



Smithsonian Institution Archives

Joseph Henry Collection, 1808, 1825-1878,
and related papers to circa 1903

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Smithsonian Institution Archives
Washington, D.C.
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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Joseph Henry Collection
Identifier:	Record Unit 7001
Date:	1808, 1825-1878, and related papers to circa 1903
Extent:	40.67 cu. ft. (1 record storage box) (68 document boxes) (5 12x17 boxes) (3 16x20 boxes) (5 3x5 boxes) (32 microfilm reels)
Creator::	Henry, Joseph, 1797-1878
Language:	Language of Materials: English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Record Unit 7001, Joseph Henry Collection

Access Restriction

Microfilm available for most of the collection.

Historical Note

Joseph Henry (1797-1878), educator, investigator in physics, and first Secretary of the Smithsonian Institution, was born in Albany, New York, on December 17, 1797, to William and Ann Alexander Henry. He obtained a minimal education in Galway, where he lived for a time with his mother's brother, and in Albany. While in Galway Henry discovered the joy of reading and thus began his love of learning. After his father's death in 1811, Joseph returned to Albany and was apprenticed to John F. Doty, watchmaker and silversmith, where he worked until his master's business went under. During this time Henry also developed a strong interest in the theater and joined a group of young people who felt a similar calling. Until his chance encounter with *Popular Lectures on Experimental Philosophy, Astronomy, and Chemistry* by George Gregory turned him to science, Henry had planned a career in the theater.

As a result of his newly found interest in science, Henry set out to prepare himself for admittance into the advanced curriculum at the Albany Academy, an academic high school. He attended the Academy from 1819 until 1822, first passing the examination of the Academy with honors after seven months of preparation and then continuing on to more advanced studies. He took one year off during this time to teach in a rural school to earn money. This position was the only one for which he ever applied; thereafter employers would come to him.

For the ten years after Henry completed his education at the Albany Academy he was employed there in a variety of capacities ranging from lab assistant to teacher. During this time he was also a tutor of Henry James and of the children of General Stephen van Rensselaer. In 1825, Henry headed a leveling

party that was engaged by New York State to assist in the preparation of new road sites from the Hudson River to Lake Erie. In the spring of 1826 he was elected to the professorship of mathematics and natural philosophy at the Academy. While in this position he began research in a comparatively new field dealing with the relation of electric currents to magnetism. His first notable scientific accomplishment was his improvement of William Sturgeon's electromagnet, which he achieved by both insulating individual coils and developing multi-layer coils. During this time he also developed an electromagnet with the capacity to lift 750 pounds.

In 1830 Henry married his cousin, Harriet Alexander, a daughter of his mother's brother. All told they had six children. Four lived through infancy, although the only son, William Alexander, died in 1862. Their three surviving daughters were Helen, Mary, and Caroline.

In 1831 Henry developed the "little machine," or the electromagnetic engine. During this year he constructed the first electromagnetic telegraph. He was also responsible for the completion of an electromagnet for Yale University with the capacity to lift 2,300 pounds. The following year Henry published the results from his experiments that proved magnetism could produce electricity. The article was published in the *American Journal of Science* and was titled "On the Production of Currents and Sparks of Electricity and Magnetism." His article also described his discovery of electromagnetic self-induction.

Henry received an appointment to the chair of natural philosophy at the College of New Jersey, (Princeton University) in October of 1832. That same year he constructed for Princeton a magnet with the capacity to lift 3,500 pounds. At Princeton Henry continued his scientific experiments in electricity and magnetism as well as conducting research in terrestrial magnetism, meteorology, and other geophysical topics. Henry continued to be interested in these fields the rest of his life. He was elected to the American Philosophical Society in 1835, and often served as an officer.

In 1837 Henry took his first voyage to Europe. While on his six-month trip he visited England, France, Scotland, and Belgium and had the opportunity to meet a number of scientists including Michael Faraday. It was this experience that caused Henry to resume his former level of scientific research, which had significantly diminished between 1832 and 1837. Between the years 1838 and 1842 Henry did a good deal of research into the induction of one current by another. He also participated in the investigation of solar radiation and the heat of sunspots as well as becoming interested in the cohesion of liquids and capillarity. On November 2, 1838, Henry made a presentation before the Philosophical Society in which he delivered a paper that described his discoveries of inducing currents of the third, fourth, and fifth orders.

On December 3, 1846, Henry's appointment from the Board of Regents to the office of Secretary of the new Smithsonian Institution was announced. He left Princeton for Washington on December 14, 1846, to assume his position as first Secretary of the Smithsonian. Henry intended to follow the letter of James Smithson's will, which had left the funds to the United States to establish the Smithsonian Institution for "the increase and diffusion of knowledge." To Henry that meant supporting knowledgeable and skilled persons doing original research and providing for the dissemination of the findings from those and other experiments through periodical publications. To encourage this Henry established a system for the exchange of publications between nations. This plan was presented to the Board of Regents on December 8, 1847, with his first report as Secretary and was titled *Programme of Organization of the Smithsonian Institution*.

The first major scientific undertaking of the Institution was the Smithsonian Meteorological Project, which directed the systematic collection of data from all over the United States. It was proposed with Henry's *Programme of Organization*, built into the budget in 1848, and begun in 1849. Between the years 1853 and 1855 Henry consolidated his position by dismissing assistant secretary Charles Jewett, the Institution's librarian. Initially the Regents had worked out a division of the Institution's funds between research and collection. Jewett had become the Institution's advocate for development of a national library. Henry believed as much of the funds as possible should be used for research, and that the library should be only for support. Henry was able to maintain control.

In 1858 the Institution began accepting the national collections from the United States government. Until this time Henry had resisted the assumption of the collections because he was concerned about the Institution becoming too much a part of the government and because of the cost of their maintenance. The acceptance of these materials brought with it the beginning of direct federal funding. Under Henry the Smithsonian gained its reputation as the nation's attic.

The cornerstone for the Smithsonian Castle was laid on May 1, 1847. The building was completed in 1858, although the Henry family began to inhabit the east wing in 1855. A fire on January 24, 1865, destroyed the Upper Main Hall and primary towers including Henry's offices in the south tower, taking with it many of Henry's papers, both personal and official.

The telegraph was a major point of contention in Henry's life. Samuel Morse was not the only individual who made discoveries along the lines of the electromagnetic telegraph; Henry was also a contributor. However, Morse patented the electromagnetic telegraph in 1840. Henry did not oppose Morse by applying for his own patent because he believed that patents prevented the sharing of scientific information. The telegraph controversy was finally settled in 1857 when an investigative board stated that Morse's claims against Henry were "positively disproved." In 1849 Henry was elected to the post of president of the American Association for the Advancement of Science, an organization he helped to found. Henry received an appointment to the Light-House Board at the time of its establishment in 1852. During the course of his capacities as a Light-House Board member Henry devoted himself to research and experimentation in the fields of sound, light, fog, fog signals, and illuminating oils. In recognition of his efforts Henry was appointed the board's chairman in 1871, a position he held to his death.

Henry was also an original member of the National Academy of Sciences, formed in 1863. In 1866 he became its vice-president and in 1868 its president. The Philosophical Society of Washington was founded in 1871. Henry was involved in its establishment and served as its president. He held both these positions until his death in 1878.

Henry's second trip to Europe was in 1870. While on this four-and-one-half month voyage he visited England, Scotland, Ireland, Belgium, Switzerland, France, and Germany. The main purpose of this expedition was to attend an international conference on the metric standard in Paris and to testify on the administration of science in London.

In 1871 the Institution supervised Professor John Wesley Powell's federal expedition of the Colorado River. The expedition not only surveyed the area but also collected specimens of various kinds. The Philadelphia Centennial Exhibition of 1876 also had a substantial impact on Henry's Institution. The display of specimens at the International Exposition was the major activity of the Institution in 1876. Items from the Exhibition became permanent parts of the Smithsonian's holdings. These items so expanded the collections that a new Material Museum Building was planned, which opened in 1879.

In December 1877 Joseph Henry became ill with nephritis, and on May 13, 1878 he succumbed to his illness. Congress approved the erection of a memorial statue on June 1, 1880. William W. Story's bronze likeness of Henry was unveiled on April 19, 1883. At the International Congress of Electricians held in Chicago during the 1893 World's Fair the standard unit of inductance was named the 'henry' in honor of Joseph Henry.

For more extensive information on Joseph Henry's life, see *Joseph Henry--His Life and Work* by Thomas Coulson, Princeton University Press, Princeton, 1950; *Notes on the Life and Character of Joseph Henry* by James C. Welling, Collins Printer, Philadelphia, 1878; *A Memorial of Joseph Henry*, Government Printing Office, Washington, 1880; *Joseph Henry's Lectures on Natural Philosophy: Teaching and Research in Physics, 1832-1847* by Charles I. Weiner, University Microfilms, Ann Arbor, 1965; *A Scientist in American Life: Essays and Lectures of Joseph Henry*, edited by Arthur P. Molella, et al., Smithsonian Institution Press, Washington D.C., 1980; and *The Papers of Joseph Henry*, edited by Nathan Reingold, Maaet.al., eleven volumes, Smithsonian Institution Press, Washington D.C., and Science History Publications, Sagamore Beach, MA, 1972-2006. For more detailed bibliographical information consult the

articles on Joseph Henry by William F. Magie in the *Dictionary of American Biography*, Volume 4, pages 550-553, and by Nathan Reingold in the *Dictionary of Scientific Biography*, Volume 6, pages 277-281.

Chronology

<i>December 17, 1797</i>	Born in Albany, New York to William and Ann Alexander Henry
<i>circa 1806</i>	By this time residing in Galway, New York with relatives
<i>circa 1811</i>	Encounter with <i>Fool of Quality</i> by Henry Brooke
<i>October 1811</i>	William Henry dies
<i>circa 1812</i>	Returns to Albany
<i>circa 1813</i>	Apprenticed to John F. Doty, a watchmaker and silversmith
<i>circa 1813-1816</i>	Involved in the Green Street Theater of Albany
<i>circa 1815</i>	Encounter with <i>Popular Lectures on Experimental Philosophy, Astronomy, and Chemistry</i> by George Gregory, shifts interest to science
<i>1819-1822</i>	Attends the Albany Academy
<i>1825</i>	Heads a surveying party in New York State from the Hudson River to Lake Erie
<i>1826</i>	Elected to the professorship of mathematics and natural philosophy at the Albany Academy 28 April; inauguration to the professorship position, 11 September
<i>September 1827</i>	Starts work in electricity and magnetism
<i>May 3, 1830</i>	Married to Harriet Alexander
<i>1831</i>	Develops the "little machine," an electromagnetic engine; an electromagnetic telegraph; and an electromagnet with a 2,300 pound capacity
<i>1832</i>	"On the Production of Currents and Sparks of Electricity and Magnetism," published in the <i>American Journal of Science</i>
<i>October 1832</i>	Receives an appointment to the chair of natural philosophy at the College of New Jersey (Princeton University)
<i>1835</i>	Selected for membership in the America Philosophical Society
<i>May 14-August 10, 1837</i>	in Europe; Faraday and Henry meet
<i>1838</i>	Delivers paper on inducing currents of the third, fourth, and fifth orders before the Philosophical Society
<i>1838-1842</i>	Research done into the induction of a current by another current; solar radiation; heat of sunspots; cohesion of liquids and capillarity
<i>December 3, 1846</i>	Receives appointment from the Board of Regents to the position of Secretary of the Smithsonian Institution
<i>December 14, 1846</i>	Leaves Princeton for Washington, D.C.
<i>May 1, 1847</i>	Cornerstone of Castle laid

<i>December 8, 1847</i>	Presentation of <i>Programme of Organization of the Smithsonian Institution</i> before the Board of Regents
1849	Smithsonian Meteorological Project begins
1849	Elected president of the American Association for the Advancement of Science
1852	Receives appointment to Light House Board
1853-1855	Dispute with Charles Jewett over the nature of the Institution
1855	Castle building completed
1855	Henry family begins inhabiting the east wing of the Castle
1858	The Institution begins accepting the national collections from the United States Government
1863	An original member of the National Academy of Sciences
1866-1868	Vice-president of the National Academy of Sciences
1868-1878	President of the National Academy of Sciences
<i>June 1-October, 1870</i>	Voyage to Europe
1871	Becomes the first president of the Philosophical Society of Washington
1871	Appointed Light-House Board's chairman
1876	Institution displays specimens at the Philadelphia Centennial Exhibition
<i>December 1877</i>	Henry becomes ill with Nephritis
<i>May 13, 1878</i>	Joseph Henry dies
1880	Congress approves the erection of a memorial statue of Joseph Henry
<i>April 19, 1883</i>	Memorial statue by William W. Story unveiled
1893	Standard unit of inductance named the 'henry' in honor of Joseph Henry

Descriptive Entry

The Joseph Henry Collection documents Henry's personal, professional, and official life as well as some activities of his family members. Included are records from his time teaching and doing research at the Albany Academy (1826-1832) and at the College of New Jersey now Princeton University (1832-1846). There are likewise many materials from his years as the first Secretary of the Smithsonian Institution (1846-1878). Henry's records and materials from his time with various organizations are also included in the collection. The three main organizations with materials to document his involvement are the Philosophical Society of Washington (1871-1878), the National Academy of Science (1863-1878), and the Light-House Board (1852-1878). Some of the collection postdates Henry's life, including condolences to his family, memorial materials, newspaper clippings, as well as letters of relatives.

Series 4 is the first that contains original Henry materials, letterpress books, which postdate the Smithsonian Institution fire of 1865. Correspondence, both incoming and outgoing, is in the following two divisions. Many of the letters are science and academic related. Science correspondence is often

concerned with the telegraph, electricity, meteorology, light, and surveying. A portion of the letters are related to repairs of the Castle following the 1865 fire, to preparing to build what would be the Arts and Industries Building, as well as to Smithsonian activities. The volume of letters drops off considerably for the years 1854-1864, most likely due to the Smithsonian fire of 1865.

There is a good deal of materials related to Henry's scientific papers; both his notes and published materials as well as experimental data and science records. Copies of his lectures and lecture notes from his years at the Albany Academy and the College of New Jersey are also in the collection, as well as several student notebooks from his Princeton classes. There are also many addresses and reports and a copy of volume one of *Scientific Writings of Joseph Henry (1824-1846)*. In various places throughout the collection are copies of Henry's memorials in the forms of eulogies and memoirs. One series contains many invitations and notices in addition to honors and awards received by Henry. The invitations and notices are ordered alphabetically by sender. The honors and awards are in chronological order; none exist for the years 1853-1864.

Documenting Henry's scientific thoughts and ideas between the years 1835 and 1877 are his pocket notebooks, Series 7. The "Records of Experiments" (1834-1862) is the single longest sustained account of his experimentation. Henry kept desk diaries during his Smithsonian years, although not all survived; those that are available are listed in the contents of boxes 14 and 15. There is a three-volume set of notebooks documenting his 1837 trip to Europe; there is not such an extensive set of documentation for the 1870 European voyage. In two locations in the collection are extracts from the Locked Book, similar to a personal diary, for the years 1850-1876.

There are many papers and materials that postdate Henry's life, including copies of memorials from clubs and organizations to which he belonged, and one given during a session of the House of Representatives. There is a set of two bound scrapbooks titled *Henry Memorial*. The collection contains letters of condolence to the Henry family and materials related to the erection of a memorial statue and the naming of the standard unit of induction as the 'henry.'

