# M.Y. Williams fonds

Compiled by Christopher Hives (1988) Last revised February 2019



**University of British Columbia Archives** 





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# **Fonds Description**

# **M.Y. Williams fonds.** – 1875-1973.

15.78 m of textual records and published materials.ca. 462 photographs: b&w; 20.5 x 25.5 or smaller.3 albums.ca. 350 maps.

# **Biographical Sketch**

*From: Okulitch, V.J. "Merton Yarwood Williams (1883-1974)", Royal Society of Canada, Proceedings (Vol. 12, 1974), pp. 84-88:* 

Professor Merton Yarwood Williams Ph.D., D.Sc., died on 3 February 1974 in Vancouver, B.C. in his ninetieth year. With his passing, the University of British Columbia lost one of its original faculty members and the geology profession lost a pioneer in stratigraphic and petroleum exploration in western Canada.

"M.Y.," as he was affectionately referred to by colleagues and friends, was born near Bloomfield, Ontario, on 21 June 1883. Both his parents were of Loyalist descent and their ancestors moved to Ontario at the time of the American Revolution. He graduated from Picton High School in 1902 and then taught school for three years before deciding to enter Queen's University at Kingston. He graduated from Queen's in 1909 with a B.Sc. degree in mining engineering. During his student days M.Y. worked as a student assistant for the Geological Survey of Canada gaining experience in geological work in British Columbia, the Yukon and Nova Scotia.

On the advice of R.W. Brock, M.Y. gained admission to the graduate school of Yale University and there studied under Professor Charles Schuchert, specializing in stratigraphy and paleontology. He was granted the Ph.D. degree in 1912 on the presentation of his thesis on the Silurian formations of Arisaig-Antigonish District, published in 1914.

In 1912 Dr. Williams joined the regular staff of the Geological Survey. The first nine years of his service were spent in Ontario working on the regional stratigraphy of Ordovician and Silurian formations of the Bruce Peninsula, the Manitoulin Island, and the James Bay area. At the conclusion of his work in 1921, Dr. Williams accepted an appointment as associate professor of paleontology and stratigraphy at the University of British Columbia. Together with Dean R.W. Brock, Dr. S.J. Schofield, and Dr. W.L. Uglow he helped to build the Department of Geology at UBC.

The teaching duties at the university did not prevent M.Y. from continuing his work with the Survey. There followed exploration of the geology of the Mackenzie River and the Franklin Mountains and particularly many field sessions spent in the western great plains working out the stratigraphy and appraising the petroleum possibilities of the Cretaceous and Cenozoic formations of this vast region. A succession of important reports, memoirs, and papers were published by the Survey and the Royal Society of Canada.

In the mid-twenties the Department of Geology at UBC undertook to make a geological study of the Crown colony of Hong Kong. This resulted in publication of a map in 1935 and a description of the geology in 1943. During the same period Dr. Williams also investigated the occurrences of non-metallic minerals as part of the survey of resources of the Pacific Great Eastern Railway in the West Cariboo and West Lillooet Block. And in 1930-40 he investigated the Oil Resources in the Peace River Area for the BC provincial government.

Dr. Williams was also active in scientific societies. He was elected Fellow of the Geological Society of America in 1916 and served the Society as vice-president in 1945/6. In 1926 came the election to Fellowship in the Royal Society and president in 1960/1.

In 1926, Dr. Williams became full professor of paleontology and stratigraphy at UBC, and in 1936 was appointed head of the Department of Geology and Geography. He remained at this post until his retirement in 1950. He taught courses in introductory geology, historical geology, and paleontology, drawing heavily on his personal experience and work in almost every part of Canada. He was a kind and understanding teacher and many of his students owe him not only the grounding in geology, but also support and encouragement in their later work in the graduate school and professional life.

Dr. Williams married Lula Mund Philip in 1915. His family life was happy. His son Edwin followed his father's footsteps and became a prominent oil geologist in Calgary. His daughters cared for him when his wife died several years before his own passing.

His colleagues at the university and in the geological profession accorded him recognition and respect not only for his research and teaching, but also for his strength of character and unquestioned integrity. The university appointed him professor emeritus on his retirement and then bestowed on him the degree of Doctor of Science in 1972. To his fellow scientists he left a rich legacy of some sixty scientific papers and reports on geology and stratigraphy, fourteen papers on ornithology and zoology, and six papers on geography.

# Scope and Content

Fonds consists of biographical notes, clippings, articles, early educational records, research notes, draft manuscripts, field notebooks, reports, publications, correspondence, lecture and course notes, maps, photoprints, and slides pertaining to M.Y. Williams' professional and personal activities.

# Note

File list available.

Items in file 13-3a were transferred to the University Archives by David Mattison of the British Columbia Archives.

# **Series Descriptions**

**Biographical/Personal Material series.** – 1906-1959; predominant 1906-1927. 13 cm of textual records.

Series consists of C.V.s, biographical notes, clippings and articles about M.Y. Williams, miscellaneous financial records, and early educational records.

Family History series. – [n.d.].
1.3 m of textual records.
ca. 100 photographs: b&w; 10 x 15 cm or smaller.
3 albums.

Series consists of extensive research notes, draft manuscripts and source materials used by Williams in conducting family history research. Copies of "The Bowerman Family, 1379 to the Present: English, American, Canadian" [CS 71 B69 W4] and "The Samuel Williams, Jemima Platt Family" [CS 90 W54] are available in Special Collections as well as in the fonds. Series also includes 3 postcard albums collected by M.Y. Williams' mother, Carrie Williams and numerous photographs.

**Publications series.** – 1912-1965. 13 cm of published materials.

Series consists of copies of all of M.Y. William's publications which formed part of the papers. As established by Williams' own bibliography, the publications have been divided into the following catagories: "Geology", "Geography", and "Ornithology and Zoology".

#### Field Notebooks/Diaries series. - 1903-1966.

80 cm of textual records.

Series consists of field notebooks created by Williams or others who worked on projects with which he was involved.

Series is arranged chronologically by date of creation.

Notes briefly explaining the activities out of which the notebooks have been created have been added.

**Reports series.** – 1934-1968. 40 cm of textual records. Series consists of copies of reports written by M.Y. Williams.

Series is arranged chronologically.

Manuscripts / Research Notes series. – 1910-1926.

