

HERTY, CHARLES H. (CHARLES HOLMES), 1867-1938.

Charles H. Herty papers, 1860-1938

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Descriptive Summary

- Creator:** Herty, Charles H. (Charles Holmes), 1867-1938.
- Title:** Charles H. Herty papers, 1860-1938
- Call Number:** Manuscript Collection No. 8
- Extent:** 73.5 linear feet (147 boxes), 3 bound volumes (BV), 1 oversized papers box and 2 oversized papers folders (OP), and 54 microfilm reels (MF)
- Abstract:** Personal and professional papers of Georgia chemist Charles Holmes Herty, including correspondence, financial and legal records, manuscripts, notes, photographs, clippings and copies of articles and speeches dealing with Herty's research and interests, records of his work with professional organizations, and family photographs and memorabilia.
- Language:** Materials entirely in English.

Administrative Information

Restrictions on Access

Collection stored off-site. Researchers must contact the Rose Library in advance to access this collection.

Terms Governing Use and Reproduction

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Source

Gift, 1957, with subsequent additions.

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Citation

[after identification of item(s)], Charles H. Herty papers, Stuart A. Rose Manuscript, Archives, and Rare Book Library, Emory University.

Processing

Processed by Monica J. Blanchard, 1981.

Collection Description**Biographical Note**

Charles Holmes Herty was born December 4, 1867, in Milledgeville, Georgia, to Bernard R. Herty, a druggist, and Louisa Turno (Holmes) Herty. He and his younger sister Florence were orphaned at an early age. They were brought up by an aunt, Florence I. Holmes of Athens, Georgia. After graduating from Middle Georgia Military and Agricultural College in Milledgeville (1884), Herty went to the University of Georgia (B.Ph. 1886) and Johns Hopkins University (Ph.D., chemistry, 1890). His dissertation research on double halides of lead and alkali metals was directed by Dr. Ira Remson.

He worked as an assistant chemist at the Georgia State Experiment Station (1890-1891), and was an instructor and adjunct professor of chemistry at the University of Georgia (1891-1902). He introduced football to the University, and served as the first athletic director. In 1899, Herty went to Europe and studied under eminent chemists including Dr. Alfred Werner and Dr. Otto N. Witt. He returned to the United States in 1901 disturbed by Witt's criticism of the wastefulness of the American naval stores industry. His own observations confirmed the validity of the criticism. In the summer of 1901, Herty introduced a cup and gutter system for collecting turpentine on an experimental scale in Statesboro, Georgia, under a grant from naval stores factors. The results were encouraging. He worked for the U. S. Bureau of Forestry (1902-1904) refining and publicizing his patented process. In 1904 and 1905 he was employed by the Chattanooga Pottery Company, the distributor of his patented turpentine cups. The cup and gutter system was efficient, more productive, and less destructive of trees than the boxing method used by most American turpentine gatherers, and it quickly became the standard process for collecting turpentine.

As a professor of chemistry at the University of North Carolina at Chapel Hill (1905-1916), Herty continued to do some research on the theory of chemical compounds, but increasingly he turned his efforts to the practical application of chemistry for the improvement of industry. At Chapel Hill he carried out research on various pine products, cottonseed oil, soaps and leather.

Herty became nationally prominent in 1915 when he was elected president of the American Chemical Society. He was twice president of the American Chemical Society (1915-1916), editor of the *Journal of Industrial and Engineering Chemistry* (1917-1921), president of the Synthetic Organic Chemical Manufacturers Association (1921-1926), and advisor to the Chemical Foundation, Inc. (1926-1928). During these years he was primarily a publicist for the cause of chemistry and the American chemical industry. He called for the development of Southern chemical resources, cooperation research between universities and industries, more fundamental chemical research, and an improvement in the quality of industrial chemical education. He attempted to educate the public on the importance of chemistry in everyday life

through a series of speeches, articles and joint efforts with the Chemical Foundation. He played an important role in the establishment of an independent American organic chemical industry, particularly the coal-tar industry. In 1919 President Wilson sent him to Europe to negotiate the purchase of impounded German dyestuffs. Herty stressed the importance of chemical industry to the national defense, and energetically defended the establishment of the U. S. Chemical Warfare Service (1918-1929). He also helped in the creation of the National Institute of Health (1918-1930).

From 1928 to 1938 he concentrated his efforts on developing and promoting chemical industry in the South. As an independent industrial consultant (1928-1935) he encouraged financial investments in existing southern industries, and he helped to create new industries. It was commonly believed that young southern pines were too resinous for use as newsprint paper pulp. Herty discovered that this was not true. In 1932 he was appointed director of the Division of Pulp and Paper Research of the Georgia Department of Forestry and Geological Development. Grants from the State of Georgia, the Chemical Foundation, and the City of Savannah provided for the construction of a laboratory in Savannah (this became the Herty Foundation Laboratory in 1938) for experimental work with pine pulps. Herty's successful experiments opened the way for a southern newsprint paper industry. A 1938 March of Time newsreel gave wide publicity to this work.

In 1933 and 1934 Herty served as a deputy administrator of the National Recovery Administration. He was also a member of the Georgia State Planning Board (1937-1938). He was actively involved in the organization and work of the National Farm Chemurgic Council (1935-1938).

In 1932 he received the medal of the American Institute of Chemists. In 1934 he received the first Herty medal, a chemistry award given annually in his honor by the Georgia State College for Women and the Georgia Section of the American Chemical Society. He was awarded honorary degrees by Colgate University, Duke University, Oglethorpe University, the University of Florida, the University of Georgia, the University of North Carolina, and the University of Pittsburgh.

Herty married Sophie Schaller of Athens in 1895. They had three children: Dr. Charles Holmes Herty, Jr., a steel metallurgist; Frank Bernard Herty, a business executive; and Sophie Dorothea Herty Minis, plant physiologist. Herty died in Savannah on July 27, 1938, following heart attack, and was buried in Milledgeville. After his death, the Slash Pine Forestry Association campaigned for the establishment of a Herty Forest Institute in Waycross, Georgia, to carry on a forestry education program for young people. The Charles Holmes Herty Memorial Highway, from Columbus to Savannah by way of Statesboro, became part of the official Georgia state highway system in 1940. The liberty ship S.S. Charles H. Herty, launched from Savannah on November 17, 1943, was another tribute to Herty's work. A plaque was set up in the State Capitol of Georgia in 1946 to commemorate his achievements in Georgia and in the South.

More biographical information can be found in the following articles: Frank K. Cameron, "Charles Holmes Herty (1867-1938)," *Journal of the American Chemical Society*, 61 (1939): 1619-1624; D. H. Killeffer, *Dictionary of American Biography*, Supplement 2: 300-302; A. V. H. Mory., "American Contemporaries-Charles Holmes Herty," *Industrial and Engineering*

Chemistry, 24 (December 1912): 1441-1442; Florence E. Wall, "Charles Holmes Herty-Apostle to the South.," *The Chemist*, 9 (February 1932): 123-131.

Scope and Content Note

The collection consists of the personal and professional papers of Charles Holmes Herty from 1860-1938. The papers include personal and professional correspondence; financial and legal records; manuscripts, notes, photographs, clippings and copies of articles and speeches dealing with Herty's research and interests; records of his work with professional organizations; and family photographs and memorabilia.

Series 6, Industrial Progress and National Defense, is the largest of the fifteen series. Most of the papers are from the years 1915 to 1928. They concern Herty's work for the development and protection of the American chemical industry, particularly the coal-tar industry; his defense and promotion of the U. S. Chemical Warfare Service; and his campaign linking a strong national defense to an independent American chemical industry.

Series 3, American Chemical Society, is another large series. It contains papers relating to Herty's terms as ACS president (1915-1916) and editor of the *Journal of Industrial and Engineering Chemistry* (1917-1921) and to the other activities of his 35 years as an ACS member.

Series 4, Naval Stores, Forestry, and Paper and Pulp, deals with Herty's scientific contributions to the naval stores and paper and pulp industries, his work as an officer of the U. S. Bureau of Forestry (1902-1904), with the Pine Institute of America, Inc. (1925-1932), as a member of the Advisory Committee of the U. S. Timber Conservation Board (1931-1932), and as director of the Savannah Pulp and Paper Laboratory (1932-1938).

There are some gaps in the papers. There is little correspondence about Herty's activities as director of athletics and football coach at the University of Georgia (Series 2); as president (1921-1926) of the Synthetic Organic Chemical Manufacturers Association (Series 6); and as director of the Savannah Pulp and Paper Laboratory (1932-1938).

Herty was a prolific letter writer with many friends and contacts in government, industry and the academic world. He corresponded with Representative Ebenezer J. Hill (Conn.) (1915-1917, 64 items) and Senator Furnifold M. Simmons (N.C.) (1915-1921, 28 items) about protective legislation for the American coal-tar dye industry. There are approximately 450 items of correspondence (mostly 1926-1932) between Herty and Senator Joseph Ransdell (La.) concerning Ransdell's legislation for a National Institute of Health. Herty maintained a long-term correspondence beginning in 1916 with Representative Nicholas Longworth (Ohio), and continuing after Longworth's death in 1931 with his secretary, Mildred Reeves. The correspondence concerned protective legislation for the American chemical industry and the progress of Senator Ransdell's Health Institute legislation in the House of Representatives.

There is correspondence (mostly 1901-1902) with U. S. Forester Gifford Pinchot who was impressed by Herty's naval stores work and appointed him to the U. S. Bureau of Forestry. General Amos A. Fries, Chief of the U. S. Chemical Warfare Service, was a frequent correspondent in the 1920's. Herty's closest association was with Francis P. Garvan, Alien Property Custodian and President of the Chemical Foundation., Inc. From 1919 until Garvan's death in 1937, they worked together to protect American chemical industry, to establish a

National Institute of Health, and to educate the public about the importance of chemistry in everyday life.

Herty was in frequent contact with a great number of chemists and other scientists throughout his career. He was especially close to Dr. Edward Fahs Smith (University of Pennsylvania), Dr. Francis Preston Venable (University of North Carolina), and Dr. William Hale (Dow Chemical Co., research consultant). Beginning in 1911, he continued an intermittent but lifelong correspondence with Eloise Gerry of the U. S. Forest Service.

Herty also maintained a long and close association with the *Manufacturers Record* (1901-1932) and with its editor, R. H. Edmonds. Other significant correspondents are included in the Index to Selected Correspondents.

Arrangement Note

Organized into sixteen series: (1) General correspondence, (2) Academic career, life at Chapel Hill, and Episcopal Church, (3) American Chemical Society, (4) Naval stores, forestry and paper and pulp, (5) Agriculture and natural resources, (6) Industrial progress and national defense, (7) Medicine and health, (8) Chemical Foundation, Inc., and Francis P. Garvan, (9) Industrial consultant work, (10) Educational work, (11) Associations and organizations, (12) Personal papers, mementoes and memorabilia, (13) Notebooks, speeches, writings, clippings, and office filing system, (14) Printed materials on microfilm, (15) Photographs, and (16) Additions.

Description of Series

Series 1: General correspondence, 1881-1938

Series 2: Academic career, life at Chapel Hill, and Episcopal Church, 1891-1938

Series 3: American Chemical Society, 1893-1938

Series 4: Naval stores, forestry, paper and pulp, 1860-1938

Series 5: Agriculture and natural resources, 1907-1938

Series 6: Industrial progress and national defense, 1912-1938

Subseries 6.1: Industrial progress, 1915-1938

Subseries 6.2: Industrial progress and national defense, 1912-1938

Subseries 6.3: National defense, 1915-1931

Series 7: Medicine and health, 1918-1938

Series 8: The Chemical Foundation, Inc. and Francis P. Garvin, 1919-1937

Series 9: Industrial consultant work, 1914-1938

Series 10: Educational work, 1901-1938

Series 11: Associations and organizations, 1890-1938

Series 12: Personal papers, mementoes, and memorabilia, 1875-1938

Series 13: Notebooks, speeches, writings, clippings, and office filing system 1880-1938

Series 14: Printed materials on microfilm

Series 15: Photographs, circa 1872-1838

Series 16: Additions by Herty family and others, 1895-1970

Series 1
General correspondence, 1881-1938
Boxes 1-5

Scope and Content Note

The general correspondence includes personal correspondence with friends and associates; job inquiries, referrals and offers; personal recommendations; magazine and newspaper subscriptions; book orders; and some correspondence about Herty's research on double halides (1892-1898). There is also some correspondence relating to halide research in Series 2 [John Hopkins University, Dr. Ira Remsen and the *American Chemical Journal* folder]. For a list of the more frequent correspondents, see the Index to Selected Correspondents.

The correspondence (1929-1938) between Herty and Lois W. Woodford (his secretary, 1917-1933) pertains mainly to office and personal matters. This is an especially helpful guide to Herty's activities between 1929 and 1933. For correspondence with Woodford prior to 1929 see the Journal of Industrial and Engineering Chemistry office correspondence (1917-1921) in Series 3, the Synthetic Organic Chemical Manufacturers Association general correspondence (1922-1926) in Subseries 6.1, and the Chemical Foundation, Inc., correspondence (1926-1928) in Series 8. For Woodford's activities on The Women's Service Committee and other activities related to women in chemistry see Series 3 [Committees, Committee on Women's Award in Chemistry and Women's Service Committee folders].

General Correspondence

Box	Folder	Content
1	1	1881, 1884, 1891-1898
1	2	1899
1	3	1900-1901
1	4	1902-1904
1	5	1905
1	6	January-June 1906
1	7	July-December 1906
1	8	January-May 1907
1	9	June-December 1907 and undated
1	10	January-July 1908
1	11	August-December 1908 and undated
1	12	January-June 1909
1	13	July-December 1909
1	14	1910
1	15	1911
2	1	1912
2	2	1913
2	3	1914
2	4	1915

2	5	January-September 1916
2	6	October-December 1916 and undated
2	7	January-May 1917
2	8	June-December 1917
2	9	January-June 1918
2	10	July-December 1918 and undated
2	11	January-April 1919
2	12	May-December 1919
3	1	1920
3	2	1921
3	3	1922
3	4	January-July 1923
3	5	August-December 1923 and undated
3	6	1924
3	7	1925
3	8	1926
3	9	1927
3	10	1928
3	11	1929
3	12	1930
3	13	1931
4	1	1932
4	2	1933
4	3	1934
4	4	1935
4	5	1936
4	6	1937
4	7	1938
4	8	undated

Lois W. Woodford correspondence

5	1	1929
5	2	1930
5	3	1931
5	4	January-April 1932
5	5	May-August 1932
5	6	September-December 1932
5	7	1933
5	8	1934
5	9	1935-1938

5 10 undated

Series 2**Academic career, life at Chapel Hill, and Episcopal Church, 1891-1938****Boxes 6-14****Scope and Content Note**

This series includes papers relating to Johns Hopkins University, the University of Georgia, and the University of North Carolina (Chapel Hill). Also included are papers concerning Herty's civic activities at Chapel Hill and his term as president of the Chapel Hill Telephone Company, as well as all papers about church activities.

Herty obtained a Ph.D. degree in chemistry from Johns Hopkins University (JHU) in 1890. His dissertation research on double halides was done under the direction of Dr. Ira Remsen. He maintained close ties with the University throughout his life. He was president of the New York Alumni Association in 1924, and served on the JHU Half-Century Committee for New York in 1925. He was a member of the Chemistry Alumni Committee (1924-1926) to raise \$2,500,000 for the University chemistry department. He also served as chairman (1929-1933) of the New York State Committee on the JHU National Fellowship Plan. Francis P. Garvan provided the fellowship for the state of New York. The Johns Hopkins files include general correspondence with former teachers such as Dr. Edward Renouf and Dr. Harmon Northrup Morse; correspondence about Herty's membership on a Remsen Memorial Committee (1927); and some correspondence about the JHU chemistry department. Correspondence with Dr. Ira Remsen is arranged separately

Herty received a B.Ph. degree from the University of Georgia (UGA) in 1886. In 1890 he returned as an assistant chemist at the Georgia Experiment Station, and in 1891 he became an instructor in the department of chemistry at UGA. Within three years he was appointed an adjunct professor. He held that position until 1902 when he resigned to work for the U. S. Bureau of Forestry. Herty was the first athletic director of the University, and he wrote the constitution organizing the athletic association. He introduced football to UGA: he also served as the first football coach. The University athletic field near Old College was named Herty Field in his honor. In 1928 he was awarded an honorary LL.D. degree by UGA: he delivered the University commencement address for that year. He was in frequent contact with Dr. Alfred W. Scott, UGA chemistry department, in 1928 and 1929 about an endowment by Mrs. B. F. Bullard of Savannah. Herty persuaded Mrs. Bullard and UGA to use the endowment to finance a systematic study of the composition of resene by Dr. Scott in connection with Herty's work for the Pine Institute of America (PIA) on fundamental research in naval stores. A misunderstanding with the PIA hampered Scott's progress. In 1929, Herty led a Round Table Conference discussion on Southern economic conditions for the UGA Institute of Public Affairs and International Relations. He was a visiting lecturer at UGA in 1930. Also in 1930, Herty suggested to the University that he be offered a consultant position similar to the position he held at Alabama Polytechnic Institute, but lack of funds prevented this. He was elected to honorary life membership on the Board of the UGA Athletic Association in 1937. There are few references to Herty's athletic activities and to his work at the Georgia Experiment Station in the early papers. Correspondents include: Dr. Alfred Akerman, Dr. W. H. Boccock, Dr. C. J. Brockman, Richard P. Brooks, Walter B. Hill, Dr. Alfred W. Scott, Dr. Steadman V. Sanford, Dr. Charles Mercer Snelling, Dr. Andrew M. Soule, Dr. Charles Morton Strahan, and Dr. Tom

Whitehead. Correspondence with Dr. William Davis Hooper, UGA professor and Herty's brother-in-law, is arranged separately in Folder 6. It includes family and University related correspondence.

Herty received a B.Ph. degree from the University of Georgia (UGA) in 1886. In 1890 he returned as an assistant chemist at the Georgia Experiment Station, and in 1891 he became an instructor in the department of chemistry at UGA. Within three years he was appointed an adjunct professor. He held that position until 1902 when he resigned to work for the U. S. Bureau of Forestry. Herty was the first athletic director of the University, and he wrote the constitution organizing the athletic association. He introduced football to UGA: he also served as the first football coach. The University athletic field near Old College was named Herty Field in his honor. In 1928 he was awarded an honorary LL.D. degree by UGA: he delivered the University commencement address for that year. He was in frequent contact with Dr. Alfred W. Scott, UGA chemistry department, in 1928 and 1929 about an endowment by Mrs. B. F. Bullard of Savannah. Herty persuaded Mrs. Bullard and UGA to use the endowment to finance a systematic study of the composition of resene by Dr. Scott in connection with Herty's work for the Pine Institute of America (PIA) on fundamental research in naval stores. A misunderstanding with the PIA hampered Scott's progress. In 1929, Herty led a Round Table Conference discussion on Southern economic conditions for the UGA Institute of Public Affairs and International Relations. He was a visiting lecturer at UGA in 1930. Also in 1930, Herty suggested to the University that he be offered a consultant position similar to the position he held at Alabama Polytechnic Institute, but lack of funds prevented this. He was elected to honorary life membership on the Board of the UGA Athletic Association in 1937. Box 7 contains the UGA papers. There are few references to Herty's athletic activities and to his work at the Georgia Experiment Station in the early papers. Correspondents include: Dr. Alfred Akerman, Dr. W. H. Boccock, Dr. C. J. Brockman, Richard P. Brooks, Walter B. Hill, Dr. Alfred W. Scott, Dr. Steadman V. Sanford, Dr. Charles Mercer Snelling, Dr. Andrew M. Soule, Dr. Charles Morton Strahan, and Dr. Tom Whitehead. Correspondence with Dr. William Davis Hooper, UGA professor and Herty's brother-in-law, is arranged separately. This folder includes family and University related correspondence.

The University of North Carolina at Chapel Hill (UNC) files relate to Herty's activities once he joined the faculty in 1905. He was Smith Professor of Chemistry and Chairman of the Chemistry Department, and he served as Dean of the School of Applied Science (1908-1932). One of his first duties in 1905 was to try to raise a fund of \$15,000 among naval stores people in North Carolina to help furnish a new chemistry laboratory at UNC. He did research on the double halides of platinum and potassium, on mercury and lead halides and thiocyanates, and on cobalt-ammonia chlorides. He tried to obtain isoprene from turpentine and did other research on various pine products. He also worked out a quick and easy method for the determination of cottonseed oil. Herty was active in University athletic programs as a member of the Faculty Committee on Athletics and as UNC representative on the Board of Managers of the South Atlantic Intercollegiate Athletic Association. He resigned from UNC in 1916 to become the editor of the *Journal of Industrial and Engineering Chemistry*. In 1917 and 1918 he arranged to sell to UNC his personal 800 volume collection of French, German and Italian chemical journals and other scientific publications, a move which greatly strengthened the library of the chemistry department. He was awarded an honorary LL.D. degree by UNC in 1934. Herty maintained close

friendships with many UNC associates, especially Dr. Francis Preston Venable and Dr. Edward Kidder Graham.

Herty was very involved with civic affairs at Chapel Hill. He was a member of the Board of Aldermen, and chaired the Board's Finance Committee (1910-1911). He was chairman of the Board of Trade Committee on Finance, Taxation and Legislation (1913); and he was on the Chapel Hill Graded School Board of Trustees. Correspondence about these activities is in the Life at Chapel Hill section. Also here are papers concerning Herty's involvement as part-owner and president of the Chapel Hill Telephone Company. Correspondence in 1907-1912 deals with daily operations of the company and with the expansion of telephone service in North Carolina.

The series also documents Herty's religious activities in the Episcopal Church. While a vestryman in the Chapel Hill parish, he became concerned about the lack of an adequate pension system for clergymen, and from 1911 to 1917 he worked hard for the General Clergy Relief Fund and the Church Pension Fund. In 1911, he was a member of the Diocesan Committee of the Five Million Dollar Clergy Pension Fund. In 1913 and 1914, he chaired the Layman's Committee on the Promotion of the General Clergy Relief Fund, and in 1915 he was appointed to the Committee on the Church Pension Fund. Most of the material concerns Herty's pension fund campaign in North Carolina. There are also papers about his parish activities in New York and Savannah.

Related materials in other series include: Series 13: Notebooks, Speeches, Writings, Clippings - Notebook: Notes re University of Georgia Athletic Program folder and Series 15: Photographs.

Johns Hopkins University

Box	Folder	Content
6	1	General Correspondence: 1891, 1899, 1907-1908, 1912-1913, 1915-1919, 1922-1923, 1926-1929, 1936
6	2	Alumni Association. Correspondence: 1905-1920, 1922, 1924-1927, 1929-1955, 1937-1938
6	3	Chemistry Alumni Committee. Correspondence: 1924-1926, 1934
6	4	New York Alumni Association. Correspondence: 1920-1921, 1924-1926, 1928, 1931
6	5	National Fellowship Plan. Correspondence: 1929-1930, 1932-1935, 1938
6	6	Dr. Ira Remsen and the <i>American Chemical Journal</i> . Correspondence: 1888, 1892-1894, 1896, 1899-1900, 1906-1908, 1910-1911
6	7	Miscellaneous Papers: 1915, 1924-1925, 1928, 1930, 1935, undated

University of Georgia

6	8	Correspondence: 1898-1909
6	9	Correspondence: 1910-1912, 1915-1917, 1919-1923, 1925-1926
6	10	Correspondence: 1927-1928
6	11	Correspondence: 1929-1931
6	12	Correspondence: 1932-1938

- 6 13 Prof. W. D. Hooper. Correspondence: 1899-1900, 1904-1912, 1914-1918,
1920-1921, 1923-1938, undated
- 7 1 Miscellaneous Papers: 1909, 1922, 1925, 1927-1929, 1936

University of North Carolina (Chapel Hill).