In the same category as the postdated materials are those having to do with Joseph Henry's daughter Mary and are contained in Series 18 and 19. The "Mary A. Henry Memoir" division contains copies of letters, notes, and other Henry materials as well as her work at composing a memoir of her father. The last series of the collection is called "Family Papers" and contains the letters between Joseph and his wife Harriet, other family members and letters between family members after Henry's death.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Electricity
- Meteorology
- Physics

Types of Materials:

- Clippings
- Diaries
- Letterpress copybooks
- Manuscripts
- Scrapbooks

Names:

American Association for the Advancement of Science
Bache, A. D. (Alexander Dallas), 1806-1867
Coffin, James H. (James Henry), 1806-1873
Henry, Harriet A., 1808-1882
Henry, Joseph, 1797-1878
Henry, Mary A., 1834-1903
Joseph Henry Papers Project
National Academy of Sciences (U.S.)
Philosophical Society of Washington (Washington, D.C.)
Smithson, James, 1765-1829
Smithsonian Institution
Smithsonian Institution. Meteorological Project
Smithsonian Institution. Office of the Secretary
United States. Light-House Board

Container Listing

Series 1: ABSTRACTED LIST OF LETTERS AND PAPERS OF JOSEPH HENRY (HENRYANA) AND INDEX CARDS OF HUNTINGTON-HENRY.

This series contains Henryana. Henryana is an abstracted list consisting of 295 typewritten pages with in-depth descriptions of what is in the Joseph Henry Collection. In the letters section of Henryana each letter is given a paragraph. The first line of the paragraph tells whom the letter was to and whom it was from. The date and location of the writing of the letter are also told if known. What follows is a description of what information can be found in the letter. All the names mentioned in the letter are underlined for easy locating. Henryana also contains descriptions of other written materials in the collection including the Mary A. Henry Memoirs. The problem with Henryana is that the collection is no longer organized in the same manner and therefore, although the information is useful it is not easily accessible.

Box 1

Box 1 of 65	Folder 1 Henryana (pages 1-50)
Box 1 of 65	Folder 1A Henryana (pages 51-100)
Box 1 of 65	Folder 1B Henryana (pages 101-150)
Box 1 of 65	Folder 2 Henryana (pages 151-200)
Box 1 of 65	Folder 2A Henryana (pages 201-250)
Box 1 of 65	Folder 2B Henryana (pages 251-295)

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Series 2: INDEX CARDS TO MICHELLE ALDRICH'S "CALENDAR OF THE UNKNOWNNS."

Box 2

Box 2 of 65

(Four 4 x 6 boxes)

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Series 3: COPIES OF HENRY PAPERS FROM HUNTINGTON.

This series contains copies of materials contained at the Henry E. Huntington Library, in Pasadena, California. The copies are of items that Rhees removed from the premises during the course of his employment at the Smithsonian Institution. After his death his wife sold the materials he had collected instead of returning them to the Smithsonian. Rhees had collected the materials in the hopes of someday writing a biography of Joseph Henry. The division primarily contains copies of letters, biographical and autobiographical data, and cards indexing the letters.

Box 3

Box 3 of 65	Folder 1 Correspondence from Joseph Henry, 1847-1878 (copied from a letterpress book)
Box 3 of 65	Folder 2 Correspondence from Alexander Dallas Bache, 1844-1863
Box 3 of 65	Folder 3 Autobiographical data dictated to Rhees, January, 1869
Box 3 of 65	Folder 4 Collected biographical information on Joseph Henry and an attempt at a biography
Box 3 of 65	Folder 5 Miscellaneous notes
Box 3 of 65	Folder 6 Index cards of Huntington-Henry

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Series 4: OUTGOING LETTERS OF JOSEPH HENRY IN LETTERPRESS BOOKS, 1865-1878.

The contents of the series have been placed on microfilm. Researchers should use the microfilm edition of the three letterpress books.

Box 4

- Box 4 of 65 Folder 1 Private letters written by Joseph Henry, February 13, 1865-July 15, 1869
- [Digital Content: Joseph Henry's Letter to Thomas Hun, February 24, 1869 \(Image nos. SIA2012-6794 and SIA2012-6795\)](#)
- [Digital Content: Joseph Henry's Letter to Alexander Dallas Bache, August 18, 1865 \(Image nos. SIA2012-7640 to SIA2012-7643\)](#)
- [Digital Content: Joseph Henry's Letter to Felix Flugel, August 12, 1865 \(Image nos. SIA2012-6792 and SIA2012-6793\)](#)
- [Digital Content: Joseph Henry's Letter to Benjamin Peirce, February 25, 1867 \(Image nos. SIA2012-6796 and SIA2012-6797\)](#)
- [Digital Content: Joseph Henry's Letter to Isaac W. Jackson, March 23, 1867 \(Image nos. SIA2012-7638 and SIA2012-7639\)](#)

Box 4A

- Box 4A of 65 Folder 2 Private letters written by Joseph Henry, July 17, 1869-July 9, 1873
- [Digital Content: Joseph Henry's Letter to Felix Flugel, August 14, 1871 \(Image nos. SIA2012-7633 to SIA2012-7635\)](#)
- [Digital Content: Joseph Henry's Letter to John Tyndall, November 6, 1872 \(Image nos. SIA2012-7636 and SIA2012-7637\)](#)
- [Digital Content: Joseph Henry's Letter to Louis Agassiz, November 12, 1872 \(Image nos. SIA2012-7631 and SIA2012-7632\)](#)
- [Digital Content: Joseph Henry's Letter to Louis Agassiz, November 24, 1870 \(Image nos. SIA2012-7621 to SIA2012-7630\)](#)
- Box 4A of 65 Folder 3 Private letters written by Joseph Henry, July 11, 1873-May 3, 1878
- Box 4A of 65 Folder 4 Index Private Book, undated

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Series 5: CORRESPONDENCE WITH JAMES H. COFFIN, 1842-1873 AND UNDATED.

This series contains letters written between James Coffin and Joseph Henry. The main interest of these letters is meteorology and astronomy. They are a prime example of the intellectual discussion and debate that took place between the great scientific minds of the period. The intellectual communication ended only with Coffin's death in February 1873.

Box 5

Box 5 of 65	Folder 1 1842-1854 Digital Content: Smithsonian Budgets \$1,000 for Meteorology Program, March 19, 1848 (Image no. SIA2012-2724)
Box 5 of 65	Folder 2 1855
Box 5 of 65	Folder 3 1856
Box 5 of 65	Folder 4 1857
Box 5 of 65	Folder 5 1858
Box 5 of 65	Folder 6 1859
Box 5 of 65	Folder 7 1860
Box 5 of 65	Folder 8 1861-1873
Box 5 of 65	Folder 9 Miscellaneous

Box 6

Box 6 of 65	[No longer exists]
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Series 6: INCOMING AND OUTGOING CORRESPONDENCE, 1800-1878 AND UNDATED.

This series primarily contains correspondence written to Joseph Henry and by Joseph Henry. The correspondence covers the length of his professional life, from his days at the Albany Academy to his death while serving as Secretary of the Smithsonian Institution. The main subjects of the correspondence are science and experiment related. Specifically they regard the telegraph, electromagnetism, leveling, terrestrial magnetism, meteorology, astronomy, geophysics, and various topics in the general field physics. They help to illustrate Henry's increasing respect in the scientific community. The correspondence comes from many sources: from students, scientific organization members, university professors, and national and international scientists. In the first folder of box 7 there are a few letters written to Joseph Henry's father, William Henry, in the early years of Joseph Henry's life.

Box 7

Box 7 of 65	Folder 1 1800-1824
Box 7 of 65	Folder 2 1825
Box 7 of 65	Folder 3 1826
Box 7 of 65	Folder 4 1827
Box 7 of 65	Folder 5 1829
Box 7 of 65	Folder 6 1830
Box 7 of 65	Folder 7 January-May 1831
Box 7 of 65	Folder 8 June-December 1831 Digital Content: Joseph Henry's Letter to John R. Henry, July 9, 1831 (Image nos. SIA2012-2935 to SIA2012-2937) Digital Content: Joseph Henry's Letter to Parker Cleaveland, November 16, 1831 (Image nos. SIA2012-2938 to SIA2012-2940)
Box 7 of 65	Folder 9 January-March 1832 Digital Content: Joseph Henry's Letter to Edward Hitchcock, January 27, 1832 (Image nos. SIA2012-2941 to SIA2012-2943)
Box 7 of 65	Folder 10 April-June 1832
Box 7 of 65	Folder 11 July-December 1832
Box 7 of 65	Folder 12 January-June 1833
Box 7 of 65	Folder 13 September-December 1833
Box 7 of 65	Folder 14 January-June 1834
Box 7 of 65	Folder 15 July-December 1834
Box 7 of 65	Folder 16 January-June 1835

- Box 7 of 65 Folder 17 July-December 1835
- Box 7 of 65 Folder 18 January-June 1836
- Box 7 of 65 Folder 19 July-December 1836
- Box 7 of 65 Folder 20 January-March 1837
[Digital Content: Senior Class of the College of New Jersey's Letter to Joseph Henry, February 13, 1837 \(Image no. SIA2012-2944\)](#)
- Box 7 of 65 Folder 21 April-June 1837
- Box 7 of 65 Folder 22 July-December 1837
- Box 7 of 65 Folder 23 January-June 1838
- Box 7 of 65 Folder 24 July-September 1838
[Digital Content: Joseph Henry's Letter to the Editor of the Newark Daily Advertiser, August 1, 1838 \(Image nos. SIA2012-2932 to SIA2012-2934\)](#)
- Box 7 of 65 Folder 25 October-December 1838
- Box 7 of 65 Folder 26 January-March 1839
- Box 7 of 65 Folder 27 April-June 1839
- Box 7 of 65 Folder 28 July-December 1839
- Box 7 of 65 Folder 29 1840
- Box 8
- Box 8 of 65 Folder 1 January-March 1841
[Digital Content: Robert M. Patterson's Letter to Joseph Henry, January 27, 1841 \(Image no. SIA2012-2847\)](#)
- Box 8 of 65 Folder 2 April-June 1841
[Digital Content: Senior Class of the College of New Jersey's Letter to Joseph Henry, June 25, 1841 \(Image nos. SIA2012-2947 and SIA2012-2948\)](#)
- Box 8 of 65 Folder 3 July-December 1841
- Box 8 of 65 Folder 4 January-March 1842
[Digital Content: Joseph Henry's Letter to Samuel F. B. Morse, February 24, 1842 \(Image nos. SIA2012-2848 to SIA2012-2850\)](#)
- Box 8 of 65 Folder 5 April-June 1842
- Box 8 of 65 Folder 6 July-September 1842
- Box 8 of 65 Folder 7 October-December 1842

- Box 8 of 65 Folder 8 January-June 1843
[Digital Content: Chalk Drawing of an Earthquake contained in Henry D. Rogers' Letter to Joseph Henry, June 15, 1843 \(Image nos. SIA2012-2851 to SIA2012-2853\)](#)
- Box 8 of 65 Folder 9 July-September 1843
[Digital Content: Joseph Henry's Letter to M. W. Jacobus, July 19, 1843 \(Image nos. SIA2012-3623 to SIA2012-3625\)](#)
- Box 8 of 65 Folder 10 October-December 1843
[Digital Content: Joseph Henry's Letter to William Brooke O'Shaughnessy, October 30, 1843 \(Image nos. SIA2012-2854 and SIA2012-2855\)](#)
- Box 8 of 65 Folder 11 January - February 1844
- Box 8 of 65 Folder 12 March-June 1844
- Box 8 of 65 Folder 13 July-December 1844
- Box 8 of 65 Folder 14 January-March 1845
[Digital Content: Joseph Henry's Letter to James Lenox, March 18, 1845 \(Image nos. SIA2012-2863 to SIA2012-2866\)](#)
[Digital Content: Lewis R. Gibbes's Letter to Joseph Henry, March 1, 1845 \(Image nos. SIA2012-2856 to SIA2012-2859\)](#)
[Digital Content: Joseph Henry's Letter to Francis Dwight, March 3, 1845 \(Image nos. SIA2012-2860 and SIA2012-2861\)](#)
- Box 8 of 65 Folder 15 April-May 1845
- Box 8 of 65 Folder 16 June 1845
[Digital Content: Charles Phillips Letter to Joseph Henry, June 14, 1845 \(Image nos. SIA2012-2867 to SIA2012-2869\)](#)
[Digital Content: Lewis R. Gibbes's Letter to Joseph Henry, June 30, 1845 \(Image nos. SIA2012-2870 to SIA2012-2873\)](#)
- Box 8 of 65 Folder 17 July-September 1845
- Box 8 of 65 Folder 18 October-December 1845
- Box 8 of 65 Folder 19 January-March 1846
[Digital Content: Joseph Henry's Letter to James Rodney, March 25, 1846 \(Image nos. SIA2012-2879 to SIA2012-2886\)](#)
[Digital Content: Joseph Henry's Letter to Charles Wheatstone, February 27, 1846 \(Image nos. SIA2012-2874 to SIA2012-2878\)](#)
- Box 8 of 65 Folder 20 April-June 1846
[Digital Content: Robert M. Patterson's Letter to Joseph Henry, June 8, 1846 \(Image nos. SIA2012-2887 to SIA2012-2889\)](#)
- Box 8 of 65 Folder 21 July-September 1846

- Digital Content: Alfred Vail's Letter to Joseph Henry, July 17, 1846 (Image nos. SIA2012-2890 to SIA2012-2892)
- Digital Content: Joseph Henry's Letter to Benjamin Silliman, Jr., August 13, 1846 (Image nos. SIA2012-2893 to SIA2012-2895)
- Digital Content: Joseph Henry's Letter to Charles Francis McCay, August 25, 1846 (Image no. SIA2012-2896 to SIA2012-2898)
- Digital Content: Joseph Henry's Letter to William Leslie Harris, August 1846 (Image nos. SIA2012-3619 to SIA2012-3622)
- Box 8 of 65 Folder 22 October 1846
- Digital Content: Samuel F. B. Morse's Letter to Joseph Henry, October 17, 1846 (Image nos. SIA2012-2899 to SIA2012-2903)
- Box 8 of 65 Folder 23 November-December 5, 1846
- Box 8 of 65 Folder 24 December 7-15, 1846
- Box 8 of 65 Folder 25 December 17-31, 1846
- Digital Content: Francis M. Levison's Letter to Joseph Henry, December 29, 1846 (Image nos. SIA2012-2909 and SIA2012-2910)
- Digital Content: Joseph Henry's Letter to Gideon Hawley, December, 28, 1846 (Image nos. SIA2012-2904 to SIA2012-2908)
- Box 8 of 65 Folder 26 January-March 1847
- Digital Content: George Washington Smith's Letter to Joseph Henry, January 26, 1847 (Image nos. SIA2012-2911 and SIA2012-2912)
- Box 8 of 65 Folder 27 April-May 1847
- Box 8 of 65 Folder 28 June-July 1847
- Digital Content: Joseph Henry's Letter to Gideon Hawley, July 1, 1847 (Image nos. SIA2012-2913 to SIA2012-2915)
- Box 9
- Box 9 of 65 Folder 1 August-September 1847
- Digital Content: George Mifflin Dallas' Letter to Joseph Henry, August 6, 1847 (Image no. SIA2012-2925)
- Digital Content: Joseph Henry's Letter to George Mifflin Dallas, August 12, 1847 (Image nos. SIA2012-2926 to SIA2012-2928)
- Digital Content: Joseph Henry's Letter to George Mifflin Dallas, August 12, 1847 (Image nos. SIA2012-2929 to SIA2012-2931)
- Digital Content: Robert M. Patterson Letter to Joseph Henry, August 25, 1847 (Image nos. SIA2012-2922 to SIA2012-2924)
- Digital Content: Joseph Henry's Letter to Edmund Burke, September 11, 1847 (Image nos. SIA2012-2945 and SIA2012-2946)
- Box 9 of 65 Folder 2 October-December 1847
- Box 9 of 65 Folder 3 January 1848