2.4 m of textual records.

Series consists of manuscripts, research notes and correspondence relating to M.Y. William's publications and reports and, more broadly, general subjects around which he assembled research material.

Items in file 13-3a "Birds of Hong Kong" were transferred to the University Archives by David Mattison of the British Columbia Archives.

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Correspondence series. – [n.d.]. 2.2 m of textual records.
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Series consists of incoming and copies of outgoing correspondence.

Series is arranged alphabetically by correspondant or subject.

**Reprint series.** – [n.d.]. 6 m of published materials.

Series consists of reprints gathered by M.Y. Williams, reflecting his broad interest in geology and natural history.

Series is arranged alphabetically by author and, on rare occasions, by subject.

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Miscellaneous Subjects series. – 1911-1973.
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2.16 m of textual records.

Series consists of correspondence, minutes, printed material, programs, reports, publications, and lecture and course notes pertaining to the Geological Society of America, the Royal Society of Canada, the area of Museums in Vancouver, and the Canadian Department of Mines Geological Survey.

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Maps series. – [n.d.].
ca. 350 maps.
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Series consists of geographical maps pertaining to various regions, particularly within Canada.

Series is arranged alphabetically by country and, within Canada, by province.

**Card Indexes series.** – [n.d.]. 6 drawers, 1 box.

Series consists of six file drawers of index cards generated by M.Y. Williams in the course of his research, and one box of index cards documenting his map collection.

**Miscellaneous Printed/Published Material series.** – [n.d.]. 26 cm of published materials.

Series consists of various published materials in the areas of geography and literature.

Photographs series. – 1875-19--. ca. 362 photographs: b&w; 20.5 x 25.5 or smaller.

Series consists of photographs of M.Y. Williams' family and work.

For more information see the M.Y. Williams Photograph Inventory (incomplete) and the M.Y. Williams Slides Inventory, both of which can be accessed only in paper form through UBC Archives.

# File List

# BOX 1

# BIOGRAPHICAL MATERIAL

- 1-1 Autobiographical Material by M.Y.W.
- 1-2 Clippings and Articles about M.Y.W.
- 1-3 C.V.s
- 1-4 Bibliography of M.Y.W.'s Writing
- 1-5 Westtown School Printed Material
- 1-6 Picton High School Memorabilia

# Queen's University

- 1-7 Course Notes (ca. 1906)
- 1-8 Memorabilia
- 1-9 50th Reunion (1959)

# Yale University

- 1-10 Course Notes Biology Lab Work (1909)
- 1-11 Course Notes Physiology (1909)
- 1-12 Course Notes Reading Synopses Dynamic & Structural
- 1-13 Course Notes Dynamic Geology (1909)
- 1-14 Course Notes Geological Biology
- 1-15 Course Notes Forest Lithology [Course given by M.Y.W.] (1910)

1-16	Report - "Arisaig-Antigonish District, Nova Scotia" (1910)
1-17	Papers before Journal and Geological Clubs (1911)
1-18	Memorabilia
1-19	Letters of Reference for M.Y.W. (1909)
1-20	Miscellaneous Financial Records (1911-1927)
1-21	Notice of Appointment to the Geological Survey Branch of the Dept. of Mines (1914)
1-22	Permits to Leave Canada (1917, 1918)
1-23	Woodville School - History [M.Y.W. taught there 1903]

1-24 Miscellaneous Awards, Letters of Congratulations, etc.

# BOX 2

# FAMILY HISTORY

2-1	M.Y.W.'s Family Tree
2-2	Samuel Williams - Jemima Platt Family Handwritten Manuscript Copy (I)
2-3	Samuel Williams - Jemima Platt Family Handwritten Manuscript Copy (II)
2-4	Miscellaneous Correspondence
2-5	Walter Yarwood - Typescript, Notes
2-6	Jemima Platt - Outgoing Correspondence - Map of Prince Edward County
2-7	Samuel Williams - Jemima Platt Family - Typescript
2-8	Samuel Williams - Jemima Platt Family - Typescript, Notes, Clippings

	2-9	Thomas B.	Williams -	Biogra	phical	Information
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- 2-10 J.P. Williams
- 2-11 Winnifred Annie Martha Girdler Biographical Information
- 2-12 Gerald A. Williams (1891-1965) Manuscript about GAW by MYW -Clippings, correspondence, notes
- 2-13 Williams Family Misc. Financial Records
- 2-14 Williams Family Research Notes
- 2-15 Williams Family Research Notes
- 2-16 Williams Family Research Notes
- BOX 3

3-1 Williams Family - Research Notes
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- 3-2 Williams Family Research Notes
- 3-3 Williams Family Research Notes
- 3-4 "William Mullett/Mary Clothier Family in Canada, 1821-1892" Typescript
- 3-5 "William Mullett/Mary Clothier Family in Canada, 1821-1892" Handwritten Manuscript
- 3-5 Mullett Family Misc. correspondence, clippings
- 3-6 Mullett Family Research Notes
- 3-7 Mullett Family Research Notes
- 3-8 Mullett Family Research Notes
- 3-9 Mullett Family Research Notes

- 3-10 Mullett Family Summary of Mullett Documents
- 3-11 Mullett Family Research Material
- 3-12 Young Family Miscellaneous Notes
- 3-13 Nash Family Research Notes

- 4-1 "The Bowerman Family, 1379 to the Present" by MYW
- 4-2 Bowerman Family Research Notes
- 4-3 Bowerman Family Research Notes4-4 Bowerman Family Research Notes
- 4-5 Bowerman Family Levi Vincent Bowerman Family History
- 4-6 Bowerman Family Thomas Bowerman History
- 4-7 Bowerman Family Research Notes
- 4-8 Bowerman Family History Handwritten Manuscript
- 4-9 Bowerman Family Notes, Ledger
- 4-10 Haight Family Consider Merritt Haight Typescript and Manuscript History
- 4-11 Haight Family History
- 4-12 Haight Family Notes

