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The Edmund A. Schofield Collection

Walden Woods Ecosystem I

A Guide to the Collection



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THE EDMUND A. SCHOFIELD COLLECTION

Walden Woods Ecosystem I

SCOPE AND CONTENT

The records include maps, bibliographic notes, scientific articles, excerpts from books, government reports, and research notes.

It is arranged in the following series:

- Series I. Ecology
- Series II. Hydrology
- Series III. Geology
- Series IV. Maps

Series I, *Ecology*, contains research about the Walden Pond and Woods ecosystem, government studies on the region, articles and book excerpts on the local ecology (including plants, animals, forest, and soil), and material on natural disasters and their effects on the region.

Series II, *Hydrology*, includes research, articles, and book excerpts about the bodies of water in Walden and the surrounding areas.

Series III, *Geology*, contains articles, book excerpts, research, and scientific diagrams on the geological properties (including glacial geology and information on Glacial Lake Sudbury) of Walden and the surrounding areas.

Series IV, *Maps*, contains historical, modern, and scientific maps of Walden and the surrounding region.

CONTAINER LIST

- Drawer 21: 1-50
- Drawer 22: 51-106
- Drawer 23: 107-177

Series I. ECOLOGY

- 1. Walden ecosystem report
 - Working raft of *The Walden Ecosystem*, Edmund A. Schofield, 1990
- 2. The Walden Ecosystem bibliography
 - Bibliography of sources relating to Walden Woods and its immediate vicinity; 2 copies
- 3. WP resource study
 - The Concord Saunterer, Thomas Blanding, The Thoreau Society, December 1988
 - Draft of report: *Walden Pond and Woods Special Resource Study: Reconnaissance Report*, November 2001
 - Report: *Walden Pond and Woods Special Resource Study*, September 2002
 - Letter from Marie Rust (regional director of National Park Service) re: *Special Resource Study of Walden Pond and Woods*, 14 July 2003
- 4. Walden special resource study
 - Letter from Kathi Anderson to friends of Walden Woods re: *Special Resource Study of Walden Pond and Woods*
 - Letter from Marie Rust to friends re: *special resource study of Walden Pond and Woods*
 - Correspondence between Edmund Schofield and Brian Aviles of National Park Service
 - *Walden Pond and Woods Special Resource Study*, September 2002
- 5. Walden Woods (WPSR) G.O.A.L.S. (report, etc.)
 - *Guidelines for Operations and Land Stewardship*, Massachusetts Department of Environmental Management
- 6. Ecological manager, Walden Pond State Reservation
 - Set of instructions: *For Walden Pond Ecological Manager*
- 7. Walden Pond State Reservation (WPSR), carrying capacity (intensity of use)
 - Statistics on annual visitation rates of Walden Pond and other national reservations
 - Letter to Deb from Clark University re: comparison between intensity of use of Walden Pond and other national parks
- 8. Walden Pond historical description
 - Scanned image of excerpt: *Walden Pond. Concord, (Mass.), Vermont Gazette*, 28 August, 1821
 - Schofield notes; 1 sheet
- 9. Where's Walden?
 - Presentation notes (copies of Powerpoint slides, overhead projector sheets) on Walden Woods and the scientific study of the region

- **10.** Where's Walden 2
 - Continuation of *Where's Walden?* presentation notes
- **11.** Walden Woods – descriptions
 - Annotated excerpt: *Wonder-Working Providence of Sions Saviour*, Edward Johnson, 1654, from *Original Narratives of Early American History*, J. Franklin Jameson, 1910
- **12.** Walden Woods ecology
 - *Sand and Water, Fire and Ice: Insights into the Ecology of Thoreau's Walden Woods*, Edmund Schofield, 6 October 1998
 - Bibliography: *Walden Woods and Walden Pond: Articles on Plants, Animals, and Natural History*, 1 July 2004
- **13.** Walden Woods – ecological regions
 - Map: *The Ecoregion/Subregion Boundary Transition Widths – Massachusetts*, Glenn E. Griffith, James M. Omernik, Suzanne M. Pierson, 6 October 1992
 - Schofield notes; 1 sheet
- **14.** Walden Woods – ecology, “Walden Three,” Kehr, Kurt
 - Excerpt from *Woodland Ecology: Environmental Forestry for the Small Owner*, Leon S. Minckler, 1975
 - *Walden Three: Ecological Changes in the Landscape of Henry David Thoreau*, Kurt Kehr, *Journal of Forest History*, January 1983
- **15.** Walden Woods – Beech Spring, Beecher Grove
 - News article: *Lincoln's Jacob Baker Farm Has 'Glacial' Link to Thoreau Legacy*, J. Walter Brain, *Concord Journal*, 7 July 1994
- **16.** Proceedings of the Boston Society of Natural History
 - Photocopy of title page: *Proceedings of the Boston Society of Natural History*, 1891
- **17.** The Meadows' Messenger – National Wildlife Refuge
 - *The Meadows' Messenger*, Great Meadows National Wildlife Refuge, 1998
- **18.** Walden Woods – remote sensing
 - *Remote Sensing 20 Years of Change in Middlesex County, Massachusetts, 1951-1971*, William P. MacConnell, Marcia Cobb, November 1974
- **19.** Walden Woods: ecosystems
 - Presentation slides: quotes from *Walden* and notes on Walden ecosystem
 - Schofield bibliographic notes on Walden ecology; 1 sheet
- **20.** Articles and books (titles) on the subject of ecology
 - Copies of book title pages (on ecology/ecosystems)
- **21.** Level of integration concept and ecology by J.S. Rowe
 - Article: *The Level-of-Integration Concept and Ecology*, J.S. Rowe, *Ecology*

