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## George Edward Stone Papers

1890-1957

14 boxes (6.75 linear ft.)

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Read collection overview

Botanist, arborist, and Professor of Botany at the University of Massachusetts Amherst when it was known as Massachusetts Agricultural College. Includes notes on experiments in botany; drawings depicting original apparatus; typed and handwritten reports; clippings and reprints; lecture notes; correspondence; students' papers and an herbarium; typed and handwritten autobiographical notes, including reflections on Massachusetts Agricultural College and comments on Emily Dickinson (1830-1886); genealogies; memorabilia; photographs; scrapbooks of printed botanical illustrations; notes, clippings, and correspondence on psychic phenomena; and materials reflecting administrative and official duties.

See similar SCUA collections:

**Agricultural education**

Botany and horticulture

Mass Agricultural College (1863-1931)

UMass faculty

## Background on George Edward Stone

1860

Born September 6, Leicester, Massachusetts

1884

Bachelor of Science, Massachusetts State College

1888

Special Student, Massachusetts Institute of Technology

1889

Summer Teacher at Lake Quinsigamond, Worcester, Massachusetts

1893-1916

Professor of Botany, Massachusetts Agricultural College

1893

Ph.D., University of Leipzig, Germany

1895-1916

Plant Physiologist and Pathologist, Massachusetts Experiment Station

1897-1911

Secretary to the Graduate School, Massachusetts Agricultural College

1902

Member of Faculty and Lecturer on Plant Pathology at Graduate School of Agriculture (Under the auspices of Association of American College and Experiment Stations; University of Illinois)

1903

Botanist to The Massachusetts Board of Agriculture

1904

Lecturer on Plant Pathology; Graduate School of Agriculture; Ames, Iowa

1941

Died Amherst, Massachusetts

## Scope of collection

The papers of George Edward Stone document his activities as Professor of Botany and Head of the Botany Department at the Massachusetts Agricultural College, his work as a professional botanist and arborist, and his personal interests. Papers include correspondence, lecture notes, reports, notes on experiments, drawings depicting original apparatus, scrapbooks of printed botanical illustrations, students' papers, genealogies, memorabilia, and photographs, together with autobiographical notes, including reflections on Massachusetts Agricultural College and on Emily Dickinson, and correspondence, notes and clippings on psychic phenomena.

## Arrangement

This collection is organized into six series:

Series 1. Notes and Experiments, 1892-1936, n.d.

Series 2. Reports and Articles, 1890-1937, n.d.

Series 3. College Papers and Lecture Notes, 1899-1937, n.d.

Series 4. Subject File and Correspondence, Photographs, 1894-1956, n.d.

Series 5. Psychic Research, 1919-1937, n.d.

Series 6. Student Herbarium, ca. 1902-1905, n.d.

## Series descriptions

### Series 1. Notes and Experiments

1892-1936, n.d.

Comprised of notes documenting experiments on plants and trees. For some it is not entirely clear under what circumstances or at what time period the experiments were conducted. Many were carried out while attending The University of Leipzig in Germany. The bulk of the experiments pertain to the field of physiological botany such as "Measuring the Force of Gravity in Plants," "Partial Pressure of Oxygen on Protoplasm," "Correlative Growths Resulting from Mutilation and Pruning," and many others. Drawings and sketches depict Stone's original designs and use of apparatus.

### Series 2. Reports and Articles

1890-1937, n.d.

Comprises various reports published by Stone and others on topics such as shade trees, plants in different parts of the United States, effects of light, smoke and ice storms on vegetation, and pruning and restoration of trees. Bound volumes of published clippings and articles authored by Stone, including his writings for *Arborea*, the bulletin of the Massachusetts Tree Wardens and Foresters Association, can also be found in this series.

### Series 3. College Papers and Lecture Notes

1899-1937, n.d.

Contains principally handwritten and typewritten lecture notes, college-related correspondence, reports, and some personal reminiscences of life at the Massachusetts Agricultural College. Many of the letters in this series are written by Stone to various State Commissioners of Education and the Presidents of the College, and concern the buying of land, location of future buildings, reorganizations of present departments, and future courses.

### Series 4. Subject Files and Correspondence

1894-1956, n.d.

Comprises biographical materials (resumes, genealogy, biography and tributes), a bibliography of published writings, materials documenting memberships in professional organizations and societies, professional directories, clippings, memorabilia, comments on Emily Dickinson, and miscellaneous correspondence. Much of Stone's correspondence was with former students and members of the numerous societies in which he was involved. These letters discuss municipal tree problems, legislation to establish licensing of arborists in Massachusetts, the valuation of shade and ornamental trees, and other related subjects.

