

PUBLIC LIBRARY OF YOUNGSTOWN AND MAHONING COUNTY

**MAHONING RIVER PROJECT**

A Selected Bibliography Of Reference Materials For  
Secondary Students And Adults  
2002

**AIR POLLUTION**

*Pollution.* Leonard B. Dworsky. New York, NY: Chelsea House Publishers, 1971.

A collection of documents relating to both air and water pollution. Intended to present information relating to the development of the United States' conservation policy.

*Air Pollution.* Arthur C. Stern. New York, NY: Academic Press, 1976.

Contains information relating to the cause, effect, transport, measurement, and control of air pollution.

*Methods of Air Sampling and Analysis.* Intersociety Committee. Chelsea, MI: Lewis Publishers, 1989.

A manual containing methods for air sampling and analysis. Includes methods for determining air pollution that were supplied by experts in the field.

**ANIMALS**

*Creatures of Change: An Album of Ohio Animals.* Carolyn V. Platt. Kent, OH: Kent State University Press, 1998.

A collection of essays regarding many of the animals that live throughout the state of Ohio. It also contains historical information about the state and many color photographs.

*The Simon & Schuster Encyclopedia of Animals: A Visual Who's Who of the World's Creatures.* Philip Whitfield, ed. New York, NY: Simon & Schuster, 1998.

Profiles of many mammals, birds, reptiles, amphibians, and fish that can be found all over the world. It also contains illustrations of each animal, as well as information on their habitat, classification, and size.

*Animals.* Philip Whitfield, ed. New York, NY: Macmillan Library Reference, 1999.

A three-volume set including volumes for mammals and birds, reptiles and amphibians, and fish. Similar to the Simon and Schuster book, this also contains profiles and illustrations of hundreds of animals.

***Parade of the Animal Kingdom.*** Robert William Hegner. New York, NY: Macmillan, 1935.

Initially published in 1935, it contains descriptions of each class of animal, with descriptions and photographs of many different species within each class. It also includes an index.

***Animal Fact File: Head-to-Tail Profiles of More Than 90 Mammals.*** Tony Hare. New York, NY: Checkmark Books/Facts On File, 1999.

Presents descriptions and illustrations of over 90 different mammals, with the descriptions being presented alphabetically. Descriptions contain information such as size, features, and classification. The book also contains tables dealing with classification.

***Mammals of North America: Temperate and Arctic Regions.*** Adrian Forsyth. Buffalo, NY: Firefly Books, 1999.

Published in 1999, this book contains descriptions of the animals that share the North American continent with us. It includes an index and color photographs of many of the animals.

## **AQUATIC LIFE**

***The Fishes of Ohio, with Illustrated Keys.*** Milton Bernhard Trautman. Ohio State University Press, in collaboration with the Ohio Division of Wildlife and the Ohio State University Development Fund, 1957.

A revised edition of a book first published in 1957. It provides historical information about the many waterways in Ohio, as well as descriptions of the fish that populate those waterways.

***Encyclopedia of Fishes.*** John R. Paxton & William N. Eschmeyer, eds. San Diego, CA: Academic Press, 1998.

Presents information on fish that are in existence today, as well as providing profiles of those that have become extinct. It also contains an index and illustrations of many of the fish.

## **BRIDGES**

***Great American Bridges and Dams.*** Donald C. Jackson. Washington, D.C.: Preservation Press, 1988.

Contains state by state descriptions of important bridges and dams, as well as more general information about them. Includes an index.

***The Covered Bridges of Ohio: An Atlas and History.*** Miriam Wood. Columbus, OH: The Old Trail Printing Co., 1993.

Describes the history of wooden truss bridges in the state of Ohio, from the early 19<sup>th</sup> century until present time. It also contains information on the builders of the bridges across the state.

***Covered Bridges Today.*** Brenda C. Krekeler. Canton, OH: Daring Books, 1989.

Includes general information about covered bridges, bridge construction, and special organizations devoted to covered bridges. It also contains descriptions and photographs of many covered bridges across the United States, organized by state. There is also an extensive bibliography of other covered bridge resources.

