler and the men who fish from her on Georges Bank off the New England coast. Matteson accompanied the crew on an actual voyage and tells of their work with care, craft and compassion. The four man crew works as a team; each knows exactly what his task is, and the captain works as hard as the men; profits are shared identically. Tells how they find where the fish are, how they make the catch, what things can go wrong when the net is dragging the bottom, how the fish are separated and the deck cleaned.

MacGregor, Ellen. Miss Pickerell Goes Undersea. Illustrated by Paul Galdone. McGraw-Hill Book Co., N.Y., 1953. 125 p.

Describes sonar, atomic-powered submarines, and under-the-sea salvaging in a fun way. The unpredictable Miss Pickerell uses these things in the recovery of her priceless Mars rocks that were being transported on a ship that sank.

MacGregor, Ellen and Dora Pantell. Miss Pickerell Harvests the Sea. Illustrated by Charles Geer. McGraw-Hill, NY, 1968. 144 p.

Tells about how Miss Pickerell's friend opens a sea diner and his menu depends on seaweed, algae and other things from his ocean farm. When it stops producing, Miss Pickerell helps solve the mystery.

McGovern, Ann. Sharks. Illustrated by Murray Tinkelman. Four Winds Press, N.Y., 1976. 47 p.

Presents a great deal of information with question-answer format and attractive black and white illustrations.

Mundie, Rosemary and Colin. The Story of the Sailing Ship. Exeter Books, New York, 1975. 152 p.

Exquisitely illustrated large format book which details sailing ships round the world from the past and present.

Nordhoff, Charles and James Normal Hall. Mutiny on the Bounty. Little, Brown, Boston, 1960 (reprint 1932 ed.). 384 p.

Details the famous late 18th Century mutiny.

Onmanney, F.D. The Fishes. Time-Life Books, NY, 1967. 128 p.

A marvelous, descriptive text with pictures of fish, their life habits and how food is harvested from the oceans. Illustrated with full color photographs, maps and drawings.

Oxford Scientific Films. The Stickleback Cycle. Photographs by David Thompson. G.P. Putnam's Sons, N.Y., 1979. 27 p.

Explains the life cycle of the stickleback with a short introductory text and clear, outstanding close-up photos.

Parnall, Peter. The Great Fish. Illustrated by the author. Doubleday, NY, 1973, n. pag.

Charlie is an Indian boy who listens to his grandfather's stories about how their land developed. One of the best is about the salmon that always returns to the land of the Indians to spawn. Has a strong ecology statement. Beautifully illustrated in black and white.

Paul, Frances Lackey. Kahtahah. Illustrated by Rie Munoz. Alaska Northwest Publishing Co., Anchorage, Alaska, 1976. 109 p.

Originally written in 1938 for a fourth-grade class. Based on the real life of a 19th century Tlingit girl. Includes several sea-related legends, as well as information on traditional fishing. Wonderful illustrations.

Peck, Christopher. The Scholastic Fun Fact Book of Underwater Worlds. Scholastic Book Services, N.Y., 1977. 32 p.

Packed with facts, full-color illustrations, and diagrams of sea creatures and underwater exploration voyages.

Pedersen, Elsa. Alaska Harvest. Illustrated by Kurt Werth. Abington Press, N.Y., 1960. 192 p. Out of print (check your library).

Story of a family's life on a crab boat in Kachemak Bay. High catches cause many others to accuse them of pirating. The resulting bravery and determination prove their honesty, gain their respect in Seldovia, and earn them a house for their mom's return from the hospital.

_____. Cook Inlet Decision. Illustrated by Walter Ferro, Atheneum, N.Y., 1963. 203 p. Out of print (check your library).

Story of Gregor, an orphaned half Norwegian, half Aleut teenager who tries his luck as an independent fisherman in Cook Inlet. Action packed events give birth to thoughtful reflections by Gregory, who changes considerably through his experiences.

_____. Fisherman's Choice. Illustrated by Alvin Smith. Atheneum, N.Y., 1964. 182 p. Out of print (check your library).

Story of Dave Moffitt's job on a crab boat. Mystery, intrigue, and constant adventure that lead to Dave growing from a boy to a man.

