

SECTION 13.0. RESOURCE MATERIALS

THIS SECTION CONTAINS:

➤ Films/Videos

➤ Books

That may be of use to you during your project

The following is a partial listing of the resources and information available on watercourses and fish habitat. Throughout the manual you have been referred to web sites with more information on specific topics and your NSSA coordinator can help you with.

NSSA / Adopt-A-Stream Program

R.R. 2 581 Stanburne Road

Barss Corner NS B0R 1A0

Tel: (902) 644-1276

Fax: (902) 644-1279

e-mail: amy.weston@ns.sympatico.ca

FILMS AND VIDEOS

Stream Protection and Forwarder Operations. St. Mary's River Forestry-Wildlife Project (21 minutes). Available from N.S. Dept. of Natural Resources, Extension Division, Box 68, Truro, NS, B2N 5B8. Telephone 893-5647.

Water - Now is the Future. Environment Canada. Available from Environment Canada, Communications Directorate, Queen Square, 45 Alderney Drive, Dartmouth, NS, B2Y 2N6; 426-7990.

Resource in Peril - available from Dept. of Fisheries and Oceans, Habitat Management Division, PO Box 1006, Dartmouth, Nova Scotia, Canada, B2Y 4A2

Available from the National Film Board <http://www2.nfb.ca/boutique/>

Atlantic Salmon

This film looks at the **Atlantic salmon**, its life cycle, and the measures taken to preserve this precious resource. Underwater photography depicts the growth of the **Atlantic salmon**, from hatching to maturity. The **salmon** is essential to the Maritime economy; it maintains an industry that creates jobs in an area that otherwise suffers from high unemployment.

Rivers to the Sea

The rivers of Atlantic Canada are unique because their closeness to the sea makes them ideal spawning grounds and nurseries for many kinds of marine fish that require fresh water to complete some part of their life cycle. *Rivers to the Sea* uses rich underwater photography and lively surface shooting to reveal both the beauty and the pollution of these tidal Atlantic rivers.

Trout Stream

From the rocky bottom of a stream this film brings you a remarkable study of the eastern brook trout, showing how instinct protects a fish and lets it survive, and how the same instinct holds it

prisoner of its environment. Photographed in color at natural speed, the film's most remarkable sequence shows the spawning of fish, the event of regeneration as eggs are laid and fertilized, then hatch.

BOOKS AND WEB SITES

Most government reports and publications are available from Service Nova Scotia

<http://www.gov.ns.ca/snsmr/consumer/publications/>

Commercial bookstores and libraries often carry many excellent books about the environment, natural history, and water resources.

By the Sea,

By the Sea modules can help you prepare your visit to explore Atlantic Canada's diverse coastal habitats. Discover how these ecosystems were formed, their inhabitants and their relationships with one another. Unravel the mysteries of these places while participating in action-oriented activities.

<http://www.glf.dfo-mpo.gc.ca/sci-sci/bysea-enmer/index-e.html>

Beach sweeps,

This site is a reference for all those who, like you, want to do their part for the environment by participating in or organizing a beach clean-up activity

<http://www.glf.dfo-mpo.gc.ca/sci-sci/beach-rivage/index-e.html>

Adult Education

Brookfield, Stephen. 1988. Understanding and Facilitating Adult Learning. Jossey-Bass Publishers.

Knox, Alan. 1986. Helping Adults Learn. Jossey-Bass Publishers.

Wlodkowski, Raymond. 1988. Enhancing Adult Motivation to Learn. Jossey-Bass Publishers.

Natural History

Kricher, John. 1988. A Field Guide to Eastern Forests. Peterson Field Guide Series. Boston: Houghton Mifflin Co.

Newcomb, L. 1977. Newcomb's Wildflower Guide. Little, Brown and Co.

Nova Scotia Department of Lands and Forests and the Nova Scotia Museum. 1983. Natural History of Nova Scotia. Government Printers.

Peterson, R.T. 1980. A Field Guide to the Birds (4th edition). Boston: Houghton Mifflin Co.

Roland, A.E. and Smith, E.C. 1969. The Flora of Nova Scotia. The Nova Scotia Museum.

Single copies of the following are available free at your local Natural Resources office or by writing: NSDNR, P.O. Box 68, Truro, Nova Scotia, B2N 5B8.

Trees of Nova Scotia

Notes on Nova Scotia Wildlife

Summer Key to the Woody Plants of Nova Scotia

Identification of Nova Scotia Woody Plants in Winter

Improving Wild Apple Trees for Wildlife

Forest/Wildlife Guidelines and Standards for Nova Scotia

Stream Ecology and Rehabilitation

Agriculture Canada. 1976. Farm Pasture Fencing. Supply and Services Canada. Publication 1568.

Anderson, Gary and Ann E. Brimer. 1976. Salar: The Story of the Atlantic Salmon. Published in cooperation with the Atlantic Salmon Association and the International Salmon Foundation,

Annapolis Tidal Power Project, Environmental Impact Assessment. 1980. Prepared for the Tidal Power Corporation by Martec Limited. .

Beadle, L.C. 1972. Physiological Problems for Animal Life in Estuaries, in The Estuarine Environment, ed. R.S.K. Barnes and J. Green. London: Applied Science Publishers Ltd., pp. 51-60.