## CANALS

***A Photo Album of Ohio's Canal Era, 1825-1913.*** Jack Gieck. Kent, OH: Kent State University Press, 1988.

Contains a variety of woodcuts, engravings and photographs that tell the story of canals in Ohio during the years 1825 to 1913.

***The Ohio Canals.*** Frank Nelson Wilcox. Kent, OH: Kent State University Press, 1969.

Contains a series of paintings, sketches, studies, and drawings treating the early canals of Ohio. The Miami-Erie Canal, Ohio-Erie Canal, Pennsylvania-Ohio Canal, Sandy-Beaver Canal, and Hocking Canal are included in this book.

***Government Promotion of American Canals and Railroads, 1800-1890.*** Carter Goodrich. New York, NY: Columbia University Press, 1960.

Provides historical information about the measures undertaken by the United States government to promote the economy by building canals and railroads. It covers the years 1800-1890 and contains an extensive bibliography and index.

## CARTOGRAPHY

***Geography and Cartography: A Reference Handbook.*** Clara Beatrice Muriel Lock. Hamden, CT: Linnet Books, 1976.

A quick reference book covering the main points of geographical study. It contains some biographical information, as well as notes regarding some terms. There is also an index to entries.

## CLIMATOLOGY

*Climatological History of Ohio*. William Henry Alexander. Columbus, OH: Engineering Experiment Station, 1924.

Provides historical information and statistics relating to the climate of the state of Ohio. While not a current source, this book does provide much in the way of historical information.

*Encyclopedia of Climate and Weather*. Stephen H. Schneider, ed. New York, NY: Oxford University Press, 1996.

A two-volume set covering the subjects that contribute to the understanding of weather and climate. The set also contains a list of abbreviations and symbols used throughout the entries.

## FLOODS

*Hungry Waters: The Story of the Great Flood, Together with an Account of Famous Floods of History and Plans for Flood Control and Prevention*. Lowell Thomas. Philadelphia, PA: The John C. Winston Company, 1937.

Tells the story of what was known as the Great American Flood of 1937. Also contains descriptions of other famous floods that have occurred in myth and throughout history.

## GEOGRAPHY

*A Dictionary of Geography*. Susan Mayhew. New York, NY: Oxford University Press, 1997.

Provides descriptions of over 6000 terms used in both physical and human geography. It is contained in one volume and is arranged alphabetically.

## GEOLOGY – OHIO

*Fugitive Essays, Upon Interesting and Useful Subjects, Relating to the Early History of Ohio, its Geology and Agriculture, with a Biography of the First Successful Constructor of Steamboats; a Dissertation Upon the Antiquity of the Material Universe, and Other Articles, Being a Reprint from Various Periodicals of the Day*. Charles Whittlesey. Hudson, OH: Sawyer, Ingersoll and Co., 1852.

Published in 1852, this is a collection of essays that appeared in periodicals and magazines that were all written by Charles Whittlesey. The essays relate to the early history of the state of Ohio, its geology, and its agriculture.

***Geology Along the Towpath: Stones of the Ohio & Erie and Miami & Erie Canals.*** Joseph T. Hannibal. Columbus, OH: State of Ohio, Dept. of Natural Resources, 1998.

This government document was published in 1998. It is intended to serve as an introduction to those wishing to explore the geological aspects of the Miami and Erie Canals, especially the stone used in the construction of the canals. A glossary of canal, geological, and masonry terms is included.

## **HISTORIC PRESERVATION**

***Understanding the Downtown: Architecture, Downtown Directory, Historic Preservation.*** Mark Christopher Peyko. Youngstown, OH, 1991.

Contains information about Youngstown's downtown, including historical information, preservation information, and descriptions of the architecture. It also includes an "inventory" of the various buildings downtown.

