

University of Chicago Library

Guide to the University of Chicago Department of Botany Records 1882-1972



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Descriptive Summary

Identifier	ICU.SPCL.BOTANY
Title	University of Chicago. Department of Botany. Records
Date	1882-1972
Size	62.5 linear feet (67 boxes, 1 slide cabinet)
Repository	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.

Abstract Founded in 1894 under the leadership of John M. Coulter, The University of Chicago Department of Botany quickly grew to become one of modern botany's most influential centers of research and teaching. The work of Henry C. Cowles and others associated with the Chicago school of ecology is generally regarded as one of the most influential forces in the development of ecological studies. This collection includes administrative files, publications, memorabilia and artifacts, and a large collection of photographs documenting plant life, environmental phenomena, and departmental activities.

Information on Use

Access

Open for research. No restrictions

Citation

When quoting material from this collection, the preferred citation is: University of Chicago. Department of Botany. Records, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

Historical Note

In 1894, University of Chicago President William Rainey Harper appointed John Merle Coulter (1851-1928) to lead the newly established Department of Botany. Coulter was a leading American botanist and a friend of Asa Gray (1810-1888), the famed Harvard botanist whose *Manual of Botany* and other texts dominated plant science in the United States. Coulter had founded the *Botanical Gazette* nearly twenty years earlier, and he brought the editorship of the professional journal with him to his new position. In 1896, botanical research at the University of Chicago was further enhanced with the erection of the Hull Biological Laboratories. This complex of four buildings included the Botany Building, which housed classrooms, labs, and a rooftop greenhouse, and Botany Pond, an adjacent outdoor plant study facility.

The University of Chicago's Department of Botany quickly grew to become one of modern botany's most influential centers of research and teaching. By the 1930s, the roster of notable researchers serving on the Botany faculty included Henry C. Cowles and George D. Fuller in ecology, Charles J. Chamberlain in plant morphology, Merle C. Coulter in plant genetics, Adolf C. Noe in paleobotany, and Charles Barnes, William Crocker, and Charles A. Shull in plant physiology. The *Botanical Gazette*, published under the direction of an editorial board drawn from the department's faculty, was American botany's leading journal, and national university evaluations such as the Hughes Report of 1925 ranked the Department of Botany first among its academic peers.

None of the Department of Botany's achievements loomed larger than the new field of plant ecology developed by Henry Chandler Cowles (1869-1939). Cowles was a graduate student of John M. Coulter, a member of the Botany faculty from 1897 onward, and chairman of the department from 1925 until his retirement in 1934.

Cowles's formulation of ecology was first expressed in his Ph.D. thesis, "The Ecological Relations of the Vegetation on the Sand Dunes of Lake Michigan" (1898). Cowles based his thesis on detailed field work he had undertaken in the Indiana Dunes, a wild, unsettled region of beaches, sand dunes, bogs, and woods along the southern shore of Lake Michigan about twenty-five miles from the University of Chicago. Cowles argued that the natural succession of plant forms in time could be traced in physical space as one moved inland from the open lake beach across ancient shorelines through the shifting dunes to the interior forest.

Henry C. Cowles and his theories and methods attracted many students to the Department of Botany, and these students in turn secured positions at other

universities and research institutions. One study of scientific influences by Douglas Sprugel in 1980 concluded that of the seventy-seven recognized American scientists dominant in the field of ecology from 1900 to the early 1950s, no fewer than forty-six were students of Cowles or were directly influenced by professional mentors who had been students of Cowles.

The Chicago school of ecology is generally regarded as one of the most influential forces in the development of ecological studies. While Cowles's theories of ecological community and plant succession have been modified and extended by more recent generations of scientists, they continue to be considered among the most significant departures in the modern understanding of the natural environment.

In 1967, the Biological Sciences Division's proposal for a merger of the Departments of Botany and Zoology was approved. The merger, which formed the Department of Biology, responded to the need for flexibility in the use of resources and funding, as well as broader trends in research and teaching in the biological sciences.

Scope Note

The records of the University of Chicago's Department of Botany include administrative files, publications, memorabilia and artifacts, and a large collection of photographs documenting plant life, environmental phenomena, and departmental activities.

Series I: Office of the Chairman, includes records of the activities of the chair of the Department of Botany, spanning the years 1882-1972. The bulk of material in this series represents the chairmanships of John M. Coulter, Henry C. Cowles, Ezra J. Kraus, John M. Beal and Charles E. Olmsted. Predominant in this series are materials collected for annual reports; materials collected for annual appointment and budget reviews; and faculty recruitment materials. Also included in this series is correspondence regarding grants and development; material related to the Faculty Campaign Committee; pamphlets on the history of the department, compiled by Charles E. Olmsted; correspondence and other material documenting the Department of Botany's administrative relationship to the Department of Zoology and the Department of Pharmacology; chairmanship recommendations; and early issues of Botanical Gazette collected by Charles E. Olmsted.

Series II: Friends of Our Native Landscape, contains publications and other material generated by this conservation group. Material in this series includes copies of Friends of Our Native Landscape's bulletins, as well as items relating to organization and membership in the group.

Series III: Bird Haven, contains memorabilia, publications and other material associated with the Robert Ridgway Memorial Bird Sanctuary and Arboretum, known as Bird Haven. Material in this series includes guest register logs, correspondence, ephemera and conservation publications.

Series IV: Memorabilia, includes three items from the Department of Botany, including two decorative pieces and a departmental guest register. Also included in this series are botanical specimens collected by Charles J. Chamberlain and his students.

Series V: Guides to Photographs, contains information about many of the images collected in Series VI. This series contains catalogues, inventories, and informal lists of photographs held in the Department of Botany. These guides are now obsolete in terms of describing the organization and classification of these images; however, the guides do contain additional descriptive content and information about photographers, dates, and the uses of the photograph collections.

Series VI: Photographs, constitutes the largest and best-documented component of the collection. Most of these images have been digitized and described as part

of American Environmental Photographs, 1891-1936, an electronic resource available online. This series contains over 4,000 photographs documenting natural environments, ecologies, and plant communities in the United States at the end of the nineteenth and the beginning of the twentieth century. Many of the photographs were produced by faculty such as Henry Chandler Cowles and George Damon Fuller during departmental field trips, and were later used for research and teaching. The photographs provide an overview of important representative natural landscapes in the United States. Other photographs in this series represent botanists, including faculty and staff in the department. The items in this series are primarily black and white prints, negatives and slides in small or medium-sized formats. There is some duplication of images.

Related Resources

The following related resources are located in the Department of Special Collections:

<http://www.lib.uchicago.edu/e/spcl/select.html>

American Environmental Photographs, 1891-1936 [electronic resource]

Architectural Drawings Collection. Elevations of Wychwood estate

Henry C. Cowles. Collection

Charles E. Olmsted. Papers

Paul D. Voth. Papers

Subject Headings

- Beal, John M.
- Chamberlain, Charles Joseph, b. 1863
- Coulter, John Merle, 1851-1928
- Cowles, Henry Chandler, 1869-1939
- Fuller, George D. (George Damon), 1869-
- Kraus, Ezra J.
- Nichols, George E. (George Elwood), 1882-1939
- Olmsted, Charles E.
-
-
-
- University of Chicago. Department of Botany
- Bird Haven
- Friends of Our Native Landscape
- Botany -- Photographs
- Botany -- Research
- Canyons -- United States
- Cliffs -- United States

- Coasts -- United States
- Deserts -- United States
- Ecological succession
- Ecology
- Floodplains -- United States
- Forests and forestry -- United States
- Landforms -- United States
- Mountains -- United States
- Prairies -- United States
- Swamps -- United States
- Uplands -- United States
- Wychwood, Lake Geneva, Wis.
-
-
-
-
-
- Indiana Dunes National Lakeshore (Ind.)
- Botanists
- Ecologists
- Botanical specimens

INVENTORY

Series I: Office of the Chairman

The records of the office of the department chairman span the years 1882-1972, with the bulk of material representing the chairmanships of John M. Coulter, Henry C. Cowles, Ezra J. Kraus, John M. Beal and Charles E. Olmsted.

Three types of files are predominant in this series: Material collected for compiling annual reports, such as correspondence, faculty vitae, reports, financial material, publications, and drafts of annual reports; material collected for annual appointment and budget reviews, including budget and salary recommendations, financial material, and related correspondence; and material related to faculty recruitment, including letters of recommendation and other correspondence, publications and biographical material.

Also included in this series is correspondence regarding grants and development; material related to the Faculty Campaign Committee; pamphlets on the history of the department, compiled by Charles E. Olmsted; correspondence and other material documenting the Department of Botany's administrative relationship to the Department of Zoology and the Department of Pharmacology; chairmanship recommendations; and early issues of Botanical Gazette collected by Charles E. Olmsted.

Box 1

Folder 1

Annual report materials, 1949-1965

Box 1

Folder 2

Annual report materials, Wychwood, 1954-1957

Box 1

Folder 3-6

Annual report materials, 1959-1963

Box 1

Folder 7-8

Annual report materials, faculty activities, 1964-1965

Box 1

Folder 9

Annual report materials, 1965

Box 2

Folder 1

Annual report materials, 1965-1967

Box 2

Folder 2

Annual report materials, graduate traineeships, 1966-1967

Box 2

Folder 3-5

Budget and appointment materials, 1919-1940

Box 2

Folder 6

Budget and appointment materials, Frederick L. Milthorpe, 1942- 1967

Box 2

Folder 7-9

Budget and appointment materials, 1944-1950

Box 3

Folder 1-14

Budget and appointment materials, 1949-1966

Box 3

Folder 15-16

Budget and appointment materials, Lawrence Bogorad, 1955- 1968

Box 3

Folder 17

Budget and appointment materials, retired staff, 1948-1965

Box 4

Folder 1-2

Budget and appointment materials, retired staff, 1951-1964

Box 4

Folder 3

Faculty recruitment materials, 1941-1944

Box 4

Folder 4

Faculty recruitment materials, Oswald Tippo, 1959-1960

Box 4

Folder 5-7

Faculty recruitment materials, 1959-1965

Box 4

Folder 8

Faculty recruitment materials, Richard A. Dilley, 1963-1967

Box 4

Folder 9

Faculty recruitment materials, Frederick L. Milthorpe, 1964-1965

Box 4

Folder 10

Faculty recruitment materials, 1964-1966

Box 5

Folder 1-2

Faculty recruitment materials, 1965-1968

Box 5

Folder 3

Faculty recruitment materials, Roderick Clayton, 1966

Box 5

Folder 4

Faculty recruitment materials, Harold Evans, 1966

Box 5

Folder 5

Faculty recruitment materials, Albert List, Jr., 1966

Box 5

Folder 6

Faculty recruitment materials, Roderick MacLeod, 1966

Box 5

Folder 7

Faculty recruitment materials, 1966-1967

Box 5

Folder 8

Faculty recruitment materials, Walter Bertsch, 1967

Box 5

Folder 9

Departmental announcements, 1938-1939

Box 5

Folder 10

Administrative correspondence, 1953-1965

Box 6

Folder 1-2

Faculty Campaign Committee materials, 1956-1965

Box 6

Folder 3

Norma E. Pfeiffer, correspondence, 1964-1969

Box 6

Folder 4

Department of Pharmacology, correspondence, 1957-1960

Box 6

Folder 5

Departmental history pamphlets, 1966

Box 6

Folder 6

Merger of departments of Botany and Zoology, correspondence and recommendations, 1967

Box 6

Folder 7

Department chairmanship nominations, 1972

Box 6

Folder 8

Fragment of unidentified document, undated

Box 6

Folder 9

Botanical Gazette, 1882-1883

Series II: Friends of Our Native Landscape

This series contains copies of Friends of Our Native Landscape's bulletins, dating from 1945-1961, as well as a small number of items relating to the group's organization and membership, such as announcements, a handbook, and a membership list.

Box 6

Folder 10

Handbook, circa 1940s

Box 6

Folder 11

Organizational and membership material, 1947

Box 6

Folder 12

Bulletins, 1945-1949

Box 7

Folder 1-3

Bulletins, 1950-1961

Series III: Bird Haven

This series contains memorabilia and other material from Bird Haven, including three guest register logs, correspondence, ephemera and conservation publications.

Box 7

Folder 4

Guest register and clippings, 1938-1954

Box 7

Folder 5

Guest register, correspondence and notes, 1952-1962

Box 7

Folder 6

Guest register, 1962-1969

Box 7

Folder 7

Handbill, invitation and conservation publications, 1898-1929

Series IV: Memorabilia and Artifacts

Memorabilia in this series includes three items from the Department of Botany, including two decorative pieces and a departmental guest register. Also included in this series are botanical specimens collected by Charles J. Chamberlain and his students. Some of these specimens are mounted on glass slides, while others are encased in wax blocks. Chamberlain and his students often included identifying information on the boxes in which the specimens are housed. An anastigmat, used for the production of lantern slides and associated with Charles J. Chamberlain, is also found in this series.

Box 8

Folder 1

John M. Coulter, reproduction of portrait, 1925

Box 8

Folder 2

Wood album cover, unidentified

Box 8

Folder 3

Guest register, 1949-1966

Box 9

Charles J. Chamberlain, seven boxes of botanical specimens in wax blocks, circa 1921

Box 10

Charles J. Chamberlain, six boxes of botanical specimens in wax blocks, circa 1921

Box 11

Charles J. Chamberlain, five boxes of botanical specimens mounted on glass slides, circa 1921

Box 12

Charles J. Chamberlain, anastigmat, circa 1921

Series V: Guides to Photographs

This series contains catalogues, inventories, and informal lists of photographs held in the Department of Botany, many of which are now included in Series VI of this collection. These guides are now obsolete in terms of describing the organization and classification of these images; however, the guides do contain additional descriptive content and information about photographers, dates, and the uses of the photograph collections. Not all of the photographs mentioned in these guides are included in Series VI.