- **22. Biodiversity**
 - *A Bibliography of Biodiversity and Natural History in the Sudbury and Concord River Valley Including the Great Meadows, Estabrook Woods, and Walden Woods*, Stephen F. Ells, April 2002
 - *Updates to Ells' Sudbury-Concord River Bibliography of Biodiversity Through September 1, 2003*
- **23. E. Schofield notes on the ecology of Walden Woods**
 - Excerpt from *Description of the Ecoregions of the United States*, United States Department of Agriculture, 1995
 - Excerpt from *Ecological Subregions of the United States: Section Descriptions*, W. Henry McNab and Peter E. Avers, July 1994
 - Schofield notes (bibliographic and quotes) on Walden ecosystem; 46 sheets
- **24. Walden Woods – ecology bibliography**
 - *The Walden Ecosystem: Bibliography of Books, Periodical and Newspaper Articles, Maps, and Other Sources Relating to, Describing, or Mentioning Walden Woods and its Immediate Vicinity*, Edmund Schofield, 26 April 1996
 - *The Ecology of Walden Woods: A Selected Bibliography*, Edmund Schofield
- **25-28: Forest Ecology**
 - **25. Forest history of Concord**
 - *From Primitive Woods to Cultivated Woodlots: Thoreau and the Forest History of Concord, Massachusetts*, Gordon G. Whitney, William C. Davis, *Journal of Forest History*, April 1986
 - **26. Walden Woods – ecology, forest ecology, mast, oaks, and interactions**
 - *Of Mice and Mast: Ecological Connections in Eastern Deciduous Forests*, Richard S. Ostfeld, Clive G. Jones, Jerry O. Wolff, *BioScience*, May 1996
 - **27. Walden Woods – ecology, northern pine-oak forest**
 - *Indicator Species of the Northern Pine-Oak Forest*
 - Excerpt from *A Field Guide to Eastern Forests, North America*, John C. Kricher, 1988
 - Excerpts from *Deciduous Forests of Eastern North America*, E. Lucy Braun, 1950
 - Excerpt from *Reading the Woods: Seeing More in Nature's Familiar Faces*, Vinson Brown, 1969
 - Schofield notes; 1 sheet

- 28. Indicator species of the northern pine-oak forest
 - *Indicator Species: Northern Pine-Oak Forest, Walden Woods Variant, Explanation of Symbols*
 - *Indicator Species of the Northern Pine-Oak Forest*
 - Schofield notes; 3 sheets
- 29-31: Flora and Fauna
 - 29. Plants, trees in Walden Woods
 - Schofield notes on plants and trees in Walden Woods; 4 sheets
 - 30. Birds of Concord
 - Excerpts from *The Birds of Concord*, Ludlow Griscom, 1949
 - 31. Hawk and great gray owls
 - Excerpt from *The Auk*, January 1908
 - *The Great Horned Owl (Bubo virginianus virginianus [Gmelin]), An Indicator Species of the Northern Pine-Oak Forest*
- 32-43: Soil
 - 32. Walden Woods, soils – influence of relief, pedogenesis
 - Excerpt from *Soil Genesis and Classification*, S.W. Buol, F.D. Hole, R.J. McCracken, 1973
 - 33. Walden Woods, soils: influence of relief upon pedogenesis
 - Excerpt from *Natural Ecosystems*, W.B. Clapham, Jr., 1973
 - *Soils of the Walden Ecosystem*, Thomas Peragallo
 - 34. Walden Woods – soils (II)
 - Excerpt from *The Nature and Properties of Soils: A College Text of Edaphology*, T. Lyttleton Lyon, Harry O. Buckman, Nyle C. Brady, 1952
 - Excerpt from *A Geologist's View of Cape Cod*, Arthur N. Strahler, 1966
 - Excerpt from *Our Soils and Their Management: An Introduction to Soil and Water Conservation*, Roy L. Donahue, 1961
 - Base maps produced by soil survey, 5 February 2003
 - 35. Walden Woods – soils, pedogenesis, succession, soil-plant interaction
 - Excerpt from *Soil Genesis and Classification*, S.W. Buol, F.D. Hole, R.J. McCracken, 1973
 - 36. Soils of Walden ecosystem
 - *Soils of the Walden Ecosystem*, Thomas Paragallo
 - 37. Soil survey, 1924
 - *Soil Survey of Middlesex County, Massachusetts*, W.J. Latimer, 1924
 - 38. Soil survey, 1991
 - *Middlesex County, Massachusetts Interim Soil Survey Report*, March 1991