Box 9 of 65	Folder 4 February 1848
Box 9 of 65	Folder 5 March 1848
Box 9 of 65	Folder 6 April 1848
Box 9 of 65	Folder 7 May 1848
Box 9 of 65	Folder 8 June 1848
Box 9 of 65	Folder 9 July 1848
Box 9 of 65	Folder 10 August 1848
Box 9 of 65	Folder 11 September 1848
Box 9 of 65	Folder 12 October 1848
Box 9 of 65	Folder 13 November 1848
Box 9 of 65	Folder 14 December 1848
Box 9 of 65	Folder 15 January 1849
Box 9 of 65	Folder 16 February 1849
Box 9 of 65	Folder 17 March 1849
Box 9 of 65	Folder 18 April 1849
Box 9 of 65	Folder 19 May 1849
Box 9 of 65	Folder 20 June 1849
Box 9 of 65	Folder 21 July 1849
Box 9 of 65	Folder 22 August 1849
Box 9 of 65	Folder 23 September 1849
Box 9 of 65	Folder 24 October 1849
Box 9 of 65	Folder 25 November 1849
Box 9 of 65	Folder 26 December 1849
Box 10	
Box 10 of 65	Folder 1 January 1850
Box 10 of 65	Folder 2 February 1850

Box 10 of 65	Folder 3 March 1850
Box 10 of 65	Folder 4 April 1850
Box 10 of 65	Folder 5 May 1850
Box 10 of 65	Folder 6 June 1850
	Digital Content: John Torrey's Letter to Joseph Henry, June 20, 1850 (Image nos. SIA2012-2919 to SIA2012-2921)
Box 10 of 65	Folder 7 July 1850
Box 10 of 65	Folder 8 August 1850
Box 10 of 65	Folder 9 September 1850
Box 10 of 65	Folder 10 October 1850
Box 10 of 65	Folder 11 November 1850
Box 10 of 65	Folder 12 December 1850
Box 10 of 65	Folder 13 January 1851
Box 10 of 65	Folder 14 February 1851
Box 10 of 65	Folder 15 March 1851
Box 10 of 65	Folder 16 April 1851
Box 10 of 65	Folder 17 May 1851
Box 10 of 65	Folder 18 June 1851
Box 10 of 65	Folder 19 July 1851
Box 10 of 65	Folder 20 August 1851
Box 10 of 65	Folder 21 September 1851
Box 10 of 65	Folder 22 October 1851
Box 10 of 65	Folder 23 November 1851
Box 10 of 65	Folder 24 December 1851
Box 11	
Box 11 of 65	Folder 1 January 1852
Box 11 of 65	Folder 2 February 1852

Box 11 of 65	Folder 3 March 1852
Box 11 of 65	Folder 4 April 1852
Box 11 of 65	Folder 5 May 1852
Box 11 of 65	Folder 6 June 1852
Box 11 of 65	Folder 7 July 1852
Box 11 of 65	Folder 8 August 1852
Box 11 of 65	Folder 9 September and October 1852
Box 11 of 65	Folder 10 November and December 1852 Digital Content: Asa Gray's Letter to Joseph Henry, December 6, 1852 (Image nos. SIA2012-2949 to SIA2012-2951)
Box 11 of 65	Folder 11 January-March 1853
Box 11 of 65	Folder 12 April-June 1853
Box 11 of 65	Folder 13 July-December 1853 Digital Content: Joseph Henry's Letter to Alexander Dallas Bache, September 7, 1853 (Image nos. SIA2012-3614 and SIA2012-3615)
Box 11 of 65	Folder 13A September 10, 1853 (added in Accession 99-073)
Box 11 of 65	Folder 14 1854
Box 11 of 65	Folder 15 1855-1856
Box 11 of 65	Folder 16 1857-1858
Box 11 of 65	Folder 17 Correspondence from James P. Espy, 1857
Box 11 of 65	Folder 18 1859-1862
Box 11 of 65	Folder 18A Joseph Henry to Francis Joseph Kron, March 26, 1861 (added in Accession 03-067)
Box 11 of 65	Folder 19 1863-1864
Box 11 of 65	Folder 20 January-March 1865
Box 11 of 65	Folder 21 April-June 1865
Box 11 of 65	Folder 22 July-December 1865
Box 11 of 65	Folder 23 January-June 1866
Box 11 of 65	Folder 24 July-December 1866

Box 11 of 65 Folder 25 January-June 1867
Box 11 of 65 Folder 26 July-December 1867
Box 11 of 65 Folder 27 January-June 1868
Box 11 of 65 Folder 28 July-December 1868

Box 12

Box 12 of 65 Folder 1 January-June 1869
[Digital Content: Joseph Henry's Letter to James Hadley, May 7, 1869 \(Image nos. SIA2012-2916 to SIA2012-2918\)](#)
Box 12 of 65 Folder 2 July-December 1869
Box 12 of 65 Folder 3 January-June 1870
Box 12 of 65 Folder 4 July-December 1870
Box 12 of 65 Folder 5 January-June 1871
Box 12 of 65 Folder 6 July-December 1871
Box 12 of 65 Folder 7 January-March 1872
Box 12 of 65 Folder 8 April-December 1872
Box 12 of 65 Folder 9 January-June 1873
Box 12 of 65 Folder 10 July-December 1873
Box 12 of 65 Folder 11 January-March 1874
Box 12 of 65 Folder 12 April-December 1874
Box 12 of 65 Folder 13 January-June 1875
Box 12 of 65 Folder 14 July-December 1875
Box 12 of 65 Folder 15 January-June 1876
Box 12 of 65 Folder 16 July-December 1876
Box 12 of 65 Folder 17 January-March 1877
Box 12 of 65 Folder 18 April-December 1877
Box 12 of 65 Folder 19 January-March 1878
Box 12 of 65 Folder 20 April-May 1878

[Digital Content: Joseph Henry's Letter to Joseph Patterson, April 19, 1878
\(Image nos. SIA2012-3617 and SIA2012-3618\)](#)

Box 12 of 65

Folder 21 Undated, A-K

Box 12 of 65

Folder 22 Undated, L-Z

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Series 7: POCKET AND DESK DIARIES AND NOTEBOOKS, 1835-1877; JOURNAL, 1826.

The information contained in this series spans a large portion of Joseph Henry's professional career and is mainly concerned with his scientific interests. The notebooks in this series contain information regarding his trips to Europe, including the names and addresses of persons he had met on his trips; other travel notes and thought; experimental notes; notes on fog, lard oil, terrestrial magnetism, the telegraph, and meteorology; and his jottings on his various thoughts as they occurred to him. The desk diaries contained in the series are records of who was seen or called upon, who was written to and whom letters were received from, as well as what transpired at various meetings and gatherings and what will need to happen at later get-togethers.

There is an extensive listing of the contents of the pocket notebooks, *Joseph Henry Miniature Notebooks*, located in the Joseph Henry Collection control file. There is also a paper by Liberty Lassiter entitled *The Pocket Notebooks of Joseph Henry 1833-77*.

Box 13

- | | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Box 13 of 65 | Folder 1 Journal, 1826. Notes of a tour from the Hudson River to Lake Erie in May and June of 1826. Canal Tower. |
| Box 13 of 65 | Folder 2 Pocket notebook, April-June 1833. Notes on terrestrial magnetism. |
| Box 13 of 65 | Folder 3 Pocket notebook, October 29, 1835. Notes on terrestrial magnetism. |
| Box 13 of 65 | Folder 4 Pocket notebook, post-1858. Equipment and experiment procedure notes. |
| Box 13 of 65 | Folder 5 Pocket notebook, 1837. Entry about visit with Dr. David Brewster; science experiment notes. |
| Box 13 of 65 | Folder 6 Pocket notebook, 1837. Drawings and notes pertaining to science. |
| Box 13 of 65 | Folder 7 Pocket notebook, circa 1870. Contains personal opinions of several subjects as well as notes on Addresses and scientific items and excursions and literature. |
| Box 13 of 65 | Folder 8 Pocket notebook, 1847. Henry's notes himself and lists of things to do. |
| Box 13 of 65 | Folder 9 Pocket notebook, 1848. Joseph Henry notation: "This notebook contains many of the germs of the operations of the S.I. jotted down not always at the time the idea was presented to the mind but generally so." |
| Box 13 of 65 | Folder 10 Pocket notebook, 1849. Contents similar that of the 1848 pocket notebook. |
| Box 13 of 65 | Folder 11 Pocket diary, 1851. Pocket sized weekly planner although it was also used as a notebook for personal notes. A Philadelphia and Trenton Railroad Co. free pass for Professor Henry and is dated 1848. |

Box 13A

- Box 13A of 65 Folder 12 Pocket notebook, 1854. Henry's notes to himself about what needs to be done and who and what he has seen. There are also sketches of apparatus.
- Box 13A of 65 Folder 13 Pocket notebook, post 1863. Nine pages on fog.
[Digital Content: Joseph Henry Notebook, Weather, post-1863](#)
- Box 13A of 65 Folder 14 Pocket notebook, 1865. Principally concerning lard oil.
[Digital Content: Joseph Henry Notebook, Oil and Oil Lamps, 1865](#)
- Box 13A of 65 Folder 15 Pocket diary, 1865. Pocket diary used as a notebook for personal notes.
[Digital Content: Joseph Henry's Pocket Diary, 1865](#)
- Box 13A of 65 Folder 16 Pocket notebook, 1865-1866. Experiment at New Haven, Connecticut notes and trip entries.
[Digital Content: Joseph Henry Notebook, Sound, Weather, 1865-1866](#)
- Box 13A of 65 Folder 17 Pocket notebook, 1866. Travel notebook from Henry's trip to Partridge Island, Canada.
[Digital Content: Joseph Henry Notebook, Sound, Ear Trumpets, Light Houses, 1866](#)
- Box 13A of 65 Folder 18 Pocket notebook, 1867. Cover marked "Inspection of Oil and Inspection of Meters for Spirits."
- Box 13A of 65 Folder 19 Pocket notebook, 1867. Math problems and odd notes.
- Box 13A of 65 Folder 20 Pocket notebook, August-October 1868. Notes taken at Cambridge, Massachusetts concerning meteorology.
- Box 13A of 65 Folder 21 Pocket notebook, 1866-1868. Experiments at Sandy Hook, New Jersey.
- Box 13A of 65 Folder 22 Pocket notebook, May 1868, September 1872, May 1875. Inspection of oil.
- Box 13A of 65 Folder 23 Pocket notebook, August-October 1868. Personal and science related notes taken while vacationing and traveling.
- Box 13A of 65 Folder 24 Pocket notebook, 1869. Visit to Georgia.
- Box 13B
- Box 13B of 65 Folder 25 Pocket notebook, 1869. Six pages on Telegraph.
- Box 13B of 65 Folder 26 Pocket notebook, 1869, 1872. Science notes.
- Box 13B of 65 Folder 27 Pocket notebook, 1870. Concerns second trip to Europe.

- Box 13B of 65 Folder 28 Pocket notebook, circa 1870. This notebook contains the names and addresses of men, most of who reside abroad. These names are listed under the heading of "Private Correspondence."
- Box 13B of 65 Folder 29 Pocket notebook, 1871. Barometer data book with no data entries, contains only words and numbers on front inside cover and math problems on back inside cover.
- Box 13B of 65 Folder 30 Pocket diary, 1871. Pocket diary used primarily as a notebook.
- Box 13B of 65 Folder 31 Pocket mini-notebook, 1871. Notes on beginning journey to Baltimore, dimensions of rails, and a list of seven men.
- Box 13B of 65 Folder 32 Pocket notebook, 1873. Relative to investigations of abnormal phenomena of sound, primarily at lighthouses.
- Box 13B of 65 Folder 33 Pocket mini-notebook, 1874. Notes taken while traveling to and at Little Gull and Race Rock.
- Box 13B of 65 Folder 34 Pocket notebook, 1874. Contains lists and plans as well as notes of what has been done and what needs to be done.
- Box 13B of 65 Folder 35 Pocket notebook of vacation notes, May-September 1875
- Box 13B of 65 Folder 36 Pocket notebook of vacation notes, September 1875
- Box 13C
- Box 13C of 65 Folder 37 Pocket notebook, circa 1876. Concerns experiments on sound at Gull Island. Notes on missionaries, Indians, and grammar and dictionary preparation.
- Box 13C of 65 Folder 38 Pocket notebook, February 1876. Cover marked "Notes on Burners." The burners are those of Elihu Doty and Isaac Funck. Handwriting in notebook does not appear to be that of Joseph Henry.
- Box 13C of 65 Folder 39 Pocket notebook, August 1876. Relative to experiments on fog signals and the aerial echo.
- Box 13C of 65 Folder 40 Pocket notebook, September 1876. Notes relative to lighthouses.
- Box 13C of 65 Folder 41 Pocket notebook, 1877. Contains notes on experiments on oil, predominantly Pease oil. Also concerns the introduction of kerosene oil.
- Box 13C of 65 Folder 42 Pocket notebook, 1877. Relative to experiments on fog signals. Also contains a calling card from Edward Hamilton that lists on the back the men who participated in the tunnel observations on September 8, 1877.
- Box 13C of 65 Folder 43 Pocket notebook, December 1867, September 1869, September 1874. This notebook is primarily concerned with experiments on different fog signals.

Box 13C of 65 Folder 44 Pocket notebook map of routes between Paris and London.

Box 14

Box 14 of 65 Folder 1 Desk diary, 1849

Box 14 of 65 Folder 2 Desk diary, 1850

Box 14 of 65 Folder 3 Desk diary, 1852

Box 14 of 65 Folder 4 Desk diary, 1858

Box 14 of 65 Folder 5 Desk diary, 1859

Box 14 of 65 Folder 6 Desk diary, 1865

[Digital Content: Joseph Henry's Daily Journal, 1865](#)

Box 14 of 65 Folder 7 Desk diary, 1866

[Digital Content: Excerpt from Joseph Henry's Desk Diary, October 10, 1866](#)

Box 15

Box 15 of 65 Folder 1 Desk diary, 1867

Box 15 of 65 Folder 2 Desk diary, 1868

Box 15 of 65 Folder 3 Desk diary, 1870

Box 15 of 65 Folder 4 Desk diary, 1871

Box 15 of 65 Folder 5 Desk diary, 1872

[Digital Content: Excerpt from Joseph Henry's Desk Diary, January 29, 1872
\(Image no. SIA2012-3176\)](#)

Box 15A

Box 15A of 65 Folder 6 Desk diary, 1875-1876

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Series 8: BOUND VOLUMES OF RESEARCH, SCIENCE, AND LECTURE NOTES; SCIENCE AND LECTURE NOTES; BOOKS OF LEVELS; "RECORD OF EXPERIMENTS," 1834-1862.

A typescript copy of selected passages from Joseph Henry's notes on magnetic induction can be found in the Smithsonian Archives' reading room. Albert Gluckman prepared this typescript.

Box 16

Bound Volumes of Science and Research Notes and Lectures

- Box 16 of 65 Folder 1 Henry's printed physics syllabus (part I) with interleaved notes
[Digital Content: Joseph Henry's Natural Philosophy Syllabus, 1844](#)
- Box 16 of 65 Folder 2 Natural philosophy notebook: hydrostatics and hydrodynamics
- Box 16 of 65 Folder 3 Natural philosophy notebook: heat and steam engine
- Box 16 of 65 Folder 4 Natural philosophy notebook: electricity
- Box 16 of 65 Folder 5 Natural philosophy notebook: electricity and magnetism
- Box 16 of 65 Folder 6 Natural philosophy notebook: light and sound

Box 16A

- Box 16A of 65 Folder 7 Natural philosophy notebook: principally mechanics. Table of contents of lectures and pages on inside cover.
- Box 16A of 65 Folder 8 Architecture notebook
- Box 16A of 65 Folder 9 Architecture notebook
- Box 16A of 65 Folder 10 Architecture notebook
- Box 16A of 65 Folder 11 A.S. Campbell's student notebook on natural philosophy, volume II (Lectures 30-45; 1, 5, 6); second half of notebook used by Henry

Box 17

- Box 17 of 65 Folder 1 Anonymous student notebook on natural philosophy, volume I
[Digital Content: Student Notes from Joseph Henry's Natural Philosophy Course, c. 1840s](#)
- Box 17 of 65 Folder 2 Anonymous student notebook on natural philosophy, volume II
- Box 17 of 65 Folder 3 Sylvester van Syckel student notebook on natural philosophy
- Box 17 of 65 Folder 4 Anonymous student notebook on natural philosophy
- Box 17 of 65 Folder 5 Science notes, "Aurora 22.23.57-62"

Box 17 of 65 Folder 6 Theory of electricity notebook, H.C. Pitney translation of Hauy

Box 17 of 65 Folder 7 Science notebook, "For the composition of an unchangeable cement"

Box 17A

Box 17A of 65 Folder 8 Research notebook with index in front cover. "J. Henry" on cover and end papers.