_____. Petticoat Fisherman. Atheneum, N.Y., 1969. 231 p. Out of print (check your library).

Alaskan fishing out of Seldovia forms part of a girl's growing from teenager to adult.

Phleger, Fred. Red Tag Comes Back. Illustrated by Arnold Lobel. Harper & Row, N.Y., 1961. 64 p.

Teaches the life cycle of a salmon with a simple story line.

Pringle Lawrence. This is a River: Exploring an Ecosystem. Macmillian Pub. Co., Inc., 1972. 55 p.

Presents the river as a flowing-water ecosystem. Of note are drawings of stream animals found under a stone, a diagram showing a food web, and another drawing illustrating types of life present in the water in relation to the amount and location of industrial pollution.

Reekie, Isabel M. Red Paddle. Illustrated by Dennis Hutchins. Mitchell Press, Vancouver, 1968. 99 p.

Partially fiction, set among real people in a real setting, this tells of Dave's building a dugout canoe on Burrard Inlet in British Columbia before Vancouver became incorporated as a city.

Reid, George K. Pond Life. Golden Press, N.Y., 1967. 150 p.

The best simplified guide to life in and around ponds and lakes. Packed with color drawings. One of the Golden Nature Series.

Selsam, Millicent E. and Joyce Hunt. A First Look at Fish. Walker Publishing Co., N.Y., 1972. 32 p.

A simple look at what a fish is. Discusses unique structures and the diversity of shapes and sizes among fishes.

_____. A First Look at Sharks. Illustrated by Harriett Springer. Scholastic Book Services, N.Y., 1979. 32 p.

Compares sharks with fish and with each other. Makes the subject of shark identification clear and comprehensible for the novice of any age.

Soule, Gardner. Remarkable Creatures of the Sea. G.P. Putnam's Sons, N.Y., 1975. 96 p.

Deals with true stories of the odd, the enormous, and the mysterious. Leaves the reader disbelieving, yet wanting to hear from "fish stories." Presents the fish of the very deep, the largest invertebrates, fish that fish, tracks on the bottom, and over half a dozen others. Few black and white photographs, but fortunately, the writing is so descriptive that it allows the reader to visualize what is not pictured.

Stevenson, Robert L. Treasure Island. Dutton, NY, 1977. 161 p.

A classic written about 100 years ago. Still lures readers with its tale of intrigue, hidden treasure and brave and honest young men. Continues to entrance readers as they, like Jim Hawkins, are lured to the sea and to adventure.

Straker, Joan Ann. Animals that Live in the Sea. National Geographic Society, 1978. 32 p.

Designed to impress and awe the reader with vivid pictures and information. Pictures common fish and colorful tropical beauties, including a humorous clownfish and various anemones. A small amount of interesting factual information accompanies each full-color photograph.

Thompson, Donnis Stark. Mystery of the Alaska Fish Site. Illustrated by Jack Gaughan, Criterion Books, N.Y., 1966. 143 p. Out of print (check your libraries).

Todd, a Chicago boy, has traveled to Alaska to fish with his cousin Buff for the summer. Todd is exhausted by all the preparatory work for setting nets and is baffled by the special vocabulary that goes with it. The two boys work as men and can't understand the rude, unfriendly behavior of their neighbor, Vimri. The two unravel an international gun smuggling ring that Vimri is involved with. Gives valuable background information about salmon fishing in an adventure and mystery that appeals to even a reluctant reader.

Todd, Joan Marlow and Robert Sietsema (editors). I Must Go Down to the Seas Again. Hart Publishing Company, Inc., N.Y., 1978. 63 p.

Passages of nautical poetry and prose are matched with fine engravings to catalog mankind's fascination with the sea.

Tunis, Edwin. Oars, Sails and Steam. Illustrated by author. Thos. Crowell, NY, 1952. 79 p.

A meticulously crafted book with detailed line drawings of ships of the past 10,000 years. Includes a history of ships that combines facts with humor and charm. A book to read slowly and return to again for reference and for pure pleasure.

Turner, Philip. Sea Peril. Illustrated by W.T. Mars. Cleveland World, 1968. 224 p.

David, Arthur and Peter discover an old punt (a long, narrow, flat-bottom boat) in the town junkyard and restore it so they can put out to sea.