- 39. Walden Woods – soils
 - *Soil Survey, Middlesex County: A Resource Planner's Guide*, June 1989
 - Various papers on soil data
- 40. Soils for various land uses, Concord, 1966
 - *Soils and Their Interpretations for Various Land Use, Town of Concord, Middlesex County, Massachusetts*, May 1966
- 41. Soils for various land uses, Lincoln, 1971
 - *Soils and Their Interpretations for Various Land Use, Town of Lincoln, Middlesex County, Massachusetts*, October 1971
- 42. Soil survey, Middlesex County, 1986
 - *Middlesex County, Massachusetts Interim Soil Survey Report*, July 1986
- 43. Soil survey, Middlesex County, 1989, 1924
 - *Middlesex County Soil Survey: A Resource Planner's Guide*, June 1989
 - *Soil Survey of Middlesex County, Massachusetts*, W.J. Latimer, 1924
- 44-50: Natural Disasters
 - 44-48: Fires
 - 44. Walden Woods – fire, fire of May 18, 1896
 - Research and notes (including those on climate) on the fire of 1896
 - 45. Fires, fire ecology
 - Appendix from *Astronomical and Meteorological Observations Made at the United States Naval Observatory during the Year 186*, Charles H. Davis, 1868
 - *Precipitation*
 - News article: *A March Drought May Yield April Fires*, Raja Mishra, Boston Globe, 29 March 2006
 - Schofield notes on fire ecology; 34 sheets
 - 46. Fire ecology
 - Scanned articles of fires in Walden Woods and vicinity, 1950-1965
 - Schofield notes; 1 sheet
 - 47. Walden Woods, fire, ecology
 - Map: *Walden Woods in 1895-96*
 - Article: *Fire may help the ecosystem, but it's still a demon to me*, Debra Trione, The Minuteman Chronicle, 8 August 1991
 - Schofield notes on fire ecology; 10 sheets

- Excerpt from *A Theory of Forest Dynamics: The Ecological Implications of Forest Succession Models*, Herman H. Shugart, Springer-Verlag, 1984
- Article: *Weather Preceding Forest Fires in New Hampshire*, Livingston Lansing, Bulletin American Meteorological Society, 20 January 1939
- Schofield notes on fire ecology; 2 sheets
- Excerpt from *The Birds of Concord*, Ludlow Griscom, 1949
- Computer printout of bibliography on fire ecology
- Schofield notes: *Burnt Woods*; 1 sheet
- Excerpt from *Woodlands*, J.D. Ovington, 1965
- Excerpt from *Ecology, Evolution, and Population Biology*
- Excerpt from *The Nature of Vegetation: Its Management and Mismanagement*, Frank E. Egler, 1977
- Excerpt: from *Natural Ecosystems*, W.B. Clapham, Jr., 1973
- Excerpt from *Forest Soils: Their Properties and Relation to Silviculture*, S.A. Wilde, 1958
- Excerpt from *The Study of Plant Communities: An Introduction to Plant Ecology*, Henry J. Oosting
- Excerpt from *The Study of Plant Communities: An Introduction to Plant Ecology*, Henry J. Oosting
- Excerpt from *Plant Sociology: The Study of Plant Communities*, J. Braun-Blanquet, 1932
- Excerpt from *Basic Ecology*, Eugene P. Odum
- Excerpt from *Introduction to Plant Geography and Some Related Sciences*, Nicholas Polunin, 1960
- Excerpt from *Our Soils and Their Management: An Introduction to Soil and Water Conservation*, Roy L. Danahue, 1961
- Excerpt from *Reading the Woods: Seeing More in Nature's Familiar Faces*, Vinson Brown, 1969
- Article: *The Yellowstone Fires*, November 1989
- Article: *Our National Parks: The Case for Burning*, Peter Matthiessen, The New York Times Magazine, 11 December 1988
- Article: *The New American Fire*, Stephen J. Pyne, The New York Times, 28 October 1991
- Excerpt from *Fundamentals of Ecology*, Eugene P. Odum

- Excerpt from Robert D. Richardson, Jr.'s talk on Walden Pond Day, May 1994
- Map: *Marplot- Middlesex County, MA*
- Map and letter re: forest fire in Town Forest, Concord, 25 July 1991
- Excerpt on Walden Woods fire, The Farmers' Cabinet, 4 July 1864
- Schofield notes on fire and drought; 3 sheets
- Article: *Carrying the Torch: Fire Can Help Restore the Balance of Nature*, Jennifer Ackerman, Nature Conservancy, September/October 1993
- **48.** Fire of 18 May 1896
 - Copy of newspaper on fire and weather conditions, Concord Enterprise, 21 May 1896
- **49.** Earthquakes in N.E.
 - *Earthquakes in New England*, Edward S. Fratto, Dr. John E. Ebel, Dr. Katharine Kadinsky-Cade, 1980s
- **50.** Flood insurance study, Concord, Lincoln
 - *Flood Insurance Study* for Concord, Federal emergency Management Agency, 3 June 1988
 - *Flood Insurance Study* for Lincoln, Federal emergency Management Agency, 17 June 1986