- 7 2 General Correspondence: 1906-1915
- 7 3 General Correspondence: 1916-1920, 1922-1923, 1925-1928, 1930-1955
- 7 4 Athletics. Correspondence: 1907-1910
- 7 5 Athletics. Correspondence: 1911-1917, 1919, 1921
- 7 6 Department of Chemistry. Correspondence: 1904
- 7 7 Department of Chemistry. Correspondence: January-July, 1905
- 7 8 Department of Chemistry. Correspondence: August-December, 1905 and undated
- 7 9 Department of Chemistry. Correspondence: January-March, 1906
- 7 10 Department of Chemistry. Correspondence: April-July, 1906
- 7 11 Department of Chemistry. Correspondence: August-December, 1906
- 8 1 Department of Chemistry. Correspondence: January-April, 1907
- 8 2 Department of Chemistry. Correspondence: May-December, 1907 and undated
- 8 3 Department of Chemistry. Correspondence: January-June, 1908
- 8 4 Department of Chemistry. Correspondence: July-December, 1908 and undated
- 8 5 Department of Chemistry. Correspondence: 1909
- 8 6 Department of Chemistry. Correspondence: January-April, 1910
- 8 7 Department of Chemistry. Correspondence: May-June, 1910
- 8 8 Department of Chemistry. Correspondence: July-December, 1910 and undated
- 8 9 Department of Chemistry. Correspondence: January-April, 1911
- 8 10 Department of Chemistry. Correspondence: May-December, 1911 and undated
- 9 1 Department of Chemistry. Correspondence: January-June, 1912
- 9 2 Department of Chemistry. Correspondence: July-December, 1912 and undated
- 9 3 Department of Chemistry. Correspondence: 1913
- 9 4 Department of Chemistry. Correspondence: January-April, 1914
- 9 5 Department of Chemistry. Correspondence: May-December 1914
- 9 6 Department of Chemistry. Correspondence: 1915
- 9 7 Department of Chemistry. Correspondence: January-June 1916
- 9 8 Department of Chemistry. Correspondence: July-December 1916 and undated
- 9 9 Department of Chemistry. Correspondence: 1917
- 9 10 Department of Chemistry. Correspondence: 1918-1920
- 9 11 Department of Chemistry. Correspondence: 1921-1926
- 9 12 Department of Chemistry. Correspondence: 1927-1931, 1933-1936, 1938
- 10 1 Students. Correspondence: 1905-1906
- 10 2 Students. Correspondence: January-June, 1907
- 10 3 Students. Correspondence: July-December, 1907 and undated

- 10 4 Students. Correspondence: January-June, 1908
- 10 5 Students. Correspondence: July-December, 1908
- 10 6 Students. Correspondence: February-August, 1909
- 10 7 Students. Correspondence: September-December, 1909 and undated
- 10 8 Students. Correspondence: January-May, 1910
- 10 9 Students. Correspondence: June-December, 1910 and undated
- 10 10 Students. Correspondence: 1911
- 11 1 Students. Correspondence: January-June, 1912
- 11 2 Students. Correspondence: July-December, 1912 and undated
- 11 3 Students. Correspondence: January-June, 1913
- 11 4 Students. Correspondence: July-December, 1913 and undated
- 11 5 Students. Correspondence: January-March, 1914
- 11 6 Students. Correspondence: April-December, 1914
- 11 7 Students. Correspondence: January-May, 1915
- 11 8 Students. Correspondence: June-December, 1915 and undated
- 12 1 Students. Correspondence: January-April, 1916
- 12 2 Students. Correspondence: May-August, 1916
- 12 3 Students. Correspondence: September-December, 1916 and undated
- 12 4 Students. Correspondence: 1917
- 12 5 Students. Correspondence: 1918
- 12 6 Students. Correspondence: 1919-1923
- 12 7 Students. Correspondence: 1926, 1932, 1935-1936, 1938
- 12 8 Miscellaneous Papers: 1913-1917, undated

Life at Chapel Hill

- 12 9 Chapel Hill Telephone Company. Correspondence: 1907-1908
- 12 10 Chapel Hill Telephone Company. Correspondence: 1909
- 13 1 Chapel Hill Telephone Company. Correspondence: 1910
- 13 2 Chapel Hill Telephone Company. Correspondence: 1911-1912
- 13 3 Chapel Hill Telephone Company. Correspondence: 1913
- 13 4 Chapel Hill Telephone Company. Miscellaneous Papers: 1908, 1910, undated
- 13 5 Chapel Hill Board of Aldermen. Correspondence: 1909-1913, 1916, 1919
- 13 6 Chapel Hill Board of Trade. Correspondence: 1913, 1916
- 13 7 Chapel Hill Graded School Board of Trustees. Correspondence: 1908-1910, 1912-1913, 1915-1917

Episcopal Church

- 13 8 Correspondence: 1907-1910
- 13 9 Correspondence: 1911-1912
- 13 10 Correspondence: January-November, 1913

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| 13 | 11 | Correspondence: December 1-8, 1913 |
| 13 | 12 | Correspondence: December 9-31, undated, 1913 |
| 13 | 13 | Correspondence: January-February, 1914 |
| 13 | 14 | Correspondence: March-April, 1914 |
| 13 | 15 | Correspondence: May, 1914 |
| 13 | 16 | Correspondence: June-December, 1914 |
| 14 | 1 | Correspondence: January-March, 1915 |
| 14 | 2 | Correspondence: April-December, undated, 1915 |
| 14 | 3 | Correspondence: January-March, 1910 |
| 14 | 4 | Correspondence: April-May, 1916 |
| 14 | 5 | Correspondence: June-December, undated, 1916 |
| 14 | 6 | Correspondence: 1917, 1919 |
| 14 | 7 | Correspondence: 1924-1930 |
| 14 | 8 | Miscellaneous Papers: 1910, 1912, 1914-1910" |
| 14 | 9 | General Clergy Relief Fund and Church Pension Fund. Miscellaneous Papers:
1910-1916, undated |
| 14 | 10 | General Clergy Relief Fund. Diocese Reports: 1913-1914 |
| 14 | 11 | Church Pension Fund. First Annual Report: 1918 |
| 14 | 12 | Saint John's Church in Savannah. Statement and Reports of the Parish Treasurer
for 1936 |

Series 3

American Chemical Society, 1893-1938

Boxes 15-37

Scope and Content Note

Herty became a member of the American Chemical Society (ACS) in 1893, and he was actively involved with the organization for the following thirty-five years. He served as president in 1915 and 1916. During this time, he stressed the importance of cooperation between universities and industries, the need for more fundamental chemical research, and the need for improved tariff protection for the American chemical industry. He was the first full-time editor of the *Journal of Industrial and Engineering Chemistry*, and he did much to expand its influence. His editorials repeated the themes of his presidency. He also energetically defended the establishment of the Chemical Warfare Service, and emphasized the importance of chemistry in every-day life. He was the first director of the ACS news service.

Herty chaired the following committees: Advisory Committee to the Bureau of Mines (1916-1920), Committee on an Institute for Chemo-Medical Research (1919-1931, from 1919-1920 this was the Committee on an Institute for Drug Research), Committee on Coordination of Chemical Work Within the War Department (1919), Committee to Cooperate with Chemical Warfare Service (1920-1922), and the Division of Physical and Inorganic Chemistry (1908-1909).

He served on other committees, including: Committee on Inorganic Nomenclature (1913-1915), Committee on Nomenclature, Spelling and Pronunciation (1917-1921), Committee on Exchanges (1917-1921), Advisory Committee to the President (1917-1921) [In 1921, the name was changed to Committee on National Policy], Committee on Prize Essays (1923-1931), and Committee on Women's Award in Chemistry (1936-1938)

Herty was active in local sections. He worked for the establishment of the Georgia Section (1900-1903); and he was president (1906) and councillor (1907-1908) of the North Carolina section. He became a member of the New York Section in 1917, and served as chairman (1918), member of the executive committee (1920-1921), chairman of the publicity committee (1921), and councillor (1924-1929).

ACS administrative correspondence, arrangements for meetings and local section requests for appearances by Herty are filed in General Correspondence section along with correspondence about the ACS Institute of Chemistry. The Committees section includes correspondence about individual divisions and committees and correspondence relating to the Georgia, New York, and North Carolina sections. The series also includes files dealing with ACS publications and with the development of the ACS News Service, *Journal of Industrial and Engineering Chemistry*.

Correspondence is arranged as follows: General Correspondence includes correspondence with the public and with contributors of articles. Correspondence with the journal prior and subsequent to Herty's term as editor is also included. Office Correspondence concerns the physical operation of the journal; correspondence with staff and ACS officers about the journal; correspondence with the ACS advertising committee. Journal Requests Correspondence includes requests for reprints, back issues, photographic cuts and subscriptions. The 1916 journal files of the previous editor, Dr. M. C. Whitaker, are included among these papers.

Related material can be found in the following series: Series 6: Industrial Progress and National Defense; Series 7: Medicine and Health; Series 10: Educational Work; Series 13: Notebooks, Speeches, Writings, Clippings, and Office Filing System; and Series 15: Photographs.

General Correspondence, 1906-1915

Box	Folder	Content
15	1	1906-1908
15	2	1909
15	3	1910
15	4	1911-1914
15	5	January-February 1915
15	6	March-April 1915
15	7	May-June 1915
15	8	July-September 1915
15	9	October 1915
16	1	November-December 1915 and undated
16	2	January-March 1916
16	3	April-June 1916
16	4	July-August 1916
16	5	September-October 1916
16	6	November 1916
16	7	December 1916 and undated
16	8	January-April 1917
17	1	May-August 1917
17	2	September-October 1917
17	3	November-December 1917 and undated
17	4	January-April 1918
17	5	May-June 1918
17	6	July-December 1918
17	7	January-April 1919
17	8	May-July 1919
17	9	August-December 1919 and undated
18	1	January-July 1920
18	2	August-December 1920 and undated
18	3	1921
18	4	1922-1925
18	5	1926-1927
18	6	1928-1929
18	7	1930-1933
18	8	1934-1938

Institute of Chemistry

- 19 1 Correspondence: 1925-1926
- 19 2 Correspondence: January-May 1927
- 19 3 Correspondence: June-December 1927
- 19 4 Correspondence: 1928
- 19 5 Miscellaneous Papers: 1928
- 19 6 Lectures at West Point and Annapolis. Correspondence and other papers:
1921-1921, 1923-1924

Committees

- 19 7 American Section of the Commission on Inorganic Nomenclature of the
International Association of Chemical Societies. Correspondence: 1912
- 19 8 Advisory Committee to the Bureau of Mines. Correspondence: 1916-1920
- 19 9 Advisory Committee to the President. Correspondence: 1917-1921
- 19 10 Committee Appointed to Study the Question of Increasing the Interest of Women
Chemists in the Activities of the American Chemical Society. Correspondence:
1926-1927, undated
- 19 11 Committee for the Revision of Chemical Statistics. Correspondence: 1915-1916
- 19 12 Committee on Classification of the Chemical Elements. Correspondence: 1909
- 19 13 Committee on Code of Professional Ethics. Correspondence: 1915-1917, 1920
- 19 14 Committee on Conservation of Natural Resources. Correspondence: 1908-1910
- 19 15 Committee on Cooperation Between Universities and Industries.
Correspondence: 1915-1917, 1919
- 19 16 Committee on Endowments. Correspondence: 1916, 1925
- 19 17 Committee on Exchanges. Correspondence: 1916-1917
- 20 1 Committee on Exchanges. Correspondence: 1918-1921
- 20 2 Committee on Inorganic Chemical Nomenclature. Correspondence: 1913, 1915,
1929, 1931, undated
- 20 3 Committee on Inventions by Government Employees. Correspondence: 1916
- 20 4 Committee on Joseph Priestly Memorial. Correspondence: 1916
- 20 5 Committee on Nomenclature, Spelling and Pronunciation. Correspondence:
1918-1921, 1928
- 20 6 Committee on Occupational Diseases. Correspondence: 1916
- 20 7 Committee on Paper. Correspondence: 1919, 1916, 1921
- 20 8 Committee on Reorganization of Business Methods of the Society.
Correspondence: 1910 and Report: 1914
- 20 9 Committee on Widely Separated Summer Meetings. Correspondence: 1908
- 20 10 Committee on Women's Award in Chemistry. Correspondence: 1936-1938
- 20 11 Committee to Investigate Charges Against Louis B. Allyn. Correspondence:
1915-1916

- 20 12 Committee to Prepare Resolutions On the Death of Professor Alfred Werner.
Correspondence: 1919-1920
- 20 13 Coordinating Committee of the General Meeting. Correspondence: 1921
- 20 14 Executive Committee for the Entertainment of Madame Curie. Correspondence:
1921
- 20 15 Women's Service Committee. Correspondence: 1927-1933
- 20 16 Georgia Section. Correspondence: 1900, 1903-1904, 1907, 1915-1917, 1927,
1936

Sections

- 20 17 New York Section. Correspondence: 1916-1918
- 21 1 New York Section. Correspondence: 1919-1921
- 21 2 New York Section. Correspondence: 1923-1929, 1931-1932, undated
- 21 3 North Carolina Section. Correspondence: 1906-1907
- 21 4 North Carolina Section. Correspondence: 1908-1913, 1916, 1932-1933
- 21 5 North Carolina Section. Announcements and Reports: 1904-1931, 1913-1915

Other Papers: Divisions

- 21 6 Division of Agricultural and Food Chemistry. Correspondence: 1933-1934
- 21 7 Division of Cellulose Chemistry. Correspondence: 1929-1930, 1932-1936
- 21 8 Division of Cellulose Chemistry. Abstracts of Papers: 1930, 1936
- 21 9 Division of Industrial and Engineering Chemistry. Correspondence: 1920,
1925-1926, 1933-1934
- 21 10 Division of Industrial Chemists and Chemical Engineers. General
Correspondence and Papers: 1908-1910, 1912, 1915-1917-1919
- 21 11 Division of Industrial Chemists and Engineers. SubCommittee on Turpentine.
Correspondence: 1910-1911, 1915
- 21 12 Division of Inorganic Chemistry. Correspondence: 1907-1908
- 21 13 Division of Medicinal Chemistry. Correspondence: 1928, 1930
- 21 14 Division of Medicinal Chemistry. Miscellaneous Papers: 1928-1930
- 21 15 Division of Medicinal Products. Correspondence: 1924-1925
- 21 16 Division of Organic Chemistry. Correspondence: 1908-1909, 1916-1918,
1920-1925, 1927-1928
- 21 17 Division of Organic Chemistry. . Correspondence: 1926-1929
- 21 18 Division of Organic Chemistry. Abstracts of Papers: 1930
- 21 19 Division of Physical Chemistry. Correspondence: 1908
- 21 20 Division of Physical and Inorganic Chemistry. Correspondence: 1908-1912,
1924
- 22 1 Division of Physical and Inorganic Chemistry. Correspondence: 1916, 1922,
1924-1926, 1930
- 22 2 Division of Physical and Inorganic Chemistry. Program: 1930

22 3 Dye Section and Division. Correspondence: 1917-1919, 1921-1928, 1930

American Chemical Society. Miscellaneous Papers

22 4 1893, 1907-1909

22 5 1910-1915

22 6 1916-1917

22 7 1918-1920

22 8 1921

22 10 1925-1927

23 1 1928-1934

23 2 undated

Journal of Industrial and Engineering Chemistry. General Correspondence, 1908-1938

23 3 1908-1910, 1912-1913, 1915

23 4 January-June, 1916

23 5 July-December, 1916

23 6 January-February, 1917

23 7 March, 1917

24 1 April, 1917

24 2 May 1-15, 1917

24 3 May 16-31, 1917

24 4 June 1-8, 1917

24 5 June 9-30, 1917

24 6 July, 1917

24 7 August, 1917

24 8 September, 1917

24 9 October, 1917

25 1 November, 1917

25 2 December, 1917

25 3 January, 1918

25 4 February 1-14, 1918

25 5 February 15-28, 1918

25 6 March, 1918

26 7 April, 1918

26 8 May, 1918

26 9 June, 1918

26 1 July 1-15, 1918

26 2 July 16-31, 1918

26 3 August, 1918

26 4 September, 1918

26	5	October 1-21, 1918
26	6	October 22-31, 1918
26	7	November, 1918
26	8	December, 1918 and undated
26	9	January, 1919
26	10	February, 1919
27	1	March, 1919
27	2	April, 1919
27	3	May, 1919
27	4	June, 1919
27	5	July, 1919
27	6	August, 1919
27	7	September, 1919
27	8	October, 1919
27	9	November, 1919
27	10	December, 1919
28	1	January, 1920
28	2	February, 1920
28	3	March, 1920
28	4	April, 1920
28	5	May-June, 1920
28	6	July-August, 1920
28	7	September-October, 1920
28	8	November, 1920
28	9	December, undated, 1920
28	10	January 3-12, 1921
29	1	January 13-18, 1921
29	2	January 19-31, 1SP-1
29	3	February 1-7, 1921
29	4	February 8-16, 1921
29	5	February 17-28, 1921
29	6	March 1-17, 1921
29	7	April, 1921
29	8	May 1-16, 1921
29	9	May 17-31, 1921
29	10	June 1-13, 1921
29	11	June 14-17, 1921
30	1	June 18-30, 1921
30	2	July 1-15, 1921

30	3	July 16-30, 1921
30	4	August 1-19, 1921
30	5	August 20-31, 1921
30	6	September 1-16, 1921
30	7	September 17-30, 1921
30	8	October 1-12, 1921
30	9	October 13-31, 1921
30	10	November-December, 1921
30	11	1922, 1925-1938

Journal of Industrial and Engineering Chemistry. Office Correspondence, 1916-1921

30	12	January-March, 1916
31	1	April-June, 1916
31	2	July-September, 1916
31	3	October, 1916
31	4	November, 1916
31	5	December, undated, 1916
31	6	January-February, 1917
31	7	March-April, 1917
31	8	May-June, 1917
31	9	July, 1917
31	10	August, 1917
31	11	September-October, 1917
31	12	November, 1917
31	13	December, undated, 1917
32	1	January-March, 1918
32	2	April-August, 1918
32	3	September-December, 1918
32	4	January-March, 1919
32	5	April-August, 1919
32	6	September, 1919
32	7	October-November, 1919
32	8	December, undated, 1919
33	1	January-February, 1920
33	2	March-April, 1920
33	3	May-June, 1920
33	4	July-August, 1920
33	5	September, 1920
33	6	October-November, 1920
33	7	December, undated, 1920

33 8 January-February, 1921
33 9 March, 1921
33 10 April-May, 1921
33 11 June-July, 1921
33 12 August, 1921
33 13 September, 1921
33 14 October-December, undated, 1921

Journal of Industrial and Engineering Chemistry. Financial Correspondence, 1916-1921

34 1 1916
34 2 January-July, 1917
34 3 August-December, undated, 1917
34 4 January-June, 1918
34 5 July-December, undated, 1918
34 6 January-May, 1919
34 7 June-September, 1919
34 8 October-December, undated, 1919
34 9 1920
34 10 1921

Journal of Industrial and Engineering Chemistry. Journal Requests Correspondence, 1916-1918

34 11 February-May, 1916
34 12 June-December, 1916
34 13 January-April, 1917
34 14 May-June, 1917
35 1 July-August, 1917
35 2 September, 1917
35 3 October, 1917
35 4 November-December, 1917
35 5 January-March, 1918
35 6 April-June, 1918
35 7 July-December, 1918
35 8 January-June, 1919
35 9 July-December, 1919
35 10 1920
35 11 January-February, 1921
35 12 March-May, 1921
36 1 June-July, 1921
36 2 August-September, 1921

- 36 3 October, 1921
36 4 November undated, 1921

Press and Publicity Committee

- 36 5 Correspondence: 1916
36 6 Correspondence: January-June, 1917
36 7 Correspondence: July-December, 1917 and undated
36 8 Correspondence: 1918

ACS News Service

- 36 9 Correspondence: January, 1919
36 10 Correspondence: February-March, 1919
36 11 Correspondence: April-July, 1919
37 1 Correspondence: August-December 1919 and undated
37 2 Correspondence: 1920
37 3 Correspondence: 1921
37 4 Correspondence: 1923-1930, 1933-1934, 1937
37 5 Press Releases: 1919-1923, undated

ACS Publications

- 37 6 *Chemical Round Table*: 1920-1922
37 7 *Chemical Abstracts*. Correspondence: 1908-1910, 1913, 1915-1917
37 8 *Chemical Abstracts*. Correspondence: 1918-1921, 1925-1928
37 9 *Journal of the American Chemical Society*. Correspondence: 1908-1915, 1918, 1927-1928, 1937
37 10 *Popular Chemistry Magazine*. Correspondence: 1915-1917, 1920 Includes correspondence about creating an ACS magazine of interest to the lay public.

Series 4

Naval stores, forestry, paper and pulp, 1860-1938

Boxes 38-55 and 145-146

Scope and Content Note

Although Herty began his career as a theoretical chemist, his major scientific achievements involved the practical application of chemistry to forest products. In 1901, Herty devised a cup and gutter system for collecting turpentine, based on the French Hugues cup and gutter system but adapted to the labor and transportation conditions of the American South. The Herty system replaced the boxing system which was at that time the traditional way to gather oleoresin (turpentine and rosin) from pine trees in the United States. The boxing system, in which a "box" or trough was cut in a pine tree to serve as a receptacle for the oleoresin was inefficient and left the trees in a weakened and collapsed condition. The rosin-filled boxes were also a fire hazard. In the summer of 1901, Herty introduced his system on an experimental scale in Statesboro, Georgia. McDougald and Company of Statesboro furnished a tract of pine timber, and various railroads in the turpentine belt provided free transportation in connection with the work. A more extended series of investigations were conducted in Ocilla, Georgia. The cup and gutter system quickly became the standard method of turpentine of the American naval stores industry.

Herty had notified U. S. Forester Gilbert Pinchot of his intended experiment, and Pinchot appointed him a collaborator with the U. S. Bureau of Forestry (1901) in order to assist the work at Statesboro. The experiment consisted of a study of the comparative yields (quantity and quality) of boxes and cups. The results were encouraging and Herty was commissioned as a Bureau officer (1902-1904) to carry out further investigations of the cup and gutter system. Herty received a patent for his turpentine process in 1903 and spent much time promoting his cup and gutter system. The Bureau volunteered his services and those of other staff members to introduce the cup and gutter system to individual turpentine operators.

Herty became more involved in the production of his patented turpentine cup in 1902 because the demand for the clay cups was much greater than the supply. In October, 1902, Herty, Charles L. Krager, manager of the Chattanooga Pottery Company (Daisy, Tennessee), and John Powell, a naval stores factor in Ocilla, and other naval stores factors organized a stock company to manufacture the cups. They bought out the Chattanooga Pottery Company which had manufactured some of the first Herty cups. Powell became president and Krager remained manager. The Bureau of Forestry objected to any official connection between Herty and the company, and in 1904 Herty resigned his commission to work for the company (1904-1905). In 1910 the Chattanooga Pottery Company was reorganized as the Herty Turpentine Cup Company.

Herty maintained an interest in the naval stores industry after he became a professor at the University of North Carolina (1905-1916). During this time he conducted research on oleoresins in cooperation with the U. S. Forest Service, and he studied industrial and scientific applications of pine products.

The Naval Stores General Correspondence section contains correspondence from 1900-1905 concerning the development of the cup and gutter system, obtaining low railroad freight rates for cups and gutters, and correspondence about the state of the naval stores industry. Correspondents include the following naval stores factors and operators: J. B. Chesnutt of Chesnutt & O'Neill

(Savannah); Ellis Young Company (Savannah); D. C. and J. A. McDougald of J. A. McDougald & Company (Statesboro); John Morrison of Williams & Morrison (Moultrie); John H. Powell of Powell, Bullard and Company (Ocilla); W. C. Powell, president of Southern Naval Stores Company (Savannah); J. P. Williams of J. P. William Company (Savannah); R. M. Williams of R. M. Williams Manufacturers (Statesboro); W. F. Coachman of Consolidated Naval Stores Company (Jacksonville, Fla.); and Pitt Brothers Company (Jacksonville).

There is also correspondence with railroads: J. W. Mallory, agent and John M. Egan, president, Central of Georgia Railway Company; Southern Railway Company; Plant System of Railways; and Tifton, Thomasville and Gulf Railways. Herty corresponded about his turpentine system with members of the press including: J. A. Hollomon of the *Industrial Record*; Thomas Gamble, Jr., editor of *Weekly Naval Stores Review*; B. F. Ulmer, managing editor, *Dixie*; and with the *Cotton Trade Journal*.

In 1900 Herty began an infrequent but lifelong correspondence with James Watt of James Watt & Sons, a London naval stores dealer. They wrote to each other about conditions in the American and European naval stores industries. Another lifelong correspondence began in 1901 with Roland M. Harper, a botanist who shared Herty's enthusiasm for the southern pine.

The naval stores correspondence for 1906-1916 deals mainly with Herty's research at the University of North Carolina into the scientific composition of various pine products and their use in industry. Some of his research was funded by the U. S. Forest Service. After 1916 there is relatively little correspondence directly related to the naval stores industry; most of it is of a personal nature between Herty and old friends in the industry.

The U.S. Bureau of Forestry section contains correspondence between Herty and operators who wanted to try out the new cup and gutter system. Operators include: E. L. Vickers (Oldfield, Georgia); Union Naval Stores Company (Mobile, Alabama); C. A. Sessoms (Bonifay, Florida); A. D. Covington (Bristol, Florida); J. P. Saunders of Consolidated Naval Stores (Savannah); H. H. Elarbee (Raiford, Florida); Bay Naval Stores Company (Bay St. Louis, Mississippi); J. E. North Lumber Company (Bond, Mississippi); Jackson Lumber Company (Lockhart, Alabama); R. B. Russell (Houston, Texas) and W. C. Jackson of W. C. Jackson & Company (Green Cove Springs, Florida). This section also contains correspondence with manufacturers of turpentine tools, metal companies, and potteries about equipment for Herty's turpentine system, as well as correspondence relating to Herty's turpentine patent.

The section relating to the Chattanooga Pottery Company (1902-1909) which later became the Herty Turpentine Cup Company (1910-1936) includes correspondence about turpentine equipment and Herty's patent after 1902. The Naval Stores Patents section contains patents of processes and apparatus for the destructive distillation of wood and the recovery and purification of wood distillation products such as rosin and turpentine (1860-1933); patents of turpentine collecting processes and apparatus (1868-1938); and other patents concerning pine oil and rosin products (1888-1935).

The U.S. Bureau of Forestry section contains files about Herty's work for the Bureau as a collaborator (1901) and a Bureau Officer (1902-1904). There is correspondence with Gifford Pinchot, chief of the Bureau of Forestry and with Bureau officers George B. Sudworth, Overton Price, and less frequently Otto J. J. Luebker and F. E. Olmstead. Frank Klarpp, who had worked for Herty during the Statesboro experiment, was hired by the Bureau (1909-1907)

at his request to help with the work at Ocilla and later at Green Cove Springs, Florida. Correspondence with Klarpp between 1902 and 1907 is filed in U. S. Bureau of Forestry correspondence. Correspondence prior and subsequent to these dates is filed in naval stores general correspondence. There is no correspondence with the Bureau of Forestry for 1905.

The U.S. Forest Service section includes correspondence with the Service for the years 1906-1937. Although Herty resigned from the U. S. Bureau of Forestry in 1904, systematic investigations of his cup and gutter system were continued at Green Cove Springs, Florida, through the first months of 1909. Herty kept up with the developments, offered advice, and compiled the results of the experiment for publication (U. S. Forest Service Bulletin No. 90, 1911). He also obtained funds from the Forest Service for experimental work on oleoresins at the University of North Carolina (1906-1916). Most of the correspondence for these years is with George B. Sudworth.

Between 1916 and 1922, Herty kept in touch with Forest Service officers (Sudworth, S. F. Acree, Howard F. Weiss, Carlile P. Winslow and A. W. Schorger) about the activities of the Forest Service and particularly the Forest Products Laboratory. In 1916 he began to correspond regularly with microscopist Eloise Gerry about her work on resin formation and flow. In 1920 he was on the General Committee on the Decennial Celebration of the Forest Products Laboratory. There is no 1923 correspondence with the Forest Service.

Correspondence for the years 1926-1929 deals with Herty's efforts to secure the passage of legislation to enlarge the research activities of the Forest Service. He corresponded with Senator Duncan U. Fletcher (Florida), Senator Joseph Ransdell (Louisiana), and other legislators about various bills introduced by Senator Fletcher and Representative McSweeney to aid forest products research.

In 1929 there is some correspondence with E. L. Demmon, director of the Southern Forest Experiment Station about the progress of the Forest Service in making paper from southern woods. Correspondence with Forest Service officers in 1930 and 1931 concerns Eloise Gerry's work and Herty's promotion of southern pine as a source of newsprint. There is no correspondence for 1932 and only a little for the years 1933, 1934, and 1937. It also is chiefly concerned with Herby's work on southern pine for paper pulp.

The series also includes papers about the Georgia Forest Service, the Florida Forest Service and other state services. These papers are mainly concerned with Herty's efforts to promote forestry conservation and education through speeches and articles.

Herty is best remembered in the South for his efforts to establish a Southern newsprint paper industry. He did not become actively involved until 1927 when he visited the pine forest of Alex Sessoms in Cogdell, Georgia. He was struck by the denseness of the timber stands and speculated on the use of the thinnings for newsprint paper pulp. After an analysis of southern pine indicated & law resin content, Herty began a publicity campaign promoting the use of young southern pines for paper pulp. The campaign generated a great amount of interest, and led to the establishment in 1932 of the Savannah Pulp and Paper Laboratory which was funded by grants from the Chemical Foundation, the State of Georgia, and the city of Savannah. Herty was appointed director, and the work was carried out as part of the Pulp and Paper Division of the Georgia State Department of Forestry and Geological Development. Most of the experiments dealt with sulphite pulps. On November 20, 1933, nine Georgia newspapers printed their editions

on newsprint made from pulp from the Savannah Laboratory; interest in a Southern newsprint industry increased.