Van Doren, Charles. Growing Up on a Clipper Ship. Illustrated by Robert Patterson. Hill & Wang, NY, 1964. 127 p.

One of Van Doren's "Growing Up" series about 16-year-old Nat Dawson in the 1850s when he was the youngest sailor on the Rebecca.

Ware, Kay. Let's Read About Fishes. Webster Publishing Co., 1957. 32 p.

Introduces fish in general and a wide variety of unusual fish species with color and black and white stylized illustrations.

Wei, Tu. Landing the Giant Sturgeon. Illustrated by the author. Foreign Language Press, Peking, 1976. n. pages.

Beautiful Chinese watercolor illustrations of a big fish story. Simply story line intertwined with a few quotes from Chairman Mao and other communists.

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

Superb descriptions of fish and their adaptations in gorgeous color drawings. Heavily illustrated with a simple story line.

Wise, William. Monsters of the Deep. Illustrated by Ben F. Stahl. G.P. Putnam's Sons, 1975. 63 p.

Introduces some of the "most dangerous and mysterious monsters" of the deep to the young reader. Includes different kinds of sharks, octopus, squid, whale, sawfish, moray eel, and stingray. Discusses the development of diving equipment. Exceptional illustrations are the strength of this book.

Woods, Loren P. Fishes. Illustrated by Tom Dolan. Follett Publishing Co., Chicago, 1969. 32 p.

A simple overview of fish that discusses evolution, distribution and ecology. Covers anatomy and information about tropical and cold water fishes with brilliant colored illustrations.

Wyss, Max Albert. Magic of the Sea. Viking Press, 1968. 86 p.

Combines superb photographs of the sea and its inhabitants with prose and poetry to make a moving essay about people and the sea. Influence of the oceans on human cultures is impressively developed in this handsome book.

Zim, Herbert. The Waves. Illustrated by Rene Martin. Wm. Morrow & Co., 1967. 63 p.

Explains water in motion, better known as waves. Discusses technical studies of waves and their significance. Also mentions tidal waves, their past destructiveness, and current warning devices used by the Coast and Geodetic Survey. Illustrated with pencil drawings.

Zim, Herbert S. and Lucretia Krantz. Commercial Fishing. Illustrated by Lee J. Ames. Wm. Morrow, NY, 1973. 64 p.

Zim, Herbert S. and Hurst H. Shoemaker. Fishes. Illustrated by James Gordon Irving. Golden Press, NY, 1955, 160 p.

A guide to the more common of the world's fishes, both salt water and fresh with full color illustrations and classifications listed for easy identification.

Herbert S. Zim. Sharks. Illustrated by Stephen Howe. Wm. Morrow, NY, 1966. 64 p.

Describes different kinds of sharks, their importance, and the danger they present to people.

Teacher's Reference:

Alaska Geographic Society, Box 4-EEE, Anchorage, Alaska 99509.

- Vol. 1, No. 1 - The North Slope (out of print)
- No. 3 - Admiralty: Island in Contention
- No. 4 - Excerpt from Fisheries of the North Pacific: History, Species, Gear & Processes (out of print)
- Vol. 2, No. 3 - Prince William Sound (out of print)
- No. 4 - Yakutat: The Turbulent Crescent (out of print)
- Vol. 3, No. 4 - The Silver Years of the Alaska Canned Salmon Industry: An Album of Historical Photos (out of print)
- Vol. 4, No. 3 - Kodiak: Island of Change (out of print)
- Vol. 5, No. 1 - Cook Inlet Country
- No. 2 - Southeast: Alaska's Panhandle
- No. 3 - Bristol Bay Basin
- Vol. 6, No. 1 - Yukon-Kuskokwim Delta (out of print)
- No. 3 - Alaska's Native People
- No. 4 - Stikine River
- Vol. 7, No. 1 - Alaska's Great Interior
- No. 3 - The Aleutians
- Vol. 9, No. 2 - Sitka and It's Ocean Island World
- No. 3 - Islands of the Seals: The Pribilofs

Regional picture books that contain some information on fish and fishing techniques for each area of the state.