This series is divided into 6 subseries to distinguish among the types of guides included. The first four subseries consist of card files that were likely to have been first compiled by students

under Henry C. Cowles. The remaining subseries contain material from a variety of sources in the Department of Botany.

Subseries 1: Index of Species by State, is a card file organized alphabetically by U.S. state. This file indexes the photographs according to the Latin name of species represented.

Subseries 2: Index of Individuals, Groups and Locations, is a card file organized alphabetically by name. This file indexes the photographs according to the names of subjects represented, including faculty, staff, student and professional groups, events, and geographic locations.

Subseries 3: Index of Miscellaneous Subjects, is a card file organized alphabetically. This file indexes the photographs according to subjects and scientific processes represented. Most of the indexed terms are scientific, including common and Latin botanical names.

Subseries 4: Index of Miscellaneous Subjects by Foreign Location, is a card file organized alphabetically by country, continent, or other region. This file indexes the photographs according to subjects represented, including species and other scientific subjects, as well as individuals, groups, and locations.

Subseries 5: Catalogues and Lists, includes several short guides to a variety of parts of the photograph collection. These guides were compiled by several different faculty and students around the 1920s-1940s. Most of these guides do not contain detailed information about the images, but were meant to serve as basic inventories of parts of the photograph collection.

Subseries 6: Boxes, Envelopes and Sleeves, includes many of the original containers in which the images were housed for processing or transport. Many of these containers are annotated, or have stamps or other identifying information.

Subseries 1: Index of Species by State

Box 13

Alabama

Box 13

Alaska

Box 13

Arizona

Box 13

Arkansas

Box 13

California

Box 13

Colorado

Box 13

Connecticut

Box 13

Delaware

Box 13

Florida

Box 13

Hawaii

Box 13

Idaho

Box 14

Illinois

Box 14

Indiana

Box 14

Iowa

Box 14

Kansas

Box 14

Kentucky

Box 14

Louisiana

Box 14

Maine

Box 14

Massachusetts

Box 14

Maryland

Box 14

Michigan

Box 15

Michigan

Box 15

Missouri

Box 15

Minnesota

Box 15

Mississippi

Box 15

Montana

Box 15

Nebraska

Box 15

Nevada

Box 15

New Hampshire

Box 15

New Jersey

Box 15

New Mexico

Box 15

New York

Box 15

North Carolina

Box 15

Ohio

Box 15

Oklahoma

Box 15

Oregon

Box 15

Pennsylvania

Box 15

South Dakota

Box 15

Tennessee

Box 15

Texas

Box 15

Utah

Box 15

Washington

Box 15

Wisconsin

Box 16

Wyoming

Subseries 2: Index of Individuals, Groups, Events and Locations

Box 16

A-Z

Subseries 3: Index of Miscellaneous Subjects

Box 16

A-L

Box 17

L-Z

Subseries 4: Index of Miscellaneous Subjects by Foreign Location

Box 17

Canada

Box 18

Abyssinia

Box 18

Africa

Box 18

Algeria

Box 18

Argentina

Box 18

Asia

Box 18

Austria

Box 18

Belgium

Box 18

Brazil

Box 18

Chile

Box 18

China

Box 18

Congo

Box 18

Cuba

Box 18

Denmark

Box 18

Egypt

Box 18

England

Box 18

Europe

Box 18

France

Box 18

Germany

Box 18

Guatemala

Box 18

Holland

Box 18

India

Box 18

Indonesia

Box 18

Ireland

Box 18

Italy

Box 18

Japan

Box 18

Kenya

Box 18

Mexico

Box 18

New Guinea

Box 18

New Zealand

Box 18

Philippines

Box 18

Portugal

Box 18

Russia

Box 18

Samoa

Box 18

Scotland

Box 18

South Africa

Box 18

South America

Box 18

Sri Lanka

Box 18

Sweden

Box 18

Switzerland

Box 18

Tahiti

Box 18

Tanzania

Box 18

Thailand

Box 18

Uruguay

Box 18

Unidentified

Box 18

British Columbia, Canada

Box 19

British Columbia, Canada

Box 19

Manitoba, Canada

Box 19

Nova Scotia, Canada

Box 19

Ontario, Canada

Box 19

Quebec, Canada

Box 19

Saskatchewan, Canada

Box 19

Unsorted cards

Subseries 5: Catalogues and Lists

Box 20

Folder 1

Catalogue of negatives, circa 1920s-1940s

Box 20

Folder 2

Lists of photographs by state, circa 1920s-1940s

Box 20

Folder 3

Merle C. Coulter, list of lantern slides, 1940

Box 20

Folder 4

Classification and lists of lantern slides, circa 1920s-1940s

Box 20

Folder 5

Lists of photographs, circa 1930s-1940s

Subseries 6: Boxes, Envelopes and Sleeves

Box 21

Mailing envelopes

Box 21

Glass plate boxes

Box 22

Negative sleeves

Series VI: Photographs, circa 1891-1936

This series contains thousands photographs documenting natural environments, ecologies, and plant communities in the United States at the end of the nineteenth and the beginning of the twentieth century. Many of the photographs were produced by faculty such as Henry Chandler Cowles and George Damon Fuller during departmental field trips, and were later used for research and teaching. The photographs provide an overview of important representative natural landscapes in the United States. Other photographs in this series represent botanists, including faculty and staff in the department. In addition to locations in the United States, there are images of foreign locations, as well as photographic reproductions of diagrams, graphs and charts.

The items in this series are primarily black and white prints, negatives and slides in small or medium-sized formats. There is some duplication of images.

This series is divided into eight subseries. Subseries 1-7 are organized by format, with each subseries then organized by state. Coded numbers assigned during digitization processing can be used to uniquely identify individual images; however, these numbers do not represent the original organization or classification of the photographs. Subseries 8: Unsorted Photographs, consists of images in a variety of formats; these images have not been organized or described in detail.

Additional descriptive information about some of these photographs is found in Series V. Most of these images have also been digitized, with detailed descriptions, as part of American Environmental Photographs, 1891-1936, an electronic resource available online.

Subseries 1: Prints

Box 23

Folder 1

Arizona

- AEP-AZP1, View from the southeast of Parkinsonia, Carnegia gigantea, Covillea, Echinocactus, and Opuntia at the Carnegie Desert Biological Laboratory, Tucson, Arizona
- AEP-AZP2, Hugo de Vries, Francis Lloyd, and William Austin Cannon at the Carnegie Desert Botanical Laboratory, Tucson, Arizona
- AEP-AZP3, Hugo de Vries and William Austin Cannon and a view of Parkinsonia sp. and Covillea sp. looking west from the Carnegie Desert Botanical Laboratory, Tucson, Arizona
- AEP-AZP4, Hugo de Vries and Francis Lloyd looking west from the Carnegie Desert Botanical Laboratory, Tucson, Arizona
- AEP-AZP5, View of Carnegia gigantea looking west from the Carnegie Desert Botanical Laboratory, Tucson, Arizona
- AEP-AZP6, Opuntia on the west slope of the Beaver Dam Mountains, Arizona
- AEP-AZP7, Opuntia echinocarpa on the west slope of the Beaver Dam Mountains, Arizona
- AEP-AZP8, Opuntia acanthocarpa on the west slope of the Beaver Dam Mountains, Arizona
- AEP-AZP9, Opuntia on the west slope of the Beaver Dam Mountains, Arizona
- AEP-AZP10, Felled trees on slope, Arizona

Box 23

Folder 2

Arkansas

- AEP-ARP1, Beehives on stilts in a flood region, Manila, Arkansas

Box 23

Folder 3

California

- AEP-CAP1, Oak showing the influence of sea breezes, Carmel, California
- AEP-CAP2, Roots of Cupressus macrocarpa exposed by erosion, Carmel, California
- AEP-CAP3, Dudleya on a cliff ledge, Carmel, California
- AEP-CAP4, Sequoia sempervirens, Muir Woods, California

- AEP-CAP5, Sequoia sempervirens, Muir Woods, California
- AEP-CAP6, Panoramic view of Sequoia sempervirens, Muir Woods National Monument, California
- AEP-CAP7, Mt. Tamalpais, California
- AEP-CAP8, Burned and unburned Chaparral separated by a trail, Mt. Tamalpais, California
- AEP-CAP9, George Damon Fuller standing in burned Chaparral starting into growth, Mt. Tamalpais, California
- AEP-CAP10, Close view of several Cupressus goveniana near Mt. Tamalpais, California
- AEP-CAP11, Slopes of Mt. Tamalpais, California
- AEP-CAP12, Scanty Chaparral on the rocky slopes of Mt. Tamalpais, California
- AEP-CAP13, Burned Chaparral on Mt. Tamalpais, California
- AEP-CAP15, Cupressus goveniana near Mt. Tamalpais, California
- AEP-CAP16, On Mt. Tamalpais, California
- AEP-CAP17, Yucca brevifolia in the Mojave Desert, California
- AEP-CAP18, Echinocactus polyancistrus on the east slope of the White Mountains, Inyo County, California
- AEP-CAP19, Opuntia, White Mountains, Inyo County, California
- AEP-CAP20, Cactus on the east slope of the White Mountains, Inyo County, California

Box 23

Folder 4

Connecticut

- AEP-CTP1, A peat bog, Kensington, Connecticut

Box 23

Folder 5

Delaware

- AEP-DEP1, Sand dune, Rehoboth Beach, Delaware

Box 23

Folder 6

Idaho

- AEP-IDP1, Forest burn, Sand Point, Idaho

Box 23

Folder 7

Illinois

- AEP-ILP1, An upland morainic forest, Beverly Hills, Illinois
- AEP-ILP2, Northern Red and White Oak forest, Beverly Hills, Illinois
- AEP-ILP3, A mesophytic floodplain forest, Beverly Hills, Illinois
- AEP-ILP4, A mesophytic floodplain forest, Beverly Hills, Illinois
- AEP-ILP5, Calumet stage beach with Oaks, Summit, Illinois
- AEP-ILP6, Calumet stage beach with Oaks, Summit, Illinois
- AEP-ILP7, Calumet stage beach with Oaks, Summit, Illinois

Box 24

Folder 1

Illinois

- AEP-ILP8, An outer part of a Bulrush zone, Calumet Lake, Illinois

- AEP-ILP9, Cattail zone, Calumet Lake, Illinois
- AEP-ILP10, Bulrush zone at Calumet Lake, Illinois
- AEP-ILP11, Inner part of a Bulrush zone at Calumet Lake, Illinois
- AEP-ILP12, A beach ridge, Summit, Illinois
- AEP-ILP13, A low Sedge prairie, Calumet Lake, Illinois
- AEP-ILP14, A low Sedge prairie, Calumet Lake, Illinois
- AEP-ILP15, Grasses on prairie reclaimed from Calumet Lake, Pullman Illinois
- AEP-ILP16, An embryonic beach dune held by *Ammophila* sp., Cheltenham, Illinois

Box 24

Folder 2

Illinois

- AEP-ILP17, *Quercus* on an embryonic beach dune held by *Elymus canadensis*, Cheltenham, Illinois
- AEP-ILP18, *Salix* filling a lagoon on the south side of Chicago, Illinois
- AEP-ILP19, *Salix* filling a lagoon on the south side of Chicago, Illinois
- AEP-ILP20, *Salix* filling a lagoon on the south side of Chicago, Illinois
- AEP-ILP21, A lagoon filling with Bulrushes and Sedges on the south side of Chicago, Illinois
- AEP-ILP22, A lagoon filling with Bulrushes and Sedges on the south side of Chicago, Illinois
- AEP-ILP23, *Betula papyrifera* showing drooping branches and peeling bark, Washington Park, Chicago, Illinois

Box 24

Folder 3

Illinois

- AEP-ILP24, *Larix europaea*, Washington Park, Chicago, Illinois
- AEP-ILP25, *Pinus nigra* showing tufted leaves, Washington Park, Chicago, Illinois
- AEP-ILP26, A quarry pool and outcrop of Niagara limestone, Stony Island, Chicago, Illinois
- AEP-ILP27, Niagara Limestone outcrop in an old quarry, Stony Island, Chicago, Illinois
- AEP-ILP28, *Heuchera* on a Niagara limestone outcrop in an old quarry, Stony Island, Chicago, Illinois
- AEP-ILP29, Niagara limestone outcrop in an old quarry, Stony Island, Chicago, Illinois
- AEP-ILP30, A hog marsh on low prairie on the south side of Chicago, Illinois

Box 25

Folder 1

Illinois

- AEP-ILP31, *Corylus* on a beach ridge near the University of Chicago, Chicago, Illinois
- AEP-ILP32, *Quercus* and *Corylus* on a beach ridge near the University of Chicago, Chicago, Illinois
- AEP-ILP33, *Ulmus americana* standing in front of *Larix europaea*, Washington Park in winter, Chicago, Illinois
- AEP-ILP37, *Washingtonia filifera* in the Washington Park greenhouse, Chicago, Illinois

- AEP-ILP38, Saintpaulia, one of the Gesneriaceae in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP39, View in the Washington Park greenhouse of Musa sapientum and Alsophila, Chicago, Illinois
- AEP-ILP40, Selaginella martensii in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP41, Pothos climbing on a Latania trunk in the Washington Park greenhouse, Chicago, Illinois

Box 25

Folder 2

Illinois

- AEP-ILP42, Adiantum showing light relation and intimately decomposed leaves, Chicago, Illinois
- AEP-ILP43, Jars of the algae Monogentia, Spirogyra, Chara, and the liverwort Riccia fluitans, Chicago, Illinois
- AEP-ILP44, A desert group in the greenhouse, Opuntia, Cereus, Agave, Echinocactus, and Aloe, Chicago, Illinois
- AEP-ILP45, Anthurium showing absorptive aerial roots, Chicago, Illinois
- AEP-ILP46, Araucaria bidwillii in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP47, Aquaria with Elodea canadensis and Ceratophyllum demersum, Chicago, Illinois
- AEP-ILP48, Chrysanthemum showing light relation and intimate leaf division, Chicago, Illinois