During this time Herty was often erroneously credited with the invention of the actual process of manufacturing paper from pine. Although Herty only claimed to have demonstrated the feasibility of making newsprint paper from southern pine, the extensive and often misleading publicity given to his work created resentment among other people in the paper industry. In 1938, Southland Paper Mills near Lufkin, Texas, was organized, the first Southern newsprint paper mill. The mill site was named in honor of Herty.

Although Herty's major interest between 1928 and 1938 was the development of a Southern paper and pulp industry, he also was interested in other uses of cellulose. A byproduct of his work at the Savannah Pulp and Paper Laboratory was his finding that sulphite pine pulp is high in alpha cellulose from which is made rayon.

For the years 1927-1929 there is correspondence about forestry conservation and cellulose. Herty was promoting fundamental research in cellulose and its industrial potential for the South. Correspondents include Allen Abrams of Marathon Paper Mills, Dr. Harold Hibbert of McGill University, Dr. A. B. Recknagel of Cornell University, and Dr. R. S. Kellogg of the Newsprint Service Bureau.

In 1929, Herty corresponded with Dr. Gustavus J. Esselen, Jr. of Skinner, Sherman and Esselen, Inc. concerning his running tests on slash pine pulp. In 1930 and 1931 Herty made the same request of the International Paper Company, the Oxford Paper Company, the Castanea Paper Company, Knight and Clarke Analytical and Consulting Chemists and Caro-Una Fibre Company. Much of the correspondence for these years deals with the results of the tests. The rest of the correspondence concerns the generally enthusiastic public response to Herty's promotion of the industrial possibilities of cellulose and especially of southern pine for newsprint paper.

The section pertaining to the Savannah Pulp and Paper Laboratory, which became the Herty Foundation Laboratory in 1938, contain relatively little correspondence concerning the laboratory. Most of the correspondence deals with its establishment in 1932 and with Herty's public relations work as director. In 1931 and 1932, Herty was on the Advisory Committee of the U. S. Timber Conservation Board. These files contain mostly correspondence, memoranda, and reports from 1931-1932.

The Pine Institute of America, Inc. section contains correspondence from 1925-1933. The Institute was an organization set up by naval stores people to promote fundamental research in naval stores matters. .

The remainder of the files contain papers about individual naval stores, forestry, and paper and pulp-related associations, organizations, conferences and celebrations; miscellaneous papers about forestry and forest products (excluding naval stores); samples of wood pulp and other papers; and a turpentine pot created by Herty for his cup and gutter system.

Related materials can be found in the following series: Series 2: Academic Career; Series 3: American Chemical Society; Series 5: Agriculture and Natural Resources; Series 9: Industrial Consultant Work; Series 12: Personal Papers, Mementoes and Memorabilia; Series 13: Notebooks; and Series 15: Photographs.

Naval Stores General Correspondence, 1900-1938

Box	Folder	Content
38	1	1900
38	2	1901
38	3	1902
38	4	1903
38	5	1904
38	6	1905
38	7	1906
38	8	January-April, 1907
38	9	May-August, 1907
38	10	September-December, 1907 and undated
38	11	1908
38	12	1909
38	13	1910
38	14	1911
39	1	January-May, 1912
39	2	June-December, 1912
39	3	1913-1914
39	4	1915
39	5	1916-1917
39	6	1918-1919
39	7	1920-1925
39	8	1926-1927
39	9	1928-1929
39	10	1930-1931
39	11	1932-1933; 1935-1938; undated

Turpentine Operators

39	12	Correspondence: 1902
39	13	Correspondence: January-February, 1903
40	1	Correspondence: March-April, 1903
40	2	Correspondence: May-October, 1903
40	3	Correspondence: November-December, 1903
40	4	Correspondence: 1904-1905

Cup and Gutter System

40	5	Equipment. Correspondence: 1901
40	6	Equipment. Correspondence: January-July, 1902

- 40 7 Equipment. Correspondence: August-October, 1902
 40 8 Equipment. Correspondence: November-December, 1902

Chattanooga Pottery Company

- 40 9 Correspondence, 1902
 40 10 Correspondence, January-February, 1903
 40 11 Correspondence, March-September, 1903
 40 12 Correspondence, October-December, 1903 and undated
 40 13 Correspondence, January-May, 1904
 40 14 Correspondence, June, 1904
 40 15 Correspondence, July, 1904
 41 1 Correspondence, August, 1904
 41 2 Correspondence, September-October, 1904
 41 3 Correspondence, November-December, 1904 and undated
 41 4 Correspondence, January-February, 1905
 41 5 Correspondence, March-April, 1905
 41 6 Correspondence, May-June, 1905
 41 7 Correspondence, July-August, 1905
 41 8 Correspondence, September-December, 1905 and undated
 41 9 Correspondence, January-May, 1906
 41 10 Correspondence, June-December, 1906
 41 11 Correspondence, January-May, 1907
 41 12 Correspondence, June-September, 1907
 41 13 Correspondence, October-December, 1907 and undated
 42 1 Correspondence, January-July, 1908
 42 2 Correspondence, August-December, 1908 and undated
 42 3 Correspondence, January-August, 1909
 42 4 Correspondence, September-December, 1909
 42 5 Correspondence, 1903; 1904; 1906-1909
 42 6 Legal papers: 1902; 1904; 1906
 42 7 Miscellaneous papers: 1905; 1909; undated

Herty Turpentine Cup Company

- 42 8 Correspondence: 1910
 42 9 Correspondence: 1911
 42 10 Correspondence: January-August, 1912
 42 11 Correspondence: September-December, 1912
 42 12 Correspondence: 1913-1914
 42 13 Correspondence: 1915-1918
 42 14 Correspondence: 1919-1921

- 42 15 Correspondence: 1922-1926
- 42 16 Correspondence: 1927-1938
- 43 1 Financial Papers: 1910-1913; 1915; 1917-1919
- 43 2 Financial Papers: 1920-1923
- 43 3 Financial Papers: 1924-1926
- 43 4 Financial Papers: 1935-1936
- 43 5 Legal Papers: 1924
- 43 6 Suit vs. Baker Cup and Gutter Company, Miscellaneous Papers: 1911-1913
- 43 7 Miscellaneous Papers: 1934; undated

Naval Stores. Patents

- 43 8 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1860; 1864-1865; 1867; 1869; 1871; 1873; 1876; 1882-1883; 1888; 1892-1895; 1899-1903; 1906
- 43 9 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1909-1913
- 43 10 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1914
- 43 11 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1915-1919
- 43 12 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1920-1925
- 44 1 Processes and Apparatus for the Destructive Distillation of Wood and for the Recovery and Purification of Wood Distillation Products Such as Rosin and Turpentine. Patents: 1926-1928; 1933
- 44 2 Processes and Apparatus for the Manufacture of Soap, Lacquer and Other Products From Pine Oil and Rosin. Patents: 1888; 1899; 1910-1912; 1914-1915; 1928; 1935
- 44 3 Processes of Hydrogenating Carbon Compounds. Patents: 1916; 1918; 1920-1921; 1926
- 44 4 Turpentine Boxes, Cups, Gutters, and Other Turpentine Collecting Apparatus. Patents: 1868-1871; 1875-1876; 1881; 1893-1894; 1896; 1898; 1902-1908
- 44 5 Turpentine Boxes, Cups, Gutters, and Other Turpentine Collecting Apparatus. Patents: 1909-1919; 1921; 1928; 1930-1936
- 44 6 Turpentine Hacks, Scrapers, and Other Cutting Tools. Patents: 1872-1874; 1878; 1883; 1885; 1893; 1896-1897; 1907-1917; 1925; 1929; 1931-1933; 1938

Synthetic Camphor

- 44 7 Correspondence: 1902; 1915-1919; 1921; 1926; 1929-1931; 1934
 44 8 Miscellaneous Papers: 1915; 1918; 1930; 1935; undated

Naval Stores Miscellaneous Papers

- 44 9 Miscellaneous Papers: 1878; 1895; 1900-1904; 1907-1916
 44 10 Miscellaneous Papers: 1918; 1920-1921; 1923; 1927-1930; 1934; undated
 44 11 Naval Stores and wood distillation products. U. S. government publications:
 1893; 1903; 1906-1909; 1911-1913
 45 1 Naval Stores and wood distillation products. U. S. government publications:
 1915; 1917; 1919-1924; 1927; 1929-1930 1932
 45 2 *Gamble's Naval Stores Year Book*: 1926-1930
 45 3 *Gamble's Naval Stores Year Book*: 1930-1933

U. S. Bureau of Forestry

- 45 4 Correspondence: 1901
 45 5 Correspondence: January, 1902
 45 6 Correspondence: February-May, 1902
 45 7 Correspondence: June-August, 1902
 45 8 Correspondence: September-December, 1902 and undated
 46 1 Correspondence: January, 1903
 46 2 Correspondence: February, 1903
 46 3 Correspondence: March, 1903
 46 4 Correspondence: April, 1903
 46 5 Correspondence: May-June, 1903
 46 6 Correspondence: July-September, 1903
 46 7 Correspondence: October, 1903
 46 8 Correspondence: November, 1903
 46 9 Correspondence: December, 1903
 46 10 Correspondence: January, 1904
 46 11 Correspondence: February, 1904
 47 1 Correspondence: March, 1904
 47 2 Correspondence: April-May, 1904
 47 3 Correspondence: June-December, 1904 and undated
 47 4 Correspondence: January-May, 1905
 47 5 Correspondence: June-December, 1905 and undated
 47 6 Logbooks: 1903
 47 7 Travel and Field Expenses: 1901; 1903-1904
 47 8 Correspondence: January-May, 1906
 47 9 Correspondence: June-August, 1906

- 47 10 Correspondence: September-December, 1906 and undated
- 48 1 Correspondence: January-May, 1907
- 48 2 Correspondence: June-December, 1907
- 48 3 Correspondence: January-July, 1908
- 48 4 Correspondence: August-December 1908
- 48 5 Correspondence: 1909
- 48 6 Correspondence: January-April, 1910
- 48 7 Correspondence: May-December, 1910
- 48 8 Correspondence: 1911
- 48 9 Correspondence: 1912
- 48 10 Correspondence: 1913-1914
- 48 11 Correspondence: 1915
- 48 12 Correspondence: 1916-1917
- 49 1 Correspondence: 1918-1922
- 49 2 National Conference on Utilization of Forest Products. Correspondence:
1924-1925
- 49 3 National Conference on Utilization of Forest Products. Miscellaneous Papers:
1924-1925
- 49 4 Correspondence: 1926
- 49 5 Correspondence: 1927
- 49 6 Correspondence: 1928
- 49 7 Correspondence: 1929

U. S. Forest Service

- 49 8 Correspondence: January-April, 1930
- 49 9 Correspondence: May-December, 1930
- 49 10 Correspondence: 1931
- 49 11 Correspondence: 1933-1934; 1937
- 49 12 Report of the Forester: 1924-1928; 1930
- 50 1 Annual Report and Program of the Southern Forest Experiment Station:
1928-1929

Georgia Forest Service

- 50 2 Correspondence: 1928; 1930-1931
- 50 3 Bulletins, Leaflets, Reports: 1926-1929
- 50 4 Bulletins, Leaflets, Reports: 1930-1931

Florida Forest Service

- 50 5 Correspondence: 1929-1931
- 50 6 Florida Forests and Forestry. Miscellaneous Papers: 1916; 1926; 1930-1931

Other State Forest Services

50 7 Correspondence: 1929-1931

Forestry and Paper and Pulp Production, Correspondence

50 8 1913; 1915-1916; 1923
 50 9 1927-1928
 50 10 January-May, 1929
 50 11 June-December, 1929
 50 12 January-April, 1930
 50 13 May-October, 1930
 51 1 November-December, undated, 1930
 51 2 January-February, 1931
 51 3 March-April, 1931
 51 4 May-July, 1931
 51 5 August-September, 1931
 51 6 October-December, 1931

Savannah Pulp and Paper Laboratory

51 7 Proposed Savannah Pulp and Paper Laboratory. Correspondence: 1931
 51 8 Correspondence: 1932
 51 9 Correspondence: 1933-1934
 51 10 Correspondence: 1935-1936
 51 11 Correspondence: 1937-1938
 51 12 Miscellaneous Papers: 1931; 1935-1936
 51 13 Miscellaneous Papers: undated

U. S. Timber Conservation Board

52 1 Correspondence: January-July, 1931
 52 2 Correspondence: August-December, 1931
 52 3 Correspondence: 1931
 52 4 Memoranda, Reports, and Statements: 1931
 52 5 Memoranda, Minutes, and Miscellaneous Papers: 1932 and undated
 52 6 Progress Reports of the Taxation Inquiry: 1929; 1931

Pine Institute of America, Inc., Correspondence

52 7 1925-1926
 52 8 1927
 52 9 1928
 53 1 1929
 53 2 1930-1933

Industrial Fellowship

- 53 3 Progress Report: 1926
- 53 4 Progress Reports: January-May, 1927
- 53 5 Progress Reports: June-December, 1927
- 53 6 Progress Reports: 1928-1929
- 53 7 Special Reports: 1927
- 53 8 Annual Report: 1928
- 53 9 Miscellaneous Papers: 1926-1929

Organizations, Conferences and Celebrations

- 53 10 American Forestry Association. Correspondence: 1905; 1915-1916; 1920-1924; 1926-1931; 1935-1937
- 53 11 American Paper and Pulp Association. Correspondence: 1918; 1928-1932 1937
- 53 12 American Pulp and Paper Mill Superintendents Association. Correspondence: 1929
- 53 13 Canadian Pulp and Paper Association. Correspondence: 1929; 1931-1932
- 53 14 Florida Commercial Forestry Conference. Correspondence: 1931-1932
- 53 15 Florida Industries Day. Correspondence: 1937-1938
- 53 16 Florida Industries Day. Symposium on the Southern Paper Industry: 1938
- 53 17 Georgia Commercial Forestry Conference. Correspondence: 1930
- 53 18 Georgia Commercial Forestry Congress. Proceedings: 1930
- 53 19 Georgia Forest Association. Correspondence: 1907-1908
- 53 20 Georgia Forestry Association. Correspondence: 1930-1936
- 54 1 Institute of Paper Chemistry. Correspondence: 1931
- 54 2 Meeting of Southern Foresters. Correspondence and Program: 1918-1919
- 54 3 National Association of State Foresters. Annual Meeting Program: 1931
- 54 4 National Conservation Association. Correspondence: 1910
- 54 5 National Conservation Commission. Bulletins: 1908
- 54 6 National Conservation Congress. Correspondence: 1910-1912; 1916
- 54 7 National Wood Chemical Association. Papers: 1917
- 54 8 North Carolina Forestry Association. Correspondence: 1912-1913; 1925
- 54 9 Society of American Foresters. Correspondence: 1905; 1911-1916; 1931-1935; 1937
- 54 10 South Carolina Commercial Forestry Conference. Correspondence: 1930-1931
- 54 11 Southern Forestry Congress. Correspondence: 1916-1917
- 54 12 Southern Newspaper Publishers' Association. Correspondence: 1930-1931
- 54 13 Southern Newspaper Publishers' Association. Miscellaneous Papers: 1931
- 54 14 Technical Association of the Pulp and Paper Industry. Correspondence: 1918-1919; 1931-1933; 1937

- 54 15 Turpentine and Rosin Producers Association. Correspondence: 1918; 1926-1927
 54 16 Turpentine Operators' Association. Correspondence: 1901-1903; 1909
 54 17 Emily Woodward and the Vienna News. Correspondence: 1929-1938, undated

Forestry and Forest Products. Miscellaneous Papers

- 54 18 Cellulose. U. S. Government Publications: 1927-1928; 1930
 54 19 Farm Forestry. U. S. Department of Agriculture Publications: 1926-1932
 54 20 Forestry and Forest Products. Miscellaneous Papers: 1920; 1925; 1928-1931
 54 21 *Forestry-Geological Review*: 1932-1934
 54 22 *Georgia Forest Lookout*: 1931
 54 23 Pine Trees and Forests. U. S. Department of Agriculture Publications: 1916; 1925-1926; 1928-1931
 55 1 *Pine Cones Extension Forestry News*: 1930-1931, undated
 55 2 Pulp and Paper. Miscellaneous Papers: 1913; 1924-1925; 1928-1929
 55 3 Pulp and Paper. Miscellaneous Papers: 1930-1935, undated
 55 4 Wood Preservation. U. S. Forest Service Publications: 1907; 1911-1913

Wood Pulp Paper Samples

- 55 5 Wood pulp paper of British make, as used in Georgia, 1794, 1 sample; wood pulp paper made in Georgia, 1861-1865, 1 sample
 55 6 Wood pulp papers made in Georgia, 1863-1864, 4 samples
 55 7 Pine pulp paper from wood near Gainesville, Fla., circa 1916, 1 sample
 55 8 Yellow pine [?] pulp paper bleached with city water of Valdosta, Va., 1929, 1 sample
 55 9 Wood pulp papers, 1929, 3 samples
 55 10 Bagasse pulp paper, 1929, 1 sample
 55 11 Spruce pulp paper made by Castanea Paper Company, 1930, 4 samples
 55 12 Longleaf pine pulp paper made by Castanea Paper Company, 1930, 4 samples
 55 13 Kraft paper made in Panama City, Fla., April 18, 1931, 1 sample
 55 14 Jack pine pulp papers made through ammonium bisulphite process and calcium bisulphite process by Marathon Paper Mills Company, 1931, 2 samples
 55 15 Newsprint paper made from loblolly pine pulp at Savannah Pulp and Paper Laboratory, 1932, 1 sample
 55 16 Unbleached kraft paper from loblolly pine pulp (Savannah Pulp and Paper Laboratory (?), circa 1932-1938), 1 sample
 55 17 Black gum sulphite pulp papers [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 4 samples
 55 18 Wrapping paper from chlorine bleached pine sulphate pulp [Savannah Pulp and Paper Laboratory, circa 1932-1938], 1 sample

- 55 19 Writing paper from 80 percent bleached longleaf pine sulphate pulp and 20 percent aspen soda pulp [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 1 sample
- 55 20 Bond paper from 85 percent longleaf pine sulphate and 15 percent soda pulp [Savannah Pulp and Paper Laboratory (?), 1932-1938], 1 sample
- 55 21 Bond paper from 68 percent bleached longleaf pine sulphate, 23 percent bleached black gum sulphite and 9 percent bleached soda pulp [Savannah Pulp and Paper Laboratory (?), circa 1932-1932], 1 sample
- 55 22 Book or bond paper from 37 1/2 percent bleached pine sulphate Pulp, 37 1/2 percent broke, and 25 per cent soda pulp [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 1 sample
- 55 23 Book paper from 50 percent loblolly pine sulphate and 50 percent soda pulp [Savannah Pulp and Paper Laboratory, circa 1932-1932], 1 sample
- 55 24 Bond paper from 80 percent bleached longleaf pine sulphate and 20 percent soda pulp [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 1 sample
- 55 25 Book or printing paper from 70 percent bleached longleaf pine sulphate, 22 percent bleached soda pulp and 8 percent bleached rag stock [Savannah Pulp and Paper Laboratory, circa 1932-1938], 1 sample
- 55 26 Book, bond, writing or high grade print paper from 60 percent bleached longleaf pine sulphate, 15 percent bleached black gum sulphite, and 25 percent bleached chestnut soda [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 1 sample
- 55 27 Unbleached kraft made from loblolly pine by modified process [Savannah Pulp and Paper Laboratory (?), circa 1932-1938], 1 sample
- 55 28 Mississippi pine pulp paper, 1932, 1 sample
- 55 29 Papers from flax, hemp and okra pulps treated with caustic and bleach, 1937, 3 samples
- 55 30 Longleaf pine pulp paper, undated, 4 samples
- 55 31 Spruce pulp paper, undated, 4 samples

Artifacts

- 145 - Turpentine pot created by Charles Herty

Glass negatives

- 146 - Glass negatives

Series 5
Agriculture and natural resources, 1907-1938
Boxes 56-63

Scope and Content Note

In addition to his work with forest products, Herty made other contributions to the development of markets for Southern agricultural products and natural resources. As a professor of chemistry at the University of North Carolina (1909) he formulated a rapid and simple method for the determination of oil in cottonseed meal, meat, and hulls. He promoted this with great success among cottonseed mill operators. He worked (1924-1932) to obtain protective legislation for American china clay, deposits of which were extensive in his home state of Georgia. As a member (1926-1936) of the Advisory Committee of the U. S. Bureau of Chemistry Color Laboratory, later the Color and Farm Waste Division, he encouraged fundamental chemical research in agriculture by the government.

His most significant contributions were made during the years 1935 through 1938, when he helped to organize the Farm Chemurgic Council (FCC). The council was the result of the Joint Conference of Agriculture, Industry and Science held at Dearborn, Michigan, on May 7 and 8, 1935. Its purpose was to develop industrial markets for farm products. Herty served on the Board of Governors; he chaired the Committee on Cellulose; and he was a member of the Committee on Research. Francis P. Garvan of the Chemical Foundation, Inc., was the first president of the FCC.

Herty was instrumental in persuading the Chemical Foundation to provide funds for a cellulose laboratory at the Boyce Thompson Institute for Plant Research, Inc. Important studies on the fundamental structure of cotton fibers were done at the Institute. The results encouraged industrial use of cotton. The Cottonseed Oil Determination section contains correspondence concerning his efforts to promote the use of this method among cotton mill operators.

The Georgia Clays section contains papers concerning protective legislation for the American china clay (kaolin) industry. J. M. Mallory, an agent for the Central of Georgia Railway, is a frequent correspondent. Herty also corresponded with Senator Walter George (Georgia) about the situation.

Files relating to Herty's activities as a member of the Advisory Committee to the Color Laboratory and the Color and Farm Waste Division of the U. S. Bureau of Chemistry and Soils are in the next section. Most of the correspondence is with Dr. T. H. Herrick, head of the laboratory. There is also some correspondence with Dr. Marston T. Bogert and Dr. R. Norris Shreve, committee members. The remainder of this section includes general correspondence about agriculture and natural resources and some correspondence about domestic manufacture of corn sugars.

The Farm Chemurgic Council section consists mostly of correspondence with managing director Carl B. Fritsche, research director Dr. Harry E. Barnard, and publicity director Hugh White. There is also some correspondence with Dr. William J. Hale, Dr. Leo Christensen, and various officers of the Chemical Foundation.

Files concerning the Boyce Thompson Institute for Plant Research, Inc., contain mostly correspondence with Dr. Wanda K. Farr, the head of cellulose research at the Institute. Other

correspondents include Dr. William Crocker, director of the Institute, and Dr. Wayne Sisson. The correspondence deals with the establishment of a cellulose laboratory funded by the Chemical Foundation and with ongoing cellulose research.

Related materials can be found in the following series: Series 3: American Chemical Society; Series 4: Naval Stores, Forestry, Paper and Pulp; Subseries 6.2: Industrial progress and national defense - Papers on Nitrogen & Potash folders; Series 9: Industrial Consultant Work; and Series 15: Photographs.

Cottonseed Oil Determination

Box	Folder	Content
56	1	Correspondence: 1907
56	2	Correspondence: January-May, 1908
56	3	Correspondence: June, 1908
56	4	Correspondence: July 1-21, 1908
56	5	Correspondence: July 22-31, 1908
56	6	Correspondence: August 1-14, 1908
56	7	Correspondence: August 15-31, 1908
56	8	Correspondence: September 1-16, 1908
56	9	Correspondence: September 17-30, 1908
56	10	Correspondence: October, 1908
56	11	Correspondence: November-December, 1908 and undated
56	12	Correspondence: January-June, 1909
56	13	Correspondence: July-December, 1909 and undated
56	14	Correspondence: 1910-1911
56	15	Correspondence: 1912-1914
56	16	Correspondence: 1915-1916, 1918-1920, 1923
56	17	Cotton Seed Crushers' Association of Alabama. Correspondence: 1908
56	18	Cotton Seed Crushers' Association of Georgia. Correspondence: 1908
57	1	Inter-State Cotton Seed Crushers' Association. Miscellaneous Papers: 1914, 1920
57	2	Society of Cotton Products Analysts. Correspondence: 1911-1919
57	3	American Oil Chemists' Society. Correspondence: 1921-1923, 1926
57	4	Cottonseed Oil. Miscellaneous Papers: 1915-1917, undated
57	5	Cotton Fabric in Road Construction. Paper: undated
57	6	Cotton Pests. United States Department of Agriculture Publications: 1922-1924, 1926-1927, 1929
57	7	Fertilizers and Animal Feeds. Miscellaneous Papers: 1916, 1918-1919
57	8	Flax. U. S. Government Publications: 1916, 1922-1925, 1927, 1929, 1932
57	9	Food Preservatives. Miscellaneous Papers: 1916
57	10	Lime. Miscellaneous Papers: 1930
57	11	Miscellaneous Agricultural Crops and Pests. Papers: 1921, 1925, 1927, 1929, 1931, 1935

- 57 12 Sorghum Industry. United States Department of Agriculture Bulletins: 1890, 1918
- 57 13 Vegetable Food Oils. Miscellaneous Papers: 1916, 1919-1920, 1929, undated

Georgia Clays

- 58 1 General Correspondence: 1924-1925
- 58 2 General Correspondence: 1926-1928
- 58 3 General Correspondence: January-June, 1929
- 58 4 General Correspondence: July, 1929
- 58 5 General Correspondence: August, 1929
- 58 6 General Correspondence: September, 1929
- 58 7 General Correspondence: October-December, 1929
- 58 8 General Correspondence: 1930
- 58 9 General Correspondence: 1931-1932
- 59 1 American Ceramic Society. Correspondence: 1925
- 59 2 American Ceramic Society. Correspondence: 1926
- 59 3 American Foreign Service Reports on British China Clay Industry: 1923-1924, 1926-1927
- 59 4 U. S. Bureau of Mines Publications on Clays: 1916, 1925-1927, 1929-1930, 1933, 1937
- 59 5 Tariff Information: 1921
- 59 6 Tariff Revision on China Clay (H.R. 2667). Congressional Hearings and Tariff Schedule: 1929
- 59 7 Tariff Revision on China Clay (H.R. 2667). *Congressional Record*: 1929
- 59 8 Tariff Revision on China Clay (H.R. 2667). *Congressional Record*: 1930
- 59 9 Excerpts from *Chemical Age*: 1929
- 59 10 Miscellaneous Papers: 1925-1926, 1928-1930, 1937, undated

Advisory Committee to the Color Laboratory. U. S. Department of Agriculture. Bureau of Chemistry.

- 59 11 Correspondence: 1926-1927

Advisory Committee to Color and Farm Waste Division. U. S. Department of Agriculture. Bureau of Chemistry and Soils.