Series II. HYDROLOGY

- **51.** Study of trophic level conditions of Walden Pond, 1995
 - *Final Report: Study of Trophic Level Conditions of Walden Pond, Concord, Massachusetts, April 1995*
- **52.** Walden Woods – hydrology
 - Research notes and government reports on hydrology of the Walden Woods region
- **53.** Walker, Eugene H., *Walden's Way Revealed, Man and Nature*, 1971
 - *Walden's Way Revealed, Eugene H. Walker, Man and Nature, December 1971*
 - *The Rainfall of New England Historical Statement, J. Henry Weber, 1 December 1929*
 - *Diagram Showing Progressive Average Rainfall in Eastern Massachusetts, 1749-1913*
- **54.** Thoreau Country – Concord rivers and tributaries, "Saving Thoreau's Rivers," Barbara B. Paine, *Mass Audubon*
 - *Saving Thoreau's River, Barbara B. Paine, Massachusetts Audubon, Winter 1965*
- **55.** Crosby, Irving B., *Ground Water in the Pre-Glacial Buried Valleys of Massachusetts,* J. New England Water Works Assoc.
 - *Ground Water in the Pre-Glacial Buried Valleys of Massachusetts, Irving B. Crosby, Journal of the New England Water Works Associations, September 1939*
- **56.** Walden Woods – hydrology, limnology
 - Graphs of limnology, Marjorie Green Winkler, 1993
 - Map of Walden Pond, 1846
 - Schofield notes; 1 sheet
- **57.** Walden Woods – hydrology, Walden Pond – Bathymetry, New England Bathymetrics Lake Maps
 - *Fishing Guide to South Middlesex Ponds, David S. Kaplan, 1995*
 - *New England Bathymetrics Lake Maps*
 - Schofield notes; 2 sheets
- **58.** Walden Woods – hydrology, Sudbury River Watershed
 - Graphs of rainfall received by Sudbury River
- **59.** Walden Woods – Glacial Lake Sudbury
 - Maps and figure of Glacial Lake Sudbury
- **60.** Walden Woods – hydrology, national wetland inventory
 - *National Wetland Inventory: Information and Legend for Map Products*

- **61.** Walden Woods – wetlands
 - *Forested Wetlands of the Northeast*, Richard B. Newton, March 1988
 - Pamphlet: *Pond Watchers: Guide to Ponds and Vernal Pools of Eastern North America*, Massachusetts Audubon Society
 - Pamphlet: *America's Endangered Wetlands*, U.S. Fish and Wildlife Service, 1984
- **62.** Vernal Pools rare wildlife
 - Maps from *Massachusetts Natural Heritage Atlas, 1997/098 Edition*
- **63.** Walden Woods – hydrology, Massachusetts Hydrological Information Matrix, September 1986
 - *Current Water Resources Conditions in Central New England*, Water Resources Division, U.S. Geological Survey
 - *Massachusetts Hydrogeologic Information Matrix*, September 1986
- **64.** Walden Woods – hydrology, wetlands
 - *A Guide to Understanding and Administering the Massachusetts Wetlands Protection Act*, Elizabeth A. Colburn, 1995
- **65.** Schofield's research – ecology, hydrology, Walden Pond
 - *Geohydrology and Limnology of Walden Pond, Concord, Massachusetts*, John A. Colman, Paul J. Friesz, 2001
 - Walden maps
 - Schofield notes; 1 sheet
- **66.** Schofield's research – ecology, hydrology, Massachusetts, pt. 1
 - *Estimation of Low-Flow Duration Discharges in Massachusetts*, Kernell F. Ries, 1993
 - *Massachusetts Stream Water Quality*, Natural Water Summary, 1990-91
 - *Massachusetts Water Supply and Use*, National Water Summary, 1987
 - *Publications of the Water Resources Research Center, University of Massachusetts*
- **67.** Schofield's research – ecology, hydrology, Massachusetts, pt. 2
 - *An Inventory of the Ponds, Lakes, and Reservoirs of Massachusetts*, James A. McCann, John B. Dixon, Robert W. Schleyer, August 1972
 - *Water Resources of Massachusetts*, Alison C. Simcox, 1992
- **68.** SuAsCo
 - Brochure: *Watershed Connections at DEM: Central Region*, Massachusetts Department of Environmental Management
 - EOEa Watershed Team Leader List
 - Suasco Watershed Association Newsletter, Spring 1999
 - Pamphlet: *Help Restore Hop Brook Ponds & Streams*
 - The Wren summer newsletter, Sudbury Valley Trustees, July 1999
 - Pamphlet: *Organization for the Assabet River*
 - Brochure: *Sudbury River Framingham*