Biette, R.M. 1978. Better Streams for More Trout. Ontario Ministry of Natural Resources, Fisheries Branch, Queen's Park, Toronto. 16 p.

Bowden, K.F. 1973. Forward, in Estuaries: A Physical Introduction, ed. K.R. Dyer. London: John Wiley and Sons.

Cameron, W.M. and D.W. Pritchard. 1963. Estuaries, in the Sea, ed. M.N. Hill. New York: John Wiley and Sons, pp. 306 - 324.

Canada Department of Environment. 1973. The Marine Environment and Renewable Resources: Law of the Sea Discussion Paper. Ottawa.

Canada Fisheries and Oceans. 1980. Stream Enhancement Guide. In cooperation with the Province of British Columbia Department of Environment, Kerr Wood Leidal Associates Ltd. and D.B. Lister and Associates Ltd. Vancouver.

Canada Fisheries and Oceans. 1982. Fish Habitat: The Foundation of Canada's Fisheries. Ottawa.

Canada Fisheries and Oceans. 1982. If Sportfishing is Important to Your Life or to Your Business, You've Got a Problem. Ottawa.

Canada Fisheries and Oceans. 1987. Fish Habitat Field Manual. In cooperation with the New Brunswick Department of Forests, Mines and Energy. Fish and Wildlife Branch. . Fredericton, New Brunswick.

Farmer, G.J., T.F. Goff, D. Ashfield, and H.S. Samant. 1981. Some Effects of the Acidification of Atlantic Salmon Rivers in Nova Scotia. From: Acid Rain and the Atlantic Salmon Foundation. Special Publication, Number 10: pp. 73-92.

Freedman, B. and J.G. Ogden III. 1981. Sources and Consequences of Acid Rain in Nova Scotia. Nova Scotia Resource Council.

Gates, A.D. 1975. The Tourism and Outdoor Recreation Climate of the Maritime Provinces. From: Watt, W.D., C.D. Scott, and W.J. White. 1983. Evidence of Acidification on Some Nova Scotian Rivers and its Impact on Atlantic Salmon *Salmo salar*, in Can. Jour. Fish. Aquat. Sci. No. 40: 462 - 473.

Gilhen, John. 1974. The Fishes of Nova Scotia's Lakes and Streams. The Nova Scotia Museum, Halifax, Nova Scotia.

Government of Canada, Department of Fisheries and Oceans, and Province of British Columbia, Ministry of Environment. 1980. Stream Enhancement Guide. Vancouver, British Columbia. 82 p.

Haig-Brown, R. 1980. Bright Waters, Bright Fish. Vancouver. Douglas and McIntyre Limited.

Mack, C. 1981. Design of Streamside Incubator. Unpublished data. August 24, 1981. Ontario Ministry of Natural Resources, Toronto.

Marshall, C. 1982. Habitat Improvement for Wild Brook and Brown Trout: a Handbook for Amateur Groups. Cold Creek Flyfishers and the Federation of Flyfishers. Belleville, Ontario.

McLusky, Donald S. 1971. Ecology of Estuaries. London: Heinemann Educational Books Ltd.

Morantz, David L. 1978. The Fisheries of the Shubenacadie Stewiacke River Basin. Technical Report #6. Prepared for the Shubenacadie River Basin Board.

Ontario Ministry of Natural Resources. 1983. Community Fisheries Involvement Program. Field Manual Part One: Trout Stream Rehabilitation. Fisheries Branch, Queen's Park, Toronto.

Ontario Ministry of Natural Resources. 1982. Fisheries Habitat Rehabilitation Manual. Fisheries Branch, Queen's Park, Toronto.

Otis, M., Guide to Stream Improvement. Information Leaflet. New York State Conservation Department. Division of Conservation Education.

Raleigh, R.F. and D.A. Duff. 1980. Trout Stream Habitat Improvement. Ecology and Hydrology. pp. 67-77. In: Proceedings of a National Symposium on Wild Trout Management. San Jose California. February 3, 1977. California Trout Inc., San Francisco.

Rowland, A.E. and Smith, E.C. 1969. The Flora of Nova Scotia. The Nova Scotia Museum, Halifax, Nova Scotia.

Salmonids in the Classroom. 1982. A curriculum package prepared under the sponsorship of the Salmonid Enhancement Program of Fisheries and Oceans and the British Columbia Department of Environment for the British Columbia Ministry of Education.

Save Our Streams. 1979. Stream Rehabilitation: A Save Our Streams Manual, Save Our Streams Inc., Islington, Ontario.

Save Our Streams. 1983. Action Kit: Operation Alert. A Save Our Streams Manual. Save Our Streams Inc., Islington, Ontario.

Schofield, Carl L. 1981. Aquatic Effects of Acid Rain. From: Acid Rain and the Atlantic Salmon, International Atlantic Salmon Foundation Special Publication, Number 10: pp. 17-19.

Schwiebert, Ernest. 1978. Trout. New York: E.P. Dutton.

Scott, W.B. and E.J. Crossman, 1973. Freshwater Fishes of Canada. Department of Ichthyology and Herpetology. Royal Ontario Museum, Toronto. Fisheries Research Board of Canada, Ottawa, Bulletin 184.