- 59 12 Correspondence: 1928-1929
- 59 13 Correspondence: 1930-1931
- 60 1 Correspondence: 1932-1933
- 60 2 Correspondence: 1936 [There is no correspondence for the years 1934-1935]
- 60 3 Miscellaneous Papers: 1932, undated

Agriculture and Natural Resources

- 60 4 General Correspondence: 1926-1928
 60 5 General Correspondence: 1929-19312-1933

Corn Sugar

- 60 6 Correspondence: 1925-1928, 1931
 60 7 Miscellaneous Papers: 1925-1928, undated

Farm Chemurgic Council

- 60 8 Correspondence: 1935
 60 9 Correspondence: January-June, 1936
 60 10 Correspondence: July-December, 1936
 60 11 Correspondence: January-February, 1937
 60 12 Correspondence: March-July, 1937
 60 13 National Farm Chemurgic Council. Correspondence: August-December, 1937
 61 1 National Farm Chemurgic Council. Correspondence: 1938
 61 2 National Farm Chemurgic Council. News Releases: 1937-1938
 61 3 Dearborn Conference of Agriculture. Industry and Science. Invitation, Programs and Reports: 1935-1938
 61 4 Dearborn Conference of Agriculture. Industry and Science. Proceedings: 1935
 61 5 Dearborn Conference of Agriculture, Industry and Science. Proceedings: 1936
 61 6 Farm Chemurgic Conference. Programs and Invitations: 1936-1938
 61 7 Committee on Permanent Organization. Papers: 1935
 61 8 Minutes of Quarterly and Semi-Annual Meetings; 1935, 1937
 61 9 Miscellaneous Papers: 1935-1938
 61 10 News Releases: 1935-1936
 62 1 News Releases: 1937
 62 2 Soybean Committee. Papers: 1936-1937
 62 3 Radio Script, "Industry Turns to the Soil," broadcast on Farm and Home Hour, National Broadcasting Company, May 25, 1937
 62 4 Arkansas Farm. Chemurgic Conference. Correspondence: 1938
 62 5 Florida Chemurgic Conference. Miscellaneous Papers: 1937
 62 6 Georgia Chemurgic Conference. Correspondence: 1936
 62 7 Georgia Chemurgic Conference. Correspondence: 1937
 62 8 Georgia Chemurgic Conference. Miscellaneous Papers: 1937
 62 9 Gulf Coast Chemurgic Conference and Tung Oil Association of America Correspondence: 1936
 62 10 Midwestern Conference of Agriculture, Industry and Science. Miscellaneous Papers: 1937
 62 11 Mississippi Chemurgic Conference. Correspondence: 1937
 62 12 Oklahoma Farm Chemurgic Conference. Correspondence: 1937-1938

- 62 13 Oklahoma Farm Chemurgic Conference. Miscellaneous Papers: 1937-1938
- 62 14 Southern Chemurgic Conference. Correspondence: 1936
- 62 15 Southern Chemurgic Conference. Miscellaneous Papers: 1936
- 62 16 Farm Chemurgy. Miscellaneous Papers: 1926, 1935-1936., 1938, undated

Boyce Thompson Institute for Plant Research, Inc. Papers

- 63 1 Correspondence: 1927, 1935
- 63 2 Correspondence: January-March., 1936
- 63 3 Correspondence: April-August, 1936
- 63 4 Correspondence: September-December, 1936
- 63 5 Correspondence: January-May, 1937
- 63 6 Correspondence: June-December, 1937
- 63 7 Correspondence: 1938
- 63 8 Financial Papers: 1936-1938
- 63 9 Dr. Wanda K. Farr. Miscellaneous Papers: 1937, undated

Series 6
Industrial progress and national defense, 1912-1938
Boxes 64-95

Scope and Content Note

One of the important concerns of Herty's career was the development and protection of the American chemical industry, particularly the synthetic organic chemical industry. It was his major concern between 1915 and 1926. During this time he served as president of the American Chemical Society (ACS) (1915-1916), as editor of the *Journal of Industrial and Engineering Chemistry* (1917-1921), and as president of the Synthetic Organic Chemical Manufacturers Association (SOCMA) (1921-1926). Herty promoted the growth of the American chemical industry not merely as an end in itself, but as a necessity for the national defense. This series includes papers about industrial progress and national defense. Most of the papers are from the years 1915-1928.

Subseries 6.1, Industrial Progress, deals with Herty's activities relating to the development of American chemical industry. Industrial Progress and National Defense (Subseries 6.2) deals with Herty's work with those chemical industries directly related to national defense and to the war. Subseries 6.3, National Defense, concerns Herty's promotion of the U. S. Chemical Warfare Service, his work for the Naval Consulting Board, and other war-related activities.

Arrangement Note

Organized into three subseries: (6.1) Industrial Progress, (6.2) Industrial Progress and National Defense, and (6.3) National Defense.

Subseries 6.1

Industrial progress, 1915-1938

Boxes 65-71

Scope and Content Note

The first part of the subseries relates to Herty's involvement in the organization of a National Exposition of Chemical Industries (NECI). The NECI was intended to give the public some idea about the work of industrial chemists, and to encourage financial support for the industry as well as to promote research within it. The 1915 exposition was so successful that it became an annual event. Herty was a member of the Advisory Committee of the NECI from 1915 until his death in 1938. His position was mainly titular after 1922. Correspondents include NECI officials Adrian Naglevoort and Charles Roth, and also various exhibitors.

Herty was involved to a lesser extent with the Southern Exposition (1924-1928). He was a member of an award committee for the best state exhibit. The award was presented by the *Manufacturers Record*.

The next part of the subseries concerns a census for chemical imports. The threat of a world war underscored the need for reliable current statistical information about chemicals imported by the United States. The Bureau of Foreign and Domestic Commerce (BFDC) of the U. S. Department of Commerce was aware of the problem. It was willing to gather the information but lacked the necessary funds. In 1917, the ACS set up an advisory committee to cooperate with the BFDC in the compilation of a detailed statistical review of chemical imports other than dyestuffs. By the end of June, 1917, the ACS committee, chaired by Herty, had raised the necessary funds (\$2000) from American chemical manufacturers. In July an ACS Committee on Statistics of Imports was formed, chaired by Dr. Bernhard C. Hesse. The committee worked with the BFDC on the chemical classification of the imports. The committee was restructured in September, 1918, and became the ACS Committee on Import Statistics; Herty was appointed chairman. Dr. E. R. Pickrell was the official BFDC compiler of the census. The census was published in 1919 as *Chemical and Allied Products Used in the United States*, Department of Commerce Bureau of Foreign and Domestic Commerce Miscellaneous Series No. 82. Correspondents include members of ACS committees: Dr. J. Merritt Mathews, Dr. Charles Baskerville, Dr. Bernhard C. Hesse; and Department of Commerce Officers E. E. Pratt, B. S. Cutler, and G. B. Roorbach.

Herty first came into contact with the issue of duty-free importation of scientific apparatus and chemicals for American educational institutions in 1915 as ACS president. An embargo on goods from Germany was causing complaints from many colleges and universities which considered American scientific equipment and chemicals inferior. News of the Lusitania disaster shelved the matter temporarily. In 1918 Herty was again dealing with this matter. Representative Isaac Bacharach introduced a bill (H.R. 7785) to repeal section 573 of the Tariff Act of October, 1913. This section granted to educational institutions duty-free import privileges regarding scientific apparatus and chemicals. Herty actively supported the Bacharach bill as a safeguard of and stimulant to American chemical industry.

In addition to Representative Bacharach, Herty corresponded with Representative Joseph W. Fordney, Representative Nicholas Longworth., and Senator James E. Watson about the Bacharach legislation. He also corresponded with American manufacturers of scientific

apparatus and chemicals. These included Scientific Materials Company, the Arthur H. Thomas Company, Dr. C. E. K. Mees of Eastman Kodak Company, and Dr. Carl Pfanstiehl of Special Chemicals Company, Inc.

The Chemical Alliance files consist mainly of correspondence from 1918-1922. The Alliance was established in July, 1917, to handle the distribution of imported pyrites. In December, 1917, it took over the work and organization of the Chemical Committee of the National Defense Council. It became an alliance of all the branches of chemical industry designed to deal as one unit with chemical problem caused by the war. It provided contact between the chemical divisions of the War Industries Board and American chemical manufacturers. It was formally closed down in December, 1919. Herty was elected a director at large of the Chemical Alliance in 1919.

Box 72 also contains papers about industrial alcohol. American industrial chemists were hampered in their work by prohibition legislation which failed to recognize the importance of alcohol for industrial use. Herty, Dr. M. C. Whitaker, and Dr. G. D. Rosengarten were appointed ACS representatives to attend a Washington Conference (6-17-20) called by the Commissioner of Internal Revenue to discuss the administration of industrial alcohol legislation and the regulation of its use. Much of the correspondence is with Dr. M. C. Whitaker of the U. S. Industrial Alcohol Company.

Herty was also interested in reforming existing American patent laws. The lack of a "working clause" allowed foreigners to obtain American patents without being obliged to manufacture in the United States or to license Americans to manufacture for them. Also, patent specifications, especially those submitted by foreigners, were often misleading or erroneous. Herty corresponded with Bert Russell, secretary of the Patent Office Society, about improving the efficiency of the U. S. Patent Office. Other correspondents included: James T. Newton, U. S. Patent Office, Dr. K. P. McElroy, Dr. F. R. Eldred, Dr. L. H. Baekeland, Edwin J. Prindle, and Representative John Nollan and Senator George Norris. In 1920 there is correspondence about the Nolan Bill (H.R. 11984) to reorganize and reclassify the Patent Office.

The last section of the subseries relates to Herty's involvement with the Synthetic Organic Chemical Manufacturers Association (SOCMA). SOCMA was created on October 28, 1921, because American chemical manufacturers realized the necessity of cooperation among themselves in order to insure the permanent establishment of an independent American synthetic organic chemical industry. Herty served as salaried president of the organization from 1921 through 1926, when he left to become advisor to the Chemical Foundation, Inc. As a trade organization, the primary function of the SOCMA was to safeguard the interests of its constituency; Herty was an active proponent of protective legislation for the industry. There is relatively little correspondence apart from correspondence about the SOCMA Committee on the Tariff Situation chaired by Herty (1922). Most of the papers consist of various SWTMA section meeting minutes, chemical import statistics, and new patent lists.

National Exposition of Chemical Industries, 1915-1938

Box	Folder	Content
64	1	Advisory Committee: Correspondence: 1915
64	2	Advisory Committee: Correspondence: 1916

- 64 3 Advisory Committee: Correspondence: 1917
- 64 4 Advisory Committee: Correspondence: 1918
- 64 5 Advisory Committee: Correspondence: 1919
- 64 6 Advisory Committee: Correspondence: 1920
- 64 7 Advisory Committee: Correspondence: 1921
- 64 8 Advisory Committee: Correspondence: 1922
- 64 9 Advisory Committee: Correspondence: 1923-1924
- 64 10 Advisory Committee: Correspondence: 1925
- 64 11 Advisory Committee: Correspondence: 1927, 1929, 1931
- 64 12 Advisory Committee: Correspondence: 1932-1938
- 64 13 Miscellaneous Papers: 1916, 1918-1923, 1925, 1927, 1931

Miscellaneous Exposition Papers

- 65 1 Southern Exposition. Committee on Award of *Manufacturers Record* Prize for Best State Exhibit. Correspondence: 1924-1925
- 65 2 Southern Exposition. General Correspondence: 1925-1926, 1928
- 65 3 Southern Exposition. Miscellaneous Papers: 1925-1927
- 65 4 National Exposition of Power and Mechanical Engineering. Correspondence: 1923-1925, 1927
- 65 5 Chemical Equipment Exposition. Correspondence: 1925

Census of Chemical Imports Papers

- 65 6 Correspondence: 1916
- 65 7 Correspondence: January-May, 1917
- 65 8 Correspondence: June-December, 1917
- 65 9 Correspondence: 1918
- 65 10 Correspondence: January-April, 1919
- 65 11 Correspondence: May-June, 1919
- 65 12 Correspondence: July-November, 1919 and undated
- 65 13 Correspondence: 1920-1921, 1923
- 65 14 Miscellaneous Papers: 1919

Duty-Free importation of Scientific Apparatus and Materials

- 66 1 Correspondence: 1915-1918
- 66 2 Correspondence: 1919
- 66 3 Correspondence: January-July, 1920
- 66 4 Correspondence: August-December, 1920
- 66 5 Correspondence: January-March, 1921
- 66 6 Correspondence: April-December, 1921
- 66 7 Correspondence: 1922, 1928-1929, 1938
- 66 8 Legislation, Briefs and Congressional Hearings: 1919-1922

66 9 Miscellaneous Papers: 1918-1921, undated

Chemical Alliance, Inc.,

67 1 Correspondence: 1918
 67 2 Correspondence: January-June, 1919
 67 3 Correspondence: July-December, 1919
 67 4 Correspondence: 1920-1922
 67 5 Minutes of Meetings of Board of Directors: 1919
 67 6 Organization, Charter and By-Laws: 1918

Industrial Alcohol

67 7 Correspondence: 1917, 1919
 67 8 Correspondence: January-July, 1920
 67 9 Correspondence: August-December, 1920 and undated
 67 10 Correspondence: January-May, 1921
 67 11 Correspondence: June-November, 1921 and undated
 67 12 Miscellaneous Papers: 1906, 1919, 1923, 1927

Patent Reform

67 13 Patent Office Society. Correspondence and Other Papers: 1917-1919, undated
 67 14 Correspondence: 1915-1918
 67 15 Correspondence: 1919
 67 16 Correspondence: 1920-1922
 68 1 Legislation and Hearings: 1919-1922, 1924
 68 2 U. S. Patent System. Miscellaneous Papers: 1899, 1909, 1921-1922, 1925, undated
 68 3 Patent Office of Canada. Papers: 1923

Synthetic Organic Chemical Manufacturers Association

68 4 General Correspondence: 1921-1922
 68 5 General Correspondence: 1923-1926
 68 6 General Correspondence: 1927-1931, 1937
 68 7 Committee on the Tariff Situation. Correspondence: 1922
 68 8 Memorandum (and Exhibits) to the President of the United
 68 9 Annual Meeting. Minutes: 1922-1925
 68 10 Annual Meeting. Proceedings: 1924-1925
 68 11 Annual Report of the President: 1923, 1925
 68 12 Financial Survey: 1921-1926
 69 1 Board of Governors. Minutes of Meetings: 1921-1922
 69 2 Board of Governors. Minutes of Meetings: 1923-1924
 69 3 Board of Governors. Minutes of Meetings: 1925-1926

- 69 4 Legislative Committee of the Whole. Minutes of Meetings: 1922
- 69 5 Crudes and Intermediates Section. Minutes of Meetings: 1923-1925
- 69 6 Crudes and Intermediates Section and Fine Organic and Medicinal Chemicals Section. Minutes of Joint Meeting: 1924
- 69 7 Dyestuffs Section. Minutes of Meetings: 1921-1926
- 69 8 Fine Organic and Medicinal Chemicals Section. Minutes of Meeting: 1922-1925
- 69 9 Fine Organic and Medicinal Chemicals Section and Special Chemicals Section. Minutes of Joint Meetings: 1925-1926
- 69 10 Intermediates Section. Minutes of Meetings: 1925-1926
- 69 11 Pharmaceutical and Fine Organic Sections. Minutes of Meetings: 1921-1922
- 69 12 Special Chemicals Section. Minutes of Meetings: 1923-1924
- 69 13 List of Press References to SOCMA and its Interests: 1923-1924
- 69 14 Bulletins: 1922-1923
- 69 15 Bulletins: 1924-1927, 1930-1932
- 69 16 Special Bulletins: 1922-1926, 1932, 1935
- 70 1 Manufacturers of Dyes and Other Synthetic Organic Chemicals. List of Products: 1924-1925
- 70 2 Manufacturers of Dyes and Other Synthetic Organic Chemicals. List of Products: 1926-1927, 1929-1930
- 70 3 New Patent Lists: 1924-1926
- 70 4 New Patent Lists: 1930
- 70 5 New Patent Lists: 1931
- 70 6 New Patent Lists: 1932
- 70 7 New Patent Lists: 1933-1935, 1937
- 71 1 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1925-1926
- 71 2 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1927
- 71 3 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1928-1929
- 71 4 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1930
- 71 5 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1931-1932
- 71 6 Imports of Certain Non-coal-tar Synthetic Organic Chemicals. Statistics: 1933-1935
- 71 7 Importations of Medicinals, Photographic Developers, Intermediates, and Other Coal-tar Products. Statistics: 1928-1934
- 71 8 Importations of Synthetic Aromatic Chemicals of Coal-tar Origin. Statistics: 1929-1934
- 71 9 Coal-tar Dye and Color Imports. Analysis of Statistics: 1928-1934
- 71 10 Miscellaneous Papers: 1922-1924, 1926

Subseries 6.2

Industrial progress and national defense, 1912-1938

Boxes 78-87

Scope and Content Note

The first world war demonstrated the extent of this country's dependence upon chemical industry. It also indicated the vulnerability of this industry which relied on foreign sources for important raw materials, including potash for fertilizer and sodium nitrate for fertilizers and explosives. In addition, the coal-tar chemical industry, the basis of synthetic organic chemical industry at that time, was virtually nonexistent in the United States because of a German monopoly. Coal-tar products included most textile and other dyes, many important medicinals, and powerful explosives. The poisonous gases used in chemical warfare were also coal-tar products. It became apparent that the nation's security was tied to a self-sufficient American chemical industry.

The outbreak of war led to the formation of industrial and scientific mobilization and coordination organizations, and new emphasis on research to offset dependence upon foreign raw chemicals. The government synthetic nitrogen program was begun, and intensive exploration was carried out for American deposits of critical raw material such as potash. Perhaps the most significant development during these years was the move to establish an independent coal-tar chemical industry in the United States. War-induced shortages of coal-tar products focused national attention on the lack of a competitive coal-tar chemical industry. The U. S. Alien Property Custodian, under the amended Trading With the Enemy Act, was given authority to seize enemy alien chemical patents and issue them to American chemical manufacturers. The prospect of tariff protection also encouraged investment in this expensive industry.

Herty played an important part in these activities. He served on the nitrate supply committees of the National Academy of Sciences and the National Research Council (1916-1917). He helped to organize the Naval Consulting Board Industrial Preparedness Committee (See Subseries 6.3), and he was one of the original members of the National Research Council Division of Chemistry and Chemical Technology. He warned against dependence upon the German potash syndicate; in 1929 he discussed with President Hoover the question of Palestinian potash deposits.

Herty figured prominently in the establishment of an American coal-tar chemical industry. He spoke out as president of the American Chemical Society as early as 1915 for the importance of the industry in national defense. He served as a member of the Dyestuffs Advisory Committee of the War Trade Board (WTB). In 1919, he represented the WTB in Paris concerning arrangements with the Allied Reparations Commission for obtaining German reparations dyes stocks. The Dyestuffs Advisory Committee of the WTB was transferred to the Textile Alliance, Inc. when it took over the responsibility of importing and distributing the reparations dyes to American users, and Herty remained on the committee. He actively promoted protective legislation for the coal-tar dye industry. As president of the Synthetic Organic Chemical Manufacturers Association (See Subseries 6.1) he continued to look out for the interests of this industry.

The first part of the subseries relates to Herty's nitrogen work. Most of this concerns the Nitrate Supply Committees of the National Academy of Sciences (1916-1917) and the National Research Council (1917). Correspondents include: Dr. Leo H. Baekeland, Dr. A. A. Noyes, Dr. Charles L. Parsons, and Dr. W. R. Whitney. Between 1918-1932 there is some correspondence about industrial developments in the nitrogen fixation process and occasional references to nitrogen work at Muscle Shoals.

Files relating to Herty's association with the National Research Council include correspondence with Dr. George E. Hale, Dr. John Johnston, and Dr. Vernon Kellogg. He was one of the original members of its Division of Chemistry and Chemical Technology.

The Potash section contains frequent correspondence about government potash investigations (1918-1929). Between 1924 and 1927 he corresponded with Senator Morris Sheppard (Texas) and Representative Nicholas Longworth (Ohio) about potash legislation. In 1929 he was in correspondence with Dr. Thomas H. Norton about the Dead Sea potash and bromine salts concessions.

Files concerning Herty's work for an independent American coal-tar chemical industry consists mainly of general correspondence about these activities. His efforts were of a promotional nature during the years 1915-1918. In 1915 he gathered information about the needs of a coal-tar chemical industry through correspondence with Dr. Thomas Norton of the Department of Commerce and Dr. Bernhard C. Hesse. He alerted the public to the necessity of protective legislation for the coal-tar dye industry through speeches, editorials in the *Journal of Industrial and Engineering Chemistry*, and other writings. He tried to enlist support for a protective tariff among the American press, especially the *Manufacturers Record* and the *Philadelphia Public Ledger*. He made a similar effort with Southern textile manufacturers. In 1916 he corresponded with Fred Lewis and Fuller Callaway about setting up a publicity campaign among southern textile manufacturers to lobby for a tariff, but the campaign failed to get off the ground. There is also frequent correspondence with American dye manufacturers.

Herty corresponded with Representative Ebenezer J. Hill (Connecticut), Senator Furnifold Simmons (North Carolina), and Representative Claude Kitchin (North Carolina) about protective dye legislation measures. There is relatively little correspondence about the coal-tar chemical industry in 1918; most of it concerns American military and industrial demands for toluol, a coal-tar derivative.

Between 1919 and 1922, Herty was involved with the War Trade Board (WTB) and Textile Alliance activities concerning the procurement of German Reparations dye stocks. The general correspondence during these years is primarily concerned with various legislative measures to protect the American coal-tar dye industry. Correspondents for these years include: Representative Longworth, Senator Simmons, Senator James E. Watson (Indiana), Senator Joseph S. Frelinghuysen (New Jersey), Dr. S. Whetmore of British Dyes Corporation, LTD, and Dr. Edward Fahs Smith. There is also correspondence with American dye manufacturers and with members of the press, particularly Douglas G. Woolf of the *Textile World Journal*.

Most of the correspondence for 1923 and 1924 concerns communications between U. S. Department of Commerce officers and Herty (who was in Europe in 1923) about the activities of German, British, Swiss, Italian and French coal-tar dye manufacturers. Correspondents include: Frederick E. Breithut, American Trade Commissioner; C. Concannon, chief, Chemical Division,

Bureau of Foreign and Domestic Commerce (BFDC); Lieut. Frank B. Gorin, chief Heavy Chemical Section of Chemical Division, BFDC; Assistant Secretary of State Leland Harrison; and Chester Lloyd Jones, American Commercial Attache. Correspondence about the coal-tar dye industry decreases substantially after 1924. There is some correspondence in 1925 with Lieut. Gorin, now of the U. S. Chemical Warfare Association, about dye imports.

The subseries also contains Herty's correspondence with the American Dyes Institute (ADI) for the years 1919-1922. This trade association of American dye manufacturers was absorbed into the SOCMA. Herty was a member of the Tariff Committee of the ADI. Correspondents include: W. R. Corwine, H. E. Danner, Dr. J. Merritt Matthews, and M. R. Poucher.

Additional files relate to the War Trade Board, the Allied Reparation Commission, and the American Commission to Negotiate Peace. In May of 1919, Herty was appointed to the Advisory Committee on Dyes to the WTB; he served as committee secretary. The committee recommended types and quantities of dyes which could be imported to meet unfilled demands of American consumers. In 1919, Herty secured an option from the German dye cartel to cover amounts and types of dyes needed by Americans which were not covered by the reparation allotment. Most of the correspondence is with the following: L. Bennett, secretary, WTB; Franklin W. Hobbs; Karl de Laittre, director, Bureau of Research and Statistics, WTB; W. B. D. Penniman, WTB trade advisor; and Clarence M. Woolley, vice-chairman, WTB.

In September, 1919, the WTB asked the Textile Alliance, Inc. to take over the control and importation of the Reparation Commission dyestuffs. The WTB Dyes Advisory Committee became a joint committee of the WTB and the Textile Alliance. Correspondence concerning the committee after August, 1919, is filed with the Textile Alliance papers in box 87. The committee remained active, although the WTB Dye Advisory Committee terminated in December, 1921, as part of the Textile Alliance until February, 1924. The U. S. government ended the arrangement between the WTB and the Textile Alliance in January, 1922. In December, 1927.; Herty was appointed chairman of the Textile Alliance Subcommittee of the Committee, appointed June 22, 1921, to Dispose of the Surplus Derived from the Sale of the Underwritten Dyes. Correspondents in the Textile Alliance papers include: Frank D. Cheney, Franklin W. Hobbs, A. C. Imbrie, August Merz, M. B. Metcalf, E. V. Patterson, M. R. Poucher, H. B. Thompson, and W. H. Watkins.

The Textile Alliance had agreed to sell German reparation dyes and divide the sale profits between the United States government and a fund set aside for textile research. In 1930 the government's share of this money was donated by Congress for this research; the Textile Foundation was established to administer the funds. The files contain correspondence with Textile Foundation chairman Franklin W. Hobbs and Foundation secretary and assistant treasurer Edward T. Pickard. The section also contains correspondence about the American Association of Textile Chemists and Colorists, mainly with the association president E. H. Killheffer.

The U. S. Tariff Commission section contains correspondence relating to the American coal-tar dye industry between 1917 and 1931. Major correspondents are Dr. F. O. Taussig, chairman of the Tariff Commission, and Dr. Grinnell Jones, who worked for the commission on tariff chemical schedules. Some Tariff Commission publications and press releases relating to the coal-tar chemical industry are included here.

The remainder of the series contains miscellaneous Department of Commerce papers concerning the coal-tar chemical industry; various other papers relating to dyestuffs and the chemical industry.. Also included are papers relating to Herty service as a member of the Chemical Advisory Committee to the Department of Commerce; a deputy administrator with the National Recovery Administration, 1933 and 1934; and a member of the Georgia State Planning Board in 1937 and 1938.