Box 17A of 65 Folder 9 Lecture notes, "See for Mr. Espy how blew..."

Box 17A of 65 Folder 10 Notebook of magnetic intensity and weather data

Box 17A of 65 Folder 11 "Stereographic projection of the sphere," September 1, 1821

Box 17A of 65 Folder 12 "Astronomical Problems," November 22, 1821

Box 17A of 65 Folder 13 Addresses of persons in Europe. Address book.

Box 18

Lectures and Notes by Joseph Henry

Box 18 of 65 Folder 1 Introductory remarks and first lecture
[Digital Content: Joseph Henry's First Lecture for his Natural Philosophy Course, c. 1840s](#)
[Digital Content: Introductory Remarks for Natural Philosophy Course, May 28, 1846](#)

Box 18 of 65 Folder 2 Lectures on Heat

Box 18 of 65 Folder 3 Lectures on Somatology, friction, mechanics, hydrostatics

Box 18 of 65 Folder 4 Lecture on the wave theory of light

Box 18 of 65 Folder 5 Lectures on steam

Box 18 of 65 Folder 6 Lectures on sound

Box 18 of 65 Folder 7 Lectures on magnetism, electricity, and the atmosphere

Box 18 of 65 Folder 8 Lectures on light

Box 18 of 65 Folder 9 Lectures on light continued

Box 18 of 65 Folder 10 Lectures on heat and light, electricity reading notes

Box 18 of 65 Folder 11 Lectures on air, light, statics, dynamics, curvilinear motion

Box 18 of 65 Folder 12 Geology: xylography drawings, lecture drafts

Box 18A

- Box 18A of 65 Folder 13 Geology course
- Box 18A of 65 Folder 13A Geology course
- Box 18A of 65 Folder 14 C. M. Wetherill and Joseph Henry Experiments on flow of liquids, 1865-1866

Box 19

- Box 19 of 65 Folder 1 Electricity and magnetism notes
- Box 19 of 65 Folder 2 Notes on electricity
- Box 19 of 65 Folder 3 Lectures on friction
- Box 19 of 65 Folder 4 Notes by W. B. Taylor and W. L. Nicholson
- Box 19 of 65 Folder 5 Notes by W. L. Nicholson
- Box 19 of 65 Folder 6 Optics
- Box 19 of 65 Folder 7 Notes for lectures on magnetism, galvanism, and electricity
[Digital Content: Joseph Henry's Notes on Magnetism and Electromagnetism, c. 1830s](#)
- Box 19 of 65 Folder 8 Notes of a paper on electricity
- Box 19 of 65 Folder 9 Miscellaneous jottings
- Box 19 of 65 Folder 10 Miscellaneous electricity and magnetism notes; closing lecture
[Digital Content: Joseph Henry's Closing Remarks for Natural Philosophy Course, April 25, 1846](#)
- Box 19 of 65 Folder 11 Miscellaneous
- Box 19 of 65 Folder 12 Lectures

The Peabody Lectures can be found in *Essays and Lectures of Joseph Henry*.
- Box 19 of 65 Folder 13 Lectures: Peabody lectures folder 1
- Box 19 of 65 Folder 14 Lectures: Peabody lectures folder 2
- Box 19 of 65 Folder 15 Lectures: Peabody lectures folder 3
- Box 19 of 65 Folder 16 Lectures: Peabody lectures folder 4
- Box 19 of 65 Folder 17 Lectures: Peabody lectures folder 5

Box 19 of 65 Folder 18 Lectures: Peabody lectures folder 6

Box 19 of 65 Folder 19 Examination August 1840

Box 20

Books of Levels

Box 20 of 65 Folder 1 Book of levels from Kingston to Lake Erie

Box 20 of 65 Folder 2 Levels from Kingston to Binghamton, 1825. Books of levels numbered 1, 2, 3, 4, 5, 6 and 7.

Box 20 of 65 Folder 3 Book of levels beginning at the village of Owego, October 1, 1825

Box 20 of 65 Folder 4 Book of levels from the Delaware to the Susquehanna Number 1

Box 20 of 65 Folder 5 Number 2, book of levels from Windsor to Station 7. Beginning at the water edge of the Susquehanna at the village of Oquago in the town of Windsor, ending at the 7th Station between Binghamton and Owego.

Box 20 of 65 Folder 6 Book number 2

Box 20 of 65 Folder 7 Book number 2 departing from Owego

Box 20 of 65 Folder 8 Book number 3 from Owego

Box 20 of 65 Folder 9 Number 3 Book of levels from station Number 7 to Owego. Beginning at Station No. 7 between Binghamton and Owego and ending at a sill 4.12 1/4 higher than the water edge of the Susquehanna at Owego.

Box 20 of 65 Folder 10 Book of levels Number 4, November 1, 1825. Commencing at the water edge at Portland Harbor of Lake Erie, ending near the height of ground between the Cosnadaga and Conawanga creeks.

Box 20 of 65 Folder 11 Number 4. "Duplicate of levels of James Henry and M. McPherson."

Box 20 of 65 Folder 12 Number 5 Book of Levels. Commencing near the height of ground between the Cosnadaga and Conawanga creeks, ending at Station 82.

Box 20 of 65 Folder 13 Number 6 Book of levels commencing at Station 82.

Box 20A

Box 20A of 65 Folder 14 Books of levels; Numbers 8, 9, 10, 11, 1, 3, 2. Book of Levels from between Binghamton and Owego to the town of Barton on the state road survey.

Box 20A of 65 Folder 15 James Henry's books of levels

Box 20A of 65 Folder 16 Book of Levels Number 3 from never-sink (State road survey) [copy]

Box 20A of 65 Folder 17 Pocket notebook, undated. Contains a map, accounts, lists of names, and Manner of Making the Great Cumberland road.

Box 21

Record of Experiments. Record of Experiments Volumes I-III have been published with, and as part of, *The Papers of Joseph Henry*.

Box 21 of 65 Folder 1 Volume I
[Digital Content: Joseph Henry's Record of Experiments Book 1, August 15, 1834 to September 1839](#)

Box 21 of 65 Folder 2 Volume II
[Digital Content: Joseph Henry's Record of Experiments Book 2, 1839-1842](#)

Box 21A

Box 21A of 65 Folder 3 Volume III
[Digital Content: Joseph Henry's Record of Experiments Book 3, 1842-1863](#)

Box 21A of 65 Folder 4 Data pamphlet, 1837-1839

Box 22

Electricity, Magnetism, and Telegraph Notes

Box 22 of 65 Folder 1 Notes on Electricity in a bound volume

Box 23

Box 23 of 65 Folder 1 Electricity and magnetism notes I

Box 23 of 65 Folder 2 Electricity and magnetism notes II

Box 23 of 65 Folder 3 Electricity and magnetism notes III

Box 23 of 65 Folder 4 Telegraph notes I

Box 23 of 65 Folder 5 Telegraph notes II

Box 23 of 65 Folder 5A Telegraph notes II

Box 23A

Box 23A of 65 Folder 6 Telegraph notes III

Box 23A of 65 Folder 7 Telegraph notes IV

Box 23A of 65

Folder 8 Handwritten page regarding Morse

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Series 9: EULOGY OF ALEXANDER DALLAS BACHE BY JOSEPH HENRY.

This series contains the various drafts and final copies of the eulogy of Alexander Dallas Bache that was prepared by Joseph Henry. Bache was born on July 19, 1806 and died on February 17, 1867. During his life he worked primarily in the field of physics, especially geophysics. Henry and Bache had become friends during the years when Henry was at Princeton and Bache was at the University of Pennsylvania, they remained close friends until Bache's death. Like Henry, Bache was a member of the American Philosophical Society, National Academy of Sciences, and the Light-House Board. Bache was also a member of the Smithsonian Institution's Board of Regents and was involved in persuading Henry to leave his position at Princeton and accept the Smithsonian appointment.

Box 24

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|--------------|-------------------------------------------------------------------------------|
| Box 24 of 65 | Folder 1 Eulogy of A.D. Bache by Joseph Henry. Early draft work I. |
| Box 24 of 65 | Folder 2 Eulogy of A.D. Bache by Joseph Henry. Early draft work II. |
| Box 24 of 65 | Folder 3 Eulogy of A.D. Bache by Joseph Henry. Later draft work III. |
| Box 24 of 65 | Folder 4 Eulogy of A.D. Bache by Joseph Henry. Published and longhand copies. |

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Series 10: ADDRESSES AND REPORTS; MATERIALS COMMITTED TO HONORING JOSEPH

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Series : Untitled

This series' contents are primarily addresses given by Henry and reports written by Henry. There are also drafts of articles and other scientific writings as well as several eulogy drafts. Towards the end of this series are located materials from after Henry's death in 1878: newspaper clippings of obituaries, information regarding the Joseph Henry Fund, a Henry Portrait, the 'henry' and the Henry Medallion, and recollections of Joseph Henry collected by Mary Henry and William Jones Rhees.

Box 25

Addresses and Reports

- | | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| Box 25 of 65 | Folder 1 National Academy of Science, History and Present character, undated |
| Box 25 of 65 | Folder 2 National Academy of Science, annual address, 1877 |
| Box 25 of 65 | Folder 3 National Academy of Science, address at the 11th session, undated |
| Box 25 of 65 | Folder 4 National Academy of Science, address at the 12th session, undated |
| Box 25 of 65 | Folder 5 National Academy of Science, draft of the address at the 12th session, undated |
| Box 25 of 65 | Folder 6 National Academy of Science, address, post Civil War (pages 1-35) |
| Box 25 of 65 | Folder 7 National Academy of Science, Report of the President 1876-1877 |
| Box 25 of 65 | Folder 8 National Academy of Science, address on the life of Justus Von Liebig, post Civil War (added to the Folder 6 address) |
| Box 25 of 65 | Folder 9 National Academy of Science, address, April 21, 1876 |
| Box 25 of 65 | Folder 10 National Academy of Science, report on weights and measures |
| Box 25 of 65 | Folder 11 Lecture prepared for the opening of an additional department at Princeton, 1873. I |
| Box 25 of 65 | Folder 12 Lecture prepared for the opening of an additional department at Princeton, 1873. II |
| Box 25 of 65 | Folder 13 National Academy of Science international standards commission, October 14, 1872. |
| Box 25 of 65 | Folder 14 National Academy of Science, undated |
| Box 25 of 65 | Folder 15 Moral influences on the polytechnic school, undated |
| Box 25 of 65 | Folder 16 Teachers Association meeting in the Smithsonian Institution, undated |
| Box 25 of 65 | Folder 17 Unidentified address draft, undated |

- Box 25 of 65 Folder 18 Museum related reports and addresses
- Box 25A
- Box 25A of 65 Folder 19 Ventilation reports and addresses
- Box 25A of 65 Folder 19A Ventilation reports and addresses
- Box 25A of 65 Folder 19B Ventilation reports and addresses
- Box 26
- Box 26 of 65 Folder 1 Chair of Mathematics at Albany Academy acceptance draft, 1826
[Digital Content: Joseph Henry's Inaugural Address to Albany Academy, September 11, 1826](#)
- Box 26 of 65 Folder 2 Fielding Bradford Meek funeral, December 22, 1876
- Box 26 of 65 Folder 3 Address to the association, undated
[Digital Content: Joseph Henry's Address to the American Association for the Advancement of Science, August 22, 1850 \(Image nos. SIA2012-7617 and SIA2012-7618\)](#)
- Box 26 of 65 Folder 4 Different sensibilities of eyes, undated
- Box 26 of 65 Folder 5 Ice period, undated
- Box 26 of 65 Folder 6 Columbia Institute for Deaf and Dumb (Gallaudet), November 16, 1864
- Box 26 of 65 Folder 7 Remarks by grave of Joseph Priestly [1874]. This can be found in *Essays and Lectures of Joseph Henry*.
- Box 26 of 65 Folder 8 Works of practical mechanics, undated
- Box 26 of 65 Folder 9 Eulogy of James M. Gillis, 1865
- Box 26 of 65 Folder 10 Civil Engineering for the Government, undated
- Box 26 of 65 Folder 11 Anthropology, 1877
- Box 26 of 65 Folder 12 Explosion of steam boilers, post 1875
- Box 26 of 65 Folder 13 Speech at Tyndall Banquet in honor of John Tyndall, February 1873
- Box 26 of 65 Folder 14 Notes of lecture on Change, undated
- Box 26 of 65 Folder 15 Rainfall in the United States, at a meeting in England, 1871
- Box 26 of 65 Folder 16 National Deaf-Mute College, April 19, 1876

- Box 26 of 65 Folder 17 Speech at dinner of Chamber of Commerce, New York, undated
- Box 26 of 65 Folder 18 Letter about Scientific Investigations of Joseph Henry while at Princeton, December 4, 1876
- Box 26 of 65 Folder 19 Draft of article on Induction
- Box 26 of 65 Folder 20 Lectures on the Smithsonian Institution before the Metropolitan Mechanics Institute [1853]. This can be found in *Essays and Lectures of Joseph Henry*.
- Box 26 of 65 Folder 21 Eulogy of Charles Willson Peale [1827]
- Box 26 of 65 Folder 22 Philosophical Society of Washington, 1871
- Box 26 of 65 Folder 23 Philosophical Society of Washington, 1874

Box 27

- Box 27 of 65 Folder 1 Philosophical Society of Washington, November 24, 1877.
- Box 27 of 65 Folder 2 Philosophical Society of Washington, Resolution on death of Louis Agassiz, undated.
- Box 27 of 65 Folder 3 Philosophical Society of Washington acceptance address draft, November 20, 1874
- Box 27 of 65 Folder 4 Philosophical Society of Washington acceptance draft, 1874
- Box 27 of 65 Folder 5 Philosophical Society of Washington address, 1872, 1877
- Box 27 of 65 Folder 6 Certificates noting the reception of materials by the Smithsonian Institution from the Academy of Natural Sciences, Philadelphia, 1855-1865
- Materials Committed to Honoring Joseph Henry's Memory
- Box 27 of 65 Folder 7 Henry Birth Date Substantiation, February 16, 1903
- Box 27 of 65 Folder 8 Letter to Mrs. Henry regarding the Joseph Henry Fund, June 3, 1878
- Box 27 of 65 Folder 9 Various newspaper clippings regarding Henry, post May 13, 1878
- Box 27 of 65 Folder 10 1870 Programs, Cards of Invitations from European Trip
- Box 27 of 65 Folder 11 Extracted writings by Henry from letters and papers as well as a listing of his scientific writings
- Box 27 of 65 Folder 12 Paper work regarding a Henry Portrait, April 1879
- Box 27 of 65 Folder 13 Henry color blindness charts, undated

- Box 27 of 65 Folder 14 Materials regarding the establishment of the 'henry,' post May, 1878
- Box 27 of 65 Folder 15 Extraction from a report on library and apparatus at Princeton College, November 13, 1890
- Box 27 of 65 Folder 16 Statement relative to books said to have been sold, belonging to Professor Henry, March 1, 1879
- Box 27 of 65 Folder 17 Henry Medallion, 1897
- Box 27 of 65 Folder 18 Recollections of Joseph Henry collected by Mary Henry and Rhees, post May 1878
[Digital Content: J. Halsey's Letter to William J. Rhees, May 21, 1883 \(Image nos. SIA2012-3051 to SIA2012-3065\)](#)

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Series 11: SCIENTIFIC NOTES AND PRINTED MATERIALS, MANUSCRIPTS AND PAPERS, POETRY, STUDENTS' NOTES ON HENRY'S LECTURES, NOTEBOOKS FROM HENRY'S 1837 VISIT TO EUROPE.