Box 25

Folder 3

Illinois

- AEP-ILP49, Chrysanthemum showing light relation and compound cylindrical leaves, Chicago, Illinois
- AEP-ILP50, Dracaena in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP51, Cotyledon showing light relation, Chicago, Illinois
- AEP-ILP52, Erica, a plant with ericoid leaves in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP53, Young plants of Euphorbia showing thorns in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP54, Ligustrum vulgare showing leaves in rows, Chicago, Illinois
- AEP-ILP55, Zantedeschia aethiopica, showing many narrow leaves in a row, Chicago, Illinois
- AEP-ILP56, Heliotropic seedling of Nasturtium, bean, and pea, Chicago, Illinois

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Illinois

- AEP-ILP57, Nymphaea, Eichhornia crassipes, and Myriophyllum, Chicago, Illinois
- AEP-ILP58, Emergent leaves of Nelumbium luteum and floating leaves of Nymphaea and Victoria, Washington Park Lily pond, Chicago, Illinois
- AEP-ILP59, An orchid showing xerophytic leaves and aerial roots, Chicago, Illinois
- AEP-ILP60, An epiphytic orchid showing absorptive aerial roots, Chicago, Illinois

- AEP-ILP62, Pellionia showing leaf mosaic, Washington Park greenhouse, Chicago, Illinois
- AEP-ILP63, Platycerium alcicorne and an Arum with mottled leaves in the Washington Park greenhouse, Chicago, Illinois
- AEP-ILP64, A group of Sedums, Cotyledon and Crassula, Chicago, Illinois
- AEP-ILP65, Sempervivum heuffelii showing compact winter condition of rosettes, Chicago, Illinois

Box 26

Folder 2

Illinois

- AEP-ILP79, Dellwood, the Niagara limestone bluffs of Fraction Run near Lockport, Illinois
- AEP-ILP81, Northern White Oak atop a bluff, Glencoe, Illinois
- AEP-ILP84, Early scrub stage on a clay bluff, Glencoe, Illinois
- AEP-ILP85, Bluffs at Glencoe, Illinois

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Folder 3

Illinois

- AEP-ILP86, Crataegus and Pyrus, forerunners of the forest, Glencoe, Illinois
- AEP-ILP87, A young floodplain, Deer Creek, Glencoe, Illinois
- AEP-ILP88, Landslides at clay bluffs, Glencoe, Illinois
- AEP-ILP89, A Rhus typhina thicket, Glencoe, Illinois
- AEP-ILP90, A Quercus rubra and Quercus alba forest, Glencoe, Illinois
- AEP-ILP91, Naked clay bluffs, Glencoe, Illinois
- AEP-ILP92, Bluffs with a well-developed forest, Glencoe, Illinois
- AEP-ILP93, Bluffs with a well-developed forest, Glencoe, Illinois
- AEP-ILP94, Naked clay bluffs, Glencoe, Illinois

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Illinois

- AEP-ILP95, Rhus, Glendon Park, Illinois
- AEP-ILP96, Des Plaines River floodplain with Ambrosia trifida, Glendon Park, Illinois
- AEP-ILP97, Oak on the Des Plaines River floodplain, Glendon Park, Illinois
- AEP-ILP98, The floodplain of the Des Plaines River below an old terraced floodplain, Glendon Park, Illinois
- AEP-ILP99, Quercus macrocarpa, Glendon Park, Illinois
- AEP-ILP100, Crataegus, Glendon Park, Illinois
- AEP-ILP101, The floodplain of the Des Plaines River below an old terraced floodplain, Glendon Park, Illinois
- AEP-ILP102, A Willow zone on the floodplain of the Des Plaines River, Glendon Park, Illinois

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Illinois

- AEP-ILP103, Celtis on the floodplain of the Des Plaines River, Glendon Park, Illinois

- AEP-ILP104, A Willow zone on the floodplain of the Des Plaines River, Glendon Park, Illinois
- AEP-ILP105, Cottonwood forest on the floodplain of the Des Plaines River, Glendon Park, Illinois
- AEP-ILP106, A morainic island, Deer Creek, Glenwood, Illinois
- AEP-ILP107, Crataegus and Vitis on the Thorn Creek floodplain, Glenwood, Illinois
- AEP-ILP108, Oak on a Glenwood stage beach, Glenwood, Illinois

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Folder 3

Illinois

- AEP-ILP109, Oak on a Glenwood stage beach, Glenwood, Illinois
- AEP-ILP110, Thorn Creek floodplain, Glenwood, Illinois
- AEP-ILP111, An oxbow on the Thorn Creek floodplain, Glenwood, Illinois
- AEP-ILP112, The beginning of a clay ravine, Highwood, Illinois
- AEP-ILP113, Vitis, Rhus, and Melilotus on a sand dune with Ostrya and Populus deltoides on a bluff near Highland, Illinois
- AEP-ILP124, A young Fraction Run floodplain, Lockport, Illinois
- AEP-ILP125, Niagara limestone cliffs, Dellwood, Lockport, Illinois
- AEP-ILP126, Platanus on a young Fraction Run floodplain, Lockport, Illinois

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Folder 1

Illinois

- AEP-ILP127, A young Fraction Run floodplain, Lockport, Illinois
- AEP-ILP128, Looking toward our starting point, Dellwood, Lockport, Illinois
- AEP-ILP129, Dellwood near Lockport, Illinois
- AEP-ILP130, A young Fraction Run floodplain, Lockport, Illinois
- AEP-ILP136, Mud cracks in the Rock River floodplain, Oregon, Illinois
- AEP-ILP137, Stages in a floodplain, Margaret Fuller Island, Rock River near Oregon, Illinois
- AEP-ILP138, Stages in a floodplain, Margaret Fuller Island, Rock River near Oregon, Illinois
- AEP-ILP139, Stages in a floodplain, Margaret Fuller Island, Rock River near Oregon, Illinois
- AEP-ILP140, Stages in a floodplain, Margaret Fuller Island, Rock River near Oregon, Illinois
- Folder 2: Illinois
- AEP-ILP141, Stages in a floodplain, Margaret Fuller Island, Rock River near Oregon, Illinois
- AEP-ILP142, A sandstone bluff above the Rock River, Oregon, Illinois
- AEP-ILP144, Limestone walls above Plum Creek, Mt. Carroll, Illinois
- AEP-ILP145, Echinocystis, Chicago, Illinois
- AEP-ILP146, Islands in the Mississippi River, Savanna, Illinois
- AEP-ILP147, Limestone walls, Pine Creek, Illinois
- AEP-ILP148, Sandstone bluffs, Rock River, Oregon, Illinois
- AEP-ILP149, Pinus strobus on sandstone bluffs, Rock River, Oregon, Illinois
- AEP-ILP150, Pinus strobus on sandstone bluffs, Rock River, Oregon, Illinois

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Illinois

- AEP-ILP151, An elbowed trunk of *Pinus strobus* on sandstone bluffs, Rock River, Oregon, Illinois, Oregon, Illinois
- AEP-ILP152, A lagoon filling with Bulrushes, Waukegan, Illinois
- AEP-ILP153, An eagles nest in a Eastern Red Cedar, Oregon, Illinois
- AEP-ILP156, *Acer saccharinum* on a transition area of bottom land to upland, River Forest, Illinois
- AEP-ILP157, *Acer saccharinum* on the floodplain of the Des Plaines River, River Forest, Illinois
- AEP-ILP158, *Populus deltoides* and *Ulmus* on the floodplain of the Des Plaines River, River Forest, Illinois
- AEP-ILP159, *Crataegus* thicket on the Des Plaines River floodplain, Riverside, Illinois
- AEP-ILP160, The Des Plaines River floodplain, Riverside, Illinois
- AEP-ILP161, A mesophytic forest on the Des Plaines River floodplain, Riverside, Illinois

Box 29**Folder 1**

Illinois

- AEP-ILP162, A ravine in loess, Savanna, Illinois
- AEP-ILP164, An erosion tower of Niagara limestone, Savanna, Illinois
- AEP-ILP165, An erosion tower of Niagara limestone, Savanna, Illinois
- AEP-ILP166, Limestone bluffs above the Mississippi River, Savanna, Illinois
- AEP-ILP167, Limestone bluffs above the Mississippi River, Savanna, Illinois
- AEP-ILP168, Young clay ravine, Savanna, Illinois
- AEP-ILP169, Islands in the Mississippi River, Savanna, Illinois
- AEP-ILP170, Unidentified creek, probably Ogle County, Illinois
- AEP-ILP171, Unidentified trail, probably Ogle County, Illinois
- AEP-ILP172, Unidentified fallen tree, probably Ogle County, Illinois
- AEP-ILP173, Unidentified, probably Ogle County, Illinois

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Illinois

- AEP-ILP174, Unidentified, probably Ogle County, Illinois
- AEP-ILP175, Unidentified rock face, probably Ogle County, Illinois
- AEP-ILP176, Unidentified river and bluffs, probably Ogle County, Illinois
- AEP-ILP177, Unidentified, probably Ogle County, Illinois
- AEP-ILP178, Unidentified instruments at foot of tree, probably Ogle County, Illinois
- AEP-ILP179, Unidentified, probably Ogle County, Illinois
- AEP-ILP180, Unidentified, probably Ogle County, Illinois
- AEP-ILP181, Unidentified stream and rock face, probably Ogle County, Illinois
- AEP-ILP182, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP183, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP184, Fox Canyon, Ogle County, Illinois
- AEP-ILP185, Unidentified canyon, probably Ogle County, Illinois

- AEP-ILP186, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP187, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP188, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP189, Unidentified canyon, probably Ogle County, Illinois
- AEP-ILP190, Head of Illinois Canyon, Starved Rock State Park, Illinois
- AEP-ILP191, Eagle Cliff, Starved Rock State Park, Illinois
- AEP-ILP192, Wildcat Canyon, Starved Rock State Park, Illinois
- AEP-ILP193, French Canyon, Starved Rock State Park, Illinois
- AEP-ILP194, Starved Rock State Park, Illinois
- AEP-ILP195, Ottawa Canyon, Starved Rock State Park, Illinois

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Illinois

- AEP-ILP197, Starved Rock State Park, Illinois
- AEP-ILP198, Starved Rock State Park, Illinois
- AEP-ILP199, Starved Rock State Park, Illinois
- AEP-ILP200, Starved Rock State Park, Illinois
- AEP-ILP201, Starved Rock State Park, Illinois
- AEP-ILP202, La Salle Canyon, Starved Rock State Park, Illinois
- AEP-ILP203, Kaskaskia Canyon, Starved Rock State Park, Illinois
- AEP-ILP204, Starved Rock State Park, Illinois
- AEP-ILP205, A dense growth of *Ambrosia trifida* on a recent island in the Illinois River, Starved Rock State Park, Illinois
- AEP-ILP206, Mesophytic vegetation on a slope of sandstone near Starved Rock State Park, Illinois
- AEP-ILP207, Bluffs with conifers, Starved Rock State Park, Illinois
- AEP-ILP208, The wooded slope of a ravine, Starved Rock State Park, Illinois
- AEP-ILP209, The floodplain of the Illinois River, Starved Rock State Park, Illinois
- AEP-ILP210, The head of a canyon, Starved Rock State Park, Illinois

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Folder 1

Illinois

- AEP-ILP211, A group of *Pilea pumila* in a sandstone ravine showing the effect of shade and sunlight, Starved Rock State Park, Illinois
- AEP-ILP212, *Quercus rubra* with *Polyporus* growing in its bark, Starved Rock State Park, Illinois
- AEP-ILP213, Looking downstream at a *Salix* island in the Illinois River, Starved Rock State Park, Illinois
- AEP-ILP214, A plaque presented by the Ladies of the Grand Army of the Republic, Illinois
- AEP-ILP215, Oak on a Tolleston stage beach, Summit, Illinois
- AEP-ILP216, Looking upstream in the Illinois River at a *Salix* island with *Ambrosia trifida*, Utica, Illinois
- AEP-ILP226, Juniper dune, Waukegan, Illinois
- AEP-ILP227, Juniper dune, Waukegan, Illinois
- AEP-ILP228, Juniper dune, Waukegan, Illinois

- AEP-ILP229, Pine near a Juniper dune , Waukegan, Illinois

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Folder 2

Illinois

- AEP-ILP233, George Damon Fuller, professor of Plant Ecology at the University of Chicago
- AEP-ILP241, A Sedge prairie with Pine on the surrounding ridges, Waukegan, Illinois
- AEP-ILP242, A lagoon mostly filled with Scirpus, Waukegan, Illinois
- AEP-ILP248, The border between forest and prairie, Ashley, Illinois
- AEP-ILP249, A clay ravine, Illinois
- AEP-ILP250, A ravine in Highland Park, Illinois

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Folder 3

Indiana

- AEP-INP1, Larix laricina swamp, Chesterton, Indiana
- AEP-INP2, A Sedge swamp, Chesterton, Indiana
- AEP-INP3, A Sedge swamp, Chesterton, Indiana
- AEP-INP4, Moraine, Chesterton, Indiana
- AEP-INP12, A general view of established dunes, Chesterton, Indiana
- AEP-INP13, Falling Elm on the floodplain of the Little Calumet River near Chesterton, Indiana
- AEP-INP17, Rejuvenated dune, Dune Park, Indiana