Nitrogen

Box	Folder	Content
72	1	General Correspondence: 1915
72	2	Nitrate Supply Committee of the National Academy of Sciences. Correspondence: 1916
72	3	Nitrate Supply Committee of the National Academy of Sciences. Correspondence: 1917
72	4	Nitrate Supply Committee of the National Academy of Sciences. Reports: 1916-1917
72	5	U. S. Bureau of Mines. Reports on the Nitrogen Industry: 1917
72	6	Nitrate Supply Committee of the National Research Council. Correspondence: March-July, 1917
72	7	Nitrate Supply Committee of the National Research Council. Correspondence: August-September, 1917
72	8	Nitrate Supply Committee of the National Research Council. Proceedings and Recommendations: 1917
72	9	Nitrate Supply Committee of the National Research Council. General Correspondence: November-December, undated, 1917
72	10	Nitrate Supply Committee of the National Research Council. General Correspondence: 1918-1919
72	11	Nitrate Supply Committee of the National Research Council. General Correspondence: 1920-1921
72	12	Nitrate Supply Committee of the National Research Council. General Correspondence: 1924, 1926-1929, 1931-1932
72	13	Nitrate Supply Committee of the National Research Council. Miscellaneous Papers: 1916-1917, 1921, 1926-1929
73	1	Great Britain. Nitrogen Products Committee. Final Report: 1920
73	2	U. S. War Expenditures. Congressional Report: 1920
73	3	Muscle Shoals. Legislation, Senate Committee Hearings and Statements: 1921-1922, 1926-1927, 1929
73	4	<i>Muscle Shoals</i> . Presented by the Muscle Shoals Commission: 1931

National Research Council

73	5	Correspondence: 1916-1918
73	6	Correspondence: 1919

- 73 7 Correspondence: 1920-1921
- 73 8 Correspondence: 1922-1924
- 73 9 Correspondence: 1925-1929
- 73 10 National Research Fellowships in Physics, Chemistry and Mathematics.
Correspondence: 1931
- 73 11 Miscellaneous Papers:1920, 1931

Potash

- 74 1 Correspondence: 1914-1917
- 74 2 Correspondence: 1918
- 74 3 Correspondence: 1919-1920
- 74 4 Correspondence: 1921-1922
- 74 5 Correspondence: 1924-1926
- 74 6 Correspondence: 1927-1928
- 74 7 Correspondence: 1929
- 74 8 Correspondence: 1930-1932
- 74 9 British Government Documents Relating to the Dead Sea Salts
Concession:1928-1929
- 74 10 Miscellaneous Papers: 1915-1922
- 74 11 Miscellaneous Papers: 1924-1927, 1929-1930

American Coal-tar Dye Industry, Correspondence

- 75 1 1915
- 75 2 January-February, 1916
- 75 3 March, 1916
- 75 4 April-May, 1916
- 75 5 June-July, 1916
- 75 6 August-September, 1916
- 75 7 October-December, undated, 1916
- 75 8 January-February, 1917
- 76 1 March-April, 1917
- 76 2 May, 1917
- 76 3 June-October, 1917
- 76 4 November-December, undated, 1917
- 76 5 January-March, 1918
- 76 6 April-December, 1918
- 76 7 January-June, 1919
- 76 8 July-September, 1919
- 76 9 October-December, 1919
- 76 10 January-May, 1,920

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| 76 | 11 | June-October, 1920 |
| 77 | 1 | November-December, 1920 |
| 77 | 2 | January-February, 1921 |
| 77 | 3 | March 1921 |
| 77 | 4 | April-May, 1921 |
| 77 | 5 | June-July, 1921 |
| 77 | 6 | August-September, 1921 |
| 77 | 7 | October, 1921 |
| 77 | 8 | November-December, undated, 1921 |
| 77 | 9 | January-April, 1922 |
| 77 | 10 | May-August, 1922 |
| 77 | 11 | September-December, undated, 1922 |
| 78 | 1 | January-July, 1923 |
| 78 | 2 | August-September, 1923 |
| 78 | 3 | October, 1923 |
| 78 | 4 | November-December, undated, 1923 |
| 78 | 5 | Diary and Notes about Paris Trip: 1923-1924 |
| 78 | 6 | January, 1924 |
| 78 | 7 | February-March, 1924 |
| 78 | 8 | April-October, 1924 |
| 78 | 9 | November, undated, 1924 |
| 78 | 10 | 1925 |
| 78 | 11 | 1927, 1929, 1931, 1938 |

American Dyes Institute

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| 78 | 12 | Correspondence: 1919 |
| 78 | 13 | Correspondence: January-June, 1920 |
| 78 | 14 | Correspondence: July-December, 1920 |
| 78 | 15 | Correspondence: 1921-1922 |

War Trade Board

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|----|---|--|
| 79 | 1 | Advisory Committee on Dyes. Correspondence: May-June, 1919 |
| 79 | 2 | Advisory Committee on Dyes. Correspondence: July, 1919 |
| 79 | 3 | Advisory Committee on Dyes. Correspondence: August-December, undated, 1919 |
| 79 | 4 | Advisory Committee on Dyes. Correspondence: 1920-1921 |
| 79 | 5 | Advisory Committee on Dyes. Minutes of Meetings: 1919 |
| 79 | 6 | Regulations, Orders and Press Notices: 1918-1921 |
| 79 | 7 | <i>War Trade Board Journal</i> : 1918-1919 |
| 79 | 8 | Miscellaneous Papers: 1917-1919 |

Allied Reparation Commission and American Commission to Negotiate Peace

- 79 9 Correspondence: May-September, 1919
- 79 10 Correspondence: October-December, 1919
- 80 1 Correspondence: 1920-1921
- 80 2 Personal Notes and Diary: 1919
- 80 3 Miscellaneous Papers: 1919, 1922-1923, undated
- 80 4 Organization Committee of Reparation Commission. SubCommission for Dyestuffs, Chemical and Pharmaceutical Products. Papers: 1919

American Commission to Negotiate Peace.

- 80 5 List of Intermediates, etc., from German Chemical Companies: 1919
- 80 6 Lists of Dye Stocks of German Chemical Companies: 1919
- 80 7 Lists of Dye Stocks of German Chemical Companies: 1919
- 80 8 Lists of Dye Stocks of German Chemical Companies: 1919

Textile Organizations.

- 80 9 Textile Alliance, Inc. Correspondence: 1919
- 80 10 Textile Alliance, Inc. Correspondence: 1920
- 80 11 Textile Alliance, Inc. Correspondence: 1921
- 81 1 Textile Alliance, Inc. Correspondence: 1922-1925
- 81 2 Textile Alliance, Inc. Correspondence: 1926-1928
- 81 3 Textile Alliance, Inc. Dyestuffs Advisory Committee. Minutes of Meetings: 1919-1922
- 81 4 Textile Foundation. Correspondence: 1930-1932, 1934-1935
- 81 5 Textile Foundation. Correspondence: 1936-1938
- 81 6 Textile Foundation. Miscellaneous Papers: 1931, 1937
- 81 7 American Association of Textile Chemists and Colorists. Correspondence: 1928-1930, 1934-1935, 1937
- 81 8 United States Institute for Textile Research, Inc. Correspondence: 1931-1932

U. S. Tariff Commission

- 81 9 Correspondence: 1917-1919
- 81 10 Correspondence: 1920-1921, 1923-1924, 1926-1928, 1931
- 82 1 Press Releases: 1920-1921, 1926-1928
- 82 2 Tariff Information Series Publications. Numbers: 2, 11, 22, 23, 26
- 82 3 Tariff Information Series Publications. Numbers: 31-35, 37
- 82 4 Miscellaneous Publications: 1917-1920

Department of Commerce

- 83 1 Bureau of Foreign and Domestic Commerce. Publications: 1913-1928

- 83 2 Bureau of Foreign and Domestic Commerce. *Artificial Dyestuffs Wed in the United States: Quality and Value of Foreign Imports and of Domestic Production During the Fiscal Year 1913-1914*. Special Agent Series No. 121. By Thomas H. Norton. Washington: Government Printing Office, 1916 (Typescript).
- 83 3 Bureau of Foreign and Domestic Commerce. *Artificial Dyestuffs Wed in the United States: Quality and Value of Foreign Imports and of Domestic Production During the Fiscal Year 1913-1914*. Special Agent Series No. 121. By Thomas H. Norton. Washington: Government Printing Office, 1916. Inscribed to Herty from Norton
- 83 4 Bureau of Foreign and Domestic Commerce. *Commercial Organizations in Germany*. Special Agents Series No. 77. By Archibald J. Wolfe. Washington: Government Printing Office, 1914

American Dyestuffs Industry

- 84 1 Medicinals: 1918-1922
- 84 2 *Message of the President of the United States: Communicated to the Two Houses of Congress at the Beginning of the First Second Session of the Sixty-Sixth Congress*. Washington: May 20, 1919; December 2, 1919
- 84 3 *Competitive-Noncompetitive List of Dutiable Coal-Tar Products Other Than Dyes, Color Acids and Color Bases*. New York: U. S. Appraiser's Office, March, 1926.
- 84 4 American Coke Manufacturing: 1914., 1916
- 84 5 Library of Congress. *List of References on Dyestuffs: Chemistry, Manufacture Trade*. Washington: Government Printing Office, 1919
- 84 6 Coal-Tar Food Colors. United States Department of Agriculture Publications: 1912, 1925
- 84 7 Miscellaneous Printed Material: 1912-1936
- 84 8 Miscellaneous Printed Material: undated
- 84 9 Miscellaneous Printed Material: 1922-1926, undated
- 84 10 Toluol: 1917-1918
- 84 11 Cartels, Combines, Trusts and Monopolies. League of Nations Publications: 1926-1927

American Dyestuffs Industry. Legislation. Papers

- 85 1 Legislation. H.R. 16763: 1916
- 85 2 Trading With the Enemy Act: 1917-1919
- 85 3 Legislation. Longworth Bill (H.R. 8078): 1919-1920, undated
- 85 4 Legislation. Fordney Bill (H.R. 7456): 1921-1924, undated
- 85 5 Legislation. Fordney Bill. (H.R. 7456): Notes for Testimony at Hearing [?], undated
- 85 6 Legislation. Miscellaneous: 1922-1932

85 7 Legislation. Congressional Record: 1916, 1921, 1926, 1930

85 8 Legislation. Dyestuffs Hearings: 66th Congress. 1919

Foreign Dyestuffs Industries

85 9 British Dye Industry. Miscellaneous Papers: 1919-1928, undated

85 10 British Government Documents: 1913, 1918-1919

86 1 British Government Documents: 1920

86 2 German Dye Trust. Miscellaneous Papers: 1919-1929, undated

86 3 German Dye Industry. Miscellaneous Papers: 1919-1926, undated

86 4 Chemische Fabrik Griesheim Elektron. Goldmark-Eröffnungsbilanz: January, 1924

86 5 Kalle & Co. Aktiengesellschaft. Goldmark-Eröffnungsbilanz: January, 1924

86 6 Chemische Fabriken vorm Weiler-ter Meer. Goldmark-Eröffnungsbilanz: January, 1924

86 7 Farbwerk Muhlheim. Ordentliche General-Versammlung: December, 1924

86 8 Farbwerke vorm Meister Lucius & Brüning. Goldmark-Eröffnungsbilanz: January, 1924

86 9 Actien-Gesellschaft für Anilin-Fabrikation. Goldmark-Eröffnungsbilanz: 1924

86 10 Farbenfabriken vorm Friedr. Bayer & Co. Leverkusen Senator Goldmark-Eröffnungsbilanz: January, 1924

86 11 "The Evasion of German Capital," translated from the French by Eugene A. Masuret, Warren M. Hamilton, and J. E. Cocke, Paris, November 5, 1925

86 12 Germany. Economic Situation and Industrial Development. Miscellaneous Papers: 1921-1923, 1931

86 13 "Organization du Consortium des Fabriques Allemandes de Produits Chimiques," by G. W. Wernlé. Paper read at 3rd Congress of Industrial Chemistry, Paris, October 21-26, 1923

86 14 "Swiss Coal-Tar Chemical Industry. Production, Export and Import Statistics" by Frederick E. Breithut, American Trade Commissioner, October 22, 1923

American Chemical Industry. Miscellaneous Papers

86 15 American Tariff League. Correspondence: 1927

86 16 Southern Tariff Association. Correspondence: 1928

86 17 Commercial Bribery. Correspondence: 1925-1928, 1930-1931

87 1 Commercial Bribery. Miscellaneous Papers: 1921-1922, 1925-1927, 1930, undated

87 2 Chemical Advisory Committee to Department of Commerce. Correspondence: 1926-1927

87 3 Foreign Loans to European Chemical Cartels: Correspondence: 1927-1928

87 4 National Association of Manufacturers. Correspondence: 1927-1928, 1930

87 5 National Recovery Administration. Correspondence: 1933

- 87 6 National Recovery Administration. Correspondence: 1934-1935
- 87 7 Georgia State Planning Board. Correspondence: 1937-1938
- 87 8 American Chemical Industry. General Correspondence: 1925-1926
- 87 9 American Chemical Industry. General Correspondence: 1927-1928
- 87 10 American Chemical Industry. General Correspondence: 1929-1931

Subseries 6.3

National defense, 1915-1931

Boxes 88-95

Scope and Content Note

Papers concerning Herty's campaign linking the national defense to an independent American chemical industry are in Subseries 6.2, Industrial Progress and National Defense.

As president of the American Chemical Society in 1915 and 1916, Herty was involved in the work of the Naval Consulting Board (NCB) which had been set up to advise the Navy Department on relevant scientific matters. Two ACS representatives served on the NCB. The ACS helped to organize the State Industrial Preparedness Committees which collected data for a NCB survey of American industrial establishments.

As editor of the *Journal of Industrial and Engineering Chemistry* (1917-1921), Herty mounted a strong campaign for the conservation of platinum which was badly needed for scientific and industrial work related to the war effort. He was aided in his conservation effort by the Women's National League for the Conservation of Platinum, an organization led by Mrs. Ellwood B. (Edith T.) Spear. Editorial support for the movement was also provided by the *Manufacturers Record*.

Herty was a strong advocate and defender of the Chemical Warfare Service (CWS). His journal editorials continually stressed the value of the CWS and the importance of maintaining it as an independent unit of the Army. In 1918 he offered the use of the journal for publicity to the director of the CWS, Major General W. L. Sibert. In 1919 and 1920, he added a special section to the journal, "Contributions from the Chemical Warfare Service, U.S.A." He fought the Army Reorganization Bill and other attempts to reduce the status and activities of the CWS. He served as a consultant to the CWS and chaired the ACS Committee to Cooperate with the Chemical Warfare Service (1920-1922). He became a close friend of Gen. Amos A. Fries who succeeded Gen. Sibert as head of the CWS. In addition to Sibert and Fries, CWS correspondents include: Maj. Samuel Avery, Col. Marston T. Bogert, Maj. Frederick E. Breithut, Col. Bradley Dewey, Maj. Allen Rogers, and Lt. Charles Roth.

In 1924, Herty was named to the Advisory Board for the Procurement Division of the Chemical Warfare Service on the Second Corps Area. He remained a member until 1927. Herty also became chairman in 1924 of the Executive Board of the United States Chemical Warfare Association (CWA), a grass roots organization to promote camaraderie among CWS active and retired personnel. The CWA was officially disbanded in 1925 after disclosure of improper activities by the CWA secretary, Capt. Frank B. Gorin. Herty took charge of the official records of the organization.

The files in this subseries deal with the Chemical Warfare Service, the United States Chemical Warfare Association, the platinum conservation campaign, and the Naval Consulting Board.

Related material can be found in the following series: Series 3: American Chemical Society; Series 8: The Chemical Foundation, Inc. and Francis P. Garvan; Series 13: Notebooks, Speeches, Writings; and Series 15: Photographs.

Platinum Conservation

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88	1	General Correspondence: 1917
88	2	General Correspondence: January-June, 1918
88	3	General Correspondence: July-August, 1918
88	4	General Correspondence: September-November, undated, 1918
88	5	General Correspondence: 1919, 1921
88	6	Women's National League for the Conservation of Platinum. Correspondence: 1918-1919
88	7	Platinum Conservation and <i>Manufacturers Record</i> . Correspondence: 1917-1918
88	8	Legislation and Congressional Hearings: 1918
88	9	Miscellaneous Papers: 1917-1918, 1920-1921

Naval Consulting Board Papers

89	1	Naval Consulting Board. Correspondence: 1915
89	2	Naval Consulting Board. Correspondence: January-March, 1916
89	3	Naval Consulting Board. Correspondence: April-September, 1916
89	4	Naval Consulting Board. Correspondence: 1917-1918
89	5	Naval Consulting Board. ACS Nominees for Naval Consulting Board Industrial Preparedness Committee State Directorships. Correspondence: 1916
89	6	U. S. Bureau of Mines. Correspondence: 1917-1919
89	7	U. S. War Department. Correspondence: 1917

Chemical Warfare Service

89	8	Correspondence: 1918
89	9	Correspondence: January-July, 1919
89	10	Correspondence: August-December, 1919
89	11	Correspondence: January-March, 1920
89	12	Correspondence: April-September, 1920
89	13	Correspondence: October-December, 1920
89	14	Correspondence: January-April, 1921
90	1	Correspondence: December, undated, 1921
90	2	Correspondence: 1922-1923
90	3	Correspondence: 1924
90	4	Correspondence: 1925
90	5	Correspondence: 1926
90	6	Correspondence: 1927
90	7	Correspondence: 1928-1931, 1933
90	8	Chemical Warfare. General Correspondence: 1917-1921, 1925, 1927-1929
90	9	Chamberlain Bill (S. 1695). Correspondence: 1917
90	10	Washington Conference on Limitation of Armaments. Correspondence: 1920-1922, 1924-1925

- 90 11 Geneva Protocol. Correspondence: 1925-1926
- 90 12 Geneva Protocol. Report on Chemical Warfare in Connection With the Conference for the Control of the International Trade in Arms, Munitions and Implements of War: May-June, 1925
- 90 13 Geneva Protocol. Miscellaneous Papers: 1925-1926
- 90 14 Burton Resolution. Correspondence and Other Papers: 1928
- 91 1 Chemical Warfare Service Consultant. Correspondence: 1920, 1926-1929
- 91 2 Humane Aspects of Chemical Warfare. Correspondence: 1922, 1925-1926, 1928, 1931
- 91 3 Peace-Time Uses of Poisonous Gases. Correspondence: 1919, 1921, 1926-1927, 1929, 1931
- 91 4 Exportation of Arms, Munitions or Implements to Belligerent Nations. Legislation and Congressional Hearings: 1928-1929
- 91 5 Advisory Board for the Procurement Division of the Chemical Warfare Service on the Second Corps Area. Correspondence: 1924 -1927; 1929-1931
- 91 6 ACS Committee on Coordination of Chemical Work Within the War Department. Correspondence: 1919
- 91 7 ACS Committee to Cooperate with Chemical Warfare Service. Correspondence: 1920-1922, 1925
- 91 8 American Defense Society, Inc. Correspondence and Other Papers: 1915, 1917-1919, 1922-1924, 1926
- 91 9 League to Enforce Peace. Correspondence: 1918
- 91 10 National Association for Chemical Defense. Correspondence: 1926 -1929
- 91 11 National Security League, Inc. Correspondence and Other Papers: 1926-1927
- 91 12 Women's Disarmament Committee for World Disarmament. Correspondence: 1921, undated

United States Chemical Warfare Association

- 91 13 Correspondence: 1924
- 91 14 Correspondence: January-March, 1925
- 91 15 Correspondence: April-August, 1925
- 91 16 Correspondence: September, 1925
- 91 17 Correspondence: October, 1925
- 91 18 Correspondence: November, 1925
- 91 19 Correspondence: December, undated, 1925
- 91 20 Correspondence: 1926-1927
- 91 21 Bulletins: 1925
- 91 22 Miscellaneous Papers: 1925
- 92 1 List of Members. Sectioned Card File
- 92 2 "Active Members" and "Associate Members." Card File
- 93 1 List of Members: 1924-1925

- 93 2 Bank Statements: 1924
- 93 3 Bank Statements: 1925
- 93 4 Bills and Receipts: 1924 -1925
- 93 5 Check Book: 1924-1925
- 93 6 Ledger: 1924-1925

Chemical Warfare

- 94 1 Miscellaneous Papers: 1918
- 94 2 Miscellaneous Papers: 1919
- 94 3 Miscellaneous Papers: 1920
- 94 4 Miscellaneous Papers: 1921
- 94 5 Miscellaneous Papers: 1922-1923
- 94 6 Miscellaneous Papers: 1924-1925
- 95 1 Miscellaneous Papers: 1926-1929, 1931
- 95 2 Miscellaneous Papers: undated
- 95 3 Reorganization of the Army. Legislation; Congressional Hearings; Senate Committee Print: 1919-1920
- 95 4 War Department Appropriations and Expenditures. Congressional Report; Legislation: 1921

Series 7

Medicine and health, 1918-1938

Boxes 96-100

Scope and Content Note

From 1918 to 1931, Herty was actively involved in bringing to public attention the need for more fundamental and cooperative research in medicine and chemistry. He called in 1918 for the establishment of an institute, along the lines of the Mellon Institute, for the thorough testing of medicinals through cooperative work by chemists, pharmacologists, biologists, and other scientists. Such an institute would also be a means of improving the research capabilities of American drug manufacturers by providing fellowships for work on specific problems.

A symposium on chemistry and medicine sponsored by the New York Section of the American Chemical Society (ACS), November 8, 1918, led to the appointment in 1919 of an ACS committee to investigate the possibilities for an institute for drug research. Herty chaired the committee throughout its existence (1919-1931). In 1921 the name of the committee was changed from ACS Committee on an Institute for Drug Research to ACS Committee on an Institute for Chemo-Medical Research. The change reflected the now broader interest of the committee in an institute for cooperative research on problems of medicine and health.

A nationally syndicated interview in 1919 brought Herty's work to the attention of Francis P. Garvan, president of the Chemical Foundation, Inc. In 1920 the Chemical Foundation agreed to help finance the work of the committee. It published the 1921 committee report, *The Future Independence and Progress of American Medicine in the Age of Chemistry*, and provided mass distribution of this report and other related literature.

In 1926 Senator Joseph Ransdell (Louisiana) became interested in the work of the committee. Senator Ransdell introduced a bill (S.4540) on July 1, 1926, to establish a National Institute of Health. From 1926 through 1930 Herty and the Chemical Foundation, with the support of the ACS committee, carried on a public education campaign through speeches, articles and the distribution of literature. In 1930 the bill became law. The ACS committee was discharged in 1931.

In 1931 Herty was appointed a member of the Conference Board of the National Institute of Health (NIH). This board was set up in 1931 as an unofficial public relations organization for the NIH. Senator Ransdell was the executive director. In 1933 Herty became a trustee of the National Health Foundation, a short-lived venture intended to take over the work of the financially crippled Conference Board. Both organizations ended in 1933.

Herty had little involvement with the field of health and medicine after 1933. In 1937 and 1938 he served as a member of the honorary advisory board of the Women's Field Army of the American Society for the Control of Cancer in the State of Georgia.

The files in this series deal with the formation and activities of the ACS Committee on an Institute for Chemo-Medical Research. Most of the correspondence is with committee members: Dr. John J. Abel, Department of Pharmacology, Johns Hopkins University; Dr. Raymond F. Bacon, Director, Mellon Institute for Industrial Research; Dr. F. R. Eldred, Chief Chemist, Eli Lilly and Company; Dr. Reid Hunt, Harvard Medical School; Dr. Treat B. Johnson, Department of Chemistry, Yale University; Dr. P. A. Levene, Rockefeller Institute for Medical Research

[resigned from committee in November, 1920]; Dr. F. O. Taylor, Chief Chemist, Parke, Davis & Company; Dr. Carl L. Alsberg, Chief, U. S. Bureau of Chemistry [replaced Levene, 1921]; and Dr. Julius Steiglitz, Department of Chemistry, University of Chicago [member of committee beginning April, 1920]

Other less frequent correspondents include: Dr. H. V. Arny, Department of Chemistry, University of Chicago; H. A. B. Dunning, Director of Research, Hynson, Westcott and Dunning Pharmaceutical Laboratory; Dr. M. S. Fine, Calco Chemical Company; Dr. John M. Francis, Parke, Davis & Company; Dr. A. S. Loevenhart, Chief of Pharmacological and Toxicological Section of the Chemical Warfare Service; Dr. Atherton Seidell, U. S. Hygienic Laboratory; Harvey Watts, associate editor, *Public Ledger*; and Dr. E. R. Weidlein, Director, Mellon Institute of Industrial Research.

After 1919 there is some correspondence with Francis P. Garvan and other officers of the Chemical Foundation, Inc. Correspondence beginning in 1920, when the Chemical Foundation, Inc., agreed to help finance the committee's work, concerns the preparation and distribution of the report, funded by the Chemical Foundation, *The Future Independence and Progress of Chemistry* (1921). The Chemical Foundation also provided mass distribution for a later book edited by Dr. Steiglitz, *Chemistry in Medicine*.

The report stirred up some outside interest in a government-funded institute. The committee still favored a private endowment plan. However, in 1926, the committee threw its weight behind Senator Ransdell's legislation for a National Institute of Health, and from 1926 through 1930 it cooperated with the Senator. The NIH was established in 1930 when the Ransdell bill (S. 1171) was signed into law.

Other folders concern Herty's efforts from 1926 through 1930 to ensure the passage of Senator Joseph Ransdell's legislation to create a National Institute of Health. There is correspondence about the U. S. Public Health Service administrative reform bills introduced by Representative James S. Parker during these four years, as they bear on Ransdell's legislation.

Most of the correspondence is with Senator Ransdell (approximately 450 items). There is very little correspondence with Representative Parker (5 items, 1929-1930). From 1928 through 1930, Herty was in frequent contact with Miss Mildred E. Reeves, secretary to Representative Nicholas Longworth (Ohio), about the progress of legislation in the House. There is some correspondence with Surgeon General Hugh S. Cumming and other officers of the U. S. Public Health Service: Dr. H. W. Kerr, Dr. C. C. Pierce, Dr. Thomas Parren, Jr., and Dr. Claude S. Hudson.

Other correspondents include: Mrs. Florence Fabre-Rajotte; Dr. John H. Finley of the *New York Times*; Franklin W. Hobbs; Dr. John Harvey Kellogg (1928); Dr. W. W. Kerr (1928); and David Wesson (1928). There is scattered correspondence with: Dr. John J. Abel; Dr. H. E. Barnard; Senator Royal S. Copeland (1928-1929); Dr. Simon Flexner, Director, Rockefeller Institute for Medical Research (1928); Chester Gray, American Farm Bureau (1928); Dr. Reid Hunt; Dr. Treat B. Johnson; August Merz (1928); Dr. Robert Millikan (1928); and Dr. Julius Steiglitz.

Related material can be found in the following series: Series 3: American Chemical Society; Series 6: Industrial Progress and National Defense; Series 10: Educational Work; and Series 11: Associations and Organizations.