Alaska Sport Fish Identification Handbook. Alaska Department of Fish and Game, P.O. Box 3-2000, Juneau, Alaska 99801. (free)

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. Public Communications Section, Alaska Department of Fish and Game, P.O. Box 3-2000, Juneau, Alaska 99801. (free)

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

Armstrong, R.H. A Guide to the Birds of Alaska. Alaska Northwest Publishing, Anchorage, 1980. 309 p.

Species descriptions and range information on Alaskan birds. Very good color photographs that students will enjoy. Good reference for identifying birds on stream and lake studies.

Bailey, Jack E. Alaska's Fishery Resources - The Pink Salmon. United States Department of the Interior, Fish and Wildlife Service, Bureau of Commercial Fisheries, Fishery Leaflet 619, 1969. 8 p. Out of print (check your libraries or ask a fisheries biologist).

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

Good overview of all aspects of commercial fishing in the North Pacific. Covers the species of fish found in Alaskan waters, vessels, and gear used in each fishery, fishery management, processing and marketing.

Chapman, C.F., et al. Piloting, Seamanship, and Small Boat Handling--Motor Boating. Hearst Books, NY, 1981 (5th edition). 640 p.

Comprehensive, well-written and illustrated review of everything you want to know about small boat handling.

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

Large picture book format which details salmon species, life cycles, hatchery techniques, and pollution problems with extensive text and color photos.

Cole, Gerald A. Textbook of Limnology. C.V. Mosby Co., St. Louis, Missouri, 1979.

Introduces biological, chemical, and physical processes of lakes, ponds, and streams.

Commercial Fish Species of the Pacific West Coast and Alaska. National Marine Fisheries Service (& others), P.O. Box 1668, Juneau, Alaska 99802.

Booklet with beautiful water colors of fish species plus line drawings of fishing gear, range maps, and other miscellaneous facts in English, French, German, Spanish and Japanese.

Cooperative Extension Service, University of Alaska, Fairbanks, Alaska 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.)
 P-036 Some ABC's of Fo'c'sle Living (52 p.)
 P-1-031 Utilization and Disposal of Crab and Shrimp Wastes (45 p.)
 P-1-032 Safety Notes for the North Pacific (126 p.)

Publish a variety of pamphlets and booklets on fish and fishing.

Davis, J.C. Fish Cookery. A.S. Barnes and Co., 1967.

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

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

Many delicious recipes together with salmon history, spawning and migration patterns, aquaculture, species descriptions, and cooking and cleaning techniques highlighted with pen and ink drawings.

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

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

Hartman, Wilbur L. Alaska's Fishery Resources - The Sockeye Salmon. United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fishery Leaflet 636, Seattle, Washington, 1971. 8 p.

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

Higgins, John. The North Pacific Deckhand's and Alaska Cannery Worker's Handbook. Albacore Press, P.O. Box 335, Eastsound, Washington 98245, 1978. 81 p. (LC 78-53530) (ISBN 0-9601716-1-4)

Details information, advice, stories and anecdotes on entering the fishing industry. Explains major methods used in fisheries (trolling, gill netting, purse seining, dragging, tuna and halibut fishing, shrimping, and crabbing). Includes a section on what to expect in jobs in the cannery, on floaters, or in cold storage plants.

Holdgate, Charles. Netmaking. Emerson Books, Inc., Reynolds Lane, Buchanan, New York 10511, 1972.

Excellent details and directions for making all kinds of netcraft from bags to crab pots and basketball goal nets. Written specifically for students, includes a chapter on "netting as a group activity."

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

Excellent description of fish wheels in large print with ample illustrations.

McCafferty, W. Patrick. Aquatic Entomology. Science Books International, Inc., Boston, 1981. 488 p.

Beautifully illustrated text on aquatic insects written for both the biologist and the sport fly fisher.

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 methods of harvest of 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.

McNeil, William J., and Jack E. Bailey. Salmon Ranchers' Manual. Northwest Fisheries Center, National Marine Fisheries Service, 2725 Montlake Boulevard East, Seattle, Washington 98112, July 1975. 95 p.

Prepared to assist groups or individuals with ocean ranching of Pacific salmon. Contains excellent information on special characteristics of species; biology of salmon; hatchery and water supplies; incubation systems; selection of stock; care of brood fish; eggs; alevins and fry; genetic problems; economic and legal perspectives.