- Suasco Watershed Community Council mission statement and timeline
- Letter and envelope from Scott Jackson to Schofield re: rejection for position as extension educator for UMass
- Map: SuAsCo Watershed, Massachusetts
- SuAsCo Watershed Coalition and its mission
- Business card for Nancy A. Bryant, Executive Director of SuAsCo Watershed Coalition
- Business card for Anna Hicks, Extension Educator at UMass
- Business card for Scott D. Jackson, Program coordinator at UMass
- Ad for extension specialist at UMass
- Letter from Joanne Buchanan to Schofield re: confirmation of interview, 18 November 1999
- Directions to SuAsCo office location
- UMass Extension *Natural Resources and Environmental Conservation Program: Strategic Plan*, October 1999
- *Watershed-based Education to Protect Water Resources and Ecosystems*
- Fax from Schofield to Naoko Tshida at UMass, 12 November 1999
- UMass *Waiver of Right of Access to Letters of Recommendation*, 12 November 1999
- UMass *Equal Opportunity/Affirmative Action Information Request*
- Schofield notes on SuAsCo; 7 sheets
- **69.** Walden Woods – limnology, Sandy Pond
 - *Report of the Special Committee of the Condition of the Water Works*, Town of Lincoln, 4 March 1902
 - Schofield notes; 5 sheets
- **70.** Northeast sector swimming study, December 1981
 - *North East Sector Swimming Study*, Mass Department of Environmental Management, May 1981
- **71.** Walden aquatic
 - Presentation slides: charts, photo, and map of pond data
- **72.** Hemond, Harold F., Biogeochemistry of Thoreau's Bog, Concord, Massachusetts, Ecological Monographs, 1980
 - *The Nitrogen Budget of Thoreau's Bog*, Harold R. Hedmond, Ecology, 1983
 - *Biogeochemistry of Thoreau's Bog, Concord, Massachusetts*, Harold F. Hemond, Ecological Monographs, 1980
- **73.** Inventories of ponds and lakes in Massachusetts
 - *An Inventory of the Ponds, Lakes, and Reservoirs of Massachusetts*, James A. McCann, John B. Dixon, Robert W. Schleyer, August 1972
 - WorldCat record
- **74.** Pond temperatures
 - Excerpt from *Proceedings of the Boston Society of Natural History*, 1880

- 75. Walden Pond limnology
 - Email correspondence from Dörte Köster to Schofield re: paper on paleolimnological assessment of human-induced impacts on Walden Pond
 - Thesis (in French) on limnology, Dörte Köster, July 2004
 - Note to Schofield re: research article
 - Article: *Paleolimnological assessment of human-induced impacts on Walden Pond (Massachusetts, USA) using diatoms and stable isotopes*
 - Bibliographic information

Series III. GEOLOGY

- **76.** Boston geological field guide
 - *Puddingstone, Drumlins, and Ancient Volcanoes: A Geologic Field Guide Along Historic Trails of Greater Boston*, James W. Skehan, S.J., 1979
- **77.** Walden Woods – geology, Smith, H.T.U., and H.J. Fraser, “Loess in the vicinity of Boston, Massachusetts”
 - *Loess in the Vicinity of Boston, Massachusetts*, H.T.U. Smith, J.J. Fraser, *American Journal of Science*, 1935
 - Geological map of Walden area
- **78.** Walden Woods – geology, physical geography, geology, and glacial history of W.P.S.R., Thompson, 1987
 - *The Physical Geography, Geology, and Glacial history of Walden Pond State Reservation*, David Thompson, August 1987
- **79.** Walden Woods – geology, Skehan, James W., excerpts from “Puddingstone, Dramuns, and Ancient Volcanoes”
 - Map of Glacial Lake Concord
 - Schofield notes; 4 sheets
- **80.** Illustrations
 - Diagrams on glacial geology
- **81.** Walden Woods – geology, bibliography of geology of Massachusetts
 - *A Summary of the Geology of Eastern Massachusetts*, Franklin W. Fessenden, John Ayers, Steven L. Dean, March 1975
 - Geologic map of Eastern Masscahusetts
 - Schofield notes; 1 sheet
- **82.** Walden Woods – ecology, sand plains
 - Geologic map of Eastern Massachusetts
 - Article: *State Wants to Make Prairie on Martha's Vineyard Acreage*, *Sunday Telegram*, 9 July 1995
 - Excerpt from *The Nature of Vegetation: Its Management and Mismanagement*, Frank E. Egler, 1977
 - Excerpt from *Deciduous Forests of Eastern North America*, E. Lucy Braun, 1950
 - Schofield notes; 2 sheets
- **83.** Walden Woods – the weald, England
 - *The History Back of the Name Walden*, Eugene H. Walker, June 1972
 - Excerpt from *Encyclopedia Britannica*
 - Excerpt from *Weald of Kent and Sussex*, Sheila Kaye-Smith, 1953
 - Excerpt from *A History of the Weald of Kent*, Robert Furley, 1871
 - Diagram of the dome of the weald
 - Schofield notes; 2 sheets