Also in this series are nine albums of photographs, and two of printed illustrations labeled "cuts" by Stone. A few are Stone's personal photographs of himself, and presumedly his family and friends. However, most of the photographs relate to his life-long interest in the tree profession.

### Series 5. Psychic Research

1919-1937, n.d.

Contains numerous notes and clippings on what appears to have been a prime interest and hobby for Stone. There are clippings on such topics as television, mental telepathy, visual transmissions and various types of clairvoyance. Stone was a member of the American Psychical Society and the Boston Society of Psychic Research, and many of his papers are notes on experiments relating to these subjects.

### Series 6. Student Herbarium

1902-1905

The student herbarium of Waldo Barlow, displayed at the St. Louis Exposition of 1904.

## Inventory

### Series 1. Notes and Experiments

1892-1936, n.d.

Experiments on the Germination of Seeds

1906, n.d.

Box 1: 1

Experiments of Contact Stimulation

1904-1918, n.d.

Box 1: 2

Experiment: The Effects of Illumination Gas On Sycamores (2 copies) plus photographs, Effects of Cases On Trees and Vegetation (3 Copies), Growth Tables, Drawings: Mag. Experiments on Plants

1907-1936, n.d.  
Box 1: 3  
Notes on Hemlock, Measurements of, South Amherst Swamp  
1920-1921, n.d.  
Box 1: 4  
Notes: Experiment on Plant Correlative Growth  
1913, n.d.  
Box 1: 5  
Experimental Notes on Assorted Subjects  
1901-1921, n.d.  
Box 1: 6  
Transpiration Experiments  
1906, n.d.  
Box 1: 7  
Electricity and Plant Growth,  
1918-1931, n.d.  
Box 1: 8  
Experiments and Causes Defined,  
1907-1929, n.d.  
Box 1: 9  
The Effects of Gypsy Moth and Gas on Trees in New England  
n.d.  
Box 1: 10  
Notebook ("Diarium") of Experiments 144-244  
1892-1893, n.d.  
Box 1: 11  
Series 2. Reports and Articles  
1890-1937, n.d.  
Shade Tree Literature published by Stone and Co-Workers  
1913-1923, n.d.  
Box 2: 1  
Tree Planting's General Care  
n.d.  
Box 2: 2  
Report on Georgia; Condition of Vegetation  
1915  
Box 2: 3  
Virginia; Smelter Smoke Report, Related Correspondence and Maps  
1917  
Box 2: 4  
Report on the Condition of Vegetation on Staten Island, N.Y.  
1917  
Box 2: 5  
Reports Concerning Damage to Trees from Illuminating gas. Stone's report as consultant  
1907-1936, n.d.  
Box 2: 6  
The effects of illuminating gas on trees (Reports and related materials)  
1930-1934, n.d.  
Box 2: 7  
Report - Lightning Injury to Trees  
n.d.  
Box 2: 8  
1. Various Physical and Chemical Agencies which affect trees, 2. Variation of optimum Light in Course of Plant Development, 3.  
Need for Improved Methods in the treatment of Pests  
1934-1936, n.d.  
Box 2: 9  
Worcester County Highlands Report  
n.d.  
Box 2: 10

Factors Associated with Pruning and Restoration

1913-1924, n.d.

Box 3: 1

Restoration of Trees from Ice Storms

1921-1931

Box 3: 2

Miscellaneous Tree Reports

1929-1937, n.d.

Box 3: 3

Concord, Mass. Metcalf, Bartlett etc.; Shade Tree Conference- Correspondence; Related Correspondence

1924-1932, n.d.

Box 3: 4

Re: Evolution

n.d.

Box 3: 5

Publication by Stone

1897-1927, n.d.

Box 4: 1

Publications by Stone

1904-1917

Box 4: 2

Tree News; Some Articles about Stone

1929-1931

Box 4: 3

Publications by Others: Collected by Stone; Electricity and effects on Plants

1894-1917

Box 5: 1

Publications by Others: Bartlett Tree Co: Massachusetts Agricultural Experiment Station

1916-1937, n.d.

Box 5: 2

Vol.8., No.247 The American Florist (by Others)

1893

Box 5: 3

Publications by Others-, Bartlett Tree Lab.

1916-1934, n.d.

Box 5: 4

4 Bound Volumes of Articles

1890-1929

Box 6

4 Bound Volumes of Articles

1902-1927

Box 7

Series 3. College Papers and Lecture Notes

1899-1937, n.d.

College Related Correspondence, Articles and other Materials

1929-1937, n.d.

Box 8: 1

Concerning John Davey Correspondence and Related Materials

1924-1931, n.d.