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Folder 1

Indiana

- AEP-INP19, Forest of ash and basswood upon which dunes are encroaching, Dunes Park, Indiana
- AEP-INP20, The Crater, Dune Park, Indiana
- AEP-INP22, A general view of the dunes from the Crater, Dune Park, Indiana
- AEP-INP23, Pine graveyard, Dune Park, Indiana
- AEP-INP24, Pine graveyard, Dune Park, Indiana
- AEP-INP25, Pine graveyard, Dune Park, Indiana
- AEP-INP26, A tree on the dunes, Dune Park, Indiana
- AEP-INP27, Basswood partially covered by a dune, the stem roots exposed by artificial excavation, Dune Park, Indiana
- AEP-INP29, Face of an advancing dune, Dune Park, Indiana
- AEP-INP30, Corispermum on an advancing dune, Dune Park, Indiana
- AEP-INP31, An advancing dune, Dune Park, Indiana

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Indiana

- AEP-INP34, An advancing dune slope in spring, Dune Park, Indiana
- AEP-INP35, Dune Park, Indiana
- AEP-INP36, Salix glaucophylla, Salix adenophylla, and Vitis cordifolia in fall growing on a dune encroaching on a Scirpus swamp, Dune Park, Indiana
- AEP-INP37, A dune advance, Dune Park, Indiana

- AEP-INP38, A dune encroaching on a forest, Dune Park, Indiana
- AEP-INP39, *Cornus stolonifera*, *Salix glaucophylla*, *Vitis cordifolia*, *Juniperus virginiana*, and *Corispermum* on the lee slope of an advancing dune, Dune Park, Indiana
- AEP-INP40, The lee slope of a sand dune encroaching on a *Scirpus* swamp, Dune Park, Indiana
- AEP-INP41, A dune encroaching on a forest of scattered *Pinus banksiana* and *Quercus coccinea*, Dune Park, Indiana
- AEP-INP42, *Pinus strobus* and *Juniperus communis* at the summit of a dune with *Andropogon scoparius* in the foreground, Dune Park, Indiana

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Indiana

- AEP-INP43, The Crater, a rejuvenated dune, Dune Park, Indiana
- AEP-INP44, A Sedge swamp and the north slope of an established dune in winter with Scarlet Oak and Jack Pine, Dune Park, Indiana
- AEP-INP45, The interior of a crater, Dune Park, Indiana
- AEP-INP46, Two *Equisetum hyemale* showing effect of environment, Dune Park, Indiana
- AEP-INP47, *Tilia americana* showing effect of environment, Dune Park, Indiana

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Indiana

- AEP-INP48, Encroachment of a dune on a swamp of bulrushes and sedges, Dune Park, Indiana
- AEP-INP49, A tree near the shore of Lake Michigan, Indiana
- AEP-INP50, *Ampelopsis quinquefolia*, a liana on a dead *Pinus*, Dune Park, Indiana
- AEP-INP51, A zonal distribution showing Water Lily, Bulrush, Bay Berry Willow, Jack Pine, and Scarlet Oak, Dune Park, Indiana
- AEP-INP55, View of a dune, Dune Park, Indiana
- AEP-INP58, View of a dune, Dune Park, Indiana
- AEP-INP73, An advancing dune in spring, Dune Park, Indiana
- AEP-INP75, Remains of a forest scattered on the dunes, Dune Park, Indiana
- AEP-INP76, The vegetative propagation and migration in lines of *Juncus balticus* var. *littoralis* rhizomes, Indiana
- AEP-INP77, *Juglans nigra*, Indiana
- AEP-INP78, *Ulmus americana*, Indiana

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Indiana

- AEP-INP79, White Maple, Indiana
- AEP-INP80, Soft or White Maple, Indiana
- AEP-INP81, *Ulmus americana*
- AEP-INP82, *Acer rubrum*, Indiana
- AEP-INP83, Leaves of an unidentified tree, Indiana
- AEP-INP84, *Crataegus erythrocarpa*, Indiana

- AEP-INP86, Pine graveyard, Dune Park, Indiana
- AEP-INP88, Roots of unburied Tilia stems, Dune Park, Indiana
- AEP-INP89, Basswood partially covered by sand, Dune Park, Indiana

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Indiana

- AEP-INP94, *Juglans nigra*, Indiana
- AEP-INP95, *Magnolia acuminata*, Indiana
- AEP-INP96, *Magnolia acuminata*, Indiana
- AEP-INP97, *Pyrus coronaria*, Indiana
- AEP-INP98, Hackberry, Indiana
- AEP-INP99, *Fraxinus*, Indiana
- AEP-INP100, *Fraxinus*, Indiana
- AEP-INP101, Leaves of an unidentified tree, Indiana
- AEP-INP102, *Morus rubra*, Indiana

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Indiana

- AEP-INP106, *Platanus occidentalis*, Indiana
- AEP-INP107, *Ptelea trifoliata*, Indiana
- AEP-INP108, *Gleditsia triacanthos*, Indiana
- AEP-INP109, *Juglans cinerea*, Indiana
- AEP-INP110, *Gleditsia triacanthos*, Indiana
- AEP-INP111, *Gymnocladus*, Indiana
- AEP-INP112, *Populus deltoides*, Indiana
- AEP-INP113, *Acer rubrum*, Indiana
- AEP-INP114, *Liquidambar styraciflua*, Indiana
- AEP-INP115, *Salix*, Indiana

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Indiana

- AEP-INP116, *Juglans nigra*, Indiana
- AEP-INP117, *Juglans nigra*, Indiana
- AEP-INP118, A forest of Walnut, Indiana
- AEP-INP119, A Yellow Birch forest, Chesterton, Indiana
- AEP-INP120, An established dune, Chesterton, Indiana
- AEP-INP122, *Osmunda* in fruit, Chesterton, Indiana
- AEP-INP123, Dune at Chesterton, Indiana
- AEP-INP124, Shifting sand, Indiana
- AEP-INP125, A xerophytic and mesophytic forest on dunes, Chesterton, Indiana

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Indiana

- AEP-INP126, An advance of a dune on Pine and Oak, Dune Park, Indiana
- AEP-INP127, *Crataegus* on Deep River floodplain, Hobart, Indiana
- AEP-INP128, Pine swamp, Hobart, Indiana

- AEP-INP129, An abandoned channel of Deep River, Hobart, Indiana
- AEP-INP130, An oxbow, a former channel of Deep River filled with *Carex trichocarpa* and framed by *Crataegus crus-galli*, Hobart, Indiana
- AEP-INP131, Deep River floodplain, Hobart, Indiana

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Indiana

- AEP-INP132, Meadows on a floodplain of Turkey Creek surrounded by Oak clad uplands, Lattaville, Indiana
- AEP-INP133, *Pinus strobus* and *Rhus* in a swamp, Merrillville, Indiana
- AEP-INP134, Pine swamp with an Oak clad morainic margin, Merrillville, Indiana
- AEP-INP135, Pine swamp, Merrillville, Indiana
- AEP-INP136, A *Pinus* swamp with a *Sphagnum* and *Cassandra* bog, Merrillville, Indiana
- AEP-INP137, A *Pinus* swamp with a *Sphagnum* and *Cassandra* bog, Merrillville, Indiana
- AEP-INP138, *Cassandra* swamp, Chesterton, Indiana

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Folder 2

Indiana

- AEP-INP154, *Osmunda* in spring, Miller, Indiana
- AEP-INP156, Advance of a dune on the Grand Calumet River, Miller, Indiana
- AEP-INP157, A swamp, Miller, Indiana
- AEP-INP158, *Cassandra* swamp with zones, Miller, Indiana
- AEP-INP159, *Larix laricina* swamp, Miller, Indiana
- AEP-INP162, *Cassandra* swamp, Miller, Indiana
- AEP-INP163, *Larix laricina* swamp on a floodplain of the Grand Calumet River, Miller, Indiana
- AEP-INP164, *Larix laricina* swamp, between Miller and Aetna, Indiana
- AEP-INP165, *Cassandra* swamp with zones, Miller, Indiana
- AEP-INP166, *Cassandra* swamp with zones, Miller, Indiana

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Folder 3

Indiana

- AEP-INP181, A lagoon between beach ridges, Pine, Indiana
- AEP-INP182, A lagoon between beach ridges, Pine, Indiana
- AEP-INP187, Dune Park, Indiana

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Folder 4

Iowa

- AEP-IAP1, A ravine behind loess hills near Sioux City, Iowa
- AEP-IAP2, The west slope on the east side of a gulch, Iowa
- AEP-IAP3, A view north of Elm and Cottonwood in the Floyd River bottom near Sioux City, Iowa
- AEP-IAP4, Loess bluffs along the Floyd River with trees on the northeast exposure, Sioux City, Iowa

- AEP-IAP5, Loess bluffs along the Missouri River bottom, Iowa
- AEP-IAP6, Loess bluffs along the Missouri River near Sioux City, Iowa
- AEP-IAP7, Bluffs along the Floyd River channel, Iowa
- AEP-IAP8, Loess bluffs near Sioux City, Iowa
- AEP-IAP9, A loess bluff near Sioux City, Iowa
- AEP-IAP10, Bluffs between Sioux City and Sargents Bluff, Iowa
- AEP-IAP11, A view looking east from the Missouri River bottom between Sioux City and Sargents Bluff, Iowa
- AEP-IAP12, The north slope of loess hills, Iowa

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Iowa

- AEP-IAP13, A bluff facing west with trees on the northward point, Iowa
- AEP-IAP14, Bluffs with trees and grasses along the Floyd River, Iowa
- AEP-IAP15, A view from the bluffs into the Missouri Valley near Sioux City Iowa
- AEP-IAP16, A mesophytic forest in the Missouri River bottom at the base of loess hills near Sioux City, Iowa
- AEP-IAP17, A view of the Missouri River bottom near Sioux City, Iowa
- AEP-IAP18, Land near Burlington, Iowa
- AEP-IAP19, Bunch Grass on a blowhole near Burlington, Iowa
- AEP-IAP20, A sand blowhole, Iowa
- AEP-IAP21, A sand blowhole near Burlington, Iowa
- AEP-IAP22, Sumac foliage, Crapo Park, Iowa

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Iowa

- AEP-IAP23, A cut through loess bluffs near Sioux City, Iowa
- AEP-IAP24, A twelve year old railroad cut through loess, Sioux City, Iowa
- AEP-IAP25, Swallow nests in loess bluffs, Sioux City, Iowa
- AEP-IAP26, A fifty year old Helianthus over ten feet high, Iowa
- AEP-IAP27, An ordinary upland prairie, northwestern Iowa

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Folder 3

Kansas

- AEP-KSP1, A line of *Quercus prinoides* at the top of a bluff, Manhattan, Kansas
- AEP-KSP2, A mesophytic forest in a creek bed, Manhattan, Kansas

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Folder 4

Maine

- AEP-MEP1, Bangor, Maine
- AEP-MEP2, Mt. Katahdin from Camp Ross, Maine
- AEP-MEP3, The bank of Chimney Pond, Maine showing the tree line
- AEP-MEP4, The bank of Chimney Pond, Maine showing the tree line
- AEP-MEP5, Lake Katahdin, Maine
- AEP-MEP6, Sandy beach and dunes in a cove, Mt. Desert Island, Maine
- AEP-MEP7, The top of Green Mountain, Mt. Desert Island, Maine

- AEP-MEP8, A dry pond on Mt. Katahdin, Maine

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Maine

- AEP-MEP9, A dry pond on Mt. Katahdin, Maine
- AEP-MEP10, A peat bog, Mt. Katahdin, Maine
- AEP-MEP11, West bank of a peat bog, Mt. Katahdin, Maine
- AEP-MEP12, North bank of a peat bog, Mt. Katahdin, Maine
- AEP-MEP13, East bank of a peat bog, Mt. Katahdin, Maine
- AEP-MEP14, A mesophytic forest with Mt. Katahdin, Maine in the distance
- AEP-MEP15, Mt. Katahdin as seen from Lunksoos Mountain, Maine
- AEP-MEP16, Mt. Katahdin as seen from Lake Katahdin, Maine

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Maine

- AEP-MEP17, Mt. Katahdin, Maine as seen from a sandy stream pond
- AEP-MEP18, Mt. Katahdin, Maine as seen from a sandy stream pond
- AEP-MEP19, The north basin of Mt. Katahdin, Maine
- AEP-MEP20, The slide, Mt. Katahdin, Maine
- AEP-MEP21, View from Chimney Pond of the upper Spruce limit on Mt. Katahdin, Maine
- AEP-MEP22, West talus slope of Mt. Katahdin, Maine
- AEP-MEP23, Monument Peak, Mt. Katahdin, Maine
- AEP-MEP24, Green lichens common to Mt. Katahdin, Maine
- AEP-MEP25, Section of Spruce, Mt. Katahdin, Maine

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Maine

- AEP-MEP26, Solidago in Maine
- AEP-MEP27, Sedum in Maine
- AEP-MEP28, Salix uva-ursi in Maine
- AEP-MEP29, Lunksoos Mountain seen from the east branch of the Penobscot River, Maine
- AEP-MEP30, Wassataquoik Stream at the ford, Maine
- AEP-MEP31, Wassataquoik Stream joins the Penobscot River, Maine
- AEP-MEP32, East branch of the Penobscot River looking up at and from a ridge, Maine
- AEP-MEP33, Junction of the Wassataquoik Stream with the Penobscot River, Maine
- AEP-MEP34, The Penobscot River a mile from Lunksoos Mountain, Maine
- AEP-MEP35, East branch of the Penobscot River looking down the rear of a ridge, Maine

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Maine

- AEP-MEP36, The east side of a mountain east of the Pamola summit, Maine
- AEP-MEP37, Rock structure of Monument Peak, Mt. Katahdin, Maine