#### Material collected by Carrie Williams (MYW's mother)

3 Postcard Albums Misc. Photographs

#### (continued)

BOX 6

# PUBLICATIONS

# 6-1 Publications - Geology (1912-1932)

- "Geology of Arisaig-Antigonish District, Nova Scotia" (1912)
- "Revision of the Sulurian of South-Western Ontario" (1913)
- "The Ordoviacian Rocks of Lake Temiskaming" (1915)
- "An Eurypterid Horizon in the Niagara Formation of Ontario (1915)
- "Investigations in Ontario" (1916)
- "Oil Prospecting in South-Western Ontario" (1918)
- "Oil Fields of Southwestern Ontario" (1919)
- "The Geology of Ontario as It Affects Gas and Oil Production" (1919)
- "Oil Occurance in the Trenton Formation of Kent County, Canada" (1919)
- "Paleozoic Geology of the Mattagami and Abitibi Rivers" (1920)
- "Oil Prospects in Southern Alberta" (1923)
- "Sandstone Dykes in Southeastern Alberta" (1927)
- "Physiography of the Southern Plains of Canada" (1929)
- "Sub-surface Structure in Alberta and Saskatchewan" (1930)
- "The Geological History of the Southwestern Plains of Canada" (1932)

- "Stratigraphy and Paleontology of the Peace River Valley of British Columbia" (1932)

- "Land Movements and Sedimentation" (1932)
- "The Petroleum Situation in Canada" (1932)

6-2 Publications - Geology (1933-1944)

- "Summary of the Mineral Resources of the Peace River Area of British Columia" (1934)
- "Distribution of Life Around the Pacific" (1934)
- "Geological Maps and Mining Developments" (1934)

- "Memorial of Reginald Walter Brock" (1936)

- "Preliminary Report, General Geology and Petroleum Resources Manitoulin and Adjacent Islands, Ontario" (1937)

- "Tertiary Plateaux in the Mackenzie River Basin" (1937)
- "Three Skulls of Bison Crassicornis Richardson from the Yukon" (1937)
- "The Geological Survey and Mining Development" (1938)
- "Oil Possibilities, North Eastern British Columbia" (1941)
- "Progress Planned or Improvised?" (1941)
- "Correlation of the Silurian Formations of North America" (1942)
- "The Geologist and the Nation" (1942)
- "Oil in North-Eastern British Columbia" (1942)

- "The Stratigraphy and Palaeontology of Hong Kong and the New Territories" (1943)

- "Roy Graham - Biographical Sketch" (1943)

- "The Stratigraphy and Palaeontology of Hong Kong and the New Territories" (1943)

- "Mount Hulcross-Commotion Creek Map Area" (1943)
- "Wither Geology?" (1944)
- "The Fort Nelson-Watson Lake Area" (1944)
- "Geological Reconnaisance Along the Alaska Highway From Fort Nelson, British Columbia to Watson Lake, Yukon" (1944)
- 6-3 Publications Geology (1945-1965)
  - "The Physiography and Igneous Geology of Hong Kong" (1945)
  - "Geology and Geography" (1946)
  - "The Geological History of Churchill, Manitoba" (1948)
  - "The Canadian Rockies" (1947)
  - "Whence the Oil of the Athabaska Tar Sands" (1949)
  - "Oil and the United Nations" (1953)
  - "The Age of the Fossil Hill Coral Reefs" (1955)
  - "Bute Inlet Wax" (1957)
  - "The Earth Sciences and the Royal Society of Canada" (1961)
  - "The Age of the Mount Kindle Formation of the Franklin Mountains" (1963)
  - "The Cypress Hills" (1965)
- 6-4 Publications Geography (1949, 1957, 1962)
  - "Churchill, Manitoba" (1949)
  - "Upper Canada and New York State" (1957)
  - "Peace River Power: The Indirect Cost" (1962)

6-5 Publications - Ornithology and Zoology (1918-1946) - "Brief Notes on the Fauna of Lambton County, Ontario" (1918) - "Notes on the Fauna of the Moose River and the Mattagami and Abitibi Tributaries" (1920) - "Notes on the Fauna of the Lower Pagwachuan, Lower Kenogami and Lower Albany River of Ontario" (1921) - "Biological Notes Along Fourteen Hundred Miles of the MacKenzie River System" (1922) - "Notes on the Life Along the Yulon-Alaska Boundary" (1925) - "The Prong-Horn Antelope in Canada" (1928) - "The Fauna of the Former Dominion Peace River Block, British Columbia" (1932)- "Biological Notes Covering Parts of the Peace, Liard, Mackenzie and Great Bear River Basins" (1933) - "Notes on the Fauna of Bruce Penninsula, Manitoulin and Adjacent Islands" (1942)- "Notes on the Vertebrates of the Southern Plains of Canada, 1923-1926" (1946)

6-6 Miscellaneous Bound Publications

# BOX 7

# FIELD NOTEBOOKS / DIARIES

These notebooks were prepared by MYW or others who worked on projects with which he was involved. They have been arranged chronologically by date of creation. Notes explaining the activities out of which the field notebooks were created have been enclosed as follows [....].

7-1 "Summer on the Magnetic Survey in the Vicinity of Victoria Mines" (1907)
"Flora and Fauna of Arisaig District, N.S." (1910)
"Notes Made by MYW at Yale When Preparing for Field Work on Manitoulin Island" (1912)
"Accounts in Connection with Explorations in Manitoulin Island, Thedford, etc." (1912)

7-2	"Manitoulin Notes - Plans of Oil Fields" (1920) "Albany River - Trip Down Albany River System from Pagwa to Fort Albany" (1920)
7-3	[Summer 1921/22 spent on the geology and oil resources of the Mackenzie River Valley] "Mackenzie River" (5)
7-4	[Summers of 1923-1926 spent working with the Geological Survey of Canada with associates on "Geology of Southern Alberta and Southwestern Saskatchewan"] 1923 (3)
7-5	1924 (7)
7-6	1925 (5)
7-7	1926 (2)
7-8	Hong Kong (Winter 1924/25) - Geological survey of the Colony of Hong Kong and Leased Territories 1924/25 "Europe"
7-9	Summer 1929/30 MYW headed the Non-Metallic Mineral Investigation on the Pacific Great Eastern Survey of Resources of the Peace River, West Cariboo and West Lillooet Blocks, B.C. (5)
7-10	Investigation in Quesnel Region for Major G.B. Hart of Williams Lake (1931)
7-11	"Oil Resources of Manitoulin Island for the Geological Survey of Canada" (1935) (5)
7-12	Oil Explorations in Canada with Shell Oil Company (1937) (2)
7-13	Investigation of oil resources in the Peace River for the B.C. Gov't (1938-1940) (2)
BOX 8	