***A Comprehensive Guide for Listing a Building in the National Register of Historic Places.*** Gail Greenberg. Sausalito, CA: Lucid Press, 1996.

This book is a how-to type book, designed to tell how one applies to have their home listed in the State and National Registers of Historic Places. It contains pertinent addresses and also has sample application forms.

***All about Old Buildings: The Whole Preservation Catalog.*** National Trust for Historic Preservation. Washington, D.C.: Preservation Press, 1985.

This book attempts to answer every question possible about old buildings. It includes information about renovation and preservation of old homes and other buildings.

## **MAHONING COUNTY (OHIO) – HISTORY**

***A Heritage to Share: The Bicentennial History of Youngstown and Mahoning County, Ohio: Youngstown and Mahoning County, Ohio, from Prehistoric Times to the National Bicentennial Year.*** Howard Charles Aley. Youngstown, OH: Bicentennial Commission of Youngstown and Mahoning County, Ohio, 1975.

This book covers the history of the Youngstown area from prehistoric times until the national bicentennial. It includes information on many aspects of the area as well as many photographs and illustrations, and an index.

***Mahoning Memories: A History of Youngstown and Mahoning County.*** Frederick J. Blue. Virginia Beach, VA: The Donning Co. Publishers, 1995.

This is a pictorial history of Youngstown and Mahoning County. It contains images spanning the mid-1800s to the present.

*An Ethnic Encyclopedia: The Peopling of the Mahoning Valley.* George D. Beelen ed., Martha I. Pallante co-ed., and Elaine Fowler assistant ed. Ohio: Ohio Cultural Alliance, 1996.

This book provides essays written by members of the various ethnicities represented in the Mahoning Valley. The essays relate stories and experiences of members of various ethnic groups throughout their time in the area.

*The Way We Were: A Series of Articles on Youngstown's History.* George Kelley, compiled by Rick Shale. Youngstown, OH, 1998.

Contains reprints of Vindicator articles spanning from 1983 to 1985. They were written by columnist George Kelley, who was an authority on the history of the Mahoning Valley.

*These Hundred Years: A Chronicle of the Twentieth Century as Recorded in the Pages of the Youngstown Vindicator.* Youngstown, OH: Vindicator Printing Company, 2000.

Published in 2000, this book covers 100 years of Youngstown history, using The Vindicator as its source.

## **MAHONING RIVER**

*Along the Mahoning River in the Sixties and Now.* William Harvey Gibson. Youngstown, OH: Youngstown Public Library, 1958.

A historical sketch of the Mahoning River during the 1860's through the early 1900's, with descriptions of the wildlife that was present in and along the river during that time.

## **MAHONING VALLEY**

*Mahoning Valley Socioeconomic Profile.* Center for Urban Studies. Youngstown, OH: Center for Urban Studies, 1992.

This booklet, compiled by Youngstown State University's Center for Urban Studies, contains information about the socioeconomic conditions in the Mahoning Valley. It also contains statistics relating to the residents of the Youngstown area.

*The Story of Our Community: A Book of Supplementary Reading Materials Devoted to an Understanding of the Social, Economic, and Governmental Foundations of the Mahoning and Shenango Valleys.* Howard Charles Aley. Chicago, IL: Lakeside Press, 1954.

Originally intended as a book of reading material for students in area public schools, this book contains information of what life was like in our community.

***The Growth of Our Community: A Book of Supplementary Reading Materials Devoted to an Understanding of the Growth of the Four County Area Embracing Mahoning, Columbiana, and Trumbull Counties in Ohio, and Mercer County in Pennsylvania, Pointing Up the Role of Transportation and Industry in that Growth which was Finally to Make of the Mahoning and Shenango Valleys, a Great Industrial Area.*** Howard Charles Aley. Chicago, IL: Lakeside Press, 1951.

Intended as part of a series of books of reading material for area public school students, this book details the history of the Mahoning Valley, concentrating on how the area grew over the years.