- AEP-MEP38, West talus of the Pamola summit, Maine
- AEP-MEP39, Crest of the Pamola summit, Maine
- AEP-MEP40, East slope of the Pamola summit, Maine
- AEP-MEP41, Boulder on a slope of Pamola summit, Maine
- AEP-MEP42, Harbor at Rockland, Maine
- AEP-MEP43, Mosquito Mountain taken from an area near Rockland, Maine
- AEP-MEP44, Rocky shore on arrival from tide line near rocks, lichens gone, Rockland, Maine
- AEP-MEP45, Sunset beyond the mountain, Maine
- AEP-MEP46, Sunset from the Table Land, Maine

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Folder 2

Maine

- AEP-MEP47, A Maine dry brook
- AEP-MEP48, A Maine dry brook near "Camp Cowles"
- AEP-MEP49, Brook inlet of Depot Pond with Mt. Katahdin in the background, Maine
- AEP-MEP50, Roaring Brook, Maine
- AEP-MEP51, Road from Lunksoos Mountain about a mile from the Penobscot River toward Mt. Katahdin, Maine
- AEP-MEP52, Yellow Birch along the Penobscot River, Maine
- AEP-MEP53, General view into the mesophytic woods, Maine

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Maine

- AEP-MEP54, Interior of mesophytic Picea forest, Mt. Katahdin, Maine
- AEP-MEP55, Picea on the trail from "Camp Cowles" to North Basin, Mt. Katahdin, Maine
- AEP-MEP56, Yellow Birch in Maine near "Camp Cowles"
- AEP-MEP57, Birch growing over a rock, Maine
- AEP-MEP58, Near the ford of the Penobscot River, Maine

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Maryland

- AEP-MDP1, Taxodium distichum in a park high atop one small knee, Maryland
- AEP-MDP2, Deciduous forest with Pine one ridge in distance, Loch Haven, Maryland

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Michigan

- AEP-MIP3, A view from Mt. Pisgah looking across Forest Lake and Abies balsamea, Beaver Island, Michigan
- AEP-MIP4, A hydrophytic shore, Beaver Island, Michigan
- AEP-MIP5, A hydrophytic shore, Beaver Island, Michigan
- AEP-MIP6, A hydrophytic shore, Beaver Island, Michigan
- AEP-MIP7, Botanizing on Beaver Island, Michigan
- AEP-MIP8, Wind swept sand dunes, Beaver Island, Michigan

Box 38

Folder 3

Michigan

- AEP-MIP9, A general view of young dunes with older partially regenerated conifer clad dunes in the background, Beaver Island, Michigan
- AEP-MIP10, Wind sweep which has broken through a coniferous forest on the lakeward slope, Beaver Island, Michigan
- AEP-MIP11, *Juniperus communis* in a pasture, Beaver Island, Michigan
- AEP-MIP12, Men from a University of Chicago Department of Botany Field Ecology class on Beaver Island, Michigan "after the girls had gone"
- AEP-MIP13, Dunes with *Ammophila* ridges west of Glen Lake, Glen Haven, Michigan
- AEP-MIP14, *Andropogon* on a morainic plain, Glen Haven, Michigan
- AEP-MIP15, A University of Chicago Department of Botany Field Ecology class at Sleeping Bear complex, Glen Haven, Michigan
- AEP-MIP16, The face of a landslide, an eroding shore at Sleeping Bear Point, Glen Haven, Michigan
- AEP-MIP17, The face of an advancing dune west of Glen Lake covering a plowed field, Glen Haven, Michigan
- AEP-MIP18, Days Farm with Pyramid Point in the distance as seen across a bare dune, Glen Haven, Michigan

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Michigan

- AEP-MIP19, Houghton and Hancock, Michigan
- AEP-MIP20, A young forest of *Abies balsamea*, Houghton, Michigan
- AEP-MIP21, Bracket fungi on a dead tree, Houghton, Michigan
- AEP-MIP22, Sugar Loaf Rock, an erosion remnant, Mackinac Island, Michigan
- AEP-MIP23, The harbor at Mackinac Island, Michigan
- AEP-MIP24, Near Arch Rock, Mackinac Island

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Michigan

- AEP-MIP25, Maple seedling in the interior of North Manitou Island, Michigan
- AEP-MIP26, *Andropogon* mounds, North Manitou Island, Michigan
- AEP-MIP27, Cactus at the foot of a sand dune, North Manitou Island, Michigan
- AEP-MIP28, A view of fallen trunks of *Thuja* in the Cedar swamp near Lake Manitou, North Manitou Island, Michigan
- AEP-MIP29, Beech pool on the north shore, North Manitou Island, Michigan

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Michigan

- AEP-MIP30, Juniper heath with Red Pine, North Manitou Island, Michigan
- AEP-MIP31, Juniper south of the lakeshore village, North Manitou Island, Michigan
- AEP-MIP32, Shrubs at the front edge of a *Larix laricina* swamp, North Manitou Island, Michigan
- AEP-MIP33, A swamp on North Manitou Island, Michigan with zones of *Nymphaea*, *Menyanthes trifoliata*, *Carex*, and *Larix*

- AEP-MIP34, The edge of a swamp showing zones of Sedge, Larch, and shrub, North Manitou Island, Michigan

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Michigan

- AEP-MIP35, Lycopodium, North Manitou Island, Michigan
- AEP-MIP36, Monotropa, North Manitou Island, Michigan
- AEP-MIP37, A Potamogeton swamp along the west shore of South Manitou, Island, Michigan
- AEP-MIP38, Cottonwood on sand dunes, North Manitou Island, Michigan
- AEP-MIP39, Pteris aquilina in the interior of North Manitou Island, Michigan
- AEP-MIP40, Rhus typhina near the life saving station at the east shore of North Manitou Island, Michigan
- AEP-MIP41, Great Lakes Sand Cherries on a sand dune, North Manitou Island, Michigan
- AEP-MIP42, Betula papyrifera with lichen on its trunk, North Manitou Island, Michigan
- AEP-MIP43, A pasture with a thicket of Rhus and other plants north of the village, North Manitou Island, Michigan
- AEP-MIP44, An Arborvitae swamp in the interior of North Manitou Island, Michigan

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Michigan

- AEP-MIP45, An Arborvitae swamp in the interior of North Manitou Island, Michigan
- AEP-MIP46, In a ravine between Lake Manitou and Lake Michigan, North Manitou Island, Michigan
- AEP-MIP47, Henry Chandler Cowles and a University of Chicago Department of Botany Field Ecology class on the shore of Lake Manitou, North Manitou Island, Michigan
- AEP-MIP48, The shore of Lake Manitou, North Manitou Island, Michigan
- AEP-MIP49, The shore of Lake Manitou, North Manitou Island, Michigan
- AEP-MIP50, An outlet of Lake Manitou into an Arborvitae Swamp, North Manitou Island, Michigan
- AEP-MIP51, The northeast shore of Lake Manitou, North Manitou Island, Michigan
- AEP-MIP52, A raised beach on the northwest shore of Lake Manitou, North Manitou Island, Michigan
- AEP-MIP53, The west shore of Lake Manitou, North Manitou Island, Michigan

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Michigan

- AEP-MIP54, A path through the woods to Lake Manitou, North Manitou Island, Michigan
- AEP-MIP55, A University of Chicago Department of Botany Field Ecology class led by Henry Chandler Cowles, North Manitou Island, Michigan
- AEP-MIP56, A University of Chicago Department of Botany Field Ecology class at lunch on the east shore of Lake Manitou, North Manitou Island, Michigan

- AEP-MIP57, On North Manitou Island, Michigan
- AEP-MIP58, A fire clearing, North Manitou Island, Michigan
- AEP-MIP59, A fire clearing on the east shore, North Manitou Island, Michigan

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Michigan

- AEP-MIP60, A beach with driftwood and forested bluffs, North Manitou Island, Michigan
- AEP-MIP61, The interior of a mesophytic forest, North Manitou Island, Michigan
- AEP-MIP62, The interior of a mesophytic forest northwest of the village, North Manitou Island, Michigan
- AEP-MIP63, Shoreline of North Manitou Island, Michigan
- AEP-MIP64, Bluffs on the northern end of North Manitou Island, Michigan

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Michigan

- AEP-MIP65, Alluvial fans on the north shore of North Manitou Island, Michigan
- AEP-MIP66, Alluvial fans on the north shore of North Manitou Island, Michigan
- AEP-MIP68, Bluffs on the north shore of North Manitou Island, Michigan
- AEP-MIP69, The north shore of North Manitou Island, Michigan
- AEP-MIP70, Sand dunes west of the point on the south end of North Manitou Island, Michigan
- AEP-MIP71, An old beach at the south end of North Manitou Island, Michigan

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Michigan

- AEP-MIP72, Looking west along the south shore of North Manitou Island, Michigan
- AEP-MIP73, Looking west from the light house on the south shore of North Manitou Island, Michigan
- AEP-MIP74, The east shore just north of the light house, North Manitou Island, Michigan
- AEP-MIP75, The east shore near the light house, North Manitou Island, Michigan
- AEP-MIP76, East shore looking north from the pier, North Manitou Island, Michigan
- AEP-MIP77, A pier on the east shore, North Manitou Island, Michigan
- AEP-MIP78, *Larix laricina* in the interior, North Manitou Island, Michigan
- AEP-MIP79, Showing a line between the clay foundation of the island and sand, Michigan
- AEP-MIP80, The northwest shore of "Carp Lake" near Rotoskey, Michigan
- AEP-MIP81, A lifesaving station, North Manitou Island, Michigan
- AEP-MIP82, A dead forest of *Tsuga canadensis* with thick undergrowth now starting up, Marquette, Michigan
- AEP-MIP83, Gravelly shore with *Pinus resinosa* (red pine), Marquette, Michigan

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Michigan

- AEP-MIP84, A forest of *Pinus resinosa*, Marquette, Michigan

- AEP-MIP85, A typical undrained swamp (peat bog) with zones of Sedge, Larch, Spruce, and shrub, Marquette, Michigan
- AEP-MIP86, A granite island showing pioneer vegetation, herbs, krummholz, and mosses in small crevices and furrows, Marquette, Michigan
- AEP-MIP87, Granite islands, Marquette, Michigan
- AEP-MIP88, A quartzite hill forested with Pine, Mt. Mesnard, Michigan
- AEP-MIP89, Red Pine on granite cliffs above Lake Superior, Marquette, Michigan

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Michigan

- AEP-MIP90, A view from Mt. Mesnard of a Thuja swamp and central moraine, with granite hills in the background, Marquette, Michigan
- AEP-MIP91, The roots of *Pinus resinosa* exposed to severe wind action, Marquette, Michigan
- AEP-MIP92, Falls on Dead River, Marquette, Michigan
- AEP-MIP93, Dead River, Marquette, Michigan
- AEP-MIP94, Dead River, Marquette, Michigan
- AEP-MIP95, Dead River, Marquette, Michigan
- AEP-MIP96, Dead River, Marquette, Michigan
- AEP-MIP97, Dead River, Marquette, Michigan

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Michigan

- AEP-MIP98, *Alnus incana* in the valley of a small stream with *Thuja occidentalis* on the slopes, Marquette, Michigan
- AEP-MIP99, A springy hillside with *Thuja occidentalis*, Marquette, Michigan
- AEP-MIP100, A view of the country with terraces in the river valley, looking south and southeast from Mt. Mesnard, Marquette, Michigan
- AEP-MIP101, A general view of Sugar Loaf Peak from the shore of Lake Superior, Marquette, Michigan
- AEP-MIP102, A pond covered by *Lemna*, Marquette, Michigan
- AEP-MIP103, A typical undrained peat bog with zones of Sedge, Larch, and shrub, Marquette, Michigan
- AEP-MIP104, An undrained peat bog with the original lake in the foreground backed by zones of Sedge and conifer, Marquette, Michigan
- AEP-MIP105, A typical undrained peat bog with Sedge, *Menyanthes trifoliata*, and conifer, Marquette, Michigan

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Michigan

- AEP-MIP106, Granite hills along the shore of Lake Superior near Marquette, Michigan
- AEP-MIP107, Granite islands in Lake Superior, Marquette, Michigan
- AEP-MIP108, A *Pinus resinosa* growing in a crevice, its roots causing cracking and uplifting of the granite rock, Marquette, Michigan
- AEP-MIP109, A *Pinus resinosa* growing in a crevice, its roots causing cracking and uplifting of the granite rock, Marquette, Michigan

- AEP-MIP110, *Pinus resinosa* on a granite island with lichen patches on the rocks in the foreground, Marquette, Michigan
- AEP-MIP111, Dry knolls with *Cladonia rangiferina*, Marquette, Michigan
- AEP-MIP112, Young clearing forest of *Betula papyrifera*, Marquette, Michigan

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Michigan

- AEP-MIP113, Transition forest of Red Pine, Birch, and Poplar, Marquette, Michigan
- AEP-MIP114, Forest of *Pinus banksiana*, Marquette, Michigan
- AEP-MIP115, Forest of *Tsuga canadensis*, Marquette, Michigan
- AEP-MIP116, Forest of *Tsuga canadensis*, Marquette, Michigan
- AEP-MIP117, *Tsuga canadensis* forest with an undergrowth of *Lycopodium lucidulum* and *Taxus canadensis* in the distance, Marquette, Michigan
- AEP-MIP118, Clearing with relicts of *Pinus resinosa* and seedling of the more xerophytic *Pinus banksiana*, Marquette, Michigan
- AEP-MIP119, A dead *Tsuga* forest with subsequent vegetation of *Epilobium angustifolium*, Marquette, Michigan

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Michigan

- AEP-MIP120, Fungi growing on a dead log, Marquette, Michigan
- AEP-MIP121, George Damon Fuller, professor of Plant Ecology at the University of Chicago in Newtons Woods, Michigan
- AEP-MIP122, Newtons Woods, Michigan
- AEP-MIP124, Black serpentine, Presque Isle, Michigan
- AEP-MIP125, Exposure of black serpentine, Presque Isle, Michigan
- AEP-MIP126, Lake Superior from Presque Isle, Michigan
- AEP-MIP127, Sandstone cliffs at Presque Isle near Marquette, Michigan
- AEP-MIP128, A University of Chicago Department of Botany Field Ecology class botanizing in Michigan