- 8-1 Investigation along the Alaska Highway between Fort Nelson and Watson Lake for the Geological Survey of Canada Northwest Planning Project
   [n.d.] (5)
- 8-2 (4)
- 8-3 Investigations of oil resources along Alaska Highway for Phillips Petroleum Company (1944) (2)
   "Trip to Churchill, Manitoba" (June/July 1947)
- 8-4 "Trip to Cardston, Alberta" (August 1947)
  "C.N.R. Consultation" (1948)
  "UBC Cliff Erosion" (1948)
- 8-5 Appointed consultant to Shell Oil Company with office in Calgary (3)
- 8-6 "North Pender Island" (August 1952)
  "Vancouver Island and Adjoining Islands" (1954)
  "Field Work" (1953)
  "1935 Washout Resurveyed" (1966)
- 8-7 "Some of My Early Drawings and Notes, 1903" Trips to 'Shanty' with Grandfather Williams, 1904" Diary and Notes (1904)
  "Trip from Bloomfield, Ontario to Phoenix, B.C. Starting July 1, 1908"
- 8-8 Queen's University Student Handbook (1907/08)
   Queen's University Student Handbook (1908)
   Organic Chemistry/Nature Notes (1908/09)
- 8-9 "Trip to Europe" (1928) Yale University Student Handbook (1909, 1910/11, 1912)
- 8-10 "Trip to Geological Society of America in Los Angles, 1951" "Natural History Trips, 1952-1957" "Royal Society" (1956/57)
- 8-11 "Notes Made on Trip to Royal Society" (June 1960) Diary (1964)
  "Royal Society of Canada [Montreal] (1961)

Diary (1963) "Trip to Ottawa" (1963)

8-12 Miscellaneous

BOX 9

#### REPORTS

"Report on Properties of Lytton Gold Mines Ltd." (1934) "General Geology and Mineral Resources of Manitoulin and Adjacent Islands" (1935) "Oil Possibilities of the Pine River Valley, B.C., for 18 Miles West of Little Prairie" (1938) "Report on the Hutton Area of Alberta" (1938) "Report on the Geological Field Work in the Peace River Region of B.C. During the Summer of 1939" (1939) "Preliminary Report on the Oil Possibilities of the Peace River Area, B.C." (1939)"A Geological Reconnaissance of the Alaskan Highway from Fort Nelson to Watson Lake" 70 pp. (1943) "A Reconaissance Along the Alaska Highway from One Hundred and Fifty to Two Hundred and Six Miles North of Fort St. John" 16 pp. (1944) "Report on the Rock Conditions Along the Proposed Location of a Concrete Rock-Shed, Mile 55.6, Albreda Subdivision, CNR" (1948) "British Columbia During the Pleistocene" (1948) "Geology of the Queen Charlotte Islands" - Part I. A Summary of the Literature 18 pp. - Part II. A Synoposis of the Literature 77 pp. (Aug. 11, 1950) "Report on the Queen Charlotte Islands [based on a person visit]" 10 pp. (Summer, 1950) "Abstracts of Geological Reports on the Lower Mainland (Fraser Valley) of B.C. 139 pp. (Dec. 5, 1950) "An Outline of Geology of the Lower Mainland of British Columbia" 23 pp. (Dec. 5, 1950) "The Probability of Commercial Oil Production in B.C." [Retyped copy of report submitted in 1937] 31 pp. "The Sooke Tertiary Basin, Vancouver Island, B.C." 21 pp. (Aug. 15, 1951) "Abstracts of Geological Reports on Vancouver Island and Strait of Georgia"

343 pp. (June 5, 1951)

"Bute Inlet Wax" 6 pp. (April 20, 1954)

"The Geology of Vancouver Island with Special Application to the Cretaceous Sedimentary Basin" 142 pp. (March 13, 1952)

"Revised Structure of Thetis and Kuper Islands, B.C." 12 pp. (Aug. 1, 1952) "The Comox Coal Basin, 1924" 34 pp. (October 8, 1952)

"Geology of the Anderson River, Northwest Territories, Canada" 24 pp. (February 11, 1953)

"Geology of the Upper Mackenzie Basin within the Northwest Territories" 180 pp.

"Geology of the Northwest Territories: Abstracts of the Literature" - Vol. I 1610-1899 - Vol II 1899-1953 (Aug. 11, 1953)

"Abstracts of Geological Literature of Northeastern B.C. 12 pp. (Sept. 30, 1953)

"Potential Petroleum Regions in Canada" 87 pp. (Dec. 9, 1953)

"Geology and Oil Possibilities of Denman and Hornby Islands, B.C." 21 pp. (Dec. 28, 1953)

"The Nanaimo Basin" - Part 1 - A Review of Usher's Report - Part 2 - The Southweastern Gulf Islands (March 5, 1954)

"Geological Map of Franklin Mountains and Adjoining Mackenzie River Valley" (May 1954)

"Alberni and Cowichan Upper Cretaceous Basins of Vancouver Island" 24 pp. (Nov. 19, 1954)

"Galiano, Mayne, Curlew, Samuel and Saturna Islands based on 1954 Field Work" (Nov. 30, 1954)

"The Department of Geology at the University of B.C." (1960)

"Geology at the University of B.C. - Achievements, Goals, Functions" (1968) "The Geology of Gabriola Island and Vicinity" pp. 21 [n.d.]

"Geological Map of Gulf Islands Based on Air-Map Base" [n.d.]

"Report on the Oil Possibilities of Ten Mile and Dragon Lakes Area Near Quesnel, B.C." [n.d.]

"Geological Report on Sections Twenty, Twenty-One, Twenty-Nine & Legal Subdivisions Three, Four and Five of Township Five, Range Seventeen, West of the Fourth Meridian" [n.d.]