Morgan, Ann Haven. Field Book of Ponds and Streams. G.P. Putnam's Sons, NY, 1930. 448 p. Out of print (check your libraries).

A classic field guide to freshwater life. Includes background information plus many fine line drawings.

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

Lists distinctive characteristics, description, range, abundance, and habits of freshwater species and their importance to man. Includes line drawings and maps of the Alaskan range of each species plus a selection of color photographs.

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

Handy field guide with line drawings and brief descriptions.

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

Describes tracks and other animal signs. Many of the fascinating stories happen in Alaska. Illustrated by line drawings. One of the Peterson Field Guide Series. Excellent reference for lake, stream, and pond studies.

Murray, C. and D. Somerton. Field Guide to the Fish of Puget Sound and the Northwest Coast. University of Washington Press, Seattle, Washington, 1976. 70 p.

Excellent field identification guide for saltwater fishes. Printed on waterproof paper.

Needham, James G. and Paul R. Needham. A Guide to the Study of Fresh-water Biology. Holden-Day, Inc., San Francisco, 1962. 108 p.

Pictures and brief descriptions of freshwater animals. Includes chapter on making and using sampling equipment.

Pennak, Robert W. Fresh-water Invertebrates of the United States. The Ronald Press Company, New York, 1953. 769 p.

Excellent text on freshwater invertebrates. Line drawings and extensive descriptions of each group of animals.

Peterson, Roger Tony. Field Guide to Western Birds. Houghton Mifflin Company, Boston, 1961. 366 p.

Descriptions of birds, their habits, habitats, and field marks. Illustrated by color and black and white plates. One of the Peterson Field Guide Series. Good to have along on lake and stream studies for bird identification.

Reid, Gerald M. Alaska's Fishery Resources - The Pacific Herring. United States Department 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 and on the commercial herring industry. Lacks information on the Bering Sea herring fisheries.

Robbins, C.S., B. Bruun, and M.S. Zim. Birds of North America. Golden Press, New York, 1966. 340 p.

Descriptions of birds and their habits, songs, and ranges. Illustrated by color drawings. Easy to use in the field, but not as much background information as the Peterson Field Guide. Handy to have along on stream and lake field studies.

Scott, W.B. and E.J. Crossman. Freshwater Fishes of Canada. Bulletin 184, Fisheries Research Board of Canada, Ottawa, Canada, 1973. 977 p.

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

Smith, D.L. A Guide to Marine Coastal Plankton and Marine Invertebrate Larvae. Kendall/Hunt Publishing Co., Dubuque, Iowa, 1977. 161 p.

Useful key to common inshore plankton. Includes good line drawings of these plants and animals.

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

Contains numerous superb line drawings and photographs which 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; cooking and preserving fish; and songs, customs, and ceremonies.

Newspapers, periodicals, directories and catalogs

Alaskan Publications:

Alaska Currently, State of Alaska, Office of Coastal Management, Planning Section, Pouch AP, Juneau, Alaska 99811

Alaska Earthlines Tidelines, Alaska Geographic Society, Box 4-EEE, Anchorage, Alaska 99509

Excellent monthly student newspaper. Back issues that are especially relevant include:

- Vol. 1, No. 1 - Aqua (water) + culture (cultivate)
- No. 2 - Does Alaska Have a Monster?
- No. 3 - Alaska Tides - and the Tricks They Play
- No. 5 - Wanted: Information on the Whereabouts of Pandalus borealis, Alias Pink Shrimp
- Vol. 2, No. 1 - To Catch a Salmon
- No. 5 - Alaska's Scariest Fishery (crabbing)
- Vol. 3, No. 3 - The Port That Grew in the Wrong Place
- No. 5 - What's That Funny-Looking Fish?
- No. 7 - The Herring Bonanza
- Vol. 4, No. 1 - How to Take Care of Your Catch
- No. 6 - The Old Woman (Halibut)

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

Alaska Fisherman, 197 South Franklin St., Juneau, Alaska 99801 (monthly)

(free to all households of commercial fisheries permit holders for salmon, herring, halibut, shellfish and bottomfish)

Alaska Fisherman's Journal, 1115 NW 46th, Seattle, Washington 98107

Alaska Marine Educators Newsletter, Alaska Sea Grant Program, University of Alaska, Fairbanks, Alaska 99701 (free upon request)