American Chemical Society Committee on Institute for Chemo-Medical Research

Box	Folder	Content
96	1	Proposed National Institute for Drug Research. Correspondence: 1918
96	2	ACS Committee on Institute for Drug Research. Correspondence: January-February, 1919
96	3	ACS Committee on Institute for Drug Research. Correspondence: March-December, 1919
96	4	ACS Committee on Institute for Drug Research. Correspondence: 1920
96	5	ACS Committee on Institute for Chemo-Medical Research. Correspondence: January-April, 1921
96	6	ACS Committee on Institute for Chemo-Medical Research. Correspondence: May-December, 1921
96	7	ACS Committee on Institute for Chemo-Medical Research. Correspondence: 1922
96	8	ACS Committee on Institute for Chemo-Medical Research. Correspondence: 1923-1924
96	9	ACS Committee on Institute for Chemo-Medical Research. Correspondence: 1925-1926
96	10	ACS Committee on Institute for Chemo-Medical Research. Correspondence: 1927-1931
96	1	Preliminary Reports of ACS Committee on Institute for Chemo-Medical Research: 1920 -1921
96	2	Report of ACS Committee on Institute for Chemo-Medical Research: July, 1921

National Institute of Health

97	3	Correspondence: 1926
97	4	Correspondence: January-April, 1927
97	5	Correspondence: May-December, 1927
97	6	Correspondence: January-February, 1928
97	7	Correspondence: March-April, 1928
97	8	Correspondence: May-August, 1928
97	9	Correspondence: September-December, undated, 1928
98	1	Correspondence: January-February, 1929
98	2	Correspondence: March-April, 1929
98	3	Correspondence: May-December, undated, 1929
98	4	Correspondence: 1930
98	5	Conference Board of the National Institute of Health. Correspondence: 1931
98	6	Conference Board of the National Institute of Health. Correspondence: 1932-1933
98	7	National Institute of Health. Correspondence: 1934-1935, 1938
98	8	U. S. Public Health Service and National Institute of Health. Miscellaneous Papers: 1918, 1925-1927

- 98 9 U. S. Public Health Service and National Institute of Health. Miscellaneous Papers: 1928
- 98 10 U. S. Public Health Service and National Institute of Health. Miscellaneous Papers: 1929-1932

Miscellaneous Medicine and Health papers

- 99 1 General Correspondence: 1919, 1922-1926
- 99 2 General Correspondence: 1927-1928
- 99 3 General Correspondence: 1929-1931, 1935-1936
- 99 4 Albany Medical College. Correspondence: 1929-1930; Includes correspondence with Dr. W. R. Whitney, director, research lab, General Electric Co., who was trying to interest Herty and the Chemical Foundation, Inc. in funding a central medical research institute in Albany.
- 99 5 Howard W. Ambruster. Correspondence and Other Papers: 1929, 1932, 1937; Correspondence about suit filed by Ambruster against U. S. Secretary of Agriculture and Secretary of Treasury for illegal importation in the U. S. of adulterated ergot; concerns Ambruster's unsuccessful efforts to secure backing from F. P. Garvan and Chemical Foundation.
- 99 6 American Association for Medical Progress, Inc. Correspondence: 1925-1928
- 99 7 American Medical Association. Correspondence: 1918, 1922-1923, 1927-1928. Includes correspondence (1922) with Dr. Wendell C. Phillips about ACS committee report; also, correspondence (1927-1928) with Dr. William C. Woodward, executive secretary, Bureau of Legal Medicine and Legislation and with Dr. Morris Fishbein, editor of Journal of the American Medical Association, about AMA support for Ransdell bill (S.5835)
- 99 8 American Mission to Lepers. Correspondence: 1932; Correspondence with mission officers about luncheon for Senator Ransdell.
- 99 9 American Pharmaceutical Association. Correspondence: 1927-1929; Correspondence about support for Ransdell bill (S.5835).
- 99 10 American Pharmaceutical Manufacturers' Association. Correspondence: 1927-1929, 1938; From 1927-1928, Herty served on the Prior Rights Board of the Association, a committee to screen new ideas in pharmacy.
- 99 11 American Public Health Association. Correspondence: 1927-1928; Correspondence with Dr. Homer N. Calver, executive secretary, and Dr. W. W. Peter, associate secretary, about proposed National Institute of Health and support for Ransdell Bill.
- 99 12 Athens (Ga.) Child Health Demonstration. Correspondence: 1928
- 99 13 Cancer. Correspondence: 1927-1928, 1930-1931
- 99 14 Cancer Research Laboratory of the Graduate School of Medicine, University of Pennsylvania. Correspondence: 1926-1929; Correspondence with Dr. Ellice McDonald about the effectiveness of cooperative research on medical problems, and (1929) concerning her interest in obtaining funds from the Chemical Foundation for promotion of cancer research.

- 99 15 Cigarette Smoking; Carbon Monoxide Poisoning. Correspondence: 1927
- 99 16 Commission on Standardization of Biological Stains. Correspondence: 1921-1922, 1926-1928; Concerns interest of Herty and Chemical Foundation in biological stain research; correspondence with chairman, Dr. H. H. Conn.
- 99 17 Committee of One Hundred of the American Association for the Advancement of Science, On National Health. Correspondence: 1908, 1910
- 99 18 Common Cold. Correspondence: 1926-1927
- 99 19 Cornell University Medical College. Laboratory of Experimental Therapeutics. Correspondence: 1928-1930, 1932; Correspondence with Dr. John W. Churchman, director, about his laboratory work; about the Ransdell legislation for National Institute of Health; and about the book Churchman was preparing for the Chemical Foundation on the use of aniline dyes in medicine.
- 99 20 Cornell University Medical College. Laboratory of Experimental Therapeutics. Reports: 1929
- 100 1 Friends of Medical Progress, Inc. Correspondence: 1924
- 100 2 Gorgas Memorial Institute of Tropical and Preventive Medicine. Correspondence: 1925
- 100 3 Insurance Companies. Correspondence: 1922, 1925-1928; Correspondence about support of Ransdell bill for a National Institute of Health.
- 100 4 Dr. William J. Mayo. Correspondence: 1918, 1925, 1928-1929, 1933.
- 100 5 New York Academy of Medicine. Correspondence: 1925, 1930; Includes correspondence (1930) with Dr. E. H. L. Corwin, executive secretary, about supporting Ransdell legislation.
- 100 6 Public Health Reserve Corps. Correspondence: 1925
- 100 7 Thomas Henry Simpson Memorial Institute. Correspondence: 1921, 1927.
- 100 8 Society for Experimental Biology and Medicine. Correspondence; 1927-1928; Correspondence with Dr. A. J. Goldfarb, secretary, about support for Ransdell legislation.
- 100 9 Dr. William Thalhimer. Correspondence: 1926-1927, 1929; Correspondence with Thalhimer about application of scientific research to clinical problems; about Thalhimer's pathology laboratory at Columbia Hospital, Milwaukee.
- 100 10 Tuberculosis Research. Correspondence: 1925-1926, 1928-1930, undated; Correspondence with Dr. Treat B. Johnson about his research at Yale University on carbohydrate chemistry of tubercle bacilli, and about endowments by H. A. Metz and Chemical Foundation for this work.
- 100 11 United States Civil Service Commission. Correspondence: 1927-1928; Herty was member of Commission's committee to act in matter of selection of a professor of chemistry in the Hygienic Laboratory of the U. S. Public Health Service.
- 100 12 Women's Field Army of the American Society for the Control of Cancer in the State of Georgia. Correspondence: 1937-1938
- 100 13 Miscellaneous Health Legislation. Hearings and Reports: 1918, 1924-1925
- 100 14 Miscellaneous Papers: 1921-1922, 1926-1930, 1938

Series 8**The Chemical Foundation, Inc. and Francis P. Garvin, 1919-1937****Boxes 101-103****Scope and Content Note**

An American synthetic organic chemical industry existed on a very limited scale before the first world war. German chemical interests enjoyed a monopoly especially on coal-tar products. This monopoly was painfully evident during the war years. The United States government joined with American chemical manufacturers in an effort to break the economic stranglehold. The Trading With The Enemy Act of October 6, 1917, and its amendments allowed the U. S. Alien Property Custodian to break up German chemical concerns in the United States. The custodian could seize their property and issue licenses to American manufacturers for the use of enemy-owned patents.

In order to expedite this process the Chemical Foundation, Inc. was established in 1919 to put the German chemical patents in trust for the entire American industry. The Foundation purchased the seized patents from the Alien Property Custodian with \$250,000 furnished by American chemical interests. The Foundation was eventually intended to serve as a research center. After the preferred stock was redeemed, the free net earnings of the Foundation were to be used to develop and encourage scientific research. Francis P. Garvan, the Alien Property Custodian, became president of the Chemical Foundation.

From 1919 until Garvan's death in 1937, Herty and Garvan, as president of the Foundation, worked together on many aspects of American chemistry. In the 1920's they fought to establish an independent American synthetic organic chemical industry, and they played an important role in the creation of a National Institute of Health. In the 1930's the Chemical Foundation funded Herty's cellulose research which led to a Southern newsprint paper industry. Garvan and Herty were founding members of the Farm Chemurgic Council which encouraged the development of industrial uses for agricultural products.

During both of these decades they carried out an educational campaign to encourage interest in chemistry and to show to the American public the importance of chemistry in everyday life. The Chemical Foundation provided mass distribution, on a national scale, of relevant literature. Herty served as advisor to the Chemical Foundation during the years 1926-1928.

The first section of the series contains 1918 correspondence about activities of the Alien Property Custodian, at that time A. Mitchell Palmer. Herty criticized the Custodian's management of the Bayer Company in the United States. The remainder of the series contain Chemical Foundation general correspondence, much of it relates to the establishment of an American coal-tar dye industry, and miscellaneous papers concerning the Foundation. The last section contains papers about various honorary dinners for Garvan and also miscellaneous papers concerning Garvan.

Most of Herty's correspondence with Garvan and the Chemical Foundation is arranged according to subject in the other series. More detailed accounts of these activities are in the series descriptions.

Related material can be found in the following series: Series 2: Academic Career, Life at Chapel Hill, Episcopal Church; Series 4: Naval Stores, Forestry, Paper and Pulp; Series 5: Agriculture and Natural Resources; Series 6: Industrial Progress and National Defense; Series 7: Medicine

and Health; Series 10: Educational Work; Series 11: Associations and Organizations; and Series 15: Photographs.

Alien Property Custodian

Box	Folder	Content
101	1	Correspondence: 1918

Chemical Foundation

101	2	General Correspondence: 1919-1920
101	3	General Correspondence: 1921
101	4	General Correspondence: 1922
101	5	General Correspondence: 1923-1924
101	6	General Correspondence: 1925-1926
101	7	General Correspondence: January-April, 1927
101	8	General Correspondence: May-August 1927
101	9	General Correspondence: September-December, 1927
101	10	General Correspondence: January-July, 1928
101	11	General Correspondence: August-December, 1928
102	1	General Correspondence: 1929
102	2	General Correspondence: 1930-1932
102	3	General Correspondence: 1933-1937
102	4	Bulletins: 1920-1921
102	5	<i>The Deserted Village</i> . Nos. 2, 3, 6, 9, 11, 12
102	6	Miscellaneous Papers: 1919, 1921-1922
102	7	Miscellaneous Papers: 1924; 1926; 1930; 1935

Francis P. Garvan. Miscellaneous Papers

103	1	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: February-March, 1924
103	2	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: April 1-5, 1924
103	3	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: April 7-14, 1924
103	4	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: April 15-22, 1924
103	5	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: April 23-30, 1924
103	6	Waldorf-Astoria Testimonial Dinner for Garvan. Correspondence: May-October, undated, 1924
103	7	Algonquin Club Dinner for Garvan. Correspondence: 1924
103	8	Boston Chamber of Commerce Luncheon Address by Garvan. Correspondence: 1924

103 9 Francis P. Garvan. Miscellaneous Papers: 1919; 1921; 1924; 1927; 1929; 1932;
undated

Series 9

Industrial consultant work, 1914-1938

Boxes 104-109 and OP2

Scope and Content Note

In 1928, Herty resigned from the Chemical Foundation, Inc., to open a New York office as an industrial consultant. He wanted to encourage financial investments in existing southern industries and to develop industrial markets for southern agricultural products such as peanuts, flax and southern pines, and natural resources like Mud Lake in Florida. He also saw the potential of quick freezing methods to increase the market for southern fruits and vegetables. Most of his consulting work was done during the years 1928-1931. By 1932 he was committed to pine pulp research at the Savannah Pulp and Paper Laboratory, and in 1933 he reduced the size of his New York office. In 1935 he closed the office.

The series contains general correspondence, correspondence with state organizations, chambers of commerce, some correspondence with power companies, and Herty's letter files of southern timber lands available for industrial development. The next section concerns individual clients. These included, among others, the Industrial Committee of Savannah, the Timber Products Company of Cogdell, Georgia (in which Herty invested financially), and the Tom Huston Peanut Company. Herty corresponded extensively with George Rommel of the Industrial Committee of Savannah and with Alex Sessoms of the Timber Products Company.

Another section relates to various southern railroads. Herty cooperated with industrial agents and development services of these railroads to promote industry in the South. Much of the correspondence is with J. M. Mallory, a general industrial agent of the Central of Georgia Railway Company; with Poole Maynard, an industrial geologist for the Atlanta, Birmingham and Coast Railroad Company; and to a lesser extent, with R. F. Montsalvatge of the Seaboard Air Line Railway Company. The series also contains general correspondence about industrial development in Alabama, Georgia, Louisiana, North Carolina, and Virginia and miscellaneous papers concerning southern agricultural and industrial development.

Related material can be found in the following series: Series 1: General Correspondence; Series 12: Personal Papers, Mementoes and Memorabilia; and Series 15: Photographs.

General Correspondence and Papers, 1928-1935

Box	Folder	Content
104	1	General Correspondence: 1928-1929
104	2	General Correspondence: 1930
104	3	General Correspondence: 1931
104	4	State Organizations. Correspondence: 1930-1931
104	5	Chambers of Commerce. Correspondence: 1930-1931
104	6	Power Company Developments. Correspondence: 1929-1931
104	7	Timber Lands Available. Correspondence: 1929-1930
104	8	Timber Lands Available. Correspondence: 1931-1933, 1935

Clients. Correspondence and Papers

- OP2 - Georgia State Forestry Association. Blueprint of proposed experimental pulp and paper plant, September 1931
- 104 9 Industrial Committee of Savannah. Correspondence: 1928
- 104 10 Industrial Committee of Savannah. January-June, 1929
- 104 11 Industrial Committee of Savannah. July-December, undated, 1929
- 104 12 Industrial Committee of Savannah. January-March, 1930
- 104 13 Industrial Committee of Savannah. April-December, 1930
- 104 14 Industrial Committee of Savannah. 1931
- 104 15 Industrial Committee of Savannah. Reports: 1929-1930
- 105 1 Industrial Committee of Savannah. Reports: 1931
- 105 2 Industrial Committee of Savannah. Miscellaneous Papers: 1933
- OP2 - Industrial Committee of Savannah. Map of Industrial Sections of Savannah, February 1928
- OP2 - Industrial Committee of Savannah. Map of Industrial Locations, Savannah, 1931
- OP2 - Industrial Committee of Savannah. Map of Kaolin, Bauxite, and Refractory Clay Deposits, Wilkinson County, Georgia, Central Georgia Railway Co., undated
- 105 3 Timber Products Company. Correspondence: 1927-1928
- 105 4 Timber Products Company. Correspondence: 1929
- 105 5 Timber Products Company. Correspondence: 1930
- 105 6 Timber Products Company. Correspondence: 1931-1938, undated
- 105 7 Timber Products Company. Financial Papers: 1926-1927
- 105 8 Timber Products Company. 1928-1931
- 105 9 Timber Products Company. 1932-1934
- 105 10 Timber Products Company. 1935-1936
- 105 11 Timber Products Company. 1937-1938
- 105 12 Huston Porter. Correspondence: 1928-1932
- 106 1 Roessler and Hasslacher Chemical Company. Correspondence: 1928-1929
- 106 2 Roessler and Hasslacher Chemical Company. Correspondence: 1930
- 106 3 Alabama By-Products Corporation. Correspondence: 1930-1931
- 106 4 Alabama Polytechnic Institute. Correspondence: 1929-1931
- 106 5 W. D. Mount. Correspondence: 1927, 1929
- 106 6 W. D. Mount. Correspondence: February-July, 1930
- 106 7 W. D. Mount. Correspondence: August-September, 1930
- 106 8 W. D. Mount. Correspondence: October-December, 1930
- 106 9 W. D. Mount. Correspondence: January-March, 1931
- 106 10 W. D. Mount. Correspondence: April-December, 1931
- 106 11 W. D. Mount. Correspondence: 1932
- 106 12 Cummer Lumber Company and Mud Lake, Florida. Correspondence: 1929-1930
- 106 13 Tom Huston Peanut Company. Correspondence: 1930
- 106 14 Tom Huston Peanut Company. January-June, 1931

- 106 15 Tom Huston Peanut Company. July-August, 1931
- 106 16 Tom Huston Peanut Company. September-December, undated, 1931
- 107 1 Tom Huston Peanut Company. 1932-1933, 1935
- 107 2 Tom Huston Peanut Company. Miscellaneous Papers: 1930, undated
- 107 3 Peanuts, Cashews and Pecans. Miscellaneous Papers: 1926-1927, 1929-1932
- 107 4 Tom Huston Frozen Foods, Inc. Correspondence: 1930-1931

Railroads. Papers

- 107 5 American Railway Development Association. Correspondence: 1921
- 107 6 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1917, 1919-1922, 1925-1926
- 107 7 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1927-1929
- 107 8 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1930
- 107 9 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1931
- 108 1 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1932-1933
- 108 2 J. M. Mallory, Central of Georgia Railway Company. Correspondence: 1935-1937
- 108 3 Poole Maynard, Atlanta, Birmingham and Coast Railroad Company. Correspondence: 1922, 1928-1929
- 108 4 Poole Maynard, Atlanta, Birmingham and Coast Railroad Company. Correspondence: 1930-1931
- 108 5 Poole Maynard. Miscellaneous Papers: undated
- 108 6 Atlantic Coast Line Railroad Company. Correspondence: 1927-1930
- 108 7 R. F. Montsalvatge, Seaboard Air Line Railway Company. Correspondence: 1927-1931
- 108 8 Southern Railway System. Correspondence: 1929-1931

Southern States. General Correspondence and Papers

- 108 9 Alabama. General Correspondence: 1929
- 108 10 Georgia. General Correspondence: 1927-1931
- 108 11 Georgia. Miscellaneous Papers
- 108 12 Louisiana. General Correspondence: 1929
- 108 13 North Carolina. General Correspondence: 1929
- 108 14 Virginia. General Correspondence: 1929
- 108 15 Southern Agricultural and Industrial Development. Miscellaneous Papers: 1914-1916, 1920, 1931
- 109 1 Industrial Survey of Territory Served by the Tennessee Electric Power Company, Chattanooga, Tennessee: September 15, 1927

Series 10
Educational work, 1901-1938
Boxes 110-114

Scope and Content Note

For twenty-three years (1915-1938) Herty was an ardent publicist for chemistry and the American chemical industry. He made appearances all over the country before academic institutions and other organizations stressing the need for protection for American chemical industry; the relation of chemistry to national defense; the development of Southern chemical resources; cooperation between universities and industries; the need to improve the quality of chemical education; and, always, the relationship of chemistry to everyday life.

The first section of the series includes correspondence with colleges and universities about Herty's appearances, about renovating the chemical curriculum, securing financial aid for the institutions, and accepting honors and awards. Herty received a Doctor of Chemistry degree from the University of Pittsburgh (1917); Sc.D. from Colgate University (1918); LL.D. from the University of Georgia (1928); LL.D. from the University of North Carolina (1934); Sc.D. from Oglethorpe University (1934); Sc.D. from the University of Florida (1937); and LL.D. from Duke University (1938).

The next large section contains correspondence about Herty's addresses promoting chemistry before other organizations and associations, and about honors and awards he received from these groups. The series also includes correspondence about the American Chemical Society (ACS) Committee on Prize Essays and the ACS Division of Chemical Education and *Journal of Chemical Education*. Herty served on the ACS Prize Essay Committee 1923-1931. The committee sponsored state essay contests to encourage an interest in chemistry among high-school and normal school students, college freshmen, and teachers' college students. The committee work was financed by a gift from Mr. and Mrs. Francis P. Garvan. There is correspondence with the Chemical Foundation, Inc. The Division of Chemical Education and *Journal of Chemical Education* correspondence concerns funding provided for the journal by the Chemical Foundation; much of the correspondence is between ACS officers and representatives of the Chemical Foundation.

The remaining material consists of correspondence with the *Manufacturers Record (MR)*. This long association (1901-1932) began with the journal's awareness of Herty's work for the preservation of southern forestry interests. In 1916 Herty cooperated with *MR* in its publication of a special issue (September, 1916) devoted to chemical developments and the chemical potentialities of the South. Encouraged by Herty, in 1916 *MR* began to campaign editorially for a self-contained American coal-tar dye industry. From 1916 through 1932 *MR* and Herty stressed the same themes, including: platinum conservation as a national defense measure; tariff protection for the American chemical industry; the dangers to American industry of foreign loans; and, especially, the development of southern chemical resources. Herty contributed articles to the journal and was often consulted about chemical matters. Correspondence is with Richard H. Edmonds, editor and general manager, and other members of the *MR* staff. In a December 16, 1926, editorial, "Why Not a Southern Business Man For President?," Edmonds suggested Herty for the Presidency of the United States.

Related material can be found in the following series: Series 2: Academic Career, Life at Chapel Hill, and Episcopal Church; Series 3: American Chemical Society; Series 6: Industrial Progress and National Defense; Series 9: Industrial Consultant Work; and Series 15: Photographs.

Colleges and Universities

Box	Folder	Content
110	1	Agnes Scott College. Correspondence: 1930
110	2	Bowdoin College. Correspondence: 1930-1931
110	3	Brooklyn Institute of Arts and Sciences. Correspondence: 1933
110	4	Brown University. Correspondence: 1923
110	5	Bucknell University. Correspondence: 1933
110	6	Carnegie Institute of Technology. Correspondence: 1915, 1920, 1928
110	7	Case School of Applied Science. Correspondence: 1926-1927, 1929-1930
110	8	Colgate University. Correspondence: 1915, 1917-1918, 1920, 1923, 1930, 1932, 1937
110	9	College of the City of New York. Correspondence: 1917-1920, 1923, 1925-1928, 1933, 1937
110	10	Columbia University. Correspondence: 1917, 1919, 1923
110	11	Connecticut College. Correspondence: 1937
110	12	Cooper Union. Correspondence: 1921, 1929
110	13	Cornell University. Correspondence: 1915-1916, 1924, 1928, 1934
110	14	Cumberland University. Correspondence and University publications: 1929-1930, 1932, 1937
110	15	Dartmouth College. Correspondence: 1921
110	16	Davidson College. Correspondence: 1921, 1933
110	17	Drexel Institute. Correspondence: 1921, 1923, 1927-1930
110	18	Duke University. Correspondence: 1937-1938
110	19	Emory University (includes Emory College). Correspondence: 1916, 1920, 1929-1930
110	20	Georgia Military College. Correspondence: 1934, 1937
110	21	Georgia School of Technology. Correspondence: 1901, 1905-1907, 1915, 1917, 1924, 1926, 1928, 1930-1932
110	22	Georgia State College for Women. Correspondence: 1932, 1934-1938; Includes correspondence about the Herty Medal awarded annually since 1933 by the College and the ACS Georgia Section. Herty was given the award in 1934.
110	23	Georgia State Teachers College. Correspondence: 1930
110	24	Harvard University. Correspondence: 1924, 1926, 1928
110	25	Haverford College. Correspondence: 1928
110	26	Howard College. Correspondence: 1928
110	27	Hunter College. Correspondence: 1918, 1928-1929
110	28	Lafayette College. Correspondence: 1915, 1924, 1927-1928

- 110 29 Laurinburg Normal and Industrial Institute. Correspondence: 1925
- 110 30 Lehigh University. Correspondence: 1928
- 110 31 Massachusetts Agricultural College. Correspondence: 1928
- 110 32 Massachusetts Institute of Technology. Correspondence: 1916-1917, 1920-1921, 1923-1929
- 110 33 Medical College of Virginia. Correspondence: 1927-1930, 1937; Includes some correspondence about ACS Virginia Section.
- 110 34 Morehouse College. Correspondence: 1929
- 110 35 Mount Holyoke College. Correspondence: 1918, 1927-1931, 1933
- 110 36 New York University. Correspondence: 1926-1928
- 110 37 North Carolina College of Agriculture and Mechanic Arts. Correspondence: 1914, 1917
- 110 38 Oberlin College. Correspondence: 1927-1928, 1930, 1936
- 110 39 Oglethorpe University. Correspondence: 1934-1938
- 110 40 Ohio State University. Correspondence: 1928
- 111 1 Pennsylvania State College. Correspondence: 1921, 1928, 1932
- 111 2 Philadelphia College of Pharmacy and Science. Correspondence: 1921
- 111 3 Polytechnic Institute. Correspondence: 1920, 1932
- 111 4 Pratt Institute. Correspondence: 1917, 1934
- 111 5 Princeton University. Correspondence: 1914-1915, 1917, 1920, 1924, 1927-1929
- 111 6 Purdue University. Correspondence: 1931
- 111 7 Rensselaer Polytechnic Institute. Correspondence: 1928, 1935
- 111 8 Rollins College. Correspondence: 1929-1930
- 111 9 Rose Polytechnic Institute. Correspondence: 1934-1935
- 111 10 Rutgers University. Correspondence: 1929-1930, 1933
- 111 11 Shorter College. Correspondence: 1916, 1930
- 111 12 South Georgia Teacher's College. Correspondence: 1930, 1933, 1935, 1937; A bronze tablet marking the spot where Herty began his turpentine experiments was unveiled at the college on April 15, 1935.
- 111 13 Spelman College. Correspondence: 1929
- 111 14 Stanford University. Correspondence: 1922, 1926-1927
- 111 15 Stevens Institute of Technology. Correspondence: 1921, 1930
- 111 16 Syracuse University. Correspondence: 1930
- 111 17 Trinity College. Correspondence: 1926-1927
- 111 18 Tufts College. Correspondence: 1915
- 111 19 Tulane University. Correspondence: 1915
- 111 20 Tuskegee Normal and Industrial Institute. Correspondence: 1937
- 111 21 Union College. Correspondence: 1928
- 111 22 University of Akron. Correspondence: 1934
- 111 23 University of Chattanooga. Correspondence: 1934-1936

- 111 24 University of Chicago. Correspondence: 1929
- 111 25 University of Cincinnati. Correspondence: 1914, 1917, 1919, 1926
- 111 26 University of Florida. Correspondence: 1931, 1937-1938
- 111 27 University of Illinois. Correspondence: 1931
- 111 28 University of Maine. Correspondence: 1927
- 111 29 University of Maryland. Correspondence: 1927
- 111 30 University of Minnesota. Correspondence: 1928
- 111 31 University of Mississippi. Correspondence: 1920, 1930
- 111 32 University of Notre Dame. Correspondence: 1937
- 111 33 University of Pennsylvania. Correspondence: 1922, 1935-1938
- 111 34 University of Pittsburgh. Correspondence: 1915, 1917 -1918, 1921, 1923, 1930
- 111 35 University of Richmond. Correspondence: 1927
- 111 36 University of Tampa. Correspondence: 1938
- 111 37 University of Virginia. Correspondence: 1915-1919, 1921-1922, 1927-1929,
1931
- 111 38 Vanderbilt University. Correspondence: 1936
- 111 39 Vassar College. Correspondence: 1932 -1933
- 111 40 Virginia Polytechnic Institute. Correspondence: 1917, 1930
- 111 41 Wellesley College. Correspondence: 1919, 1927-1930
- 111 42 Wesleyan College. Correspondence: 1930, 1938
- 111 43 Wesleyan University. Correspondence: 1928
- 111 44 West Georgia College. Correspondence: 1937
- 111 45 West Virginia University. Correspondence: 1928, 1938
- 111 46 Wittenberg College. Correspondence: 1927
- 111 47 Worcester Polytechnic Institute. Correspondence: 1915, 1925-1926, 1928, 1934,
1936
- 111 48 Yale University. Correspondence: 1918 -1919, 1921-1922, 1926-1930