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Montana

- AEP-MTP18, Echo Lake, Montana
- AEP-MTP19, Echo Lake, Montana
- AEP-MTP20, Echo Lake, Montana
- AEP-MTP24, Prairie swamp near Flathead Lake, Montana
- AEP-MTP29, Sand dunes at Mission Valley, Montana
- AEP-MTP31, An upland forest, Montana
- AEP-MTP45, A ridge formed by shore ice, Lake McDonald, Montana
- AEP-MTP47, A conifer forest near Swan Lake, Montana
- AEP-MTP48, The trunk of a *Pinus Ponderosa*, Bigfork, Montana
- AEP-MTP49, A Spruce forest near Bigfork, Montana
- AEP-MTP50, A Thuja forest at Belton, Montana
- AEP-MTP52, Three stages with Larch, Larch and Lodgepole Pine, and Lodgepole Pine, Montana

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Montana

- AEP-MTP53, The reforestation of a conifer forest, Montana
- AEP-MTP60, The reforestation of a conifer forest, Montana
- AEP-MTP62, The mountains above Lake McDonald, Montana
- AEP-MTP63, Lake McDonald, Montana
- AEP-MTP65, A general view of mountains and conifer forests from Post Creek, Montana
- AEP-MTP67, A general view of distant mountains, Montana
- AEP-MTP68, A general view of distant mountains with conifer forests and treeless peaks, Montana
- AEP-MTP69, Mission Mountains from the top of Mt. Teton, Montana
- AEP-MTP70, A general view of mountains, Montana
- AEP-MTP71, A general view of distant mountains with conifer forests, Montana
- AEP-MTP74, A treeless east slope and a forested west slope on a high ridge in the Rocky Mountains, Montana

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Montana

- AEP-MTP76, McDougal Peak, Montana showing the relation of vegetation to cliffs and to talus slopes
- AEP-MTP77, McDougal Peak, Montana showing the relation of vegetation to cliffs and to talus slopes
- AEP-MTP81, A general view near the tree line in the Rocky Mountains, Montana
- AEP-MTP82, A general view near the tree line in the Rocky Mountains, Montana
- AEP-MTP83, A general view near the tree line in the Rocky Mountains, Montana
- AEP-MTP84, A general view near the tree line in the Rocky Mountains, Montana
- AEP-MTP89, Alpine lakes and parks, McDougal Peak, Montana
- AEP-MTP92, Above the trees, Avalanche Basin, Montana
- AEP-MTP98, An alpine meadow in spring, Montana
- AEP-MTP99, The laboratory staff of the State Biological Station, Flathead Lake, Montana

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Montana

- AEP-MTP100, A member of a University of Chicago Department of Botany Field Ecology class in Montana
- AEP-MTP101, Larch and Lodgepole, Pine, Belton, Montana
- AEP-MTP102, An alpine meadow in early spring in the Rocky Mountains near Flathead Lake, Montana
- AEP-MTP103, *Xerophyllum tenax* in the Rocky Mountains near Flathead Lake, Montana
- AEP-MTP104, The reforestation of a conifer forest, Montana
- AEP-MTP105, Thick forest growth, Montana
- AEP-MTP106, Forests along a river bank, Montana

- AEP-MTP107, Forested cliffs of a river canyon, Montana

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Nevada

- AEP-NVP1, *Opuntia parryi* at the west end of Indian Spring Valley, Nevada

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New Mexico

- AEP-NMP1, Pine on hill, irrigation in foreground, Santa Fe, New Mexico
- AEP-NMP2, Looking southwest, Laguna, New Mexico
- AEP-NMP3, Near Santa Fe, New Mexico

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New York

- AEP-NYP1, "The Spit," a sand beach at Cold Spring Harbor, New York
- AEP-NYP2, Uprooted tree in a swamp, Cold Spring Harbor, New York
- AEP-NYP3, Open *Robinia pseudoacacia* in New York
- AEP-NYP4, *Robinia pseudoacacia*, New York
- AEP-NYP5, Two kinds of leaves from *Broussonetia papyrifera*, New York
- AEP-NYP6, Fungus, Cold Spring Harbor, New York
- AEP-NYP7, *Lactuca canadensis*, Cold Spring Harbor, New York
- AEP-NYP8, A forest, Cold Spring Harbor, New York
- AEP-NYP9, Mesophytic forest, Cold Spring Harbor, New York
- AEP-NYP10, At Cold Spring Harbor, New York

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New York

- AEP-NYP11, An avenue of Locusts, Cold Spring Harbor, New York
- AEP-NYP12, Carnegie Laboratory, Cold Spring Harbor, New York
- AEP-NYP13, Yard of the Carnegie Laboratory, Cold Spring Harbor, New York
- AEP-NYP14, Yard of the Carnegie Laboratory, Cold Spring Harbor, New York
- AEP-NYP15, Dam near Carnegie Laboratory, Cold Spring Harbor, New York
- AEP-NYP16, General low tide, Cold Spring Harbor, New York
- AEP-NYP17, High tide, Cold Spring Harbor, New York
- AEP-NYP18, Low tide, Cold Spring Harbor, New York
- AEP-NYP19, *Pinus rigida*, Cold Spring Harbor, New York
- AEP-NYP20, *Quercus stellata* in New York
- AEP-NYP21, *Sassafras albidum* in New York

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New York

- AEP-NYP22, *Juniperus virginiana* in New York
- AEP-NYP23, Undergrowth in a Chestnut forest, Cold Spring Harbor, New York
- AEP-NYP24, *Castanea dentata* in New York
- AEP-NYP25, *Cornus florida* in New York
- AEP-NYP26, *Gleditsia triacanthos* in New York

- AEP-NYP27, *Liriodendron tulipifera* in New York
- AEP-NYP28, *Ailanthus altissima* on the path near a railway station, New York
- AEP-NYP29, *Robinia pseudoacacia* in New York
- AEP-NYP30, Lighthouse and sand dunes, Fire Island, New York

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New York

- AEP-NYP31, Lighthouse and sand dunes, Fire Island, New York
- AEP-NYP32, Stratification, Fire Island, New York
- AEP-NYP33, *Ammophila breviligulata* and *Hudsonia tomentosa* on dunes, Fire Island, New York
- AEP-NYP34, Sand dunes, Fire Island, New York
- AEP-NYP35, Sand dune crater, Fire Island, New York
- AEP-NYP36, Sand dunes, Fire Island, New York
- AEP-NYP37, Sand dunes, Fire Island, New York
- AEP-NYP38, Sand dunes, Fire Island, New York
- AEP-NYP39, Sand dunes, Fire Island, New York
- AEP-NYP40, *Juniperus virginiana* branches, New York

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New York

- AEP-NYP41, Mesophytic forest, New York
- AEP-NYP42, *Juniperus virginiana*, Lloyd Neck, Long Island, New York
- AEP-NYP43, Salt meadow, Lloyd Neck, Long Island, New York
- AEP-NYP44, Salt meadow, Lloyd Neck, Long Island, New York
- AEP-NYP45, View from the middle of the *Salicornia* zone, Lloyd Neck, Long Island, New York
- AEP-NYP46, Beach, Lloyd Point, Long Island, New York
- AEP-NYP47, *Robinia pseudoacacia* and *Ailanthus altissima*, New York
- AEP-NYP48, General view of a dying salt marsh, Oyster Bay, Long Island, New York
- AEP-NYP49, General view of a dying salt marsh, Oyster Bay, Long Island, New York
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New York

- AEP-NYP51, Transition from beach to Pine forest near Oyster Bay, Long Island, New York
- AEP-NYP52, Erosion of moraine headland near Oyster Bay, Long Island, New York
- AEP-NYP53, *Juniperus virginiana* near Oyster Bay, Long Island, New York
- AEP-NYP54, *Lathyrus japonicus* var. *maritimus* in New York
- AEP-NYP55, *Arenaria* in New York
- AEP-NYP56, *Hudsonia tomentosa* in New York
- AEP-NYP57, *Juniperus virginiana* in a pasture, New York
- AEP-NYP58, *Hibiscus moscheutos* in New York
- AEP-NYP59, A gneiss boulder in New York

- AEP-NYP60, A gneiss boulder in New York
- AEP-NYP61, *Arctium lappa* in New York

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Ohio

- AEP-OHP1, Prairie with dominance of *Chrysopogon aciculatus*, *Potentilla fruticosa*, and *Betula pumila*, Carey, Ohio
- AEP-OHP2, A man standing next to a mule on which three children are seated, Ohio
- AEP-OHP3, On the Ohio opposite the mouth of the Kanawha River looking toward Point Pleasant, West Virginia
- AEP-OHP4, Old barn near Gallipolis, Ohio
- AEP-OHP5, Cousins at home in Ohio
- AEP-OHP6, Home in Ohio
- AEP-OHP7, Home near Gallipolis, Ohio
- AEP-OHP8, Home near Gallipolis, Ohio
- AEP-OHP9, Mill at the right for grinding corn near an old dam near Gallipolis, Ohio

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Ohio

- AEP-OHP10, Old mill and swimming hole at Raccoon Creek near Gallipolis, Ohio
- AEP-OHP11, Ohio pond produced by Big Spring from which Big Spring Prairie takes its name
- AEP-OHP12, Roots prominent from soil settling, the prairie begins just beyond the fence, Ohio
- AEP-OHP13, View in Sutphens Woods at the edge of Big Spring Prairie, Ohio
- AEP-OHP14, Edge of thicket on portion of prairie burned over by fire 8 years earlier, Ohio
- AEP-OHP15, Willow and Poplar thicket on portion of prairie burned over by fire 8 years earlier, Ohio
- AEP-OHP16, Boulder on prairie with soil settling by drainage from land above to present level, near Carey, Ohio

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Oregon

- AEP-ORP2, Showing the tree limit on ridges, Eliot Glacier, Mount Hood, Oregon

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Tennessee

- AEP-TNP1, *Magnolia macrophylla*, Big Creek Gap, Tennessee
- AEP-TNP2, *Quercus coccinea* and *Quercus tinctoria*, Big Creek Gap, Tennessee
- AEP-TNP3, Sandstone cliff with dominance of *Pinus pungens*, Big Creek Gap, Tennessee
- AEP-TNP4, Big Creek Gap, Tennessee
- AEP-TNP5, General view of the Cumberland Mountains near Big Creek Gap, Tennessee

- AEP-TNP6, Xerophytic flora to the south with Table Mountain Pine and Black Oak, Big Creek Gap, Tennessee
- AEP-TNP7, Showing mesophytic flora of Maple, Tulip, Chestnut, etc. to the north, Big Creek Gap, Tennessee
- AEP-TNP8, Looking down from the rocks, Big Creek Gap, Tennessee
- AEP-TNP9, Looking up left to the Big Creek tributary, Big Creek Gap, Tennessee.
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Tennessee

- AEP-TNP11, Big Creek Gap, Tennessee
- AEP-TNP12, Mountain to the right of Big Creek Gap, Tennessee
- AEP-TNP13, Looking up the creek at Big Creek Gap, Tennessee
- AEP-TNP14, *Quercus alba* with *Toxicodendron radicans* showing denuding influence of the stream, Big Creek Gap, Tennessee
- AEP-TNP15, *Morus rubra* on a floodplain, La Follette, Tennessee
- AEP-TNP16, *Ulmus Americana* on the floodplain, Big Creek Gap, Tennessee
- AEP-TNP17, *Amelanchier* on the floodplain, La Follette, Tennessee

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Tennessee

- AEP-TNP18, A Lee formation cliff of carboniferous sandstone with lichens, crevice plants, and *Rhododendron*, Big Creek Gap, Tennessee
- AEP-TNP19, Close view of *Juniperus virginiana* woods on exposed Knox dolomite, Big Creek Gap, Tennessee
- AEP-TNP20, Xerophytic woods dominated by *Juniperus virginiana* on an outcrop of Silurian Period Knox dolomite, Big Creek Gap, Tennessee
- AEP-TNP21, Sandstone crags with *Pinus pungens*, Big Creek Gap, Tennessee
- AEP-TNP22, *Quercus coccinea* and *Quercus tinctoria*, Big Creek Gap, Tennessee
- AEP-TNP23, *Quercus prinus*, Big Creek Gap, Tennessee
- AEP-TNP24, Shag Bark Hickory, Big Creek Gap, Tennessee
- AEP-TNP25, Forest of *Castanea dentata* in bloom, Big Creek Gap, Tennessee
- AEP-TNP26, Group of *Castanea dentata*, Big Creek Gap, Tennessee

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Tennessee

- AEP-TNP27, *Castanea dentata*, Big Creek Gap, Tennessee
- AEP-TNP28, *Rhododendron* undergrowth in deciduous woods, La Follette, Tennessee
- AEP-TNP29, *Liriodendron tulipifera* in the center of a mesophytic deciduous forest, Big Creek Gap, Tennessee
- AEP-TNP30, *Aesculus*, Big Creek Gap, Tennessee
- AEP-TNP31, *Tsuga canadensis*, La Follette, Tennessee
- AEP-TNP32, *Liriodendron tulipifera*, Big Creek Gap, Tennessee
- AEP-TNP33, *Liriodendron tulipifera*, La Follette, Tennessee
- AEP-TNP34, *Magnolia acuminata*, La Follette, Tennessee
- AEP-TNP35, Burl on an Oak, Big Creek Gap, Tennessee