This series contains loose notes, notebooks, poetry, a manuscript, and other materials. Henry prepared all the materials found in this series, unless otherwise noted.

Box 28

- Box 28 of 65 Folder 1 Scraps of great importance from Albany Academy
- Box 28 of 65 Folder 2 Miscellaneous scientific notes
- Box 28 of 65 Folder 3 On frauds, Charlatans, etc. by Joseph Henry, undated
- Box 28 of 65 Folder 4 Miscellaneous
- Box 28 of 65 Folder 5 Scientific Notes
- Box 28 of 65 Folder 6 Unsorted material and scientific notes
- Box 28 of 65 Folder 6A Unsorted material and scientific notes
- Box 28 of 65 Folder 6B Unsorted material and scientific notes
- Box 28 of 65 Folder 6C Unsorted material and scientific notes
- Box 28 of 65 Folder 7 Albany Academy Miscellaneous Accounts, 1830-1831
- Box 28 of 65 Folder 8 Notes by Mary Henry on Joseph Henry's Association with the Albany Academy
- Box 28 of 65 Folder 9 Albany Academy Accounts for philosophical apparatus, 1827-1831
- Box 28 of 65 Folder 10 Apparatus related paper, August 1847 and correspondences, 1865-1866
- Box 28 of 65 Folder 11 Accounts 1837-1838

Box 29

- Box 29 of 65 Folder 1 Morse's application to renew patent on telegraph, 1854
- Box 29 of 65 Folder 2 Copies of Morse's patent, 1840 and 1846
- Box 29 of 65 Folder 3 Telegraph notes, 1850
- Box 29 of 65 Folder 4 Telegraph notes regarding Morse's patent, etc., 1826-1840
- Box 29 of 65 Folder 5 Telegraph notes, various dated

- Box 29 of 65 Folder 6 Telegraph memoranda and notes, undated
- Box 29 of 65 Folder 7 Telegraph notes, undated
- The manuscript contained in Folders 8 through 12 regards Henry's 1837 visit to Europe and contains copies of his notebook and diary entries while there.
- Box 29 of 65 Folder 8 Manuscript (pages 1-54)
- Box 29 of 65 Folder 9 Manuscript (pages 55-113)
- Box 29 of 65 Folder 10 Manuscript (pages 114-175)
- Box 29 of 65 Folder 11 Manuscript (pages 176-218)
- Box 29 of 65 Folder 12 Manuscript (pages 219-244, plus other materials)
- Box 29 of 65 Folder 13 Articles and clippings concerning Henry
- Box 29 of 65 Folder 14 Miscellaneous papers from Henry's 1837 Visit to Europe
- Box 29 of 65 Folder 15 Copies of diary and notebook pages from Henry's 1837 Visit to Europe
- Box 30
- Box 30 of 65 Folder 1 Smithsonian Institution notes and papers (Miscellaneous)
- Box 30 of 65 Folder 2 Meteorology (Auroras) A
- Box 30 of 65 Folder 3 Meteorology (Auroras) B
- Box 30 of 65 Folder 4 Religion
- Box 30 of 65 Folder 5 Moral and Philosophical
- Box 30 of 65 Folder 6 Education
- Box 30 of 65 Folder 7 Thoughts on Architecture. [1849] The contents of this folder can be found in the *Essays and Lectures of Joseph Henry*.
- Box 30 of 65 Folder 8 Weights and Measures
- Box 30 of 65 Folder 9 Power
- Box 30 of 65 Folder 10 Light and Vision
- Box 30 of 65 Folder 11 Liquids and Capillarity
- Box 30 of 65 Folder 12 Sound

- Box 30 of 65 Folder 13 Henry papers
- Box 30 of 65 Folder 14 Henry. Miscellaneous, small pieces for experiments.
- Box 30 of 65 Folder 15 Smithsonian Institution Account by Henry, 1853
- Box 30 of 65 Folder 16 Henry Illustrative Material
[Digital Content: Sketch of Philosophical Hall at the College of New Jersey, c. 1930s \(Image no. SIA2012-3616\)](#)
- Box 30 of 65 Folder 17 Poetry
- Box 31
- Box 31 of 65 Folder 1 Halsey notes on Philosophy, 1841-1842 Volume I
- Box 31 of 65 Folder 2 Halsey notes on Philosophy, 1841-1842 Volume II
- Box 31 of 65 Folder 3 William Cattell notes on Natural Philosophy, 1847
- Box 31 of 65 Folder 4 Notes on Philosophy [Oversize removed to Box 31A]
- Box 31 of 65 Folder 5 Student Work
- Box 31A
- Box 31A of 65 Folder 1 Notes on Philosophy
- Box 32
- Box 32 of 65 Folder 1 Notebook from 1837 trip to Europe, Volume I
- Box 32 of 65 Folder 2 Notebook from 1837 trip to Europe, Volume II
- Box 32 of 65 Folder 3 Notebook from 1837 trip to Europe, Volume III

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Series 12: LIGHT-HOUSE BOARD RELATED LETTERS, NOTEBOOKS, AND OTHER MATERIALS, 1855-1890 AND UNDATED.

The materials contained in this series are related to the Light-House Board. President Fillmore established the Light-House Board in 1852. It was at this time that Henry was appointed be a part of the Board. He continued to serve the Board in various capacities until the time of his death in May 1878. Henry did experimental and test work regarding light, sound, and fog signals, and lard and sperm oils. His Light-House Board work, along with other materials and letters, are contained in this series.

Box 33

- Box 33 of 65 Folder 1 1855-1858. Light-House at Point Bonita, North Head, San Francisco Bay California 1855-1856; Pamphlet titled "Instructions for testing sperm oil for the United States Light-House Establishment," 1858.
- Box 33 of 65 Folder 2 1861-1863. A list of the number of hours of fog at the stated days and the force and direction of the wind, July 1861 and August 1863; Data note 1862; Joseph Henry on Oils, in Boston, Massachusetts, September 28, 1863; Diagram of expansion of oil, December 1, 1863; Printed letter from Levin Myne Powell, U.S.N., to the members of the board on Fog-Signals, 1863; Statement of the number of hours of fog on the days stated, with the force and direction of the wind, September 1863-September 1866.
- Box 33 of 65 Folder 3 June 1864. Report of Professor Henry in behalf of the Committee on Experiments relative to inspection of Lard Oil. June 6; Buildings Special Committee on Staten Island, New York. June 6; Prevention of Damage to Vessels by Worms, June 11.
- Box 33 of 65 Folder 4 1865. Substituting Steam Whistles for Fog-bells at certain stations, January 21; Letter Henry from William A. Goodwin, March 13; Letter from Gisborne Paint Co. to Henry, March 20; Scrap of paper with paint sample, March 21; Office Light-House Engineer 3rd District, July 11; Fog-Signals, July 13; Observations on "Sunbeam" and "Narragansett," October 14; Observations on "Sunbeam," October 17; Memoranda, December 12; E. McKinney's method of burning petroleum.
- Box 33 of 65 Folder 5 1866. Griffiths Standard Head Light Oils, January 5; Letter to Andrew A. Harwood from Benjamin H. Lightfoot, January 24; Letter to Henry from W. A. Goodwin, February 1; Letter to W. B. Shubrick from John Allen, February 23; Experiments on candles, gas, lamps, etc., April 5; Report by Henry on Lard Oil offered by the N.Y. Manhattan Oil Company, April 20; Note by Charles M. Cresson, May 7; Letter to W. B. Shubrick from Dr. A. C. Vaughan, May 11; Oil from Meprs Vaughan and Guthrie by Henry, May 18; Letter to Henry from W. A. Goodwin, June 19; Letter to Henry from L. M. Powell, June 20; Telegram to Henry from L. M. Powell, July 5; Letter to L. M. Powell from Henry, July 7; Page from letterpress book, September 27; Letter to Henry from W. A. Goodwin, October 27; Letter to Henry from W. A. Goodwin, November 10; Letter, November 17; Ten Horse Power Steam Engine, December 3.
- Box 33 of 65 Folder 6 Report by Joseph Henry on the oil offered for inspection by the Manhattan Oil Co., 1866

- Box 33 of 65 Folder 7 1867. Kerosene lamp notes, March 14; Letter connected with J. Allen, March 18; Lamp notes dated March 21-22; Letter to John Torrey from John R. Wigham, March 23; Page dated April 16 to My Dear Dr. with no signature; Letter to Henry from John Butler, April 19; Letter to Henry from C. Tiers Myers, April 13; Letter to W. B. Shubrick from C. T. Myers, May 18; Letter to Henry from Gould Machine Co. dated May 24; Specific Gravity of Building Stone Offered for Waugashance Light House, August 9; Letter to Henry from H. Wilde, September 11; Letter to Henry from A. A. Harwood, September 28; Letter to Henry from Joseph Lederle, October 26; Letter to Henry from A. A. Harwood, December 10.
- Box 33 of 65 Folder 8 Oil offered for Inspection by the Manhattan Oil Co. N.Y. Submitted by Henry, April 19, 1867.
- Box 33 of 65 Folder 9 Lard Oil Offered by Manhattan Co. Submitted by Henry, September 26, 1867.
- Box 33 of 65 Folder 10 Trial of Fog-Signal, October 10-18, 1867. Both original and copy.
- Box 33 of 65 Folder 11 1868-1869. Photometric power of various kinds of lamps as compared with a standard sperm candle, October 30, 1868; Cover note for the trial of lamps dated November 3, 1868; Experiments in the Laboratory at the Staten Island Depot submitted by Henry, November 20, 1868; Small Lamps for Lard Oil on Lake Champlain, submitted by Henry, January 8, 1869; Letter to Captain A. Ludlow Case from John W. Williams, January 26, 1869; Petroleum Oil Use in Light-Houses submitted by Henry, February 12, 1869; Letter to Honorable O. N. Browning from Alex W. Randall, March 13, 1869; Fog-Signal at Yarmouth, Nova Scotia, submitted by Henry, May 21, 1869; J. R. Wigham's Patent Gas Apparatus submitted by Henry, June 7, 1869; Note dated June 30, 1869; Joseph Funck patent materials, August 17, 1869; Letter to W. B. Shubrick from J. E. Todhunter, September 18, 1869; Letter to Henry from J. Edmundson, October 23, 1869; Note relative to Light-House Board dated 1869.
- Box 33 of 65 Folder 12 Abstract of expenditures of oil, wicks, and chimneys, March 31, 1869-December 31, 1871
- Box 33 of 65 Folder 13 1870-1871. Letter to Henry from W. B. Shubrick, May 10, 1870; Letter to Robert Allen Esq. from Henry, 13, December 1870; Letter to Henry from A. C. Beazeley, September 28, 1871; Data chart dated, October 16, 1871; Report on Oil by Henry, October 1, 1871; Report on Light on Western Rivers, November 27, 1871.
- Box 33 of 65 Folder 14 Experiments upon Steam Whistles, made at Light House Depot, House Ld. Portland Harbor, Maine 1871 written on February 2, 1872
- Box 33 of 65 Folder 15 1872. Letter to Henry from C. Chandler, January 2; William M. Habirshaw note, January 12; Letter to Admiral Thornton A. Jenkins from Alex C. Beazeley, January 15; Letter to General J. C. Woodruff from J. Funck, January 24; Letter from A. C. Beazeley, February 23; March 15 *The Grocery News and Oil Journal* pages 115-116; Draft of letter to General James A. Garfield, March 21; Relative to the back work of the office of the Light-House Board, and a plan to bring it up within a year April and May; Letter to T. A.

Jenkins from A. C. Beazeley, June 20; Letter to Henry from A. C. Beazeley, June 20; Letter to A. C. Beazeley from George H. Elliot, July 22; Letter to Henry from Arnold B. Johnson, October 21; Letter to Henry from J. H. Strong, October 26; Bond of Indemnity to Henry from Hector Bayer, October; Letter to Henry from William Harkness, November 9; One page of notes.

Box 33 of 65 Folder 16 Originals of Professor Henry's on Sound and Fog-Signals, December 11, 1872

Box 34

Box 34 of 65 Folder 1 1873. Pamphlet "Application de l'huile minerale mars 29; Note dated May 1873; Tables dated July 1873; Last page of a paper "Investigations in regard to sound and fog signals," August 27; Notes on Fog-Signal experiments, August; *N.Y. Tribune* piece "Academy of Sciences," by Henry, October 23; Letter, November 15.

Box 34 of 65 Folder 2 Report on Inventions submitted to the Light-House Board as Improvements on Aids to Navigation by Henry, May 1873

Box 34 of 65 Folder 3 January-September 1874. Letter from John Wiley & Son, March 10; Executive Order regarding Rules Regulating Admissions to the Light-House Board from President U. S. Grant, March 29; Improved Method of Lighting Bridges on Western Rivers by Henry, March 30; Extract from Board Minutes, June 17; Fog-Signals 3rd District, June; J. P. Colne's Claim for Work for Float Chambers for Funck Lamps by Henry, August 6; Fog by Henry, August 8; Letter to a Major Peter C. Hains from A. B. Johnson, September 18;

Box 34 of 65 Folder 4 To be inserted in the appendix - Left out of the report of the Light-House Board, August 1874 (pages numbered 22-41)

Box 34 of 65 Folder 5 Draft of a report to the Honorable Benjamin Helm Bristow, Secretary of the Treasury of the Light-House Board, September 15, 1874

Box 34 of 65 Folder 6 Copy of an article by Henry on Fog-Signals for Barnard Cyclopedia, September 17, 1874

Box 34 of 65 Folder 7 Data sheets connected with September 23 and 24, 1874 aboard the "Cactus," "Mistletoe," and "Putnam"

Box 34 of 65 Folder 8 Memoranda of Woodruff and Davis from the September 1874 "Cactus," "Mistletoe," and "Putnam" journey

Box 34 of 65 Folder 9 Draft of Investigation relative to Fog-Signals on board the "Putnam," August and September 1874

Box 34 of 65 Folder 10 Small groups of pages not connectable to the larger groupings from September 1874 and "Cactus," "Mistletoe," and "Putnam"

Box 34 of 65 Folder 11 Single pages or part of pages or crossed out pages from September 1874 and "Cactus," "Mistletoe," and "Putnam"