Alaska Seafood Report, 130 Seward Street, Suite 501, Juneau, Alaska 99801 (quarterly)

Alaska Seas and Coasts, Alaska Sea Grant Program, University of Alaska, Fairbanks, Alaska 99701

Aquaculture News, Prince William Sound Aquaculture Corporation, P.O. Box 1110, Cordova, Alaska 99574 (monthly) (free)

Bering Sea Fisherman, 805 West Third Avenue, Anchorage, Alaska 99501 (monthly) (free)

Fish and Game Bulletin, Alaska Department of Fish and Game, Public Communication, Subport Building, Juneau, Alaska 99801 (monthly) (free upon request)

The Network, Alaska Seafood Marketing Institute, 526 Main St., Juneau 99801.

Northwest and Alaska Fisheries Center Monthly Report, U.S. Department of Commerce, National Marine Fisheries Service, Seattle, Washington 98112 (monthly)

National and Regional Publications:

Aquaculture Magazine, 610 E. Sixth St., Little Rock, AR 72202 (bimonthly)

Fishermen's News, C-3 Building, Room 110, Fishermen's Terminal, Seattle, Washington 98119

Fishing Gazette, 461 Eighth Ave., New York, New York 10001 (monthly)

Marine Digest, Room 218, National Bldg., 1008 Western Ave., Seattle, WA 98104 (weekly)

Marine Fish Management, Nautilus Press, 1056 National Press Bldg., Washington, DC (monthly)

Marine Fisheries Review, NMFS Scientific Publications Staff, Room 450, 1107 N.E. 45th Street, Seattle, WA 98105 (monthly)

National Fisherman, Pacific Office, 4215 21st Avenue West, Seattle, WA 98199 (monthly)

Ocean Leader Seafood Quarterly, Waterfront Press, 1115 N.W. 46th St., Seattle, WA 98107 (quarterly)

Oceans, Oceanic Society, P.O. Box 10167, Des Moines, Iowa 50340 (bimonthly)

Oceanus, Woods Hole Oceanographic Institution, Woods Hole, MA 02543
(quarterly)

Pacific Fishing, Circulation Department, 2208 N.W. Market Street, Seattle, WA
98107 (monthly)

Progressive Fish-Culturist, Supt. of Documents, U.S. Fish and Wildlife Ser-
vice, Washington, DC 20240 (quarterly)

Sea Frontiers, International Oceanographic Foundation, 3979 Rickenbacker
Causeway, Virginia Key, Miami, Florida 33149 (bimonthly)

Seafood America, P.O. Box 656, Harbor Square, Camden, Maine 04843 (month-
ly) (free to seafood processors, brokers, wholesalers, exporters and
importers; seafood buyers for restaurant and grocery store chains;
shipyard owners and operators of processing vessels; processors and
wholesalers of fish meal, oil, and seaweed; foreign seafood buyers and
processors; fishermen's marketing cooperatives, and cold storage opera-
tors)

International Publications:

Canadian Fisherman and Ocean Science, Sentinale Publishing Company, 27
Centrale St., LaSalle, PQ, Canada HBR 2J1 (bimonthly)

Facts on Fish, Fisheries Association of British Columbia, Room 400, 100 W.
Pender Street, Vancouver, BC, Canada V6B 1R8

Fisheries World, Japan Fisheries Association, Dainhohon Suisankai a-9-13
Akasaka, Minato-ku, Tokyo 107, Japan (monthly)

The Fisherman, 138 East Cordova Street, Vancouver, BC, Canada V6A 1K9
(semimonthly)

Fishing News International, Arthur J. Heighway Publication, Ltd., 110 Fleet
Street, London EC4A 2JL, England (weekly)

Pacific Packers Report, 21 Elm Street, Camden, Maine 04843 (quarterly) (free
to seafood processing management, purchasing, sales, buyers, whole-
salers, brokers, fishing company management, vessel owner or opera-
tors, fishermen, government, and others)

Salmonid, Department of Fisheries and Oceans, 1090 West Pender Street,
Vancouver, BC, Canada V6E 2P1 (free)

Western Fisheries, Interpress Publications, Ltd., 202, 1132 Hamilton Street,
Vancouver, BC, Canada V6B 2S2 (monthly)

World Fishing, IPC Industrial Press, Ltd. Dorset House, Stamford St.,
London SE1, England (monthly)

Curriculums:

Alaska Wildlife Notebook Series Teacher Activity Guide, Alaska Department of Fish and Game, Public Communications Sections, P.O. Box 3-200, Juneau, Alaska 99801.