- **84.** Walden Woods – geology, bedrock geology
 - *Guidebook to Field Trips in the Boston Area and Vicinity*, New England Intercollegiate Geological Conference, October 1964
 - *The Marlboro Formation in the Concord Quadrangle*, Norman P. Cuppels, 1964
 - Excerpt from *The Bedrock Geology of Massachusetts*, 1991
 - Schofield notes; 7 sheets
- **85.** Upham, Warren
 - Schofield notes on Warren Upham; 2 sheets
- **86.** The weald
 - *The Weald*, Encyclopedia Britannica
 - Diagram: *The Dome of the Weald and Other Dome*
 - Cover pages of two books on the Weald of Kent
 - Schofield notes on the wealds: 1 sheet
- **87.** Kame
 - Excerpt from *Roadside Geology of Massachusetts*, James W. Skehan, Mountain Press Publishing Company, Missoula, MT, 2001
- **88.** Walden Woods – geology, partial bibliography of the geology of Massachusetts through 1958, Cassidy, 1962
- **89.** Walden Woods – geology, bedrock geology, Crosby, 1877, geological map of Eastern Massachusetts
 - *Geological Map of Eastern Massachusetts and of Boston and Vicinity*, W.O. Crosby, 1977
 - Schofield notes on *Geology of Massachusetts and Rhode island*; 1 sheet
- **90.** Omni Gazetteer
 - Omni Gazetteer of the United States
 - Schofield notes; 1 sheet
- **91.** Geology of Eastern Mass., 1975
 - *A Summary of the Geology of Eastern Massachusetts*, July 1975
- **92.** Surficial geology
 - *Surficial Geology of the Concord Quadrangle, Massachusetts*, Carl Koteff
- **93.** The cove names of Walden
 - *The Cove Names of Walden*, Peveril Meigs, Thoreau Society Bulletin, Summer 1968
- **94-106: Glacial Geology**
 - **94.** Glacial lakes
 - *Glacial Lakes Near Concord, Massachusetts*, Carl Koteff, 1963
 - Diagram of Walden Pond geology
 - **95.** Sand plains of Glacial Lake Sudbury
 - *The Sand Plains of Glacial Lake Sudbury*, James Walter Goldthwait, May 1905
 - **96.** Glacial history – North America
 - *A New Concept of Ice Age History*, Richard J. Lougee

- **97.** Glacial geology – North America
 - *Glacial Marginal Shores and the marine Limit in Massachusetts*, Irving B. Crosby, Richard J. Lougee, 1934
 - *The Role of Unwarping in the Post-Glacial History of Canada*, Richard J. Lougee, 1954
 - *Physiography of the Quinnipiac-Farmington Lowland in Connecticut*, Richard J. Lougee
 - *Deglaciation of New England*, Richard J. Lougee, 1940
 - *Glacial Water Levels in the Thames-Willimantic River Valley*, Richard J. Lougee, Adrian W. Vander PYL, 1951
- **98.** Walden Woods – geology, glacial geology, Koteff & Plessl, 1981, systematic ice retreat in New England
 - *Systematic Ice Retreat in New England*, Carl Koteff, Fred Pessl, Jr., Geological Survey Professional Paper, 1981
- **99.** Glaciation
 - Glaciation research by Richard J. Lougee
- **100.** Geology and glaciers – New England
 - *Biological Survey of the Connecticut Watershed*, New Hampshire Fish and Game Department, 1939
 - *Hanover in the Ice Age*, Richard J. Lougee, 1957
 - *Hanover Submerged*, Richard J. Lougee, 1935
 - *Eighth Report of the Commission for the Study and Correlation of Erosion Surfaces Around the Atlantic*, International Geographical Union, 1956
- **101.** Walden Woods – geology, Glacial Lake Sudbury – misc.
 - Glacial map of Walden area
 - Glacial map of North America and Eastern Europe
- **102.** Walden Woods – surficial geology, glacial lakes, Koteff, Carl, glacial lakes near Concord, Massachusetts
 - *Glacial Lakes Near Concord, Massachusetts*, Carl Koteff, 1963
- **103.** Walden Woods – glacial geology, Upham, Warren, “Walden, Cochituate, and Other Lakes Enclosed by Modified Drift”
 - *Walden, Cochituate, and Other Lakes Enclosed by Modified Drift*, Warren Upham, 4 February 1891
- **104.** Walden Woods – glacial geology, Goldthwait, James Walter, “The Sand Plains of Glacial Lake Sudbury”
 - *The Sand Plains of Glacial Lake Sudbury*, James Walter Goldthwait, May 1905
- **105.** Glacial geology
 - *Glacial Geomorphology*, Donald R. Coates, 1974
 - *Schofield notes; 1 sheet*

- **106.** Systematic ice retreat in New England
 - *Systematic Ice Retreat in New England*, Carl Koteff, Fred Pessl, Jr., 1981