"Geology of Vancouver City and Environs" [n.d]

# MANUSCRIPTS / RESEARCH NOTES

10-1, 2	"History of the Department of Geology" (U.B.C.)
10-3	"Cypress Hills"
10-4	"Bute Inlet Wax"
10-5	"Churchill, Manitoba"
10-6	"A Geologist's Laboratory - The Great Out of Doors"
10-7	"Upper Canada and New York State"
10-8	"The Age of the Mount Kindle Formation of the Franklin Mountains"
BOX 11	
11-1	"Abstracts of Geological Reports on Vancouver Island and the Strait of Georgia"
11-2	"Geology of the Upper Mackenzie Basin"
11-3	"Campus Canyon Washout of 1935"
11-4	"Queen Charlotte Islands"
11-5	Manitoulin Island - Abstracts from Notebooks (1912-1915)
11-6	Canadian Rockies
11-7	"Notes on the Fauna of Prince Edward County, Ont."
11-8	Prince Edward County - Birds
11-9	Prince Edward County - History
11-10	"Geology of the Northwest Territories"

11-11	"Alberni and Cowichan Upper Cretaceous Basins of Vancouver Island"
11-12	"Comox Coal Basin"
11-13	"Geology of Vancouver Island [With Special Application to the Cretaceous Sedimentary Basin"
11-13	Religion and Science
11-14	"New Species of Marine Fossils on Pierre Ammonites from the Southern Plains of Canada"
11-15	"Geology of the Lower Mainland"
11-16	Newfoundland
11-17	Gulf Islands
BOX 12	
12-1	"Potential Petroleum Regions in Canada" - Handwritten Ms.
12-2	"The Geologist as Explorer" - Handwritten Ms.
12-3	"Magnetic Prospecting in the Sudbury District"
12-4	"Notes on the Fauna of Bruce Penninsula, Manitoulin and Adjacent Islands"
12-5	"Some Interesting Phases of the Silurian in Ontario"
12-6	"The Prong-Horn Antelope in Canada"
12-7	"Notes on Life Along the Yukon-Alaska Boundary"
12-8	"Notes on the Vertebrates of the Southern Plain in Canada, 1923-1926"
12-9	"Tertiary Plateaus in the River Basin"
12-10	"Frost Circles and Other Shallow Rock Structures"

12-11	"A Summary of the Mineral Resources of the Peace River Area of British Columbia"
12-12	"Sub-Surface Structure Map of Ten Thousand Square Miles in Southern Alberta and South-Western Sask."
12-13	"Sandstone Dykes in South-Eastern Alberta"
12-14	"Whither Geology?"
12-15	Stratigraphy and Palaeontology of the Peace River Valley of British Columbia"
12-16	"Distribution of Life Around the Pacific"
12-17	"Geology of Gabriola Island and Vicinity"
12-18	"Galiano, Mayne, Curlew, Samuel and Saturna Islands"
12-19	"The Nanaimo Basin"
12-20	"Revised Structure of Thetis and Kuper Islands, B.C."
12-21	"Geology of the Anderson River, Northwest Territories"
12-22	"The Geology and Oil Possibilities of Denman and Hornby Islands"
12-23	"Three Skulls of Bison crassicornis Richardson from the Yukon"
12-24	"Oil Prosoects of Southwestern Ontario"
12-25	"Oil Possibilities of Manitoulin Island"
12-26	"The Palaezoic Geology of the Mattagami and Abitibi Rivers"
12-27	"Silurian of Western Canada"
12-28	"Geology of the Mackenzie Valley, N.W.T."

12-29	"Submarine Channels and Organic Movements Along the Coast of B.C."
12-30	"A Geological Reconnaissance of the Alaska Highway from Fort Nelson to Watson Lake"
12-31	"Geology and Geography"
12-32	"Geological Maps and Mining Development"
12-33	"Evolution of Paleozic Life - Ordovician to Permian"
12-34	"Oil Possibilities of North-Eastern B.C."
12-35	"The Age of the Fossil Hill Coral Reefs"
12-36	"Paleozoic Orogeny in Eastern Canada"
12-37	"The Silurian of Arctic America East of the River"
12-38	Corrections to the Tectonic Map of Canada
12-39	"Forty Years of Paleontology in America"
12-40	"Phases of Geology"
12-41	Araisaig [Nova Scotia] (1910) - Correspondence with R.W. Brock
12-42	"Canada's Western Province - B.C."
12-43	"Sooke" Material
12-44	"An Introduction to the Geology of Canada" - Outline
12-45	The Pierre Seas of Western Canada

- 12-46 "Measurement of Land Movements and Sedimentation in Western Canada During Montana Time"
- 12-47 Miscellaneous Manuscripts

- 12-48 Unidentified Handwritten Notes
- 12-49, 50 Miscellaneous Public Lectures by MYW
- BOX 13
- 13-1/3 Hong Kong Survey (1923-1933)
- 13-3a Birds of Hong Kong (1925)
- 13-4 Great Plains Manuscript
- 13-5 Great Plains Sections etc.
- 13-6 Great Plains Well Logs and Stratagraphic Data
- 13-7 Great Plains Map and Section Data
- 13-8 Manitoulin Island Abstracts from Notebooks (1912-1915)
- 13-9, 10 Manitoulin Island
- 13-11 Ordovician of Georgian Bay District

- 14-1/5 Peace River Material
- 14-6/9 "Oil" Publications Misc.

#### BOXES 15, 16

#### Pacific Great Eastern Survey

#### BOX 17

- 17-1 Vancouver Institute History
- 17-2 Society of Friends

- 17-3 Kente Handwritten Manuscript
- 17-4 Kente Typewritten Manuscript
- 17-5 Kente Source Material

#### CORRESPONDENCE

"A" Misc. Alcock, F.J. Arctic Institute Association of Professional Engineers

"B" Misc. Barrell, Joseph Bassler, R.S. Bateman, Alan M. (& Behre, C.H.) Beaton, Frank Bell, A.H. Bendell, James Berry, E.W. Bocock, J.B. Bowman, Isiah British Columbia Bird and Mammal Society British Columbia Chamber of Mines British Columbia National Resources Conference British Columbia Research Council Brock Memorial Hall (UBC) Brock, R.W. Brooks, Alfred H. (Chief Alaska Geologist) Bruce, E.L. Buckman, Sidney Savory

"C" Misc. Canadian Broadcasting Corp. Canadian Club Canadian Field Naturalist Canadian Geographical (Journal) Society (2) Canadian Institute of International Affairs Canadian Institute of Mining and Metalurgy (3) Canadian Mining Journal

#### **BOX 19**

Carma, F.G. Chadwick, Geo. H. Chicago, University of Clark, L.M. Clarke, J.M. Clemens, W.A. Cockerell, T.D.A. Cole, Arthur A. Collins, W.H. Conferences Connecticut Academy of Arts and Sciences **Cooperative Test Service** Corless, C.V. Crickman, Colins H. Crickman, Geoffrey Crowdis, Don Curriculum Committee (Applied Science - UBC) "D" Misc. Davis, S.G. (Hong Kong) **Dominion Archivist** Dominion - Dept. of Interior - McHugh, Edgar Dominion - Dept. of Interior Dominion - Dept. of Mines - Camsell, Chas. Dominion - Dept. of Mines - Hume, Geo. S. Dominion - Dept. of Mines - Lynch, F.C.C. Dominion - Dept. of Mines - McLearn, F.H.