Includes the Wildlife Notebook Series with numerous fresh and saltwater fishes. Activities are primarily for junior high and high students but they can be adapted for elementary children.

Alaska Wildlife Week Education Packet, Nongame Wildlife Program, Alaska Department of Fish and Game, 1300 College Road, Fairbanks, Alaska 99701.

Contains excellent activity guide, materials source booklet, poster, coupon book, and additional wildlife notebook series and animal descriptions.

Borton, Wendy, Lavonne Bucher, Claire Dyckman, Art Johnson, and Bill Way. Clean Water, Streams and Fish. Washington State Office of Environmental Education, c/o Shoreline District Office, NE 195th and 20th Avenue NE, Seattle, WA 98115, 1982. 327 p.

Characters on salmonids, habitat, threats, solutions, roles and issues. Well designed interdisciplinary activities for upper elementary and middle school students. A similar curriculum for secondary students is also available.

Davidson, Nancy. A Programmed Learning Unit on Fishes. Alaska Multi-Media Education Program, Alaska State Museum, Pouch FM, Juneau, Alaska 99811.

Illustrated booklet designed to allow students to check their own answers as they proceed through the unit. Covers internal and external fish features and characteristics.

Minnesota Environmental Sciences Foundation, Inc. Fish and Water Temperature. National Wildlife Federation, 1412 Sixteenth Street, N.W., Washington, DC 20036, 1971. 19 p.

Describes an extensive experiment to investigate the response of goldfish to various water temperatures. Includes lots of practice in graphing and an additional experiment on crickets.

Salmonids in the Classroom. BCTF Lesson Aids, B.C. Teachers Federation, 105-2235 Burrard Street, Vancouver, BC V6J 3Np, 1982 (revised).

Extensive curriculum on salmonids that includes lesson plans, activity sheets, reference material, film, "hands-on" project suggestions, catalogue, evaluation activities, teacher answers, and bibliography. Separate packets for upper elementary and secondary school students.

Tanabochia, Kathy. Life Cycle of the Salmon. Pacific Science Center/Sea Grant, 200 Second Avenue North, Seattle, Washington 98109, 1980. 125 p.

Presents eight activities on salmon and their life cycles, habitats and journeys. Includes slide show script.

University of British Columbia, Vancouver, Canada V6T 1W5. The Greek Book, The Pond Book, The Lake Book, Estuary Studies, The Rain Book, The Snow Book, The Beach Book, and more.

Excellent books on a variety of topics. Include a multitude of activities and suggestions for sampling equipment to buy or make.

Charts, Posters, Games and Kits:

Game Fishes of Alaska. Division of Sport Fish, P.O. Box 3-2000, Juneau, Alaska 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. (stock no. 003-020-00087-8). U.S. Government Printing Office, Washington, DC 20402.

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

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

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

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

Sets of 11"x17" posters on fish and crustaceans, plus bilingual books on a variety of topics.

Oregon State University, Extension Communications - Marine Advisory Program, OSU ADS422, Corvallis, Oregon 97331.

Posters on beach safety and pamphlets on tides, crabs, and other marine topics.

Nautical Charts. National Ocean Survey, Chart Sales & Geodetic Control, Federal Building and U.S. Court House, 701 C Street, Box 38, Anchorage, Alaska 99513.

Source of nautical charts, tide tables, coast pilots, current tables, and tidal current charts.

Salmon Kit, Alaska State Museum, Pouch FM, Juneau, Alaska 99811.

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

Regular board game which follows the salmon life cycle.

Salmon Legends. Alaska State Museum, Pouch FM, Juneau, Alaska 99811.

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," and 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"x21" posters of the five Pacific salmon species and steel-head.

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

Source of shark chart plus also a shark filmstrip.

Splash! National Park Service, 709 W. 9th Street, Juneau, Alaska 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.)