- Box 34 of 65 Folder 12 Report submitted to the Honorable B. H. Bristow, Secretary of the Treasury of the Light-House Board, September 1874
- Box 34 of 65 Folder 13 October-December 1874. Report of the Operations of the Light-House Board Relative to Fog-Signals, Henry, October; "Notes on the Experiments in French and English Wicks at L.H. Depot, November 7" (3 pages); Letter to Henry from J. C. Woodruff, November 10; For Joseph Henry, Light-House Board Report of the Secretary of the Treasury, November 27; French and English Dioptric Lights, November; A Synopsis of British Gas Lighting Compiled from the *London Journal of Gas Lighting*; "Penton's Reversible Memorandum Book;" Group-Flashing Lights by J. Hopkinson; John Tyndall's report.
- Box 34 of 65 Folder 14 January-April 1875. Letter to Henry from J. C. Woodruff, January 28; Letter to J. C. Woodruff from J. Funck, January 28; Letter to J. C. Woodruff from J. Funck, February 8; Letter to Henry from P. C. Hains, February 12; Letter to Light-House Board from Mrs. G. W. Thomson, March 16; Memoranda from Henry, March 18; Letter to Henry from J. G. Walker, April 1; Letter to Henry from J. G. Walker, April 3; Letter to B. H. Bristow from Henry, April 22; Letter to B. H. Bristow from Henry, April 27; Letter to B. H. Bristow from Henry, April 28.
- Box 34 of 65 Folder 15 May - July 1875. Funck's project to substitute lens apparatus for reflectors on light ships by Henry, May 6; Report on investigation relative to the use of mineral oil for Light-House purpose by Henry, May 26; Comparative Table of Mineral Oils, May 28; Letter to Henry from the Manager of Elain Oil, May 31; Lighthouse apparatus diagrams, May; Extract from Light House Board Minutes, June 2; Lard Oil consumption per hour, June 2; Letter to Henry from J. C. Woodruff, June 4; Letter to Henry from R. Allen, June 25; Information sheet, July 5; "Meyer's Electrical Fog-Signal" by Henry, July 9; Letter to Henry from Orrin Dinsmore L.H., July 9; Lamp experiment data tables, July 29; Notes from Light-House Depot, Staten Island, New York July 31.
- Box 35
- Box 35 of 65 Folder 1 August 1875. Observations on board Light-House Steamer "Putnam," August 9; Instructions for 2nd experiment on board "Mistletoe" and "Putnam," August 9; Notes on Sound at Block Island, R.I., August 9; Notes taken on the 10th aboard "Putnam" and "Mistletoe;" Observations on board Light House Steamer "Putnam," August 10; List of figures, August 10; Letter to Henry from A. B. Johnson, August 28.
- Box 35 of 65 Folder 2 September 1875. Data and diagram sheets from the 2nd to the 8th at Little Gull Island connected with work from the "Mistletoe" and "Cactus;" Notes, data, and diagrams from Little Gull Island experiments from the "Mistletoe" and "Putnam," 2nd to 8th; Copy of letter to Captain C. P. Patterson from Henry, 16th; "Funck's and Doly's patents for Lamps for Mineral Oil in Lt. Houses," 18th.
- Box 35 of 65 Folder 3 Report materials connected with the "Cactus," "Mistletoe," and "Putnam" expeditions, August and September 1875; The investigations in August 1875 is in regard to sound in its relation to Fog-Signals at Block

- Island, R.I.; The investigation in regard to the effects of the wind (on sound); Experiments on the effect of elevations on the audition of sound; Experiments at Little Gull Island.
- Box 35 of 65 Folder 4 October - December 1875. Letter to Henry from J. C. Woodruff, October 30; Comparison between Balestier and Range lens, November 16; Letter to Henry from J. C. Woodruff, November 19; Letter to J. C. Woodruff from J. Funck, November 20; Letter to P. C. Hains from J. Kenward, November 22; Letter to Count D. de Sylva from J. Allen at Trinity House, November 24; Letter to Henry from P. C. Hains referring to the Committee on Experiments, papers relative to alleged inferiority of English Lenses, December 18; Diagrams relative to oil and lamps left out of the report 1875.
- Box 35 of 65 Folder 5 Investigations relative to Sound in its application to Fog-Signals in 1875, I ; Introduction pages 1-28; Investigations in August 1875 at Block Island, R.I., pages 29-54; Experiments on the effect of Elevation on the perception of Sound pages 55-80.
- Box 35 of 65 Folder 6 Investigations relative to Sound in its application to Fog-Signals in 1875, II; Investigations in regard to the effect of Wind on Sound at Block Island, R.I. pages, 81-105; Experiments at Little Gull Island, September 1875, pages 106-120; Experiments on the effect of Elevation on the perception of Sound at Little Gull Island, pages 120-134.
- Box 35 of 65 Folder 7 "Investigation Relative to Sound in its Application to Fog-Signals, by the U.S. Light-House Board, in 1875, Under Direction of the Chairman, Joseph Henry"
- Box 35 of 65 Folder 8 1876. Consumption of Lard and Kerosene Oils for the 1st and 2nd quarters of 1875-1876; Fauckners' Island Consumption of Kerosene 1875 and 1876; Letter to J. C. Woodruff from J. G. Walker, January 12; Letter to Henry from J. C. Woodruff, January 13; Letter to Henry from J. C. Woodruff, January 13; Letter to J. C. Woodruff from J. Funck, January 26; Letter to Henry from J. C. Woodruff, January 27; "S. 373. In the Senate of the United States, January 31, 1876;" Report on Lard and Mineral oils as light house illuminants, February 18; "S. 373. In the Senate of the United States, February 21, 1876;" Write up of Patent Office on J. Funck's improvements in burners for lighthouse lamps, March 22; Report on Illuminating Materials, April 8; Letter to Henry from W. P. McCann, April 24; "The Dioptric Lights of Chance brothers & Co.," May 1; Pocket notebook, June 29; Comparative Table of the Intensity of Lard and Mineral Oils, July; Experiments at Little Gull Island, August; Notes taken while at Little Gull Island, in August and September; Report on activities of summer of 1876; Letter to the Light-House Board from J. Williams, September 27; Letter to Henry from Dr. Stevenson, October 19; Diagram of the Caloric Engine, November 4; Write up of Patent Office on J. Funck's improvements in lamps, November 28.
- Box 35 of 65 Folder 9 Report of the Operations of the Light-House Board Relative to Fog-Signals by Henry, January 1877
- Box 35 of 65 Folder 10 1877. Report on Electric Lights for Buoys, March 13; Table of results of experiments on mineral oil, June 26-29; Note dated June 26; Accounts of Lard Oil and Kerosene Oil, June 30; "Researches at Light

House Depot S.I. June 1877;" Letter to Henry from O. N. Brooks, August 4; Letter to Henry from P. C. Hains, August 14; Letter to Henry from J. C. Woodruff, August 16; Notes on Block Island, R.I. observations, August 17; Note to Francis S. Pease from Lockwood Bro's & Holly, August 30; "Report to the Board from Light House Depot," August 30; Letter to Henry from J. C. Woodruff, August 30; Letter to Henry from F. S. Pease, August 31; Draft of a report to the Light-House Board, August; Letter to Henry from O. N. Brooks (light keeper), September 1; Note to Henry from W. R. Close, September 12; Table of Intensities of Different Portions of Flames, December 6-7; Notes on light intensity of flames for December 6-7; Letter to O. W. Poe from Edmond L. Woodruff, December 15; Write up by Patent Office on J. Funck's improvements in lamps, February 8; Letter to P. C. Hains from C. S. Whitman; Introduction to Report of Light-House Board for 1877.

Box 36

- Box 36 of 65 Folder 1 1878-1879. 1 page letter regarding the return of an original once it had been read, January 22, 1878; Letter to Henry from J. G. Walker, February 6, 1878; Report of Inspection of Lot No. 1 Lard Oil, May 2, 1878; Letter to Secretary of the Treasury from George Dewey, May 21, 1878; Pages regarding Henry after the time of his death, May 1878; Letter recommending an appropriation to be paid as compensation for services rendered the government by the late Professor Joseph Henry as a member of the Light-House Board, June 5, 1878; A Summary of Researches In Sound: Conducted in the Service of the United States Light-House Board, by Joseph Henry, During the Years 1865 to 1877, 1879.
- Box 36 of 65 Folder 2 1880-1890. Sound-Signals. by A. B. Johnson, 1884; Aberrations of Audibility of Fog-Signals, By A. B. Johnson, 1885; Letter to Mary Henry from A. B. Johnson, February 3, 1888; Letter to Mary Henry from A. B. Johnson, February 6, 1888; Letter to Mary Henry from A. B. Johnson, March 18, 1890; Letter to Mary Henry from A. B. Johnson, March 27, 1890.
- Box 36 of 65 Folder 3 Undated draft "On The Abnormal Phenomena of Sound in Relation to Fog-Signals on Behalf of U.S. Light-House Board," by Henry, (pages 1-37)
- Box 36 of 65 Folder 4 Re-organization, undated. Memorandum relative to Re-organization of the office of the Light-House Board; Plan for Re-organization of the Office of the Light-House Board.
- Box 36 of 65 Folder 5 Expedition description, undated
- Box 36 of 65 Folder 6 Report draft and remarks, undated. Report on the inventions submitted to the Light-House Board by Henry; Remarks on the introduction of lard oil; One page on reports by Henry.
- Box 36 of 65 Folder 7 Joseph Funck related materials, undated. Introductions to use J. Funck's float lamp, pages I to XIV; Description of J. Funck's float lamp, pages I to XIV; One page note regarding J. Funck.
- Box 36 of 65 Folder 8 Sound -- undated materials. Membranes as a means of analyzing sounds; Confusion of sound location; Writing on investigations on the subject

of the transmission of sound; Difficulty of locating loud sounds; Phenomena of sound; Various notes.

- Box 36 of 65 Folder 9 Fog and Fog-Signal -- undated materials. Notes on the fog-signals of France; Tests on fog-signals; "Brown's Siren Fog Signal;" Henry's notes on fog-signal costs; Synopsis of report on fog signals; Notes on fogs along the Eastern coast; Various notes.
- Box 36 of 65 Folder 10 Oil and gas -- undated materials. Joseph Henry on gas for Light-Houses; F. S. Pease's exposition of the manufacture of oils of different grades; New method of testing petroleum; Notes on oil by E. L. Woodruff; Different kind of lard; Notes on oil for Professor Renwarks; Different kinds of lard; "Methods of Testing Oil;" Kerosene specific gravity; Synopsis in regards to oils; Results of burning different oils 18 hours; Description of, and directions for making 15 gallons of mineral oil carriers and oilrans; Directions for making oilbutts; Various notes.
- Box 36 of 65 Folder 11 Lamp and light -- undated materials. Directions for using the mechanical lamps; J. A. Dailey's chemical illuminator; Lamps in use; Various notes.
- Box 36 of 65 Folder 12 Undated memoranda, notes and diagrams. Diagrams; Light-House file memo; Note to P. C. Hains from O. W. Poe; Memoranda taken from Light-House Board notebooks; Miscellaneous notes; Various notes.
- Box 36 of 65 Folder 13 Undated writings. Draft titled Williamson; Last two pages of letter to B. H. Bristow from Henry; Letter to the Light House Board from Henry; Report on the means of protecting the Light House at Minots Ledge from Lightening.

Box 37

- Box 37 of 65 Folder 1 Two oversized drawings on sound projection.

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Series 13: LETTERPRESS BOOK, DECEMBER 1867-JANUARY 1876.

The contents of this letterpress book are varied. It contains copies of letters, speech drafts, records of monetary accounts, and receipt copies. One letter is rather extensive and begins "In compliance with your request that I would give an account of my scientific researches during my connection with the College of New Jersey I furnished the following brief statement of my labors within the period mentioned (page 283)." Other letters are to the United States President, other political figures, and heads of organizations. The contents of this series are primarily of an official or business nature.

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Folder 1 Letterpress book, December 1867-January 1876

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Series 14: HONORS AND AWARDS, INVITATIONS AND NOTICES AND LOCKED BOOK EXTRACTS AS WELL AS CORRESPONDENCE, CLIPPINGS AND PASSPORTS.

This series contains extracts from the Locked Book that is similar to a personal diary. Folders 6 through 10 contain honors and awards arranged chronologically. Folders 12 through 21 contain invitations and notices arranged alphabetically. In Folders 26 through 29 honors, awards and memberships can be found in chronological order.

An alphabetical listing of groups and organizations giving honors and awards to Joseph Henry; and an alphabetical listing of groups and organizations issuing invitations and notices to Joseph Henry is in the Smithsonian Institution Archives control file.

Box 39

Box 39 of 65	Folder 1 Miscellaneous
Box 39 of 65	Folder 2 Mary Henry Correspondence
Box 39 of 65	Folder 3 Correspondences and math notes
Box 39 of 65	Folder 4 Extracts from the Locked Book and other sources, 1850-1862
Box 39 of 65	Folder 5 Extracts from the Locked Book and other sources, 1863-1876 Digital Content: Joseph Henry's Locked Book Entry, March 22, 1864 (Image no. SIA2012-3313) Digital Content: Excerpt from Joseph Henry's Locked Book, January 16, 1864 (Image nos. SIA2012-3314 to SIA2012-3316)
Box 39 of 65	Folder 6 Honors and Awards, 1830-1848
Box 39 of 65	Folder 7 Honors and Awards, 1849-1852
Box 39 of 65	Folder 8 Honors and Awards, 1865-1871
Box 39 of 65	Folder 9 Honors and Awards, 1873-1876
Box 39 of 65	Folder 10 Honors and Awards, undated
Box 39 of 65	Folder 11 Smithsonian Institution Management Debate 1855
Box 39 of 65	Folder 12 Invitations and Notices--American - Athenaeum
Box 39 of 65	Folder 13 Invitations and Notices--British - Government
Box 39 of 65	Folder 14 Invitations and Notices--College of New Jersey
Box 39 of 65	Folder 15 Invitations and Notices--Columbian College, Board of Trustees
Box 39 of 65	Folder 16 Invitations and Notices--Interior - Mississippi

- Box 39 of 65 Folder 17 Invitations and Notices--National Academy of Science - National Institute
- Box 39 of 65 Folder 18 Invitations and Notices--Pennsylvania - Toner
- Box 39 of 65 Folder 19 Invitations and Notices--Presbyterian Board of Publication
- Box 39 of 65 Folder 20 Invitations and Notices--Treasury Department Office of the Light-House Board
- Box 39 of 65 Folder 21 Invitations and Notices--Union - World
- Box 39 of 65 Folder 22 Newspaper clippings
- Box 39 of 65 Folder 23 List of honors and offices
- Box 39 of 65 Folder 24 Henry medals
- Box 39 of 65 Folder 25 Honors, Awards, and Memberships, 1833-1848
- Box 39 of 65 Folder 26 Honors, Awards, and Memberships, 1849-1852
- Box 39 of 65 Folder 27 Honors, Awards, and Memberships, 1865-1877
- Box 39 of 65 Folder 28 Honors, Awards, and Memberships, undated
- Box 39 of 65 Folder 29 Translated portion from Alexandre-Edmond Becquerel, Volume V. Second part, 1840 (pages 87-106)
- Box 39 of 65 Folder 30 Henry's passports for travel in Holland and France, 1837 and France, 1870 (copies - originals in Box 39A)
- Box 39 of 65 Folder 31 Order for Muskets issued by Secretary of War, April 20, 1861
[Digital Content: Simon Cameron's Letter to Henry Knox Craig, April 20, 1861 \(Image no. SIA2012-2952\)](#)
- Box 39A
- Box 39A of 65 Folder 1 Henry's passports for travel in Holland and France, 1837 and France, 1870 (oversize originals)

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Series 15: PUBLICATIONS: BY JOSEPH HENRY, FROM THE JOSEPH HENRY LIBRARY, MEMORIALS AND AN AUTOBIOGRAPHY, AND INFORMATION ON THE TELEGRAPH.

This series contains publications. The first two boxes contain copies of articles and scientific writings by Joseph Henry. The third box in the series consists of items that were extracted from the Joseph Henry Library and that date from after Henry's death in 1878. Various memorials as well as an autobiographical effort are included in the next box, all in published pamphlet form. The next box of this publications series contains telegraph information. Duplicate copies of the materials in the memorial and telegraph boxes are housed in the last box of this series.