***Working Together We Serve the World: A Book of Supplementary Reading Materials Devoted to an Understanding of the Kinds of Work and the Variety of Products Found in the Four-County Industrial Area Embracing Mahoning, Trumbull, and Columbiana Counties in Ohio, and Mercer County in Pennsylvania.*** Howard Charles Aley. Chicago, IL: Lakeside Press, 1950.

Another book intended for use by area public school students for the study of our community, this book provides reading material relating to how people in the area worked together to serve the community throughout its history.

***The Beginnings of Our Community: A Book of Supplementary Reading Materials Devoted to an Understanding of the Beginnings of Community Life, Transportation, and Industry, in the Four-County Area Embracing Mahoning, Trumbull, and Columbiana Counties in Ohio, and Mercer County in Pennsylvania.*** Howard Charles Aley. Chicago, IL: Lakeside Press, 1950.

Also part of the series of books containing reading material about the Mahoning Valley for area public school students, this book tells how our area began.

***Visions of the Valley.*** Carol DeFrank. Montgomery, AL: Community Communications, 1996.

Published in 1996, this book contains historical information about the Mahoning Valley, and also a multitude of photographs of various locations around the Youngstown area. The book also contains profiles of several area businesses.

## **MILL CREEK PARK**

***The Legacy of Mill Creek Park: A Biography of Volney Rogers.*** Bridgett M. Williams. Youngstown, OH: Youngstown Lithographing Co., 1992.

Containing many photographs and illustrations of Mill Creek Park and of many members of the Rogers family, this book is a biography of Volney Rogers, who dedicated his life to seeing Mill Creek Park established in Youngstown.

***The Green Cathedral: History of Mill Creek Park, Youngstown, Ohio.*** John C. Melnick. Youngstown, OH: Youngstown Lithographing, 1976.

This book provides a brief history of the Western Reserve Territory and the settlement of the Youngstown area, which leads in to the history of Mill Creek Park. Also included is a brief biography of Volney Rogers

## **OHIO PLANTS**

***The Woody Plants of Ohio: Trees, Shrubs and Woody Climbers, Native, Naturalized, and Escaped.*** E. Lucy Braun. Columbus, OH: Ohio State University Press, 1961.

This book gives information about species of plants that occur in Ohio as well as giving the layperson a means to identify various woody plants that they see throughout the state. The book includes two indexes, a glossary, and many illustrations of plants found in Ohio.

## **RIVERS**

***Rand McNally Encyclopedia of World Rivers.*** Chicago, IL: Rand McNally, 1980.

Organized by continent, this encyclopedia provides brief descriptions of rivers found on each continent. There are also numerous photographs and some basic maps of the continents.

## **RIVER TRANSPORTATION**

***A History of Transportation in the Ohio Valley, with Special Reference to Its Waterways, Trade, and Commerce from the Earliest Period to the Present Time.*** Charles Henry Ambler. Glendale, CA: The Arthur H. Clark Company, 1931.

Provides an historical account of transportation in the Ohio Valley, with special attention paid to its waterways, commerce, and trade. The book includes illustrations and an index.

## **SOIL CONSERVATION**

***Native Woody Plants of the United States: Their Erosion-Control and Wildlife Values.*** William Richard Van Dersal. Washington, D.C.: U.S. Government Printing Office, 1939.

Discusses the need for soil conservation in the United States and details the native plants that can contribute to the conservation effort through erosion control. The book contains some illustrations and several maps.

## **STEEL INDUSTRY**

*The Steel Industry in Ohio.* Gil Peterson. Youngstown, OH: Center for Urban Studies, Youngstown State University, 1990.

Prepared by the Center for Urban Studies at Youngstown State University, this booklet discusses the history of the iron and steel industry in Ohio, as well as detailing what the steel industry was still contributing to the state's economy and the nation as of 1990, when the book was published.

*Iron and Steel in the Twentieth Century.* Bruce E. Seely, ed. New York, NY: Facts on File Publications, 1994.