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Tennessee

- AEP-TNP36, Outcrop of carboniferous Neuman limestone, Big Creek Gap, Tennessee
- AEP-TNP37, Contact of Devonian Period Chattanooga shale and carboniferous Newman limestone, Big Creek Gap, Tennessee
- AEP-TNP38, Cornfield on the hill above a limestone sink hole, Jacksboro, Tennessee
- AEP-TNP39, Limestone sink hole with the Cumberland Mountains in the distance, Jacksboro, Tennessee
- AEP-TNP40, Chrysanthemum near a limestone sink hole, Jacksboro, Tennessee
- AEP-TNP41, Maple covered with Rape and Pawpaw growing in a limestone sink hole, Jacksboro, Tennessee
- AEP-TNP42, An edaphic Pine forest on the sandstone bluff with a deciduous climatic forest in the foreground, Jellico, Tennessee
- AEP-TNP43, The Narrows at Jellico, Tennessee

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Tennessee

- AEP-TNP44, The Narrows at Jellico, Tennessee
- AEP-TNP45, The Narrows at Jellico, Tennessee
- AEP-TNP46, Forest of *Pinus echinata*, La Follette, Tennessee
- AEP-TNP47, Clearing on Knox dolomite with Persimmon, Pawpaw, and Redbud, Big Creek Gap, Tennessee
- AEP-TNP48, Clearing thicket on Knox dolomite with Persimmon, Pawpaw, Sassafras, and Redbud, Big Creek Gap, Tennessee
- AEP-TNP49, Large sandstone boulder in the woods, Jacksboro, Tennessee
- AEP-TNP50, Large sandstone boulder in the woods, Jacksboro, Tennessee
- AEP-TNP51, Forest of *Quercus alba*, Big Creek Gap, Tennessee

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- AEP-TXP2, *Yucca*, *Agave*, and *Cactus* formation on stony mountain slopes on the Rio Grande River near Big Bend National Park, Texas
- AEP-TXP3, A dead Bunch Grass desert on adobe soil, Tornillo Flat, Texas
- AEP-TXP4, *Quercus grisea* and *Juniperus* formations on an outlying butte of the Llano Estacado near Big Springs, Texas
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- AEP-WAP7, Seedling stages of tree on a fallen log, Skykomish, Washington
- AEP-WAP10, Sagebrush vegetation, Wenatchee, Washington
- AEP-WAP11, Sagebrush vegetation, Wenatchee, Washington
- AEP-WAP12, A University of Chicago Department of Botany Field Ecology class ready to climb Mt. Rainier, Washington
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- AEP-ILP36, A young clay ravine on the north side of Chicago, Illinois
- AEP-ILP61, Adiantum, Maranta, and Pandanus in the Washington Park greenhouse, Chicago, Illinois

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- AEP-ILP66, Botany faculty and students in front of the Botany Building, Hull Biological Laboratories, University of Chicago, Chicago, Illinois

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- AEP-ILP118, Beach dunes, Lake Bluff, Illinois
- AEP-ILP119, Beach dunes, Lake Bluff, Illinois
- AEP-ILP154, Vegetation of coarse grasses and Silphium laciniatum on a prairie, Pullman, Illinois
- AEP-ILP155, An extensive swamp of Scirpus lacustris newly reclaimed from Lake Calumet, Pullman, Illinois

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- AEP-INP21, Pine graveyard, Dune Park, Indiana
- AEP-INP28, View of dune, Dune Park, Indiana
- AEP-INP32, An advancing lee slope of a dune in fall covering a swamp and grove of Pine, Dune Park, Indiana
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- AEP-MTP13, View of Salix among Eleocharis in the interior of the Flathead River delta, Montana
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AEP-MIN190, Entrance to Muskegon Lake from a high dune with a showing of low dunes, Muskegon, Michigan

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AEP-MIN192, Abies, Thuja, and Betula dunes on a shingle beach, Cat Head Point and North Point, Michigan

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AEP-MIN203, *Ammophila* on an eroding foredune one mile north of Pentwater, Michigan

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AEP-INN29, The second growth of *Quercus velutina* on Ridge 95, Clarke, Indiana

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AEP-INN225, Henry Chandler Cowles of the University of Chicago Department of Botany standing next to a fallen Cottonwood, Dune Park, Indiana

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AEP-MIN26, *Juniperus horizontalis*, *Juniperus communis*, *Picea* seedling, and *Arctostaphylos* on the back of a foredune, Beaver Island, Michigan

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AEP-MIN27, *Juniperus horizontalis*, *Juniperus communis*, *Abies*, *Picea*, and *Thuja* on the north shore of Beaver Island, Michigan

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- AEP-ALS3, Nyssa sylvatica, Liquidambar styraciflua, and Pinus taeda, Jefferson County, Alabama
- AEP-ALS4, Pinus palustris being boxed for turpentine, Mobile County, Alabama
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- AEP-AKS2, *Dryas drummondii* growing on glaciated rock surfaces and thin ground moraine, Glacier Bay, Alaska
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Box CABINET 1

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- AEP-AZS9, Summer in the Petrified Forest National Park, Arizona
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- AEP-UTS5, A University of Chicago Department of Botany Field Ecology class at Big Fir, Mt. Timpanogos, Utah
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- AEP-UTS8, Lyman James Briggs and Homer Leroy Shantz at Tooele, Utah
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- AEP-WAS20, Douglas Fir, Long Bell Lumber Company, Longview, Washington
- AEP-WAS21, Charles Joseph Chamberlain of the University of Chicago and a Douglas Fir, Long Bell Lumber Company, Longview near Vader Junction, Washington
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- AEP-WAS24, No Smoking sign in several languages, Long Bell Lumber Company, Longview, Washington
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- AEP-WAS29, *Abies lasiocarpa* at the Camp of the Cloud, Mt. Rainier, Washington
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- AEP-WAS34, *Erythronium grandiflorum*, Mt. Rainier, Washington
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- AEP-WAS79, The surface of Nisqually Glacier, Mt. Rainier, Washington
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- AEP-WAS85, Mt. Rainier from a drive by Paradise Lakes, Washington
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- AEP-WAS87, *Alnus oregona* on Paradise Trail, Mt. Rainier, Washington

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- AEP-WAS111, The Long Bell Lumber Company nursery in charge of Dr. Omar Lindseth, Raderwood, Washington
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- AEP-WAS113, *Abies grandis* in summer, Puget Sound Biological Station, San Juan Islands, Washington
- AEP-WAS114, A detail of *Fucus vesiculosus*, San Juan Islands, Washington
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- AEP-WAS119, *Pseudotsuga douglasii* in summer, Puget Sound Biological Station, San Juan Islands, Washington

- AEP-WAS120, *Pseudotsuga douglasii* in summer, burned in a fire near the Puget Sound Biological Station, San Juan Islands, Washington
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- AEP-WAS132, Seedling stages of trees on fallen logs, Skykomish, Washington
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- AEP-WAS135, Timber operations, Skykomish, Washington
- AEP-WAS136, Timber operations, Skykomish, Washington
- AEP-WAS137, Timber operations, Skykomish, Washington
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- AEP-WAS141, An arid region along the Snake River, Washington
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- AEP-WAS158, A tractor logging, Stabler, Washington
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- AEP-WAS160, Interior of the bunkhouse at the Wind River Experiment Station, Stabler, Washington
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- AEP-WAS173, Path of snow slide in the Cascades near Wellington, Washington
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- AEP-WAS178, Pseudotsuga, Washington
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- AEP-WAS180, George Damon Fuller of the University of Chicago Department of Botany and J. V. Hofman, director of the Wind River Experiment Station, Stabler, Washington
- AEP-WAS181, The home of J. V. Hofman, director of the Wind River Experiment Station, Stabler, Washington
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- AEP-WAS184, Members of the International Phytogeographic Excursion at lunch by a snow patch at seven thousand feet on Mt. Rainier, Washington
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- AEP-WAS186, A University of Chicago Department of Botany Field Ecology class takes off for the summit, Mt. Rainier, Washington
- AEP-WAS187, A University of Chicago Department of Botany Field Ecology class on the climb to Mt. Rainier, Washington
- AEP-WAS188, A University of Chicago Department of Botany Field Ecology class ascends to ten thousand five hundred feet on Washington's Mt. Rainier
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- AEP-WAS190, A University of Chicago Department of Botany Field Ecology class at the summit of Mt. Rainier, Washington

- AEP-WAS191, A University of Chicago Department of Botany Field Ecology class at the top of Mt. Rainier, Washington
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- AEP-WAS195, Students of a University of Chicago Department of Botany Field Ecology class on a snow field, Mt. Rainier, Washington
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- AEP-WAS198, F. E. Matthes of the United States Geological Survey and George Damon Fuller of the University of Chicago Department of Botany, Paradise Valley, Mt. Rainier, Washington
- AEP-WAS199, F. E. Matthes of the United States Geological Survey and University of Chicago Department of Botany Field Ecology students, Paradise Inn, Mt. Rainier, Washington
- AEP-WAS200, Students of a University of Chicago Department of Botany Field Ecology class near bungalow tents, Paradise Inn, Mt. Rainier, Washington
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- AEP-WAS203, A student of a University of Chicago Department of Botany Field Ecology class shod for the climb up Mt. Rainier, Washington
- AEP-WAS204, Henry Chandler Cowles, students of a University of Chicago Department of Botany Field Ecology class and their baggage at the train station, Hoquiam, Washington

Box CABINET 1

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Wisconsin

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- AEP-WIS3, The forests of Bayfield, Wisconsin
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- AEP-WIS7, Maple seedling in a climax forest, Door County, Wisconsin
- AEP-WIS8, Maple seedling in a climax forest, Door County, Wisconsin
- AEP-WIS9, A circle of *Betula papyrifera*, Door County, Wisconsin
- AEP-WIS10, A circle of *Betula papyrifera*, Door County, Wisconsin
- AEP-WIS11, *Fraxinus* swamp, Door County, Wisconsin

- AEP-WIS12, Fraxinus swamp with Iris between shrubs and trees, Door County, Wisconsin
- AEP-WIS13, Habenaria orbiculata, Door County, Wisconsin
- AEP-WIS14, Dwarf Larix, Door County, Wisconsin
- AEP-WIS15, Witches Broom on Juniperus horizontalis, Door County, Wisconsin
- AEP-WIS16, Witches Broom on Juniperus horizontalis, Door County, Wisconsin
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- AEP-WIS18, A rising shoreline on Lake Michigan, Door County, Wisconsin
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- AEP-WIS20, Maple seedling in a conifer forest, Carlsens Woods, Door County, Wisconsin
- AEP-WIS21, Henry Chandler Cowles of the University of Chicago Department of Botany in a cave at present Lake Michigan level, Ellison Bay, Door County, Wisconsin
- AEP-WIS22, A rising shoreline on Lake Michigan at Europe Bay, Door County, Wisconsin
- AEP-WIS23, Betula papyrifera, Garret Bay, Wisconsin
- AEP-WIS24, The moss Grimmia, Garret Bay, Wisconsin
- AEP-WIS25, Thuja and the moss Grimmia, Garret Bay, Wisconsin
- AEP-WIS26, Garret Bay Inn, Garret Bay, Wisconsin
- AEP-WIS27, Garret Bay Inn, Garret Bay, Wisconsin
- AEP-WIS28, Thuja occidentalis, Garret Bay, Wisconsin
- AEP-WIS29, Moss succession, Garret Bay, Wisconsin
- AEP-WIS30, Moss succession, Garret Bay, Wisconsin
- AEP-WIS31, Thuja, Garret Bay, Wisconsin
- AEP-WIS32, A fish stake of Ash sprouting leaves, Garret Bay, Door County, Wisconsin
- AEP-WIS33, A rising shoreline on Lake Michigan, Garret Bay, Wisconsin
- AEP-WIS34, A beach strewn with shingle, Garret Bay, Wisconsin
- AEP-WIS35, Garret Bay, Wisconsin
- AEP-WIS36, Garret Bay, Wisconsin
- AEP-WIS37, Terrace and cliff, Garret Bay, Door County, Wisconsin
- AEP-WIS38, Witches Broom on Juniperus horizontalis, Moonlight Bay, Door County, Wisconsin
- AEP-WIS39, Dr. Warren Gookin Waterman and Erling Christophersen, Europe Lake, Door County, Wisconsin
- AEP-WIS40, Pinus resinosa, Europe Lake, Door County, Wisconsin
- AEP-WIS41, Henry Chandler Cowles and a University of Chicago Department of Botany Field Ecology class, Garret Bay, Wisconsin
- AEP-WIS42, Henry Chandler Cowles and a University of Chicago Department of Botany Field Ecology class, Garret Bay, Wisconsin
- AEP-WIS43, Esther Wade on a University of Chicago Department of Botany Field Ecology class trip, Garret Bay, Wisconsin
- AEP-WIS44, A University of Chicago Department of Botany Field Ecology class, Garret Bay, Wisconsin
- AEP-WIS45, May Theilgaard propelling Henry Chandler Cowles about Big Bay, Madeline Island, Wisconsin