Associations and Organizations

- 112 1 American Association for Adult Education. Correspondence: 1934
- 112 2 American Drug Manufacturers Association. Correspondence: 1917-1921;
Program: 1926
- 112 3 Associated Industries of Massachusetts. Correspondence: 1927-1928
- 112 4 Association of Southern Agricultural Workers. Correspondence: 1930-1931
- 112 5 Atlanta Rotary Club. Correspondence: 1934
- 112 6 Atlanta School Tree Planting. Correspondence: 1933
- 112 7 Atlanta Women's Club. Correspondence: 1934
- 112 8 Boston Rotary Club. Correspondence: 1917, 1919
- 112 9 Central Council of the Savannah Women's Federation. Correspondence: 1935
- 112 10 Charleston Rotary Club. Correspondence: 1928

- 112 11 Chemistry Teachers' Club of New York City. Correspondence: 1921
- 112 12 The City Club. Correspondence: 1928
- 112 13 The Country Bankers Association of Georgia. Correspondence: 1930
- 112 14 The Engineering Foundation. Correspondence: 1927-1931
- 112 15 The Engineering Foundation. Program: 1915
- 112 16 Federated Women's Clubs of the State of New York. Correspondence: 1937
- 112 17 The Fireside Club. Correspondence: 1928
- 112 18 First District Press Association (Statesboro, Georgia). Correspondence: 1931
- 112 19 Garden Club of Georgia. Correspondence: 1932-1936, undated
- 112 20 General Federation of Women's Clubs. Correspondence: 1929
- 112 21 Harmon Foundation and Commission on Race Relations. Correspondence: 1930
- 112 22 "Herty Day" in Milledgeville (Georgia). Correspondence: 1933-1934; A marker designating Herty's birthplace was unveiled at Milledgeville on January 25, 1934.
- 112 23 Interstate Council of the National Conference of Jewish Women. Correspondence: 1929
- 112 24 Inter-Urban Conference at Eastman (Georgia). Correspondence: 1938
- 112 25 Lawyers Club of Atlanta. Correspondence: 1938
- 112 26 Macon Rotary Club. Correspondence: 1937-1938
- 112 27 Macon School Tree Planting. Correspondence: 1933
- 112 28 Massachusetts State Federation of Women's Clubs. Correspondence: 1929
- 112 29 Mess Club of the South Congregational Church. Correspondence: 1927
- 112 30 Milledgeville Chamber of Commerce. Correspondence: 1925-1926
- 112 31 Nassau Club. Correspondence: 1934
- 112 32 National Civic Federation. Correspondence: 1932
- 112 33 National Drainage Congress. Correspondence: 1929
- 112 34 National Industrial Conference Board. Correspondence: 1924, 1927-1928, 1931
- 112 35 National Industrial Conference Board. Miscellaneous Papers: 1923, 1926, 1928-1929, 1931
- 112 36 New England Association of Chemistry Teachers. Correspondence: 1926
- 112 37 New England Association of Chemistry Teachers. Reports: 1926, 1928
- 112 38 New England Conference of Credit Men. Correspondence: 1929
- 112 39 New Jersey Science Teachers' Association. Correspondence: 1918, 1921
- 112 40 New York Academy of Sciences. Correspondence: 1919
- 112 41 New York State Federation of Women's Clubs. Correspondence: 1921
- 112 42 Parent Teachers Meeting, Roselle High School, New Jersey. Correspondence: 1925
- 112 43 Pawtucket Business Men's Association. Correspondence: 1928
- 112 44 Pilot Club. Correspondence: 1934-1938
- 112 45 Plains School (Georgia). Correspondence: 1935-1936

- 112 46 Purchasing Agents' Association of New York. Correspondence: 1927
- 112 47 Robert Morris Associates. Correspondence: 1929
- 112 48 Mrs. Charles F. Robbins. Correspondence: 1927
- 112 49 Rotary Club of Chattanooga. Correspondence: 1936
- 112 50 Rotary Club of Savannah. Correspondence: 1938
- 112 51 St. Louis Association of Credit Men. Correspondence: 1920
- 112 52 Sanford Rotary Club. Correspondence: 1932
- 112 53 Savannah Business and Professional Women's Club. Correspondence: 1935
- 112 54 Southern Conference on Human Relations in Industry. Correspondence: 1937
- 112 55 Southern Economic Association. Correspondence: 1938
- 112 56 United Parents' Association of Greater New York Schools, Inc. Correspondence: 1927-1928
- 112 57 Valdosta Garden Club. Correspondence: 1935-1936
- 112 58 Wagner Free Institute of Science. Correspondence: 1917
- 112 59 Western Society of Engineers. Correspondence: 1930-1931
- 112 60 Wilmington Rotary Club. Correspondence: 1928-1929
- 112 61 Women's Republican Club of Massachusetts. Correspondence: 1929
- 112 62 Women's Republican Club of Massachusetts. Statecraft Institute Programs: 1929

American Chemical Society. ACS Committee on Prize Essays

- 113 1 ACS Committee on Prize Essays. Correspondence: 1923
- 113 2 ACS Committee on Prize Essays. 1924-1926
- 113 3 ACS Committee on Prize Essays. 1927
- 113 4 ACS Committee on Prize Essays. 1928-1929
- 113 5 ACS Committee on Prize Essays. 1930-1931
- 113 6 ACS Committee on Prize Essays. Miscellaneous Papers: 1923-1931, undated

American Chemical Society. ACS Division of Chemical Education and *Journal of Chemical Education*

- 113 7 ACS Division of Chemical Education and *Journal of Chemical Education*. Correspondence: 1921-1922, 1924-1926
- 113 8 ACS Division of Chemical Education and *Journal of Chemical Education*. Correspondence: January-July, 1927
- 113 9 ACS Division of Chemical Education and *Journal of Chemical Education*. Correspondence: August-December, undated, 1927
- 113 10 ACS Division of Chemical Education and *Journal of Chemical Education*. Correspondence: 1928-1932, 1934, undated
- 113 11 ACS Division of Chemical Education. Committee on Women's Club Study Courses. Correspondence: 1927-1929
- 113 12 *Journal of Chemical Education*. Miscellaneous Papers: 1924

Manufacturers Record. Correspondence

114	1	1901, 1905, 1907, 1911
114	2	January-August, 1916
114	3	September-December, 1916
114	4	1917-1918
114	5	1919-1921
114	6	1923-1924, 1926-1927
114	7	1928
114	8	1929-1932

Series 11
Associations and organizations, 1890-1938
Boxes 115-122

Scope and Content Note

This series contains papers relating to Herty's membership in professional, social, and academic associations and organizations. The groups include scientific and trade associations, greek letter societies, conferences and congresses, and other associations and organizations.

Related material can be found in the following series: Series 3: American Chemical Society; Series 4: Naval Stores, Forestry, Paper and Pulp; Subseries 6.1: Industrial progress - Synthetic Organic Chemical Manufacturers Association folders; Subseries 6.3: National Defense - United States Chemical Warfare Association folders; and Series 15: Photographs.

Scientific Associations

Box	Folder	Content
115	1	Alabama Academy of Science. Correspondence: 1932
115	2	American Academy of Arts and Sciences. C. M. Warren Fund. Correspondence: 1901-1902. Correspondence about C. M. Warren Fund grant (\$145) to Herty for research on platinum and allied metals.
115	3	American Association for the Advancement of Science. Section C. Correspondence: 1893, 1897, 1905-1906
115	4	American Association for the Advancement of Science. Section C. Correspondence: 1907-1908
115	5	American Association for the Advancement of Science. Section C. Correspondence: 1909-1911
115	6	American Association for the Advancement of Science. Section C. Correspondence: 1912
115	7	American Association for the Advancement of Science. Section C. Correspondence: 1918-1919, 1926-1928, 1931, 1933, 1936-1937
115	8	American Association for the Advancement of Science. Section C. Miscellaneous Papers: 1890, 1898, 1901-1906
115	9	American Association for the Advancement of Science. Section C. Miscellaneous Papers: 1907-1919, 1927-1929, undated
115	10	American Association for the Advancement of Science. Section C. Secretary's Minute Book: 1886-1911; Herty was Secretary of Section C (1908-1912). Most of the correspondence deals with his administrative duties during those years.
116	1	American Electrochemical Society. Correspondence: 1908, 1915-1924, 1926, 1928-1929, undated
116	2	American Institute of Chemical Engineers. Correspondence: 1920-1928
116	3	American Institute of Chemical Engineers. Correspondence: 1930-1931, 1933-1938
116	4	American Institute of Chemical Engineers. Miscellaneous Papers: 1922-1928

- 116 5 American Institute of Chemists. Correspondence: 1926.
- 116 6 American Institute of Chemists. Correspondence: 1927
- 116 7 American Institute of Chemists. Correspondence: 1928-1929
- 116 8 American Institute of Chemists. Correspondence: 1930-1931
- 116 9 American Institute of Chemists. Correspondence: 1932-1935, 1937, undated
- 116 10 American Institute of Chemists. Presentation of Medal to Dr. Herty.
Correspondence: January-April, 1932
- 116 11 American Institute of Chemists. Presentation of Medal to Dr. Herty.
Correspondence: May-June, 1932, Folders 10 and 11 include congratulatory
correspondence about award.
- 117 1 American Institute of Chemists. Council Meetings. Minutes: 1926-1930
- 117 2 American Institute of Chemists. Miscellaneous Papers: 1925-1932; Herty served
as Vice-President of the New York chapter of the American Institute of
Chemists (AIC) in 1926. He was a member of the Special Conclave Committee
(1926) and of the Committee on Nominations for Elective Offices (1929). He
was a councillor for two consecutive terms (1928-1930). In 1929, the AIC
awarded its annual medal to Mr. and Mrs. Francis P. Garvan. There is some
correspondence in 1929 with Chemical Foundation, Inc., officers about this. In
1932 the medal was awarded to Herty.
- 117 3 American Metric Association. Correspondence: 1920
- 117 4 American Metrological Society. Papers: 1906, 1910
- 117 5 American Society for Testing Materials. Correspondence: 1912, 1917. Herty was
requested to serve on a committee to draw up specifications for turpentine; he
was not a member of the society.
- 117 6 American Society of Mechanical Engineers. Correspondence: 1918, 1930
- 117 7 Chemical Society. Correspondence: 1906-1916, 1918, 1920, 1922, 1929-1930,
1934-1935, 1937-1938
- 117 8 Chemists' Club. Correspondence: 1907, 1910-1913
- 117 9 Chemists' Club. 1914-1917
- 117 10 Chemists' Club. 1918
- 117 11 Chemists' Club. 1919-1920
- 117 12 Chemists' Club. 1921-1925
- 117 13 Chemists' Club. 1926-1928, 1930-1932, 1934-1935, 1937
- 117 14 Chemists' Club. Board of Trustees. Minutes of Meetings: 1918-1919
- 117 15 Chemists' Club. Miscellaneous Papers: 1917-1919, 1922, 1926-1928. Herty was
a member of the Chemists' Club Publicity Committee in 1911. He was elected
Resident Vice-President in 1918; and he was a member of the Committee
on Honorary Memberships in 1919 and 1920. He also served on the Board of
Trustees.
- 117 16 Committee on Unemployment and Relief for Chemists and Chemical Engineers.
Correspondence: 1931-1933, 1935-1937

- 117 17 Deutsche Chemische Gesellschaft. Correspondence: 1906, 1908, 1910, 1911, 1913, 1924
- 117 18 Drug and Chemical Club. Correspondence: 1927
- 117 19 Elisha Mitchell Scientific Society. Correspondence: 1911-1913, 1916
- 117 20 Franklin Institute. Correspondence: 1910, 1913, 1915-1932, 1934-1935
- 117 21 Franklin Institute. Miscellaneous Papers: 1914, 1922-1925, undated
- 118 1 Georgia Academy of Science. Correspondence: 1922, 1930-1931, 1933
- 118 2 International Association of Chemical Societies. Miscellaneous Papers: 1912-1913
- 118 3 Marcelin Berthelot Centenary. American Committee. Correspondence: 1926-1928
- 118 4 Marcelin Berthelot Centenary. American Committee. Miscellaneous Papers: 1927
- 118 5 North Carolina Academy of Science. Correspondence and Other Papers: 1907-1917, 1922
- 118 6 Ramsay Memorial Fund Committee. Correspondence and Other Papers: 1917-1920, 1922-1923
- 118 7 Societe Chimique de France. Correspondence: 1910-1913, 1915, 1920, 1924, 1934-1935
- 118 8 Societe de Chimie Industrielle. Correspondence: 1917-1922
- 118 9 Societe de Chimie Industrielle. Correspondence: 1923-1928, 1931 1932
- 118 10 Societe de Chimie Industrielle. Miscellaneous Papers: 1923-1925. Herty was chairman of the Committee on By-Laws for the New York Section of the Societe de Chimie Industrielle (1918). He was a councilor of the American Section (1921-1932).
- 118 11 Society for the Promotion of Engineering Education. Correspondence: 1912, 1919, 1922, 1926
- 118 12 Society of Chemical Industry. Correspondence: 1906-1912, 1916-1920
- 118 13 Society of Chemical Industry. Correspondence: 1921-1925
- 118 14 Society of Chemical Industry. Correspondence: 1926
- 118 15 Society of Chemical Industry. Correspondence: 1927-1930, 1934-1935
- 118 16 Society of Chemical Industry. Miscellaneous Papers: 1916, 1919, 1925-1929
Herty was a member of the Executive Committee of the American Section (1917-1921, 1926-1928); and he was chairman of the Publicity Committee in 1926 and 1927.
- 118 17 Society for Georgia Archaeology. Correspondence and Other Papers: 1933-1936
- 118 18 Washington Academy of Sciences. Correspondence: 1925-1927

Trade Associations and Greek Letter Societies

- 119 1 American Trade Association Executives. Correspondence: 1923
- 119 2 American Trade Association Executives. Correspondence: 1924

- 119 3 American Trade Association Executives. Correspondence: 1925-1926
- 119 4 American Trade Association Executives. Miscellaneous Papers: 1922-1926, undated
- 119 5 Manufacturing Chemists' Association of the United States. Correspondence: 1927-1928
- 119 6 Manufacturing Chemists' Association of the United States. Miscellaneous Papers: 1926-1927
- 119 7 Salesmen's Association of the American Chemical Industry. Correspondence: 1924-1925, 1927-1930, 1932
- 119 8 Trade Association Executives in New York. Correspondence: 1923-1926
- 119 9 Trade Association Executives in New York. Year Book: 1924-1925
- 119 10 Alpha Chi Sigma. Fraternity. Correspondence: 1912-1920, 1923-1924, 1928, 1933-1936, 1938
- 119 11 *Hexagon of Alpha Chi Sigma*: 1926, 1928
- 119 12 Kappa Alpha Order. Correspondence: 1906-1912, 1928, 1933-1934, 1936
- 119 13 Kappa Alpha Alumni Foundation. Correspondence: 1927-1928, 1931
- 119 14 Kappa Alpha Southern Club of New York, Inc. Correspondence: 1924-1928, 1931
- 119 15 Kappa Alpha. Order. New York Alumni Chapter. Correspondence: 1920, 1923-1934
- 119 16 Phi Beta Kappa. Correspondence: 1906, 1914-1915, 1926, 1932, 1936
- 119 17 Phi Lambda Upsilon Honorary Chemical Society. Correspondence: 1916-1917, 1938
- 119 18 Sigma Xi. Correspondence: 1915, 1918-1920, 1923-1924, 1929-1932.

Miscellaneous Associations and Organizations

- 120 1 Academy of Political Science in the City of New York. Correspondence: 1918, 1921-1925, 1927, 1930
- 120 2 American Academy of Political and Social Science. Correspondence: 1926-1927
- 120 3 American Association of University Professors. Correspondence: 1915, 1917
- 120 4 American Geographical Society. Correspondence: 1922
- 120 5 American Industrial Development Council. Correspondence: 1935
- 120 6 American Institute of the City of New York. Correspondence: 1927
- 120 7 American Institute of the City of New York. Correspondence: 1928-1929
- 120 8 American Institute of the City of New York. Correspondence: 1930-1932, 1934-1935
- 120 9 American Institute of the City of New York. Miscellaneous Papers: 1927-1932, 1936, undated; In 1927 Herty gave a speech "Fundamental Research for Better Health" before the Institute. In January, 1928, the Institute passed a resolution supporting Senator Ransdell's legislation for a National Institute of Health. Herty became a member of the Institute in 1928. He served on the membership committee in 1929, and in 1930 he was elected to the Board of Trustees.

- 120 10 American Museum of Natural History. Correspondence: 1917-1927, 1932
- 120 11 American Philosophical Society. Correspondence and Other Papers: 1916-1933
- 120 12 Bienvenue Frangaise. Papers: 1923
- 120 13 Block Hall. Correspondence: 1927-1929
- 120 14 Capital Club. Correspondence: 1906-1909, 1911
- 120 15 Century Association. Correspondence: 1919-1925
- 120 16 Century Association. Correspondence: 1926-1928
- 120 17 Century Association. Correspondence: 1929-1937, undated
- 120 18 Century Association. Proposal of Francis P. Garvan for Membership.
Correspondence: 1933-1935
- 120 19 Century Association. Miscellaneous Papers: 1923, 1929, 1936 Herty chaired several Century Association committees. He was elected a member of the Board of Management in 1932. In 1933, Herty proposed Francis P. Garvan for membership. The nomination was not successful, and it was withdrawn in 1935.
- 121 1 Citizens Union of the City of New York. Correspondence: 1925-1935
- 121 2 Civic Forum. (New York). Correspondence: 1923-1927
- 121 3 Cosmos Club (Savannah). Correspondence: 1935-1938
- 121 4 Cosmos Club (Washington, D.C.). Correspondence: 1917-1925
- 121 5 Cosmos Club (Washington, D.C.). Correspondence: 1926-1928, 1930, 1932, 1934, 1936, 1938
- 121 6 Country Club (Chapel Hill). Correspondence and Other Papers: 1907-1916
- 121 7 Dealers and Consumers Supply Association. Correspondence: 1906
- 121 8 Engineers Hoover Committee. Correspondence: 1919-1920; Herty was requested to help promote Herbert Hoover for office of U. S. president; he declined to become involved in the campaign.
- 121 9 Georgia Historical Association. Correspondence and Other Papers: 1916-1919
- 121 10 Georgia Historical Society. Papers: 1921-1933, 1935, 1937
- 121 11 Georgia Society of the City of New York. Correspondence: 1924-1925, 1932-1933
- 121 12 Metropolitan Museum of Art. Papers: 1921-1925, 1928-1932
- 121 13 National Association of Audubon Societies. Correspondence: 1923-1924
- 121 14 National Chemical Committee (Hoover for President). Correspondence: 1928; Herty was a member of the Advisory Committee.
- 121 15 National Geographic Society. Papers: 1905-1918, 1922-1923, 1925, 1932, 1934-1935
- 121 16 National Institute of Inventors. Correspondence: 1917-1920; Includes correspondence with Dr. J. W. Beckman, Dr. W. M. Grosvenor, Dr. W. A. Noyes, Dr. Ira Remsen, Dr. Julius Steiglitz, Dr. H. P. Talbot, Dr. E. R. Weidlein and other colleagues about membership drive by the Institute and also about suspect activities and aims of the Institute.

- 121 17 National Institute of Social Sciences. Correspondence: 1937-1938
- 121 18 New York Classical Club. Papers: 1919-1920
- 121 19 New York Electrical Society. Correspondence: 1929-1931
- 121 20 New York Latin Club. Correspondence: 1917
- 121 21 New York Southern Society. Correspondence: 1917, 1919-1923, 1925-1928,
1934
- 121 22 Oglethorpe Club. Correspondence: 1932, 1935, 1937
- 121 23 Racquet Club. Correspondence: 1922-1924
- 121 24 Republican Business Men, Inc. Correspondence: 1926
- 121 25 Rotary Club of Savannah. Correspondence: 1935-1936, 1938
- 121 26 Society of Arts and Sciences. Correspondence: 1930-1932
- 121 27 Southern Education Society. Correspondence: 1918
- 121 28 Textile Club. Correspondence: 1917, 1919
- 121 29 Town Hall Club. Correspondence: 1926-1927, 1932-1933; Includes some
correspondence about membership of Lois W. Woodford (Herty's secretary).
- 121 30 University Gun Club (Chapel Hill). Correspondence: 1905-1906, 1908-1909

Conferences and Congresses

- 122 1 First International Congress of Soil Science. Correspondence: 1927
- 122 2 First International Congress of Soil Science. Miscellaneous Papers: 1927
- 122 3 Institute of Politics (Williamstown, Massachusetts). Correspondence and Other
Papers: 1926
- 122 4 Institute of Politics (Williamstown, Mass.). Report of the Round Tables and
General Conferences at the Sixth Session: 1926
- 122 5 International Congress of Applied Chemistry. Correspondence: 1908-1910
- 122 6 International Congress of Applied Chemistry. Correspondence: 1911-1912
- 122 7 International Congress of Applied Chemistry. Miscellaneous Papers: 1912
- 122 8 Pan American Commercial Congress. Correspondence: 1925-1928
- 122 9 Pan American Scientific Congress. Correspondence: 1915-1916
- 122 10 Southern Commercial Congress. Correspondence: 1912, 1917, 1921
- 122 11 Southern Conference for Education and Industry. Correspondence and Other
Papers: 1915
- 122 12 Third Race Betterment Conference. Correspondence and Other Papers:
1927-1928
- 122 13 World Engineering Congress. American Committee. Correspondence: 1927-1928

Series 12**Personal papers, mementoes, and memorabilia, 1875-1938****Boxes 123-131 and OP1****Scope and Content Note**

This series includes personal financial papers, family papers, some biographical material, mementoes and memorabilia. The personal financial records include files relating to charitable contributions, personal property, banks and trust companies, insurance companies and stockbrokers, and stocks and securities. Also included are financial papers of Lois W. Woodford (Herty's secretary). Other files include awards, degrees, and certificates as well as mementoes and memorabilia.

The Family Papers section includes biographical material and family correspondence (1875-1938) along with correspondence about the death of Sophie S. Herty, his wife, in 1929 and the some papers of Charles Holmes Herty, Jr.

Related material can be found in the following series: Series 2: Academic Career, Life at Chapel Hill, Episcopal Church; Series 4: Naval Stores, Forestry, Paper and Pulp; and Series 9: Industrial Consultant Work.

Personal Financial Papers: General Papers and Personal Property

Box	Folder	Content
123	1	General Papers: 1896, 1901-1910
123	2	General Papers: 1911-1919
123	3	General Papers: 1920-1927
123	4	General Papers: 1928-1931, 1933-1935. Papers concern Herty's personal accounts and monetary loans to friends.
123	5	Contributions to charities and other organizations: 1900, 1906, 1909, 1911-1914, 1916-1917, 1920-1922
123	6	Contributions to charities and other organizations: 1923-1927, undated
123	7	"Herty Property": 1892
123	8	Athens Property: 1913-1916
123	9	Athens Property: 1917-1934
123	10	New York Property: 1920-1929
123	11	New York Property: 1930-1938

Personal Financial Papers: Personal Property

124	1	North Carolina Property: 1905-1907
124	2	North Carolina Property: 1909-1912
124	3	North Carolina Property: 1913-1918
124	4	North Carolina Property: 1919-1920
124	5	North Carolina Property: 1921-1923, 1925
124	6	Automobiles: 1910-1911
124	7	Automobiles: 1912

- 124 8 Automobiles: 1913-1919
 124 9 Automobiles: 1920-1921, 1923, 1925-1927, 1929-1931, 1934, 1937
 124 10 Boat: 1922-1923, 1926-1927, 1929-1930, 1932, 1934-1935

Personal Financial Papers: Banks and Trust Companies

- 124 11 Atlantic National Bank of Jacksonville: 1904-1905
 124 12 Bank of Chapel Hill: 1905-1911
 125 1 Bank of Chapel Hill: 1912-1922, 1925. There is some correspondence about Herty's terms as bank president (1909) and member of the Board of Directors (1907[?] and 1908).
 125 2 Bank of Green Cove Springs: 1904
 125 3 Bank of Ocilla: 1902-1904
 125 4 Citizens National Bank of Durham: 1907-1910, 1913-1918, 1920
 125 5 Farmers' Loan and Trust Company: 1919-1926
 125 6 Farmers' Loan and Trust Company: 1927-1929
 125 7 Florida Bank & Trust Company: 1904-1906
 125 8 Florida National Bank of Jacksonville: 1906-1911
 125 9 Industrial Bank of New York: 1921-1922
 125 10 Irving Trust Company: 1930-1931
 125 11 Megunticook National Bank: 1914, 1916, 1918, 1920
 125 12 National City Bank of New York: 1926, 1929
 125 13 North Carolina Trust Company: 1908-1916
 125 14 Savannah Bank and Trust Company: 1934-1937
 125 15 Southern Life and Trust Company: 1908-1918

Personal Financial Papers: Insurance Companies and Stockbrokers

- 125 16 Chapel Hill Insurance & Realty Company, Inc.: 1908-1922, 1924, undated; There is some correspondence about Herty's term as company president (1908-1909).
 125 17 Greensboro Fire Insurance Companies: 1909-1911
 125 18 Greensboro Life Insurance Company: 1906-1912
 125 19 Jefferson Standard Life Insurance Company: 1917-1918, 1921, 1924, 1929-1932, 1934-1937
 125 20 The Mutual Life Insurance Company of New York: 1899-1908
 126 1 The Mutual Life Insurance Company of New York: 1911, 1913-1915
 126 2 The Penn Mutual Life Insurance Company of Philadelphia: 1905-1921, 1924, 1926-1927, 1930-1937
 126 3 Pilot Life Insurance Company: 1926-1927, 1929, 1931, 1933-1938
 126 4 Miscellaneous Insurance Papers: 1903-1905, 1907, 1920, 1929-1931
 126 5 M. C. Bouvier & Co. (Stockbroker): 1932-1936
 126 6 Spencer Trask & Co.: 1921-1922

- 126 7 Spencer Trask & Co.: 1923-1925
 126 8 Spencer Trask & Co.: 1926-1928, 1930-1931
 126 9 Varnadoe, Chisholm & Co., Inc. (Security Dealers): 1937