Organized alphabetically, this collection of articles describes many aspects of the steel industry in the twentieth century, as well as providing biographical information about many key figures in the industry during the last century.

*The Ohio Iron and Steel Industry.* Columbus, OH: Ohio Data Users Center, Ohio Dept. of Development, 2000.

A report by the Ohio Department of Development which was intended to provide readers with an understanding of the iron and steel industry. It describes the industry's current status, industry trends over the last decade, and possibilities for the future of the industry.

*Steel Phoenix: The Fall and Rise of the U.S. Steel Industry.* Christopher Hall. New York, NY: St. Martin's Press, 1997.

The story of the American steel industry during two time periods, the late 1950s and the 1990s. It details the closing of mills around the country and their reemergence in later years.

## **STREAM MEASUREMENTS**

*Instream Flow Guidelines.* United States Bureau of Land Management. Washington, D.C.: The Bureau, 1979.

Published in 1979 by the U.S. Bureau of Land Management, this report provides guidelines for the instream flow needs of various resources, for example, recreation, fisheries, etc.

## **WATER CONSERVATION**

*Land and Water.* Frank Ellis Smith. New York, NY: Chelsea House Publishers, 1971.

A two-volume set covering the history of conservation in the United States, with each volume covering a different time span. Volume one deals with the years 1492 through 1900, while volume two covers 1900 to 1970, immediately prior to the publishing of the set.

## **WATER POLLUTION**

*Quality Criteria for Water*. United States Environmental Protection Agency. Washington, D.C.: U.S. Environmental Protection Agency, 1976.

A report by the Environmental Protection Agency detailing the criteria that they use to determine water quality.

## **WATER POWER**

*Energy Primer: Solar, Water, Wind, and Biofuels*. Richard Merrill, ed.. Menlo Park, CA: Portola Institute, 1974.

Provides useful information regarding various methods of energy production. Water power is only one of several energy sources discussed.

## **WATER QUALITY**

*Handbook of Public Water Systems*. Robert B. Williams & Gordon L. Culp, eds.. New York, NY: Van Nostrand Reinhold, 1986.

Provides reference material to all those interested in studying methods for enhancement of water quality. It also provides technical information for those involved in providing water for public consumption.

*Water Quality and Treatment: A Handbook of Community Water Supplies*. American Water Works Association. New York, NY: McGraw-Hill, 1990.

Provides academic level information about the theory of water treatment practice, including such areas as water quality, water treatment processes, and water quality control among others.

## **WATER RESOURCES DEVELOPMENT**

*The Nation's Water Resources, 1975-2000: Second National Water Assessment*. Water Resources Council. Washington, D.C.: U.S. Government Printing Office, 1979.

An assessment of water resources in the U.S. published in 1978. It also contained projections for future water requirements, taking into consideration population, water quality, and the environment.

## **WEATHER**

***The Weather Almanac: A Reference Guide to Weather, Climate, and Related Issues in the United States and Its Key Cities.*** Richard A. Wood, ed. New York, NY: Gale Research, 1996.

Includes a wide range of maps, charts, and safety rules relating to weather that are based on past records, research, and experience, so that users may get a sense of what may be expected from our atmosphere. The book is also full of statistical material relating to weather.

***The Weather Handbook: A Summary of Climatic Conditions and Weather Phenomena for Selected Cities in the United States and Around the World.*** H. McKinley Conway & Linda L. Liston, eds. Norcross, GA: Conway Data, 1990.

Provides descriptions of various weather phenomena, weather risk profiles for the states, and descriptions of major weather related disasters that have occurred around the world. There are also weather summaries for the major U.S. cities, and various weather related maps.

***Dick Goddard's Weather Guide and Almanac for Northeast Ohio.*** Dick Goddard. Cleveland, OH: Gray & Co., 1998.

Focuses on weather in northeast Ohio, and includes information about the causes of our weather, safety tips for severe weather, daily average temperatures, and how-to information for understanding a forecast. Also included are tales of the greatest storms in local history.