Dominion - Dept. of Mines - National Parks Board

Dominion - Dept. of Mines - Taverner, P.A.

Dominion - Dept. of Mines - Young, G.A.

Dominion - Dept. of Mines

Dominion - National Museum

Dominion - Pacific Biological Station - Munro, J.A.

Dresser, John A. Dunbar, C.O. (Yale University) Dyer, W.S.

"E" Misc.

Eaton, Geo. F. (Osborn Botanical Lab, Connecticut) Ebutt, F. (Brittania, B.C.) Engineering Profession in B.C.

"F" Misc. Faculty Association Faculty Club (UBC) Foerste, Aug. F. Fossil Localities Fournier, Frank

#### BOX 20

"G" Misc. Geological Society of America Geological Survey - Hong Kong - Schofield, S.J. Geological Survey - Hong Kong - Uglow, W.L. Geological Survey of Canada [Canada. Geological Survey] Gilmore, C.W. (U.S. National Museum) Graham, Maxwell Graham, Roy Grauer, A.E. (Dal)

"H" Misc. Harkin, J.B. Harkness, R.B. Hatter, James (Fish & Game Branch) Hawthorne, H.B. Haydon, Andrew Hayes, Albert O. Hong Kong - Colonial Secretary Hume, G.S.

"I" Misc. Imperial Guarantee & Accident Insurance Co. Ingall, E.D. Inquiries

"J" Misc. Japanese Correspondence Jericho Country Club Joubin, Franc

"K" Misc. Kentucky Geological Survey Knight, Cyril W.

"L" Misc. Lamb, W. Kaye Lambart, C.J. LeRoy, Osmond E. Letterman, Ralph Library (UBC) Logie, R.L.

"Mc/Mac" Misc. McConnell, R.G. Macdonald, John B. McInnes, William Mackay, J. Ross Mackenzie River - General (1921) McLeans Publishing Co. MacMillan, H. Reginald MacNeil, D.J.

#### BOX 21

"M" Misc. Maher, W.R. Matthew, W.D. Matthews, J.S. Mawdsley, J.B. Miller, Willet Green Moore, E.S. Museum - Vancouver

Museums - Misc. "N" Misc. "O" Misc. Oliver, H.C. Ontario, Province of Osborne, Freleigh F. "P" Misc. **Pacific Science Congress** Packers, Guides, etc. Paleontological Society Palmer, Harold S. Peace River Phemister, T.C. Phillips Petroleum Co. Pierce, Mitchell Pirsson, L.V. **Princeton University** Professional Institute of Civil Servants of Canada Provincial - Dept. of Education - Dept. of Mines (Peace River) - Game Board - Minister of Lands - Provincial Museum

Provincial Secretary - Weir, G.W.

"Q" Misc. Queen's University

"R" Misc. Rogers, W.R. Ross, C.C. Ross, C.W. Royal Ontario Museum Russell, Lois S.

"S" Misc. Sage, Walter N. Schofield, Stuart James

#### BOX 22

Schuchert, Charles Savard, A.C. Shell Oil Company (2) Stanley, George F. Stauffer, Clinton R. Steffansson, Vilhjalmur Sternberg, Charles H. Sternberg, C.M. Survey of Resources (Pacific Great Eastern Railway) Swartz, Charles K.

"T" Misc. Tanton, T.L. Teachers' Insurance and Annuity Association Thorton, Mildred Valley Tinsley, E. Train, Percy

Ulrich, E.O. Union College U.B.C. - Boxer Indemnity Fund - Clippings – Publications - Library - Personnel

#### BOX 23

U.B.C. - Various

"V" Misc. Vancouver Institute Vancouver Natural History Society Vancouver. Parks Board Vaughan, T. Wayland Victoria College

"W" Misc. Walcott, Charles D. Walker, T.L. Warren, Harry V. Wartime Bureau of Technical Personnel Watson, Ken Weeks, L.J. Weller, Stuart Whittaker, E.J. Who's Who Williams, D.W. Williams, Edwin P. Williams, M.Y. - Current File Winson, J.W. Wisconsin, University of Witson, Alice E. Woodside, Henry J.

"XYZ" Misc. Yale University

#### BOX 24

#### REPRINTS

"A" Misc. Aerial Photography Alaska Albright, W.D. Alcock, F.J Ami, H.M. Allan, J.A. Allan, J.A. Ambrose, J.W. (Queen's) Amphibia and Reptiles Andrews, E.C. Archeology Arctic Exploration Armstrong, J.E. Arnold, Chester A. Astronomy Australia

"B" Misc. Bain, George W. Mt. Baker Bailey, C.B. Barrel, Joseph Bartum, J.A. Bassler, J.A. Beachler, C.S. Beecher, C.E. Bell, Alfred Bell, Robert Bell, W.A. Berkey, C.P.

#### BOX 25

Berry, Edward W. Billings, W.R Biology Birds - Fossil Birds - General Birds - Protection of Blackwelder, Eliot Borden, Charles E. Botany Brachipods Bridge, Joseph Brock, B.B. Brock, R.W. Bruce, E.L. Bryan, Kirk (3) Burling, L.D. Burwash, E.M.J.

"C" Misc. Cairnes, D.D. Cameron, A.E. Carboniferous Cattell, J.M. Catalogues Cepholods Chadwick, G.H. Chamberlin, Rollin T. Chamberlin, T.C. City Museum Board Clark, A.H. Clark, Thomas H. Clarke, John M. Claypole, E.W. Climate Cobbold, E.S. Cockerell, T.D.A. Coleman, A.P. Collins, W.H. Conodonts Conservation Cooke, H.C. Corals Cowan, Ian McTaggert Cretaceans Crickman, Colin H. (2) Crickman, Geoffrey W. Crooke, A.R. Cumings, E.R.