Personal Financial Papers: Stocks and Securities

- 126 10 American Cyanamid Company: 1932, 1935
 126 11 American Trust Company: 1910-1915, 1917-1918
 126 12 American Trust Company: 1919-1930, 1933-1938
 126 13 Bethlehem Steel Corporation: 1936-1937
 126 14 Carolina Ice Machine Company: 1908-1911
 126 15 Carolina Insurance Agency Company: 1914-1916
 126 16 Coca-Cola Company: 1934-1936, 1938
 126 17 Consolidated Tire & Oil Company, Inc.: 1912
 126 18 Detroit Harbor Terminals, Inc.: 1934-1935
 126 19 Follansbee Brothers Company: 1934-1937
 126 20 Greensboro Securities Company: 1910-1916
 126 21 Guantanamo Sugar Company: 1918-1919
 127 1 Hunter Manufacturing & Commission Company: 1908-1912
 127 2 Kansas City Power & Light Company: 1922-1925
 127 3 Long Island Lighting Company: 1922-1923, 1927
 127 4 McIntosh Mills: 1906-1914
 127 5 Marion County Trust Company: 1910-1911, 1913-1914, 1916
 127 6 Molybdenum Corporation of America: 1920, 1922-1930, 1932-1934
 127 7 Purity Bakeries Corporation: 1926, 1935, 1937-1938
 127 8 Rustless Iron and Steel Corporation and Subsidiary Rustless Iron Corporation of America: 1933, 1935-1937
 127 9 Seaboard Air Line Railway Company: 1930, 1938
 127 10 Southern Underwriters: 1909-1913, 1916
 127 11 The Stephens Company: 1914-1922
 127 12 The Stephens Company: 1923-1938
 127 13 Western Dairies, Inc.: 1933-1938

Personal Financial Papers: Miscellaneous

- 127 14 Miscellaneous: 1935
 127 15 Income Tax : 1914, 1934 - 1938
 127 16 Accounts Book: 1908-1915
 127 17 Ledger. Stocks and Bonds-Accounts: 1921-1937; Industrial Committee of Savannah-Accounts: 1933-1936
 127 18 Ledger: 1929-1930
 127 19 Deposit Book. Bank of University of Georgia: 1901-1902

- 127 20 Check Book. The Farmers' Loan and Trust Company: 1919
- 128 1 Check Books: April, 1933-April, 1935
- 128 2 Check Books: April, 1935-July, 1937
- 128 3 Estate of Sophie S. Herty: 1929, 1933

Lois W. Woodford Papers

- 128 4 Lois W. Woodford. Financial Papers: 1922-1927
- 128 5 Lois W. Woodford. Financial Papers: 1928
- 128 6 Lois W. Woodford. Financial Papers: 1929
- 128 7 Lois W. Woodford. Financial Papers: 1930-1933, undated

Herty Mementoes and Memorabilia

- 128 8 Mementoes. Middle Georgia Military and Agricultural College: 1881-1884
- 128 9 Mementoes. Johns Hopkins University: 1889-1890
- 128 10 Mementoes. University of Georgia: 1886-1929
- 129 1 Mementoes. Florida Industries Day: 1938
- 129 2 Mementoes. Miscellaneous Programs: 1916-1938
- 129 3 Passports and Other Identification Papers: 1919, 1923
- 129 4 Memorabilia: Herty Day and Herty Medal
- 129 5 Family Memorabilia
- 129 6 Miscellaneous Memorabilia

Awards, Degrees, Certificates

- OP1 1 Degree: University of Pittsburgh, 1917
- OP1 1 Degree: Colgate University, 1918
- OP1 1 Degree: University of North Carolina, June 4, 1918
- OP1 1 Degree: University of Georgia, June 20, 1928
- OP1 1 Degree: Univeristy of North Carolina, June 6, 1933
- OP1 1 Degree: Oglethorpe University, May 27, 1934
- OP1 1 Degree: University of Florida, June 7, 1937
- OP1 1 Degree: Duke University, June 6, 1938
- OP1 1 Certificate: American Philophical Society, member, April 14, 1917
- OP1 1 Certificate: American Defense Society, November 15, 1917
- OP1 1 Certificate: The Society of the Sigma Xi, member, October 16, 1920
- OP1 1 Certificate: Chemical Warfare Service, Member of the Advisory Board, 2nd
Chemical Warfare Procurement District, January 1, 1924
- OP1 1 Certificate: Georgia State College for Women, Doctor's Academy, May 18, 1932
- OP1 1 Certificate: State of Georgia, State Planning Board, appointment, March 8, 1937
- OP1 1 Certificate: Smithsonian Institution, Patron, undated
- OP1 1 Certificate: American Institute of New York, member, undated

- OP1 1 Special Passport: Bahamas, January 18, 1878
- OP1 1 Special Passport: United States Department of State, May 4, 1899
- OP1 1 Special Passport: United State Department of Agriculture, May 22, 1903
- OP1 1 Special Passport: United States Department of State, May 27, 1903
- OP1 1 Special Passport: United States Department of State, June 17, 1909

Family papers, 1875-1938

- 129 7 Biographical material. Miscellaneous papers
- 129 8 Family papers: 1875, 1878
- 129 9 Family correspondence: 1878, 1901, 1903-1905
- 130 1 Family correspondence: 1906-1912
- 130 2 Family correspondence: 1913-1916
- 130 3 Family correspondence: 1917-1918
- 130 4 Family correspondence: 1919-1921
- 130 5 Family correspondence: 1922-1923
- 130 6 Family correspondence: 1924-1925
- 130 7 Family correspondence: 1926-1928
- 130 8 Family correspondence: 1929-1930
- 130 9 Family correspondence: 1931-1932
- 130 10 Family correspondence: 1933
- 130 11 Family correspondence: 1934
- 131 1 Family correspondence: 1935-1936
- 131 2 Family correspondence: 1937-1938, undated; There is some family correspondence in papers concerning Herty's Georgia, New York and North Carolina property. Correspondence with Dr. William Davis Hooper, Herty's brother-in-law (Series 2, University of Georgia section).

Correspondence re: Death of Sophie Herty;

- 131 3 Correspondence re: Death of Sophie Herty: 1929

Charles Holmes Herty, Jr., papers

- 131 4 Charles Holmes Herty, Jr. Reports, M.I.T. School of Chemical Engineering Practice, July, 1920
- 131 5 Charles Holmes Herty, Jr. Reports, M.I.T. School of Chemical Engineering Practice, August, 1920
- 131 6 Charles Holmes Herty, Jr. Reports, M.I.T. School of Chemical Engineering Practice, July-October, 1925
- 131 7 Charles Holmes Herty, Jr. Reports, M.I.T. School of Chemical Engineering Practice, November, 1925-February, 1926
- 131 8 Charles Holmes Herty, Jr. Weekly reports, M.I.T. School of Chemical Engineering Practice, September, 1925-April, 1926

- 131 9 Charles Holmes Herty, Jr. Reports, Pittsburgh Experiment Station, U. S. Bureau of Mines, May, 1926-October, 1928
- 131 10 Charles Holmes Herty, Jr. Published writings, 1928-1937
- 131 11 Charles Holmes Herty, Jr. Programs (Mementoes), 1928-1935

Series 13**Notebooks, speeches, writings, clippings, and office filing system 1880-1938
Boxes 132-137 and BV1-2****Scope and Content Note**

The series consists of notebooks containing mainly lecture notes, daybooks, address books and calendars, speeches including addresses and lectures, writings by Herty in various newspapers and journals, clippings and files relating to his office filing system.

Notebooks, 1899-1912

Box	Folder	Content
132	1	Notebook. Personal Impressions of German Professors and Laboratories: 1899
132	2	Chemistry Notebooks: 1899, undated
132	3	Notebooks. Electrochemistry Lecture and Laboratory Notes: 1899-1900
132	4	Notebook. Technical Chemistry Lecture Notes: 1899-1900
132	5	Notebook. Artificial Dyestuffs Lecture Notes: 1900
132	6	Notebooks. Inorganic Chemical Technology Lecture Notes: 1900
132	7	Notebooks. Organic Chemistry and Stereochemistry Lecture and Laboratory Notes: 1900
132	8	Scientific Notes. Turpentine Collecting Methods and Apparatus: 1909
132	9	Laboratory Notes of Robert A. Hall. Resene and Turpentine Distillation: 1911-1913
132	10	Scientific Notes. Fractional Distillation of Turpentine; Fractionation of Pine Oil: 1912
133	1	Scientific Notes. Naval Stores: undated
133	2	Notebook. Notes re: University of Georgia Athletic Program.; Naval Stores: undated
133	3	Notebooks. Notes on Chemical Literature: undated
133	4	Scientific notes: undated

Daybooks, 1917-1930

133	5	Daybook: 1917
133	6	Daybooks: 1921-1922
133	7	Daybooks: 1923
133	8	Daybooks: 1924-1925
134	1	Daybooks: 1929-1930
134	2	Notebook. Notes and Accounts: 1916

Address Book and Calendars, 1923-1934

134	3	Address Book: 1923
134	4	Calendars: 1921-1926
134	5	Calendars: 1927-1928

- 134 6 Calendars: 1929
- 134 7 Calendars: 1930-1931
- 134 8 Calendars: 1933-1934

Addresses and Lectures, 1889-1936

- 135 1 Addresses and Lectures: 1889-1890, 1901
- 135 2 Addresses and Lectures: 1915-1916, 1918, 1921-1922
- 135 3 Addresses and Lectures: 1924-1925
- 135 4 Addresses and Lectures: 1926
- 135 5 Addresses and Lectures: 1927
- 135 6 Addresses and Lectures: 1928
- 135 7 Addresses and Lectures: 1929
- 135 8 Addresses and Lectures: January-May, 1930
- 135 9 Addresses and Lectures: June-December, 1930
- 136 1 Addresses and Lectures: 1931-1936
- 136 2 Addresses and Lectures: undated This includes notes and rough drafts as well as final copies.

Writings and Clippings, 1890-1938

- 136 3 Writings: 1890, 1895-1898, 1903, 1905, 1907-1912
- 136 4 Writings: 1915-1919, 1921, 1923-1926
- 136 5 Writings: 1927-1931, 1935
- 136 6 Writings: undated
- 136 7 Writings: Drafts of *Journal of Industrial and Engineering Chemistry* Editorials: 1917-1921
- BV1 Scrapbook containing clippings of Herty's editorials in *Journal of Industrial and Engineering Chemistry*, 1917-1921.
- BV2 Scrapbook containing clippings of Herty's editorials in *Journal of Industrial and Engineering Chemistry*, 1917-1921.
- 136 8 Clippings: 1880-1899
- 136 9 Clippings: 1900-1919
- 136 10 Clippings: 1920-1924
- 136 11 Clippings: 1925-1926
- 136 12 Clippings: 1927
- 136 13 Clippings: 1928
- 136 14 Clippings: 1929-1931
- 136 15 Clippings: 1932
- 136 16 Clippings: 1933-1936
- 136 17 Clippings: 1937-1938
- 136 18 Clippings: undated

Office Filing System

- 137 1 Office Filing System. Correspondence: 1931, undated
- 137 2 Office Filing System Code Card Index to Office File
- 137 3 Annotated reference copy of outline of industrial chemistry

Series 14
Printed materials on microfilm
Box 138 and 147; MF 1-54

Scope and Content Note

This series contains the microfilm of printed material (book title pages, journals, reprints, and clippings) from the Herty library which was filmed by Emory University. The originals were then returned to the American Chemical Society for disposition.

Clippings on microfilm (chronological and alphabetical arrangement)

Box	Folder	Content
MF1		1902-1926
MF2		1927-1934
MF3		1935-1938 March
MF4		Subject groups: A-Germany [general]
MF5		Subject groups: Germany [general]-Research
MF6		Subject groups: Russia-Z
MF7		Scrapbook: 1901-1920
MF8		Scrapbook: 1917-1931
MF9		Miscellaneous clippings: 1894-1930
MF10		Miscellaneous clippings: 1931-1940

Journals on microfilm (alphabetical arrangement)

MF11	Journals
MF12	Journals
MF13	Journals
MF14	Journals
MF15	Journals
MF16	Journals
MF17	Journals
MF18	Journals
MF19	Journals
MF20	Journals
MF21	Journals
MF22	Journals
MF23	Journals
MF24	Journals
MF25	Journals
MF26	Journals
MF27	Journals
MF28	Journals

MF29 Journals

MF30 Journals

Reprints on microfilm (alphabetical arrangement)

MF31 Abbot-Bigelow, W.D.
 MF32 Bingham-Canadian Journal
 MF33 Carhart-Dublin
 MF34 Dudley-Ford
 MF35 Forester-Henry, A.V.
 MR36 Herty-Hunter
 MF37 Isakovics-Kendall, J.
 MF38 Keys-Lewis, G.
 MR39 Lewis, P.A.-Menge
 MF40 Menzies-Parsons
 MF41 Patterson-Richardson, T.W.
 MF42 Richardson, G.M.-Smith, Alexander
 MF43 Smith, Edgar-Turrentine
 MF44 Valenz-Wells, T.H.
 MF45 Werner, A-West
 MF46 Wheeler-Ziegler

Monographs on microfilm (alphabetical arrangement)

MF47 Monographs
 MF48 Monographs
 MF49 Monographs
 MF50 Monographs
 MF51 Monographs
 MF52 Monographs
 MF53 Monographs

Title pages of books on microfilm (alphabetical arrangement)

MF54 Title pages of books

Files relating to microfilm, Herty library, and papers

138 1 Guide to clippings on microfilm
 138 2 List of journals on microfilm
 138 3 Index to reprints on microfilm
 138 4 List of title pages of books on microfilm
 138 5 List of monographs on microfilm
 138 6 List of books in Herty papers
 138 7 List of other books weeded from Herty papers

147 - Microfilm reels

Series 15
Photographs, circa 1872-1838
Boxes 139-140, BV3, and OP3

Scope and Content Note

This series consists of photographs of Charles Herty Holmes and his family, turpentine activities in the South, scientific illustrations, and images of conventions and meetings. The photographs also include an album containing images of turpentine operations in the southern United States around the turn of the century.

Box	Folder	Content
139	1	Charles Holmes Herty and family [pre-1920], 8 photographs; 2 negatives
139	2	Charles Holmes Herty, Jr. (son), Frank Bernard Herty (son), Sophie Dorothea Herty (daughter), 20 photographs
139	3	Charles Holmes Herty [circa 1872], 2 photographs, 1 negative
139	4	Charles Holmes Herty portrait photographs [pre-1920], 4 photographs
139	5	Charles Holmes Herty portrait photographs [post-1920], 12 photographs, 1 silhouette
139	6	Charles Holmes Herty miscellaneous snapshots [undated], 4 snapshots
139	7	Students in chemistry laboratory [circa 1890-1900], 2 photographs; unidentified chemistry laboratory [undated] 1 photograph
139	8	University of Georgia college activities [circa 1880-1900], 5 photographs
139	9	Johns Hopkins University [circa 1886-1890], 4 photographs
139	10	Chapel Hill and University of North Carolina at Chapel Hill [pre-1920], 2 photographs
BV3		Scrapbook of 66 photographs (7 1/2" x 9 1/4") depicting turpentine operations in the southern United States [circa 1900-1910]
139	11	Turpentine in Ocilla, Georgia, and Austria (U. S. Forest Service photographs) [circa 1900-1910], 9 Ocilla photographs, 1 Austria
139	12	Turpentine in the southern United States [circa 1900-1916], 16 photographs
139	13	Turpentine and forest conservation in the southern United States [circa 1920-1938], 29 photographs, 7 negatives
139	14	Turpentine and forest conservation in Cogdell, Georgia, 1928, photograph album, 21 photographs with caption list
139	15	Turpentine in France [circa summer 1903], 5 photographs
139	16	Forest Products Laboratory, decennial celebration, 1920, 4 photographs
139	17	Savannah Pulp and Paper Laboratory, Georgia [circa 1932-1938], 16 photographs
139	18	Chemical warfare [undated], 6 photographs
139	19	Charles Holmes Herty and unidentified persons conducting experiment [circa 1930-1938], 7 snapshots
139	20	American Institute of Chemists award ceremony, May 1932, 3 photographs

- 139 21 Herty Day in Milledgeville, Georgia, 1934, 4 photographs
 139 22 Jacksonville, Florida, award ceremony [circa 1933-1938], 1 photograph
 139 23 Charles Holmes Herty with Chemistry Club of Georgia State College for Women
 in Milledgeville [circa 1933-1938], 2 photographs
 139 24 Charles Holmes Herty and unidentified group [circa 1930-1938], 2 photographs
 140 1 March of Time film, "New Boom in Old Dixie," 1938, negatives
 140 2 Farm Chemurgic Council exhibit, 1935, 1 photograph
 140 3 Illustrations for "Future Possibilities in the Utilization of Cellulose," Journal of
 Chemical Education (vol. 6, 1929), 15 photographs, 2 negatives, 2 glass slides
 140 4 Southern pine cross sections under magnification [circa 1928-1938] 23 8" x 10"
 photographs
 140 5 Peanut by-products, apparatus for preparing alpha-cellulose, Tom Huston Peanut
 Company [circa 1928-1938], 21 photographs
 140 6 Alpha-cellulose pulp from cornstalks [circa 1928-1938], 1 photograph
 140 7 German scientists, cartes-de-visite [circa 1900], 26 photographs
 140 8 Various identified and unidentified individuals [undated], 10 photographs
 140 9 Miscellaneous photographs, postcards and drawings [undated], 16 items

Oversize Photographs

- OP3 - American Chemical Society (ACS) banquet at the Sinton Hotel, Cincinnati,
 Ohio, April 9, 1914
 OP3 - ACS banquet, 50th meeting, at the Restaurant de la Louisiane, New Orleans,
 Louisiana, April 2, 1915
 OP3 - Commissioned personnel of the Chemical Warfare Services, Washington, D. C.,
 December 13, 1918 [Missing before September 28, 2004]
 OP3 - Chemists outing, compliments of the Scientific Materials Company, 1920
 (printed copy)
 OP3 - Third annual dinner of officers of the Chemical Warfare Service, Rauschers,
 April 16, 1921
 OP3 - Salesmen's Association of the American Chemical Industry annual banquet to the
 industry, Hotel Commodore, September 12, 1922
 OP3 - Balkline billiard championship of the world, Hotel Pennsylvania, March 14, 1923
 OP3 - Testimonial banquet in honor of Francis P. Garvan, Waldorf-Astoria, April 26,
 1924
 OP3 - Annual dinner of the Johns Hopkins University New York Alumni Association,
 Baltimore, March 11, 1925
 OP3 - 8th annual meeting of the Dominion Convention of Chemists, Guelph, Ontario,
 1925
 OP3 - Synthetic Organic Chemical Manufacturers Association annual outing, 1926
 OP3 - ACS 73rd meeting, Richmond, Virginia, April 11-16, 1927

- OP3 - Marcelin Berthelot centenary dinner at the Ritz Carlton Hotel, New York,
October 25, 1927
- OP3 - ACS fall meeting, Denver, Colorado, 1932
- OP3 - Joint convention of representatives of agriculture, industry, and science at the
Dearborn Inn, Michigan, May 7, 1935
- OP3 - Parade float with caption : "High explosives are driving the Germans back. Give
our boys plenty," undated
- OP3 - Unidentified banquet scene, undated

Series 16
Additions by Herty family and others, 1895-1970
Boxes 141-144

Scope and Content Note

The additions include family photographs and correspondence; clippings; notes and copies of speeches and articles by Herty; and samples of pine pulp paper and rayon. The material covers a span of years from 1895 to 1970, but most of it is from the years 1930-1950. News clippings about Herty's work and his death constitute the majority of the material. Of special interest are the testimonials and resolutions following Herty's death; the large number of obituary clippings; and correspondence belonging to Dr. Charles Holmes Herty, Jr. (father of Mrs. Brown) concerning the campaign after Herty's death to establish the Herty Forest Institute at Waycross, Georgia, and the efforts to carry on the work of the Herty Foundation Laboratory at Savannah.

The series also contains material collected by this department relating to the Herty papers, copies of scholarly papers or research articles about Herty or his colleagues, and information concerning related collections in other repositories.

Additions by Mrs. H. Philip Minis

Box	Folder	Content
141	1	Sosnowski family papers: 1895, 1917, 1929, undated
141	2	Herty family photographs (12 photographs)
141	3	Copies of Herty family photographs (12 photographs)
141	4	Miscellaneous clippings belonging to Dr. Charles Holmes Herty: 1932-1933
141	5	Clippings re: forestry products work of Dr. Charles Holmes Herty: 1932-1937
141	6	Papers concerning Dr. Charles Holmes Herty: 1916, 1932, 1936, 1938-1940, 1946, undated; Includes 1938-1939 correspondence from University of North Carolina President Frank P. Graham and President Franklin D. Roosevelt about presentation to Roosevelt of Herty's honorary Doctor of Laws hood; a copy of the act to create the Herty Foundation; a 1940 letter to Mrs. Minis from Walter Purchall enclosing a copy of the WSB radio broadcast on the night of Herty's death; and a copy of the log of the liberty ship Charles H. Herty (November, 1943 to December, 1946)
141	7	Papers concerning Francis P. Garvan: 1935, 1938. Includes a copy of a March 1, 1935 letter from Garvan to Herty asking Herty to devote half of his time to the promotion of southern chemical development; also a reprint of article "Francis P. Garvan, 1875-1939" by A.W. Hixon, <i>Industrial and Engineering Chemistry News Edition</i> , vol. 15, 1937
141	8	Herty family photographs and notes re: Savannah Pulp and Paper Laboratory (1935, 1938, undated)
141	9	Developments after the death of Dr. Charles Holmes Herty. Miscellaneous papers: 1938-1939, 1957, 1967, 1968, undated

- 141 10 Honors and awards to Dr. Charles Holmes Herty. Miscellaneous papers: 1934, 1936-1938.
- 141 11 Clippings about Dr. Charles Holmes Herty: 1938
- 141 12 Biographical articles about Dr. Charles Holmes Herty: 1932, 1934
- 141 13 Testimonials and resolutions on the death of Dr. Charles Holmes Herty: 1938, undated
- 141 14 Clippings about the death of Dr. Charles Holmes Herty: July 27, 1938
- 141 15 Clippings about the death of Dr. Charles Holmes Herty: July 28, 1938
- 141 16 Clippings about the death of Dr. Charles Holmes Herty: July 28, 1938
- 141 17 Clippings about the death of Dr. Charles Homes Herty: July 29, 1938
- 141 18 Clippings about the death of Dr. Charles Holmes Herty: July 30, 1938
- 141 19 Clippings about the death of Dr. Charles Holmes Herty: July 31, 1938
- 141 20 Clippings about the death of Dr. Charles Holmes Herty: August 1-2, 1938
- 141 21 Clippings about the death of Dr. Charles Holmes Herty: August 3, 1938
- 141 22 Clippings about the death of Dr. Charles Holmes Herty: August 4, 1938
- 141 23 Clippings about the death of Dr. Charles Holmes Herty: August 4, 1938
- 141 24 Clippings about the death of Dr. Charles Holmes Herty: August 5, 1938
- 141 25 Clippings about the death of Dr. Charles Holmes Herty: August 6-8, 1938
- 141 26 Clippings about the death of Dr. Charles Holmes Herty: August 9, 1938
- 141 27 Clippings about the death of Dr. Charles Holmes Herty: August 10, 1938
- 141 28 Clippings about the death of Dr. Charles Holmes Herty: August 11, 1938
- 141 29 Clippings about the death of Dr. Charles Holmes Herty: August 12, 1938
- 141 30 Clippings about the death of Dr. Charles Holmes Herty: August 17-18, 1938
- 141 31 Clippings about the death of Dr. Charles Holmes Herty: August 19-22, 1938
- 141 32 Clippings about the death of Dr. Charles Holmes Herty: August 25, 1938
- 141 33 Clippings about the death of Dr. Charles Holmes Herty: August 26, 31, 1938
- 141 34 Clippings about the death of Dr. Charles Holmes Herty: September 1,8,1938
- 141 35 Clippings about the death of Dr. Charles Holmes Herty: September 24-27, 1938
- 141 36 Clippings about the death of Dr. Charles Holmes Herty: September 29-30, 1938
- 141 37 Clippings about the death of Dr. Charles Holmes Herty: October 2, 5, 6, 10, 12, 1938

Additions by Mrs. Frederick F. Brown

- 142 1 Resolutions on the death of Dr. Charles Holmes Herty: 1938-1939
- 142 2 Papers concerning the death of Dr. Charles Holmes Herty: 1938-1940
- 142 3 Obituaries of Dr. Charles Holmes Herty: 1938
- 142 4 Editorial obituaries of Dr. Charles Holmes Herty: 1938, undated
- 142 5 Newspaper photographs and cartoon of Dr. Charles Holmes Herty: 1931, 1938, 1940, undated

- 142 6 Forest products work of Dr. Charles Holmes Herty. Photographs: 1936, undated
(3 photographs)
- 142 7 Articles by Dr. Charles Holmes Herty: 1934-1935, 1938
- 142 8 Speeches by Dr. Charles Holmes Herty: 1926, 1928, 1933
- 142 9 Clippings about Dr. Charles Holmes Herty: 1922, 1926-1927, 1930-1933
- 142 10 Clippings about Dr. Charles Holmes Herty: 1934-1936
- 142 11 Clippings about Dr. Charles Holmes Herty: 1937
- 142 12 Clippings about Dr. Charles Holmes Herty: 1939
- 142 13 Clippings about Dr. Charles Holmes Herty: 1940, 1942, 1946, 1949
- 142 14 Clippings about Dr. Charles Holmes Herty: 1950-1952, 1958, 1968, 1970
- 142 15 Clippings about Dr. Charles Holmes Herty: undated
- 142 16 Miscellaneous papers about Dr. Charles Holmes Herty: 1932-1933, 1935, 1943,
1946, undated
- 142 17 "Piney Woods" notes of Dr. Charles Holmes Herty [?]
- 142 18 Sample of pine rayon made in the Savannah Pulp and Paper Laboratory: undated
- 142 19 4 samples of newsprint made in the Savannah Pulp and Paper Laboratory:
1934-1935, 1937
- 142 20 Savannah Pulp and Paper Laboratory. Comparative tests of southern pine and
commercial newsprints: undated
- 142 21 Papers of Dr. Charles Holmes Herty, Jr. concerning his father and family: 1912,
1926-1927, 1930-1931, 1933-1935
- 142 22 Papers of Dr. Charles Holmes Herty, Jr. concerning his father and family : 1936
-1939
- 142 23 Papers of Dr. Charles Holmes Herty, Jr. concerning his father and family: 1940
- 142 24 Papers of Dr. Charles Holmes Herty, Jr. concerning his father and family: 1941,
1943-1945
- 143 1 Papers of Dr. Charles Holmes Herty, Jr. concerning his father and family:
1946-1949, 1951-1952, undated
- 143 2 Forest products. Miscellaneous publications: 1937-1939

Scholarly articles, papers, and other information relating to Charles Herty Collection

- 143 3 Journal articles about Herty (*Journal of Forest History*, *Southerner*, and others)
- 143 4 Accession listing for Francis P. Garvan papers at the American Heritage Center,
University of Wyoming
- 143 5 Journal article, "Women's Work" in Science, 1880-1910," by Margaret Rossiter.
ISIS, 71 (1980)
- 143 6-9 Additions
- 144 Scrapbooks