Series IV. MAPS

- **107-128: Historical**
 - **107.** Walden Woods – map, Eastern Massachusetts, 1653
 - Map of Eastern Massachusetts, 1653
 - **108.** Town of Lincoln, 1758, map
 - Copies of sections of larger map of Lincoln in 1758
 - **109.** Concord – map, 1775
 - Map of Walden Woods
 - Quote by Edward Johnson re: reconnoitering of Concord for settlement by scouts, *Wonderworking Providence*, 1635
 - British map of the 19 April 1775 events, perhaps by Walden Woods: *A Plan of the Town and Harbour of Boston*, 1775
 - *Plate II: A View of the Town of Concord*, Amos Doolittle
 - Image of Concord with Walden Woods in background; based on Doolittle's print
 - **110.** Walden Woods – maps, Lincoln, 1775, Glass and Little, 1975
 - Map of Lincoln in 1775
 - **111.** Walden Woods – map, Lincoln, 1794
 - Maps of Lincoln; 1794
 - **112.** Maps – Concord, Lincoln, 18th century
 - Map: *Easterly Part of Old Concord- Set off in 1754 to Lincoln*
 - **113.** Walden Woods maps – 1819, Hales
 - Map of Walden Woods in 1819 by Hales
 - **114.** Walden Woods – maps, Hales, 1819
 - Map of Walden Woods in 1819 by Hales
 - **115.** Map – Concord, Hales, 1830
 - Concord and Walden Woods map: *Map of Boston and its Vicinity: From Actual Survey by John G. Hales, with corrections in 1833*, 1830
 - Schofield notes; 2 sheets
 - **116.** Walden Woods – maps, Hales, John G., 1830
 - Map of Concord, John G. Hales, 1830
 - **117.** Walden Woods – maps, Hales, 1830
 - Map of Walden Woods
 - **118.** Walden Woods – maps, Hales, 1830, Lincoln and Concord maps
 - Maps of Concord and Lincoln, 1830
 - **119.** Walden Woods – maps, Hales, 1819, 1830, Walling, 1852, Walden Woods correlates with surficial geology
 - Letter from Dick to Ed regarding the Carl Koteff 1964 map of the surficial geology of the Concord quadrangle, 18 May 1988
 - Schofield bibliographical notes on Walden Woods maps

- **120.** Walden Woods – maps, Hales, John Groves – biography of NEHG Register, 129, 1
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- **121.** Map, Thoreau County, Concord Village, Jarvis, 1810-20
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 - Map: *Concord Milldam Shops 1810-1820*, Dr. Edward Jarvis, redrawn by T. Reed, 1971
- **122.** Walden Woods – maps, Walling, 1852
 - Map of Walden Woods, 1852
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- **123.** Map – Walden Woods, 1852, Concord part from Whitney and Davis, 1986
 - Map of Concord: *Woodlands in the Nineteenth Century*
- **124.** Map – Walden Woods, Concord and Lincoln, 1889
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- **125.** Walden Woods – maps, Wood, Albert E., 1895
 - Map of Walden Woods: *Plan of Walden Woods in Concord and Lincoln*, Albert E. Wood, September 1895
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- **126.** Plan of Walden Woods, 1895, map
 - Plan of Walden Woods in 1895
- **127.** Walden Woods – maps, Appalachian Mountain Club, 1896
 - Map of Walden Woods in 1896
- **128.** Map – Concord, Bodley, “The Map of Concord,” 1928
 - Maps of Concord in 1928
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 - Map: *Thoreau’s Rivers: Concord, Massachusetts*, Mary Gail Fenn, 1973
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- **130.** Walden Woods – maps, town forest
 - Map: *Concord Town Forest*
- **131.** Maps – Walden Woods, forested land, 1980s-90s
 - Annotated computer printout map: *Forrest Land in Walden Woods*
 - Maps: *Walden Woods: Woodlands in the 1980s*
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 - Copy of list of businesses with an arrow to Waldenbooks, Inc.
 - Maps of Worcester businesses and copies of maps
 - Map of Clark University Campus in Worcester
 - Ad for Thoreau Lyceum
 - Map of Concord
 - Map of Worcester
 - Ads for Maxwell-Silverman's Toolhouse Restaurant in Worcester
- **136.** Map – Concord ("Thoreau Country"), Bryant, 1975, from "Thoreau Country" (Sierra Club Books)
 - Maps of Concord: *Thoreau Country: Showing Localities mentioned by Thoreau in his Journals*, Herbert W. Gleason, 1906
- **137.** Maps
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- **138.** Walden Woods – maps, floodplain insurance maps, Federal Emergency Management Agency, 1988
 - Maps: *Floodway: Flood Boundary and Floodway Map* for Concord, Federal Emergency Management Agency, 1986-1988
- **139.** E. Schofield notes on Walden Woods
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 - Figure: *Fluctuation of water level in Walden Pond and nearby ground water*
 - Excerpt: *Huckleberries*
 - Bibliographic record
- **140-144: Trails/Recreation/Parks/Reservations**
 - **140.** Walden Woods – maps, W.P.S.R. trails and features, Coffin, 1986
 - Large map: *Walden Pond State Reservation: Existing Trails & Features*, Massachusetts Department of Environmental Management, Division of Planning and Development
 - **141.** Walden Woods – maps, cross-country skiing, Lincoln, 1987
 - Cross-country skiing map in Lincoln, 1987
 - **142.** Walden Woods – maps, W.P.S.R., trail maps, various, DEM
 - Map: Walden Pond State Reservation, Massachusetts Department of Environmental Management
 - **143.** Walden Woods – maps, Walden Pond State Reservation, DEM brochure
 - Walden Pond state reservation trail map
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 - **144.** Walden Woods – map, Lincoln, bike trails
 - Bike trails map in Lincoln, Lincoln Conservation Commission