#### BOX 27

"D" Misc. Daley, R.A. Dall, W.H. Dana, E.S. Dana, J.D. Danner, W.A. Davidson, John Davis, W.M. Dawson, G.M. DeLury, J.S. Denny, Chas. S. Devonian Dolmage, V. Dorf, E. Douglas, G. Dowling, D.B. Drysdale, C.W. Dwight, W.B. Dunbar, Carl O. Dyar, W.S.

# "E" Misc. Earth Origin

Earthquakes Ebbutt, F. Echinoderms Ehlers, G.M. Ells, R.W. Eozoon Canadense Evolution

"F" Misc. Fairbault, E.R. Fairchild, H.L. Fenton, C.L.

#### **BOX 28**

Ferguson, H.G. Fishes Foraminifera Forests Fraser, C. McLean Fritz, Madeline A. Fuels Fujiwhara, S.

"G" Misc. Gastropods **Geological Survey Publications** Geography - Alaska Rd. B.C. Gidley, James W. Gilmore, Chas. Glaciation Goranson, Roy W. Goldring, Winifred Goldthwaite, J.W. Graham, Roy Gregory, W.K. **Great Lakes Grouse Investigations** Gunning, H.C. Gussow, W.C.

#### BOX 29

Hamada, Takashi Hay, Oliver P. Hanson, Geo. Hayes, O.A. Health Hedstrom, Herman Hewett, D.F. History Hodgson, Ernest A. Horwood, H.C. Hubbard, G.D. Hughes, R.D. Hume, G.S. Hyde, J.E.

"I" Misc. Insects Isostasy

"J" Misc. Japan - Hayasaku, I. Japan - Makiyama, J. Jeletzky, J.A. Johnson, Douglas Johnson, R.A.A. Johnston, W.A. Jones, O.T.

#### **BOX 30**

Joubin, Franc R.

"K" Misc. Kania, J.E. Kay, G. Marshall Kellogg, R. Kemp, J.F. Kidd, D.F. Kindle, E.M. Kitto, F.H. Knowlton, F.H. Knight, J.B. Kobayshi, T.

"L" Misc. Labour Lambe, Lawrence M. Lamarque, E. Lane, A.C. Lapworth, Chas. Laudon, L.R. Laval University Studies Lee, William T. Lees, E.J. Leith, C.K. Leith, E. Levorsen, A.I. Lindsey, C.C.

Lindstrom, G. Link, T.A. Logan, Sir W.E. Lopatin, Ivan H. Lull, R.S. Lyell, Sir Charles "Mc & Mac" Misc. McConnell, R.S. Mackay, B.R. Mackay, J. Ross Mackenzie, J.D. McLearn, F.H. MacNeil, Don J. McTaggert, K.C. "M" Misc. Mammals - Fossil Mammals - Modern Man Mansfield, W.C. Marcou, Jules Mathews, W.H. Mather, K.F. Mawdsley, J.B. Medina Mertie, J.B. Meteorites Meteorology

#### BOX 32

Miller, A.K. Moon Moore, G.S. Morse, W.C.

"N" Misc. Natress, Rev. T. Nelles, D.H. Nelson, Samuel J. New Brunswick Newfoundland (2) Nichols, D.A.

Oil, Imperial Oceanography

**BOX 33** 

"P" Misc. Pacific Science Congress Paleobotany Paleontology – Vertebrate Paleontological Society Palmer, H.S. Parks, W.A. Peacock, M.A. Photography & Photos (Large) Physiography Pleistocene Pre-Cambrian

"Q" Misc.

"R" Misc.

### BOX 34

Rand, A.C. Reptiles Reptiles - Fossil Raymond, P.G. Recent Reeds, C.A. Reeside, J.B. Reid, R.L. Reinecke, L. Riley, C. Robertson, T. Robinson, J.L. Rouse, Glenn E. Ruedeman, R. Russell, L.S. Rutherford, R.L. Ruxton, B.P.

"S" Misc. St. Lawrence Sage, W.N. Sandstone Dikes Savage, T.E. Schofield, S.J. Science News Schuchert, Chas. (2)

### **BOX 35**

Schuchert, Chas. (2) Sederholm, J.J. Seyer, W.F. Shimer, H.W. Shorelines Shrum, G.M. Silurian Simpson, G.G. Sinclair, W.J. Smith, Harlan I. Spencer, G.J. Stager, John K. Stanley, George Stauffer, C.R. Steffanson, V. Sternberg, C.M. Stewart, Grace A. Stromatoperoids Structure Stumm, Erwin C. Sussmilch, C.A.

Swartz, F.M.

BOX 36

"T" Misc. Taverner, P.A. Taylor, Griffith Teller, Edgar E. Tertiary Thompson, M. Thompson, M. Thompson, R.M. Tillyard, R.J. Tolman, Carl Trilobites Trueman, J.D. Turnbull, J.M. Twenhofel, W.H. (4) Tyrrell, J.B.

**BOX 37** 

"U" Misc. **UBC** President Udvardy, M.D.F. Uglow, W.L. Ulrich, E.O. Upham, W. "V" Misc. Van Ingen, G. Van Name, W.G. Vaughan, T.W. Visher, S. Vertebrates Volcanism "W" Misc. Wallace, R.C. Walcott, C.D. Warren, H.V.

Warren, P.S. Weller, Stuart Whiteaves, J.F. Whitfield, R.P. Wieland, G.R. Williams, Edwin Williams, A.S. Williams, T.B. (3) Wilson, Alice E. Wilson, M.E. Wilson, J.T. Woodring, W.P.