- AEP-WIS46, Henry Chandler Cowles and a University of Chicago Department of Botany Field Ecology class, Moonlight Bay, Wisconsin
- AEP-WIS47, U. S. Mail boat, the Lusitania, Presque Isle to Old Mission, Apostle Islands, Wisconsin
- AEP-WIS48, Henry Chandler Cowles and a University of Chicago Department of Botany Field Ecology class under *Pinus resinosa*, Big Bay, Madeline Island, Wisconsin
- AEP-WIS49, *Picea* with and without Witches Broom, Moonlight Bay, Wisconsin
- AEP-WIS50, Spruce weakened by Witches Broom and killed by Dwarf Mistletoe, Moonlight Bay, Door County, Wisconsin
- AEP-WIS51, *Juniperus horizontalis* in a pasture, Newport, Door County, Wisconsin
- AEP-WIS52, Spruce killed by Dwarf Mistletoe, Moonlight Bay, Door County, Wisconsin
- AEP-WIS53, Flora of emerging terrace, New Port State Park, Door County, Wisconsin
- AEP-WIS54, Flora of emerging terrace, New Port State Park, Door County, Wisconsin
- AEP-WIS55, A rising Lake Michigan shoreline with driftwood, New Port State Park, Door County, Wisconsin
- AEP-WIS56, Rising Lake Michigan shoreline, New Port State Park, Door County, Wisconsin
- AEP-WIS57, Henry Chandler Cowles of the University of Chicago Department of Botany standing next to lichen on a north-facing fence, Rowley Bay, Door County, Wisconsin
- AEP-WIS58, A south-facing fence at Rowley Bay, Door County, Wisconsin
- AEP-WIS59, New Port State Park, Door County, Wisconsin
- AEP-WIS60, *Betula lutea* on a *Tsuga canadensis*, Washington Island, Door County, Wisconsin
- AEP-WIS61, *Acer saccharum* in a forest habitat, Washington Island, Door County, Wisconsin
- AEP-WIS62, *Betula lutea* on a *Tsuga canadensis*, Washington Island, Door County, Wisconsin
- AEP-WIS63, Washington Island, Door County, Wisconsin
- AEP-WIS64, Washington Island, Door County, Wisconsin
- AEP-WIS65, Field of Hollandex, Kenosha, Wisconsin
- AEP-WIS66, A kettle hole lake, Wisconsin
- AEP-WIS67, The killing of trees by artificial flooding, Kilbourn, Wisconsin
- AEP-WIS68, The killing of trees by artificial flooding, Kilbourn, Wisconsin
- AEP-WIS70, Dam at Mirror Lake near Kilbourn, Wisconsin
- AEP-WIS71, Wave cut shelf slightly above normal water level, Presque Isle, Wisconsin
- AEP-WIS72, Wave cut shelf, Presque Isle, Wisconsin
- AEP-WIS73, Transition from *Ammophila* dune to conifer forest at the south end of Madeline Island, Wisconsin
- AEP-WIS74, Pure stand of *Pinus resinosa* at the end of Madeline Island, Wisconsin
- AEP-WIS75, A *Pinus resinosa*, Madeline Island, Wisconsin
- AEP-WIS76, Erosion of an old sand bar, Big Bay, Madeline Island, Wisconsin
- AEP-WIS77, Shoreline of Madeline Island, Wisconsin
- AEP-WIS78, Shoreline at the south end of Madeline Island, Wisconsin

- AEP-WIS79, Remnant of a *Pinus resinosa* forest on a sand bar, Madeline Island, Wisconsin
- AEP-WIS80, A *Pinus strobus* with an unusual number of cones, La Pointe, Madeline Island, Wisconsin
- AEP-WIS81, The mouth of a drowned river north of Old Mission, Madeline Island, Wisconsin
- AEP-WIS82, Floating islands, Big Bay Lake, Madeline Island, Wisconsin
- AEP-WIS83, Floating islands with *Carex filiformis* in the foreground, Big Bay Lake, Madeline Island, Wisconsin
- AEP-WIS84, Logs in the mouth of a drowned river north of Old Mission, Madeline Island, Wisconsin
- AEP-WIS85, Elm, Pine, and Oak in a young valley of the Little Platte River, Platteville, Wisconsin
- AEP-WIS86, *Polyporus*, Platteville, Wisconsin
- AEP-WIS87, *Pinus strobus* fruit, Stevens Point, Wisconsin
- AEP-WIS88, *Thuja occidentalis* fruit, Stevens Point, Wisconsin
- AEP-WIS89, Erosion on a hillside, Stevens Point, Wisconsin
- AEP-WIS90, *Pinus resinosa*, Wisconsin
- AEP-WIS91, Erosion along the shore of a small lake, Wisconsin
- AEP-WIS92, Erosion along the shore of a small lake, Wisconsin
- AEP-WIS93, Eroding bluff of a small lake tenanted by trees, Wisconsin
- AEP-WIS94, Erosion in Wisconsin at Grabers Slide
- AEP-WIS95, Contrast between eroded and tree covered areas, Wisconsin
- AEP-WIS96, A fertile Wisconsin valley ruined by boulders washed down in a freshet
- AEP-WIS97, Sediment in a cornfield due to one storm, Wisconsin
- AEP-WIS98, Sunset in Wisconsin
- AEP-WIS103, A monadnock, Camp Douglas, Wisconsin
- AEP-WIS108, A sandstone river bluff, Dells of Wisconsin, Kilbourn, Wisconsin

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Folder Drawers 27-28

Wyoming

- AEP-WYS2, *Opuntia* sp., Cody, Wyoming
- AEP-WYS6, A road in Shoshone Canyon, Wyoming
- AEP-WYS9, *Apocynum androsaemifolium*, Yellowstone National Park, Wyoming
- AEP-WYS10, *Artemisia tridentata*, Yellowstone National Park, Wyoming
- AEP-WYS11, *Artemisia tridentata*, Yellowstone National Park, Wyoming
- AEP-WYS12, *Abies* invading *Pinus murrayana*, Yellowstone National Park, Wyoming
- AEP-WYS13, *Abies* invading *Pinus murrayana*, Yellowstone National Park, Wyoming
- AEP-WYS14, *Abies* invading *Pinus murrayana*, Yellowstone National Park, Wyoming
- AEP-WYS15, The result of snow and wind action on *Abies lasiocarpa*, Yellowstone National Park, Wyoming
- AEP-WYS16, The result of snow action on *Abies lasiocarpa*, Yellowstone National Park, Wyoming
- AEP-WYS17, *Cerastium*, Yellowstone National Park, Wyoming
- AEP-WYS18, *Cleome glabra*, Yellowstone National Park, Wyoming
- AEP-WYS19, *Hypopitys multiflora*, Yellowstone National Park, Wyoming

- AEP-WYS20, *Juniperus communis*, Yellowstone National Park, Wyoming
- AEP-WYS21, *Lewisia rediviva*, Yellowstone National Park, Wyoming
- AEP-WYS22, *Machaeranthera bigelovii*, Yellowstone National Park, Wyoming
- AEP-WYS23, *Nymphaea polysepala*, Yellowstone National Park, Wyoming
- AEP-WYS24, *Pachylophis caespitosus*, Yellowstone National Park, Wyoming
- AEP-WYS25, *Picea engelmannii*, Yellowstone National Park, Wyoming
- AEP-WYS26, *Pinus flexilis*, Yellowstone National Park, Wyoming
- AEP-WYS27, *Pinus murrayana*, Yellowstone National Park, Wyoming
- AEP-WYS28, *Pinus murrayana*, Yellowstone National Park, Wyoming
- AEP-WYS29, *Pinus murrayana* and pioneers *Artemisia filifolia*, *Chrysopsis*, and *Eriogonum* on an old geyser field, Yellowstone National Park, Wyoming
- AEP-WYS30, *Pyrola uliginosa*, Yellowstone National Park, Wyoming
- AEP-WYS32, George Damon Fuller of the University of Chicago Department of Botany and an unidentified woman standing next to fossil trees, Yellowstone National Park, Wyoming
- AEP-WYS33, George Damon Fuller of the University of Chicago Department of Botany standing next to a fossil tree, Yellowstone National Park, Wyoming
- AEP-WYS34, Angel Terrace, Yellowstone National Park, Wyoming
- AEP-WYS36, Camp Roosevelt, Yellowstone National Park, Wyoming
- AEP-WYS37, Lake camp, Yellowstone National Park, Wyoming
- AEP-WYS38, Devils Kitchen, Yellowstone National Park, Wyoming
- AEP-WYS41, Gardner River Canyon, Yellowstone National Park, Wyoming
- AEP-WYS42, A basalt cliff, Gardner River Canyon, Yellowstone National Park, Wyoming
- AEP-WYS44, Giant Geyser cone, Yellowstone National Park, Wyoming
- AEP-WYS46, Golden Gate, Yellowstone National Park, Wyoming
- AEP-WYS47, Grand Canyon of the Yellowstone with lower falls in the distance, Yellowstone National Park, Wyoming
- AEP-WYS48, Grand Canyon of the Yellowstone, Yellowstone National Park, Wyoming
- AEP-WYS49, Grand Canyon of the Yellowstone, Yellowstone National Park, Wyoming
- AEP-WYS50, A geyser, Yellowstone National Park, Wyoming
- AEP-WYS51, A "hat" geyser, Yellowstone National Park, Wyoming
- AEP-WYS52, Jupiter Terrace, Yellowstone National Park, Wyoming
- AEP-WYS53, Jupiter Terrace, Yellowstone National Park, Wyoming
- AEP-WYS54, Lone Star Geyser, Yellowstone National Park, Wyoming
- AEP-WYS55, Lone Star Geyser, Yellowstone National Park, Wyoming
- AEP-WYS56, Mallard Lake, Yellowstone National Park, Wyoming
- AEP-WYS57, Terraces at Mammoth Hot Springs, Yellowstone National Park, Wyoming
- AEP-WYS58, Mound Terrace, Yellowstone National Park, Wyoming
- AEP-WYS59, Orange Geyser, Yellowstone National Park, Wyoming
- AEP-WYS60, Riverside Geyser, Yellowstone National Park, Wyoming
- AEP-WYS61, Silver Gate, Yellowstone National Park, Wyoming
- AEP-WYS62, The Tea Kettle, Yellowstone National Park, Wyoming
- AEP-WYS63, Upper falls of the Yellowstone, Yellowstone National Park, Wyoming
- AEP-WYS65, A lake in Yellowstone, Yellowstone National Park, Wyoming

- AEP-WYS66, A meandering creek, Yellowstone National Park, Wyoming
- AEP-WYS67, A river meander in arid grassland, Yellowstone National Park, Wyoming
- AEP-WYS68, A terrace, Yellowstone National Park, Wyoming
- AEP-WYS69, A woodchuck, Yellowstone National Park, Wyoming
- AEP-WYS70, Buffalo in a corral, Yellowstone National Park, Wyoming
- AEP-WYS71, Petrified trees, Yellowstone National Park, Wyoming
- AEP-WYS72, Lupinus, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS73, Phlox, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS74, Pinus albicaulis, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS75, Pinus albicaulis, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS76, Pinus albicaulis wind timber, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS77, Mt. Washburn wind timber, Yellowstone National Park, Wyoming
- AEP-WYS78, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS79, Two Needle Pinyon with Mistletoe standing in Sagebrush, Wyoming
- AEP-WYS80, Pinus albicaulis wind timber, Mt. Washburn, Yellowstone National Park, Wyoming
- AEP-WYS81, Students of a University of Chicago Department of Botany Field Ecology class watching a geyser, Yellowstone National Park, Wyoming
- AEP-WYS82, Students of a University of Chicago Department of Botany Field Ecology, Yellowstone National Park, Wyoming
- AEP-WYS83, Mrs. William Cribbs feeding a hungry bear cub, Yellowstone National Park, Wyoming
- AEP-WYS84, A University of Chicago Department of Botany Field Ecology class in autos, Yellowstone National Park, Wyoming
- AEP-WYS85, In Yellowstone National Park, Wyoming
- AEP-WYS86, A geyser, Yellowstone National Park, Wyoming
- AEP-WYS87, In Yellowstone National Park, Wyoming
- AEP-WYS88, George Damon Fuller and students of a University of Chicago Department of Botany Field Ecology class in Yellowstone National Park, Wyoming
- AEP-WYS89, George Damon Fuller and students of a University of Chicago Department of Botany Field Ecology class in Yellowstone National Park, Wyoming
- AEP-WYS91, The International Congress of Plant Sciences Western Field Trip, Yellowstone National Park, Wyoming
- AEP-WYS92, Alice Peterson holding Elk antlers on a University of Chicago Department of Botany Field Ecology class trip, Yellowstone National Park, Wyoming
- AEP-WYS93, Dr. Merriam standing next to petrified trees, Yellowstone National Park, Wyoming
- AEP-WYS94, Helen Dwyer and Alice Peterson, members of a University of Chicago Department of Botany Field Ecology class at Giant Geyser, Yellowstone National Park, Wyoming
- AEP-WYS95, Students of a University of Chicago Department of Botany Field Ecology class in an old stagecoach, Yellowstone National Park, Wyoming
- AEP-WYS96, Dr. Frank Thone and Alice Peterson, Wyoming
- AEP-WYS97, High plains east of the Laramie Mountains, Wyoming

Subseries 8: Unsorted Photographs

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Folder Drawer 29

Lantern slides

- Canada

Box CABINET 1

Folder Drawer 30

Lantern slides

- Unidentified locations, probably Hawaii

Box CABINET 1

Folder Drawer 31

Lantern slides

- Unidentified plants and sites

Box CABINET 1

Folder Drawer 32

Lantern slides

- Unidentified trees and landforms

Box CABINET 1

Folder Drawer 33

Lantern slides

- Canada

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Lantern slides

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Lantern slides

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Lantern slides

- Philippines
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- Other foreign locations

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- Maps

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- History of botany, portraits of scientists

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- Mushroom experiments

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- Tree cross-sections
- Cellular diagrams

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- Diagrams

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- Graphs and charts

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Lantern slides

- Diseases of trees
- Food production

Box CABINET 1

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Lantern slides

- Crop diseases

Box 64

Folder 1

Group at Crater Lake, International Phytogeographic Excursion

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Folder 2

Carl Schroter, University of Zurich

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George D. Fuller

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Yellowstone National Park

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Colorado

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Wychwood

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Unidentified, probably Wychwood

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Folder 10

Bird Haven

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Maps

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Individuals, plants and landforms

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Plants and landforms

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Plants and landforms

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American Environmental Photographs, 1891-1936, publicity images

- Dune Park, Indiana, film negatives
- Henry C. Cowles, film negatives
- Colorado, glass plate negatives
- Indiana, glass plate negatives
- Various subjects, prints
- Various subjects, film negatives

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Wychwood, portfolios and loose print

Box 67

Bird Haven, albums