Box 40

- Box 40 of 65 Folder 1 Directions for Meteorological Observations, 1870
- Box 40 of 65 Folder 2 Dew, Fog, Clouds; Hydro-meteorological phenomena, undated
- Box 40 of 65 Folder 3 Suggestions relative to Objects of Scientific Investigation in Russian America, 1867
- Box 40 of 65 Folder 4 A Summary of Researches in Sound, 1878
- Box 40 of 65 Folder 5 Annual Address Before The Philosophical Society of Washington, 1878
- Box 40 of 65 Folder 6 Contributions to Electricity and Magnetism by Joseph Henry, 1841
- Box 40 of 65 Folder 7 Contributions to Electricity and Magnetism by Joseph Henry, 1839
- Box 40 of 65 Folder 8 Thoughts on Education. The Introductory Discourse by Joseph Henry, December 1854. This item is contained in *Essays and Lectures of Joseph Henry*.
- Box 40 of 65 Folder 9 Publications undated (lists of papers that were signed out to the Joseph Henry Library in 6-7-74)

Box 41

- Box 41 of 65 Folder 1 Scientific Writings of Joseph Henry Volume I
- Box 41 of 65 Folder 2 Scientific Writings of Joseph Henry Volume II
- Box 41 of 65 Folder 3 Meteorology, 1855-1859

Box 42

- Box 42 of 65 Folder 1 "Nature," Thursday, May 31, 1888
- Box 42 of 65 Folder 2 Bound articles
- Box 42 of 65 Folder 3 The Celebration of the Seventy-fifth Anniversary of the founding of the Albany Academy, October 25, 1888

- Box 42 of 65 Folder 4 Joseph Henry Statue ceremony; The Place of Electrical Industries in History; William B. Clums vs. Charles H. Brewer
- Box 42 of 65 Folder 5 Bulletin of the Philosophical Society of Washington Volume II, October 10, 1874- November 2, 1878
- Box 42 of 65 Folder 6 "Flow of Water in Rivers and Canals" by D. Farrand Henry
- Box 42 of 65 Folder 7 Part II. Rational and Physical Mechanics.
- Box 43
- Box 43 of 65 Folder 1 The Princeton Memorial of Professor Henry
- Box 43 of 65 Folder 2 A memoir of Joseph Henry by William B. Taylor
- Box 43 of 65 Folder 3 Henry as a Discoverer. A Memorial Address by Alfred M. Mayer.
- Box 43 of 65 Folder 4 Joseph Henry. In Memoriam.
- Box 43 of 65 Folder 5 Proceedings of the Albany Institute, relative to the late Professor Joseph Henry, LL.D.
- Box 43 of 65 Folder 6 Memoir of Professor Joseph Henry, LL.D. by Rev. James C. Moffat
- Box 43 of 65 Folder 7 "The New York State Roots of Joseph Henry's National Career" by Nathan Reingold
- Box 43 of 65 Folder 8 "Joseph Henry" by Professor G. Macloskie
- Box 43 of 65 Folder 9 SUNY at Albany dedication of Joseph Henry Physics Building, October 4-5, 1968
- Box 43 of 65 Folder 10 Addresses at the Unveiling of the Joseph Henry Statue, 1884
- Box 43 of 65 Folder 11 Programs and invitations for the unveiling of the Joseph Henry Statue
- Box 43 of 65 Folder 12 Life and Work of Joseph Henry by Frank L. Pope
- Box 43 of 65 Folder 13 Autobiography of Joseph Henry
- Box 43 of 65 Folder 14 Science, April 22, 1887
- Box 43 of 65 Folder 15 Sketch of the Life and Contributions to Science of Professor Joseph Henry
- Box 43 of 65 Folder 16 Notes on the Life and Character of Joseph Henry by James C. Welling

Box 43 of 65 Folder 17 "An American Original" and "Meteorological Milestones: Chronology of the American Weather Services, 1644-1970" by Gordon and Breach, Science Publishers, Inc., 1970

Box 43 of 65 Folder 18 Newspaper clippings following death of Joseph Henry

Box 44

Box 44 of 65 Folder 1 Extracts relative to the Electro-Magnetic telegraph

Box 44 of 65 Folder 2 The Telegraph Historical Society

Box 44 of 65 Folder 3 "Butterfield Lectures" by Alonzo B. Cornell

Box 44 of 65 Folder 4 "Joseph Henry and the Magnetic Telegraph" by Edward N. Dickerson

Box 44 of 65 Folder 4A "Joseph Henry and the Magnetic Telegraph" by Edward N. Dickerson

Box 44 of 65 Folder 5 An Historical Sketch of Henry's Contribution to the Electro-Magnetic telegraph by William B. Taylor

Box 44 of 65 Folder 6 First Telegraph case before the United States Supreme Court

Box 44 of 65 Folder 7 Henry O'Rielly on the Electro-magnetic telegraph, 1871

Box 45

Memorial and Telegraph Publication Duplicates

Box 45 of 65 Folders 1-10 "Joseph Henry and the Magnetic Telegraph" (hardback copies)

Box 45A

Box 45A of 65 Folders 11-12 "Joseph Henry and the Magnetic Telegraph" (softbound copies)

Box 45A of 65 Folder 13 Albany Almanac, 1876

Box 45A of 65 Folder 14 Suggestions Relative to Objects of Scientific Investigation in Russian America (3 copies)

Box 45A of 65 Folder 15 Sketch of the Life and Contributions to Science of Professor Joseph Henry, LL.D. (6 copies)

Box 45A of 65 Folder 16 A Memoir of Joseph Henry, A Sketch of His Scientific Work

Box 45A of 65 Folder 17 Program "Unveiling the Statue of Joseph Henry" (12 copies)

Box 45A of 65 Folder 18 Addresses at the Unveiling of the Joseph Henry Statue (7 copies)

- | | |
|---------------|------------------------------------------------------------------------------------------|
| Box 45A of 65 | Folder 18A Addresses at the Unveiling of the Joseph Henry Statue (7 copies) |
| Box 45A of 65 | Folder 19 Congressional Record - Memorial Exercises in Honor of Joseph Henry (10 copies) |

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Series 16: MEMORIALS, OF JOSEPH HENRY AND OF JOSEPH SAXTON BY JOSEPH HENRY.

This series contains memorial materials. Box 46 and Box 47 contain materials related to Joseph Henry's death. Specifically, there are copies of addresses, letters, memorials, and paper work relevant to preserving his memory and paying respects. Box 48 consists of a draft and final copy of the memorial of Joseph Saxton that was prepared by Joseph Henry.

Box 46

Memorials of Joseph Henry

- Box 46 of 65 Folder 1 Henry - Albany Centennial Celebration
- Box 46 of 65 Folder 2 Henry - Condolence letters
- Box 46 of 65 Folder 3 Henry - Smithsonian Institution Announcements of Death
- Box 46 of 65 Folder 4 Henry's Death, Burial Clippings/Memorials
- Box 46 of 65 Folder 5 Henry - Proceedings of the Albany Academy, May 14, 28, 1878
- Box 46 of 65 Folder 6 Henry - Recollections by Daughter(s)
- Box 46 of 65 Folder 7 Henry - Death recollections by Daughter(s)
- Box 46 of 65 Folder 8 Memorial Services House of Representatives, January 16, 1879
- Box 46 of 65 Folder 9 Henry - Memorial Volume memo
- Box 46 of 65 Folder 10 Henry - Resolution by St. Elizabeth's Hospital
- Box 46 of 65 Folder 11 Henry - Memorial Discourse by Rev. Clay Macauley
- Box 46 of 65 Folder 12 Henry - Pages from Annual Report on Statue, Memorial Volume, *Scientific Writings*
- Box 46 of 65 Folder 13 Henry - Tomb at Oak Hill Cemetery Washington, D.C. (copy - original in Box 46A)
- Box 46 of 65 Folder 14 Henry - Princeton Memorial
- Box 46 of 65 Folder 15 Henry - Albany Academy Alumni Resolution, 1902
- Box 46 of 65 Folder 16 Statue by William Wetmore Story I (copy - original in Box 46A)
- Box 46 of 65 Folder 17 Statue by William Wetmore Story II

Box 46A

- Box 46A of 65 Folder 1 Plan of Henry Monument (oversize original)

- Box 46A of 65 Folder 2 Plan of Henry Monument - Base of Henry Statue (oversize original)
- Box 47
- Box 47 of 65 Folder 1 Henry Memorial. Original Papers, 1878.
- Box 47A
- Box 47A of 65 Folders 1-2 Henry Memorial. Scrapbook, 1878.
- Box 48
- Memorial of Joseph Saxton by Joseph Henry
- Box 48 of 65 Folder 1 Henry's memoir, First Draft
- Box 48 of 65 Folder 2 Henry's memoir, Second Draft I
- Box 48 of 65 Folder 3 Henry's memoir, Second Draft II
- Box 48 of 65 Folder 4 *Biographical Memoir of Joseph Saxton* by Joseph Henry, 1876 (final)
- Box 48 of 65 Folder 5 *Biographical Memoir of Joseph Saxton* by Joseph Henry, 1876 (printed but not final)
- Box 48 of 65 Folder 6 Miscellaneous notes regarding Joseph Saxton
- Box 48 of 65 Folder 7 Letters, Newspaper clippings, and Reports regarding Joseph Saxton

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Series 17: CORRESPONDENCE AND NON-CORRESPONDENCE PULLED FROM MARY HENRY PAPERS AND OTHER LOCATIONS.

This series contains both correspondence and non-correspondence. The correspondence consists of both copies and holographs pulled from the materials that had been in Mary Henry's possession. The non-correspondence consists of items that were pulled from the correspondence chronology, frequently they were materials sent with a letter.

Box 49

- | | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Box 49 of 65 | Folder 1 Non-correspondence pulled from Joseph Henry Collection's correspondence chronology
Digital Content: Hotel de Normandie Newspaper Clipping, 1837 (Image no. SIA2012-3551)
Digital Content: British Museum Ticket, April 3, 1837 (Image no. SIA2012-3552)
Digital Content: Laboratory of Science Ticket, 1837 (Image no. SIA2012-3553) |
| Box 49 of 65 | Folder 2 Joseph Henry Papers Film as supplement and then interfile
Digital Content: Society of Arts Ticket, 1837 (Image no. SIA2012-0050)
Digital Content: A business card for an optician in Paris, a souvenir from Joseph Henry's 1837 tour of Europe. (Image no. SIA2012-1000)
Digital Content: Cary Instrument Maker Business Card, 1837 (Image nos. SIA2012-7615 and SIA2012-7616)
Digital Content: Asa Gray to Joseph Henry, letter dated October 7, 1876 (Image no. SIA2009-1214) |
| Box 49 of 65 | Folder 3 Joseph Henry holographs from Mary Henry's Memoirs I |
| Box 49 of 65 | Folder 4 Joseph Henry holographs from Mary Henry's Memoirs II |
| Box 49 of 65 | Folder 5 Mary Henry copies, originals in Joseph Henry Papers I |
| Box 49 of 65 | Folder 6 Mary Henry copies, originals in Joseph Henry Papers II |
| Box 49 of 65 | Folder 7 Typed copies of correspondence |
| Box 49 of 65 | Folder 8 Miscellaneous, unidentified |

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Series 18: MARY A. HENRY DIARIES, JOURNALS, AND NOTEBOOKS (AUTHORSHIP IS SOMETIMES QUESTIONABLE).

This series consists of some of Mary Henry's private papers. The materials were donated to the Smithsonian by Caroline Henry after her sister Mary's death in 1902.

Box 50

- Box 50 of 65 Folder 1 Map of Paris Environs, 1837
- Box 50 of 65 Folder 2 Autograph collection of Mary Henry
- Box 50 of 65 Folder 3 Poetry notebook
- Box 50 of 65 Folder 4 Pocket notebook, June
- Box 50 of 65 Folder 5 Flip top notebook with notes
- Box 50 of 65 Folder 6 Large bound book presented to the Smithsonian Institution by Charles Lee Frank on March 4, 1927
- Box 50 of 65 Folder 7 Collection of important letters of Mary Henry

Box 51

- Box 51 of 65 Folder 1 *Letter Copy Book*, December 16, 1884-May 12, 1896
- Box 51 of 65 Folder 2 Diary of Mary Henry, January 1, 1864-1868
[Digital Content: Mary Henry Diary, 1864-1868: This diary spans the years of 1864-1868 and covers life in the Washington, D.C. Mary lived with her family in the Smithsonian Institution Building, or Castle, and witnessed the tumultuous years of the Civil War, its impact on Washington and the reconstruction of the country. Her entries include details of visitors to the Castle, her father's work with the Smithsonian, and events of the Civil War.](#)
- Box 51 of 65 Folder 3 Diary of Mary Henry, 1858-1863
[Digital Content: Mary Henry Diary, 1858-1863: This diary spans the years of 1858-1863 and covers life in the Washington, D.C. Mary lived with her family in the Smithsonian Institution Building, or Castle, where she was the at the center of D.C. events. Her entries include details of visitors to the Castle, her father's work with the Smithsonian, and the beginning years of the Civil War.](#)
- Box 51 of 65 Folder 4 Journal "Left New York June 14 in the steamer 'Teutonic'"

Box 51A

- Box 51A of 65 Folder 5 Journal "Left Cairo the morning of Jan. 2nd in the little steamer 'Prince Abbot'"
- Box 51A of 65 Folder 6 Journal "Sailed from New York in the steamer 'Serria'"

- Box 51A of 65 Folder 7 Journal "April 14th A clear sunny morning. We walked to the church of Saint Maria Novella"
- Box 51A of 65 Folder 8 Journal "Left New York June 4th in the steamer 'Aurania'"
- Box 51A of 65 Folder 9 Journal of a travel nature

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Series 19: MARY A. HENRY MEMOIR

This series, like series 18, contains materials donated to the Smithsonian by Caroline Henry after Mary Henry's death in 1902. The donated materials consist of Mary's collection of her father's papers and Mary's manuscript materials from her work on a biography of her father. Several chapters were drafted before the project was discontinued as a result of Mary's failing health and her dissatisfaction with Professor Hopkins, the man who the Smithsonian arranged to assist Mary in composing the biography.

Box 52

The outline (called "Table of Contents") is organized in chronological order by years. Under the year headings there are various subject headings. In some of the cases a page number or chapter number can be found after the subject denoting its intended location.

- Box 52 of 65 Folder 1 "Table of Contents"- Outline, early life until 1833
- Box 52 of 65 Folder 2 "Table of Contents"- Outline, 1834-1838
- Box 52 of 65 Folder 3 "Table of Contents"- Outline, 1838-1840
- Box 52 of 65 Folder 4 "Table of Contents"- Outline, 1840-1842
- Box 52 of 65 Folder 5 "Table of Contents"- Outline, 1842-1844
- Box 52 of 65 Folder 6 "Table of Contents"- Outline, 1845-1847; 1851; 1855; 1862-1863
- Box 52 of 65 Folder 7 "Table of Contents"- Outline of the early pages of the memoir

These folders contain typed copies of various Henry letters and notes. When a diagram was contained in the original document it has been cut out and pasted to the copy. The copies have been marked up to note what sections are to be inserted into the memoir.

- Box 52 of 65 Folder 8 1833-1836, Copies of Joseph Henry letters and notes
- Box 52 of 65 Folder 9 1834-1836, Copies of Joseph Henry letters and notes
- Box 52 of 65 Folder 10 1834-1836, Copies of Joseph Henry letters and notes (items that may be added depending upon room)
- Box 52 of 65 Folder 11 1835-1836, Copies of Joseph Henry letters and notes
- Box 52 of 65 Folder 12 April and July 1837, Copies of Joseph Henry letters and notes
- Box 52 of 65 Folder 13 1837, Copies of Joseph Henry letters and notes
- Box 52 of 65 Folder 14 1838, Copies of Joseph Henry notes (pages 32-56)
- Box 52 of 65 Folder 15 1838, Copies of Joseph Henry notes (pages 57-79)

The science notes are typed copies of no longer existing originals. Diagrams are pasted down to the pages. It is believed that the diagrams were cut from the original documents. Sections are marked up for insertion into the memoir and chapter numbers are denoted in the margins. The page numbers noted are typed in the upper right hand corner. They present an order in which to place the materials.