Box 8: 2

Concerning M.A.C. to Comm. of Education

1926

Box 8: 3

Misc. Correspondence

1917-1936

Box 8: 4

Report on Graduates 1930s Massachusetts State College

Box 8: 5  
Concerning: President Hugh Baker  
1937  
Box 8: 6  
M.A.C. Grounds

Box 8: 7  
Shade- Tree Notes and Course Arrangement on that Subject  
n.d.

Box 8: 8  
Lecture Notes: Handwritten and Typescripts  
1899-1937

Box 8: 9  
Some Phases of Life at M.A.C. (Contains Personal Reminiscences)  
n.d.

Box 8: 10  
Shade Tree Management, 1893-1915, Course Introduction and Notes A & B.  
1893-1915

Box 14: 11  
Shade Tree Management, 1893-1915, Notes C, D, E

Box 14: 12  
Shade Tree Management, 1893-1915, Notes G (no F)

Box 14: 13  
Shade Tree Management, 1893-1915, Notes G

Box 14: 14  
Series 4. Subject Files and Correspondence  
1894-1956, n.d.  
Societies in which Stone Involved  
1928-1937

Box 9: 1  
The F.A. Bartlett Tree Dealings  
1920-1936, n.d.

Box 9: 2  
Consultant to F.A. Bartlett Tree Co., Complaint Against  
1931

Box 9: 3  
Massachusetts Tree Warden's and Forester's Association  
1913-1934, n.d.

Box 9: 4  
Data for Tree Warden Law (1923)  
1924, n.d.

Box 9: 5  
The Davey Tree Expert Co.  
1923-1928

Box 9: 6  
Massachusetts Forestry Association  
1900-1931, n.d.

Box 9: 7  
Connecticut Tree Protective Association  
1919-1930, n.d.

Box 9: 8  
State and Local Regulations Concerning Shade Trees

1899-1926, n.d.

Box 9: 9

Stone's Resumes and Personal Records; life histories; tribute

1927-1946, n.d.

Box 10: 1

Genealogy

1894-1937, n.d.

Box 10: 2

By Gordon King, 1957 Life; Organizations, Bibliography of Writings

1957

Box 10: 3

Memorabilia

1895-1956, n.d.

Box 10: 4

Memberships and Directories

1915-1933, n.d.

Box 10: 5

Invention

ca. 1913

Box 10: 6

Comments on Emily Dickinson and related material

1930-1931, n.d.

Box 10: 7

Miscellaneous Clippings

1902-1927, n.d.

Box 10: 8

Comments on Photos

1917

Box 10: 9

Envelope 1, Photographs 1-181

Box 10

Envelope 1, Photographs 182-357

Box 11

Envelope 2, Photographs 358-514

Box 11

Envelope 3, Photographs 515-687

Box 11

Envelope 4, Photographs 688-817

Box 11

Envelope 1, Photographs 818-1024

Box 12

Envelope 2, Photographs 1025-1293

Box 12

Envelope 3, Photographs 1294-1309

Box 12  
Envelope 5, "Cuts" Book 1

Box 12  
Envelope 6, "Cuts" Book 2

Box 12  
Envelope 7, Photographs Second Series 1-52

Box 12  
Series 5. Psychic Research  
1919-1937, n.d.  
Notes: Personal Impressions Transmissions  
n.d.

Box 13: 1  
Stone's Notes - Mental and Visual Transmissions  
1919-1933, n.d.

Box 13: 2  
Psychic Research  
1929-1932, n.d.

Box 13: 3  
Telepathy  
1935-1937, n.d.

Box 13: 4  
Clippings (photocopied) Concerning Psychic Phenomena,  
late 1800s - early 1900s

Box 13: 5  
Series 6. Student Herbarium  
1902-1905  
Waldo Barlow Herbarium

Box 13: 6

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## Administrative information

### Access

The collection is open for research.

### Provenance

### Processing Information

Processed by Charlotte Truesdale, 1975.

### Languages:

English, German

### Acknowledgments

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### Copyright and Use (More information )

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## Search terms

### Subjects

Botany--Massachusetts.

Dickinson, Emily, 1830-1886.

Horticulture--Massachusetts.  
Plant physiology--Massachusetts.  
Stone, George Edward.  
University of Massachusetts Amherst--Faculty.  
University of Massachusetts Amherst. Department of Botany.

### Contributors

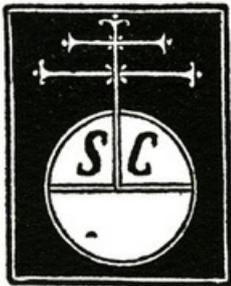
Stone, George Edward, 1860-1941 [main entry]  
Barlow, Waldo.

### Genres and formats

Herbaria.  
Photographs.

### Link to similar SCUA collections

Agricultural education  
Botany and horticulture  
Mass Agricultural College (1863-1931)  
UMass faculty



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