- **145-150: Land Use/Zoning**
 - **145.** Map – Walden Woods, WPA maps, 1938-39, land use
 - WPA land use maps of Walden Woods (1938-39)
 - **146.** Maps – Walden Woods, land use
 - Manual: *Remote Sensing 20 years Change in Massachusetts 1952-1972; Classification Manual; Land-Use and Vegetative Cover Mapping*, William P. MacConnell, September 1975
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 - Ecological maps of Walden Woods
 - **147.** Walden Woods – maps, “Concord 1987,” Long Range Plan Committee
 - Mailing: Concord map and planning information from Long Range Plan Committee, 1987
 - **148.** Walden Woods – maps, 1980s, computer printout from MIT, Barbara Burros
 - **149.** City View/Town View MIT
 - Report: *A request- for a contribution to set up a system of Macs in Concord and Boston to serve as model community networks*, City View/ Town View research project
 - Memo: from Barbara Barros to various Concord offices regarding Concord Town View Project
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 - **150.** Walden Woods – maps, Walden Guardians, Walden Forever Wild
 - Maps of Walden Woods
 - Newsletter: *The Voice of Walden: Walden Forever Wild Newsletter*, Fall 1988
 - Ad for Walden Guardians donations from Concord Journal, 13 October 1988
 - Mapping charts
- **151-177: Geological/Ecological**
 - **151-156: Glacial**
 - **151.** Map – glacial geology of Eastern Massachusetts, buried pre-glacial valleys
 - Annotated map: *The Buried Valleys of the Pre-Glacial Merrimack-Mystic, Sudbury-Charles and Neponset Rivers*

- **152.** Walden Woods – glacial geology, Koteff, Carl, maps, “Glacial Lakes Near Concord, Massachusetts”
 - Map: *Map of the Concord, Mass. Area showing the maximum extent of glacial Lakes Sudbury (Cherry Brook stage) and Concord*; Carl Koteff
- **153.** Walden Woods – maps, surficial geology, Koteff
 - *Geological Quadrangle Maps of the United States: Surficial Geology of the Concord Quadrangle, Massachusetts*, Carl Koteff
 - Report: *Surficial Geology of the Concord Quadrangle, Massachusetts*, Carl Koteff
- **154.** Map – Walden Woods, Koteff & Plesl, 1981, glacial lakes near Concord, stages of lakes Sudbury and Concord
 - Laminated map of Concord, Lincoln, and Sudbury
- **155.** Walden Woods maps – glacial
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 - Aerial photography of Walden Woods
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 - Collection of maps: *Aeromagnetic Map of the Concord Quadrangle: Middlesex County, Massachusetts*, Department of the Interior, United States Geological Survey, 1970
- **167-172: Geological**
 - **167.** Walden Woods – geology, maps
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 - Annotated map: *Some Glacial Effects*
 - Map: *Glacial Lake Sudbury*
 - Lincoln maps: *Cranberry Hunter's Map*, mineral map, *Eskers in Lincoln: Located by Backyard Explorers*, 1973
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 - **168.** Walden Woods – bedrock geology, Zen, Ean, 1983, bedrock geology map of Massachusetts bibliography
 - *Bedrock Geologic Map of Massachusetts*, E-an Zen
 - Annotated table of contents for articles on geology (Walden Pond, glacial Lake Sudbury)
 - **169.** Walden Woods – maps, U.S. geological survey
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 - **170.** Walden Woods – maps, bedrock outcrops
 - Map: *Owing Bedrock Outcrops in the Concord Quadrangle, Massachusetts*, Kenneth G. Bell, 1976; U.S. Geological Survey
 - **171.** Walden Woods – maps, geologic cross section
 - Map: *Route 2 Profile*, adapted from *Route 2: Summary of Environmental Impact Analysis*, 1976
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 - Map: *Surficial Geology; Lincoln: Existing Line*
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- 172. Map – Walden Woods, surficial geology of Walden ecosystem
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 - Annotated maps of Walden Woods
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 - 173. Walden Woods – map, hydrology, National Wetlands Inventory
 - Map of Concord: *National Wetlands Inventory*, Department of the Interior, Fish and Wildlife Service
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 - 175. Walden Woods maps – hydrology, groundwater flow
 - Map: *Walden Woods: Groundwater Flow*, Mapworks, 1989
 - Annotated Walden Woods groundwater flow map
 - Map: *Stratified Glacial Deposits*
 - 176. Map – Walden Woods hydrology, Concord – wetlands
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 - 177. Walden Woods – hydrology, aquifers
 - *Walden Woods: Woodland in the 1980s*, 1987
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