- Box 52 of 65 Folder 16 1838, Copies of science notes (Originals are located in the Joseph Henry Papers)
- Box 52 of 65 Folder 17 1838, Copies of Joseph Henry materials along with a year outline
- Box 52 of 65 Folder 18 May-October 1839
- Box 52 of 65 Folder 19 1839, Letter and science writing copies
- Box 52 of 65 Folder 20 1840, Copies of science notes (pages 16-47)
- Box 52 of 65 Folder 21 1840, Copies of science notes (pages 48-69)
- Box 52 of 65 Folder 22 1840, Copies of science notes (pages 70-85)
- Box 52 of 65 Folder 23 1841, Copies of science notes (pages 86-106)
- Box 52 of 65 Folder 24 1841, Copies of science notes (pages 107-120)
- Box 52 of 65 Folder 25 1841, Copies of science notes (pages 121-128) and letter copies
- Box 52 of 65 Folder 26 1842, Copies of science notes (pages 129-145)
- Box 52 of 65 Folder 27 1842, Copies of science notes (pages 146-169)
- Box 52 of 65 Folder 28 1842, Copies of science notes (pages 170-186)
- Box 52 of 65 Folder 29 1842, Copies of science notes (pages 187-193)

Box 53

These notes are typed copies of Joseph Henry science notes (Folder 11 contains letters). The materials are organized in chronological order from 1843 to 1863. Materials from the years 1849, 1850, 1860, and 1861 are not present. There is very little marking on these pages when compared to the volume of mark ups on the earlier set of science notes.

- Box 53 of 65 Folder 1 1843, Copies of science notes (pages 6-26)
- Box 53 of 65 Folder 2 1843, Copies of science notes (pages 27-40)
- Box 53 of 65 Folder 3 1843, Copies of science notes (pages 41-68)
- Box 53 of 65 Folder 4 1844, Copies of science notes (pages 69-89)

- Box 53 of 65 Folder 5 1845, Copies of science notes (pages 90-106; 158-160)
- Box 53 of 65 Folder 6 1845, Copies of science notes (pages 107-129)
- Box 53 of 65 Folder 7 1845, Copies of science notes (pages 130-145)
- Box 53 of 65 Folder 8 1845, Copies of science notes (pages 146-157) and copies of letters
- Box 53 of 65 Folder 9 1846, Copies of science notes (pages 161-169) and copies of letters
- Box 53 of 65 Folder 10 1847 and 1851, Copies of science notes (pages 170-175)
- Box 53 of 65 Folder 11 1847-1848, copies of letters plus two other letters dated 1859 and 1863
- Box 53 of 65 Folder 12 1851-1858, Copies of science notes (pages 176-194)
- Box 53 of 65 Folder 13 1858, Copies of science notes (pages 195-196) and 1862-1863 (pages 298-315)
- These two folders contain 105 consecutive typed copied pages of materials. These materials have dates to the various entries beginning with March 8, 1862, and ending with November 20, 1865. These pages were copied from the locked book and contain club notes and other club related materials. According to Henry, "this club consists of a few gentlemen interested in physical science, who meet in turns at each others houses, and discourse on scientific subjects in an informal way" (page 1).
- Box 53 of 65 Folder 14 Extracts from the Locked Book by Miss Gannon -Chiefly for the Record Book (pages 1-59)
- Box 53 of 65 Folder 15 Extracts from the Locked Book by Miss Gannon-Chiefly for the Record Book (pages 60-105)
- These folders contain both typed and hand-written copies of Henry originals. The materials are letters, scientific papers, and pocket notebooks.
- Box 53 of 65 Folder 16 Matter to be examined or looked up for the Record Book
- Box 53 of 65 Folder 17 Copies of letters 1867-1874, matter to be examined or looked up for the Record Book
- Box 53 of 65 Folder 18 Copies of letters, matter to be examined or looked up for the Record Book
- Box 53 of 65 Folder 19 Copies of letters and scientific writings, matter to be examined or looked up for the Record Book

Hand-written and typed copies of science related materials in the form of letters, reports, and notes. They are denoted for examination as to where it would be better to publish them, with the memoir or with the Record Book.

- Box 53 of 65 Folder 20 Copies of letters and reports pertaining to the Light-House Board, to submit for examination whether better published with the Record Book I
- Box 53 of 65 Folder 21 Copies of letters and reports pertaining to the Light-House Board, to submit for examination whether better published with the Record Book II
- Box 53 of 65 Folder 22 Copies of magnetism materials, to submit for examination whether better published with the Record Book I
- Box 53 of 65 Folder 23 Copies of magnetism materials, to submit for examination whether better published with the Record Book II
- Box 53 of 65 Folder 24 Copies of weights and measures materials, to submit for examination whether better published with the Record Book
- Box 53 of 65 Folder 25 Miscellaneous copied material, to submit for examination whether better published with the Record Book
- Box 53 of 65 Folder 26 Materials copied for the Record Book, disturbed by Mr. Hopkins, do not know where they belong M.A.H.

Box 54

- Box 54 of 65 Folder 1 Newspaper clippings related to the wireless telegraph; *Pictures Sent By Wireless Telegraph*; *Tellural Telegraphy*; *Father of Telegraph Proposed memorial to Joseph Henry* (1902); *New Wireless Telegraph*; *To Rival Marconi* (1902); *Wireless Telegraphy!* (1901); *Journal of the American Electrical Society Thunder-Storms* (1878)
- Box 54 of 65 Folder 2 Addresses on putting up a Tablet in Princeton - Personal recollections and praise of J. Henry. Two pieces are written to Mary Henry after Joseph Henry's death at her request. It seems she was interested in collecting other persons, who had known Joseph Henry in various capacities, impressions of him. The third major item in the folder is a typed copy of a speech praising Henry and his scientific achievement and proposing the erection of a tablet in his honor at Princeton. George Parker who was Henry's successor at Princeton wrote this third item.
- The materials contained in the following folders are typed copies of Joseph Henry manuscripts. The copied notes are science related, containing sections on light, electricity, mechanics, sound, magnetism, heat, and somatology.
- Box 54 of 65 Folder 3 Copy of manuscripts of Joseph Henry, Volume I, 1830-1835 (pages 1-15 and 51-79)
- Box 54 of 65 Folder 4 Copy of manuscripts of Joseph Henry, Volume III (pages 1-28)

Box 54 of 65 Folder 5 Copy of manuscripts of Joseph Henry, Volume III (pages 29-53)

Box 54 of 65 Folder 6 Copy of manuscripts of Joseph Henry, Volume III (pages 54-68)

These folders contain some pocket notebook extracts and copies of letters. The copies are both written and typed and are all from the latter years of Henry's life (1864-1877). The letters are primarily dated from after the fire in the Smithsonian in 1865. The copies are of letters written by Henry.

Box 54 of 65 Folder 7 Miscellaneous matter - Copies of notes and letters, 1864-1865

Box 54 of 65 Folder 8 Miscellaneous matter - Copies of letters, 1865-1872

Box 54 of 65 Folder 9 Miscellaneous matter - Copies of letters, 1874-1877

The materials in these folders are longhand copies from the originals. In most cases the diagrams are traced in pencil and then copied over again in pen. In some cases they are cut out and pasted down from the original.

Box 54 of 65 Folder 10 Notes on Henry's experimental notes covering August 15, 1834-May 7, 1836 (pages 1-40)

Box 54 of 65 Folder 11 Notes on Henry's experimental notes covering May 7, 1836-July 11, 1838 (pages 41-87)

Box 54 of 65 Folder 12 Notes on Henry's experimental notes covering July 18, 1838-September 7, 1839 (pages 88-133)

Box 54 of 65 Folder 13 Notes on Henry's experimental notes covering April 29-May 13, 1840 (copied from pages 67-91 of original Vol. II)

Box 54 of 65 Folder 14 Notes on Henry's experimental notes covering July 17, 1840-July 19, 1842 (pages 1-29)

Box 54 of 65 Folder 15 Notes on Henry's experimental notes covering June-July 1841 (pages 30-60)

Box 54 of 65 Folder 16 Notes on Henry's experimental notes covering October 12, 1841-May 7, 1842 (pages 61-91)

Box 54 of 65 Folder 17 Notes on Henry's experimental notes covering May 10-30, 1842 (pages 92-130)

Box 54 of 65 Folder 18 Notes on Henry's experimental notes covering May 31-July 22, 1842 (pages 131-173)

Box 54 of 65 Folder 19 Notes on Henry's electrical experiments, October 6, 1842-October 12, 1843

Box 54 of 65 Folder 20 Notes on Henry's electrical experiments, 1845, 1847

In these folders are longhand copies of letters and notes, typed copies, and photocopies (with the originals located in the Joseph Henry Papers). The letter copies are letters to Henry as well as from Henry. In the first of these folders there are letters written by Mary Henry in her efforts to collect information.

- Box 54 of 65 Folder 21 Important Inserted Papers; copies of science and research notes on iron, electricity, and magnetic needle
- Box 54 of 65 Folder 22 Important inserted papers; copies of original Joseph Henry materials
- Box 54 of 65 Folder 23 Important inserted papers; copies of letters and notebook entries
- Box 54 of 65 Folder 24 Important inserted papers; copies of articles, letters, and notebook
- Box 54 of 65 Folder 25 Important inserted papers; copies of notes and reports

Box 55

These folders contain the typed preface to the memoir written by Mary Henry. The preface is an explanation as to why she is writing the memoir. It discusses Henry's scientific contributions and contains letters from his life as well as copies of scientific notes. In the realm of science it focuses on the telegraph, magnets, and weather.

- Box 55 of 65 Folder 1 Memoir preface I
- Box 55 of 65 Folder 2 Memoir preface II
- Box 55 of 65 Folder 3 Memoir preface III

The text in folders 4 through 10 is integrated with portions of letters. This section is of a more personal nature. Letters written to Stephen and his wife are included and there are references to other family members like grandma and aunty. There is also scientific information included as well as some science notes but this section is mostly concerned with presenting a rounded picture of the man where as the preface had attempted to justify the work.

- Box 55 of 65 Folder 4 Joseph Henry biography draft, 1832-1835
[Digital Content: Joseph Henry's Letter to Harriet Henry, May 4, 1835 \(Image nos. SIA2012-3626 to SIA2012-3629\)](#)
[Digital Content: Joseph Henry's Letter probably to Thomas Cooper, November 26, 1833 \(Image nos. SIA2012-3612 and SIA2012-3613\)](#)
- Box 55 of 65 Folder 5 Joseph Henry biography draft, 1833
- Box 55 of 65 Folder 6 Joseph Henry biography draft, 1832-1838
- Box 55 of 65 Folder 7 Joseph Henry biography draft, 1833-1835
- Box 55 of 65 Folder 8 Joseph Henry biography draft, 1835

- Box 55 of 65 Folder 9 Joseph Henry biography draft, 1834-1839
- Box 55 of 65 Folder 10 Joseph Henry biography draft, 1838-1839
- Box 55 of 65 Folder 11 Chapter 1 drafts: Henry's parental heritage "It is the year 1774..." and "In the year 1774..."; Chapter 2 draft: "If the edge commenced on that vessel coming over the sea..."
- Box 55 of 65 Folder 12 Chapter 3 drafts: "The first chapter in the life of Joseph Henry is complete..."
- Box 55 of 65 Folder 13 Chapter 4 drafts: "Other kind eyes than those Dr. Beck have followed young Henry..." and another chapter "September has come..."
- Box 55 of 65 Folder 14 Notebook copies with drafting in longhand "We have come now to a very important era in one boys history"
- Box 55 of 65 Folder 15 Chapter 8 drafts: "Knowledge is valuable for its own sake..."
- Box 55 of 65 Folder 16 Longhand chapter draft "In Oct. 1825 there was great rejoicing in Albany..."
- Box 55 of 65 Folder 17 "So ends the survey..."
- Box 55 of 65 Folder 18 "We have returned to the Albany Academy..."
- Box 55 of 65 Folder 19 Chapter 11 drafts: "Not only is the instrument for experiment described..."
- Box 55 of 65 Folder 20 Chapter 12 drafts: "The night is upon the Earth..."
- Box 55 of 65 Folder 21 "Henry's paper was in print -- in the wide circulation..."
- Box 55 of 65 Folder 22 "With what a net work of wires has the telegraph enclosed our great globe"
- Box 56
- Box 56 of 65 Folder 1 Chapter 15 drafts: "In the interest of developing the strength of his magnets ..." and more magnetism
- Box 56 of 65 Folder 2 Chapter 16 draft: "Henry's discoveries followed so quickly ..."
- Box 56 of 65 Folder 3 "There are two terms constantly in use..."; a section called Henry's Existing Apparatus and other notes for chapter preparation.
- Box 56 of 65 Folder 4 "The fame of Big Ben passed beyond the bounds of Princeton" and "I have mentioned casually as a companion to Big Ben..."

- Box 56 of 65 Folder 5 Chapter 17 draft: "Another star in Faraday's..."; Chapter 18 draft: "The second marked period of our story..."; Chapter 19 draft: "New Years' Day 1833"; Chapter 20 draft: "Henry commenced the New Year..."
- Box 56 of 65 Folder 6 Chapter 21 draft: "It is New Years day in 1835..."; Chapter 22 draft: "Summer has come in this year 1836"; "Like a silver thread though the wharf..."
- Box 56 of 65 Folder 7 Miscellaneous chapter parts and notes both longhand and typed
- Box 56 of 65 Folder 8 Lots of longhand dated 1865-1869
- Box 56 of 65 Folder 9 Notes and materials for memoir
- The index, contained in folders 10 through 15, breaks up first by word (i.e., Aurora, conduction, flame, etc.). Under a word and indented would be further break downs if it was needed. For example, under Aurora there is a list of dates and next to the date a small explanation like elevation of, or in different countries. After the date and explanation follows a page number. In some cases the space under the word is completely filled in with entries other times it is mostly empty space. This index is a working index that is being constructed as the material is being written.
- Box 56 of 65 Folder 10 Index A-I, covers years 1829-1840 (science references)
- Box 56 of 65 Folder 11 Index I (Induction)
- Box 56 of 65 Folder 12 Index L-M, science references, 1836-1840; letter references, 1829-1837
- Box 56 of 65 Folder 13 Index M-P (science references)
- Box 56 of 65 Folder 14 Index P-S (science references)
- Box 56 of 65 Folder 15 Index S-W (science references)
- Box 56 of 65 Folder 16 *Meteorology*; "article prepared by me and published in a history of New Jersey," M.A.H.

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Series 20: FAMILY PAPERS: HARRIET HENRY PAPERS, 1825-1879 AND UNDATED; HENRY CHILDREN, JAMES HENRY, STEPHEN ALEXANDER, AND OTHER RELATIONS, WILLIAM HENRY AND UNKNOWN.

This series contains Henry family papers. There are many correspondences arranged by whom they were written to and then by date. The individuals with the largest sets of letters are Harriet Henry, Stephen Alexander, and James Henry. Joseph Henry wrote many of the correspondence contained in these arrangements. Contained in this series are also items from after the date of Joseph Henry's death as well as three notebooks and albums and Mary Henry's copy of *Scientific Writings of Joseph Henry, Volume I*.

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Box 57 of 65	Folder 3 1831-1834
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Box 57 of 65	Folder 6 July-December 1837 Digital Content: Joseph Henry's Letter to Harriet Henry, August 1, 1837 (Image nos. SIA2012-2817 to SIA2012-2822)
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Box 57 of 65	Folder 9 1846
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- Box 57 of 65 Folder 15 1852
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[Digital Content: Joseph Henry's Letter to Harriet Henry, September 4, 1856 \(Image nos. SIA2012-2836 to SIA2012-2839\)](#)
- Box 57 of 65 Folder 17 1858-1859
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[Digital Content: Joseph Henry's Letter to Helen Henry, April 21, 1865 \(Image nos. SIA2012-3537 to SIA2012-3539\)](#)
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