"XYZ" Misc. Yamane, S. Yehara, S. Yucatan

BOX 39

# MISCELLANEOUS SUBJECTS

Geological Society of America

Correspondence - Incoming and Outgoing

39-1	1919 - 1945
39-2	1946 - 1948
	Printed Material
39-3	1911 - 1942
39-4	1040 1047
39-4	1943 - 1946

39-6	1958 - 1961
39-7	1962 - 1964
39-8	1965 - 1967
39-9	1968 - 1969
BOX 40	
40-1	1970
40-2	1971
40-3	1972
40-4	1973

# Royal Society of Canada

Correspondence

- 40-51926 194040-61941 196040-71958 196040-8196040-91961 196640-101969-1971
- 40-11 Council Minutes, etc. (1962-1963)
- 40-12 Section III Minutes, Printed Material (1962-1966)

41-1	Programs (1955-1967)
41-2	Reports of the Council (1955-1967)
41-3	"Fifty Years in Retrospect" (1932) "Portraits of the Royal Society of Canada, 1938/39"
41-4	Misc. Publications
41-5	Dept. of Geology - Museum and Donations
41-6	Dept. of Geology - Misc. Records
41-7 41-8	Dept. of Geology - Misc. Lecture Notes Greetings to M.Y.W. from former students (1921-1950)
41-9	Course Notes - Botany Short Course from J. Davidson (1936)
Museums - Vancouver	
41-10	Vancouver Civic Museum Board

- 41-11 Canadian Museum Association
- 41-12 Misc. Material
- 41-13, 14 B.C. Natural Resources Conference (1949-1957)
- 41-15 Student Christian Movement (UBC)
- Canada. Department of Mines. Geological Survey. Reports (Arranged chronologically Incomplete)

BOX 42

1937 - 1944

1944 - 1951

# BOX 44

1951 - 1958

## MAPS

BOX 45

AFRICA Geology Along the Igneous Contact Cuanza Embayment

# ARCTIC AUSTRALIA

BRITISH ISLES

## CANADA - GENERAL WORKS

ALBERTA General Works Banff Blairmore Brooks Cadomen Sheet Calgary Coal Lands of Southern Alberta Dunmore Edmonton Fallentimber Fish Creek Foremost Foothills Frank George Creek Grave Flats

Hardisty Jumpingpond Lethbridge Sheet Lethbridge-Calgary Land District Midnapore Milk River Sheet Monitor Moose Mountain

#### BOX 46

**BRITISH COLUMBIA** Mining Maps - General Works Coal Areas of B.C. - General Works Forests - General Works **Bibliographies - Maps** Cariboo District Anyox-Cassiar District **Barkerville** Area Cariboo Mountain Chiaz Creek Fort George Sheet Keithley Creek Little River **Quesnel Forks Sheet** Willow River Sheet **Cassiar District** Atlin **Bear River Sheet** Dease Lake Area Eagle-McDame Area **Finlay River Area** Portland Canal Area Salmon River Area Stewart Sheet Stikine River Area Upper Kitzault Valley **Coast Region** Bella Coola Area Britannia Beach

Eutsuk Lake Area Fort Fraser Fraser River Delta Grenville Channel Islands (Misc.) Powell Lake Prince Rupert Sheet Queen Charlotte Islands Tahtsa-Morice Area Vancouver Kamloops, Osoyoos & Similkameen Chu Chua Creek Sheet Clearwater River & Foghorn Creek Hedley Heffley Sheet Keremeos Kettle River Louis Creek Sheet Okanagan Falls Olalla Thompson River Valley (below Kamloops Lake) Wolfe Creek Kootenay District Ainsworth **Big Bend Area** Cranbrook Map Flathead Coal District Kokanee Glacier Park Kootenay Lake Area Lardeau Area Nelson & Vicinity Salmo Sheet Sardon Slocan & Upper Arrow Lakes Area Windemere Lillooet District **Bridge River** Cadwallader Creek Area Lillooet Sheet Taseko River Area

Yale District Coquihalla River Area Zymoetz Area Vancouver Island General Works Courtenay Duncan Sheet Quatsino-Nimpkish Area Saanich Sooke Sheet Victoria Zeballos Mining District

#### BOX 47

MANITOBA General Works Athappuskow Lake Region Berens River Sheet **Bersford Lake** Bigstone & Fox Rivers Area Carroll Lake Sheet Churchill & Nelson Rivers Cross & Pipestone Lakes Area Deer Lake Sheet Elbow-Morton Area Flin Flon Lake Area Gem Lake Granville Lake Sheet Hecula Sheet Island Lake Area Kississing Lake Area Lac DuBonnet Sheet Maskwa River Nickel-Copper Dep. Norway House Sheet **Oiseau** River Oswagon Lake - Burntwood River Area Oxford & Knee Lakes Area The Pas Sheet Rex Group of Claims, Wekusko Lake

Rice Lake Mining District Steal River Still Lake Sheet Upper Whitemouth River Wekusko Winnipeg Sheet Winnipegosis

NEW BRUNSWICK General Works Albert County Alward Brook Bathurst Burnthill Brook Tungsten Area Campbellton Chipman Sheet **Gloucester County** Jacquet River Matapedia Minto Sheet Moncton Petitcodiac Salisbury Serpentine Lake Sheet Sevogle Rivers Area St. John **Tetagouche River** Woodstock Area

### NEWFOUNDLAND

NOVA SCOTIA General Works Arisaig Cape Breton Carleton-Kemptville Gold Area Digby Sheet Franey Mine & Vicinity Kejimkujik Lake Sheet

Miscellaneous Maps

INDEX CARDS

BOXES 49 & 50

Six drawers of index cards, generated by MYW in the course of his research.

(continued)

MISCELLANEOUS PRINTED / PUBLISHED MATERIAL

# BOX 51

Miscellaneous printed / published material.

# PHOTOGRAPHS

### BOXES 52 & 53

Photographs include numerous family photographs (1875-1920) as well as some photographs relating to M.Y.W.'s work.

For more information see Merton Yarwood Williams Photograph Inventory [Incomplete] and the M.Y. Williams Slides Inventory, both of which can be accessed only in paper form through UBC Archives.

# FAMILY HISTORY (cont.)

BOX 54

54-1, 2 "To be re-boxed when display is taken down" [1892-1963] - variety of materials from "Family History" and possibly other series, including correspondence, publications, reports, and unidentified photographs – original provenance has been lost

- 54-3 Bound volume
  - contains hand-written verse, prose, and other narratives, dated 1825-1885
     includes inserts of 1890s pamphlets "Anti-Caste" and "Our Canadian Boys", and undated hand-written notes
  - front page covered in wax seals, mostly intact

### INDEX CARDS (cont.)

BOX 55

One box of index cards to MYW's map collection, with a small notebook describing the numbering system for the collection.

Provenance uncertain – may be a product of the arrangement and description process undertaken in Special Collections after the map collection was acquired.