

Guide to the George Jarvis Brush Family Papers

MS 108



compiled by Andrew Patterson

April 1972

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Collection Overview

REPOSITORY: Manuscripts and Archives
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CALL NUMBER: MS 108

CREATOR: Brush, George Jarvis, 1831-1912

TITLE: George Jarvis Brush family papers

DATES: 1834-1960

BULK DATES: 1834-1939

PHYSICAL DESCRIPTION: 4 linear feet (10 boxes, 1 folio)

LANGUAGE: English

SUMMARY: Correspondence, writings, lectures, notes, printed material, and other papers, principally of George Jarvis Brush (1831-1912), mineralogist, geologist, and educator; and of his son-in-law, Louis Valentine Pirsson (1860-1919), also a geologist. There are also papers of Brush's wife, Harriet Silliman Trumbull Brush and of other family members. A good deal of the papers are scientific in nature, with some relating to the early history of the Yale Sheffield Scientific School. Important correspondents include William H. Brewer, Charles F. Chandler, Josiah P. Cooke, Whitman Cross, James Dwight Dana, Timothy Dwight, Charles W. Eliot, Joseph Henry, Lyman Trumbull, Joseph Wharton, and Josiah Dwight Whitney.

ONLINE FINDING AID: To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/mssa.ms.0108>

Requesting Instructions

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Key to the container abbreviations used in the PDF finding aid:

b. box
f. folder

Administrative Information

Immediate Source of Acquisition

Gift of Mrs. Louis V. Pirsson, 1943-1950.

Conditions Governing Access

The scrapbooks in this collection have been microfilmed. Patrons must use HM 143 instead of originals.

Conditions Governing Use

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Preferred Citation

George Jarvis Brush Family Papers (MS 108). Manuscripts and Archives, Yale University Library.

Existence and Location of Copies

Scrapbooks of Sarah Jarvis Brush McLaughlin and Edward Tompkins McLaughlin are available on microfilm (170 frames on 1 reel, 35mm.) from Manuscripts and Archives, Yale University Library, at cost. Order no. HM 143.

Biographical / Historical

George Jarvis Brush, mineralogist and head of Yale's Sheffield Scientific School, was born on December 15, 1831, the son of Jarvis and Sarah Brush, in Brooklyn, New York. In 1835, the Brush family moved to Danbury, Connecticut, where they resided for six years, only to return to Brooklyn in 1841.

When Brush was fifteen, he attended a private school in West Cornwall, Connecticut headed by Theodore S. Gold. Although he only attended the school for six months, Gold aroused his interest in natural science. After leaving school, Brush was employed by a New York mercantile house where he worked for two years until a serious illness in 1848 prompted him to leave business and consider farming for a career. In order to prepare himself for this new career, Brush entered Yale College in 1848 enrolling in the School of Applied Chemistry. He attended lectures in agricultural and practical chemistry given by John Pitkin Norton and Benjamin Silliman, Jr. Two years later he became an assistant to Benjamin Silliman, Jr., who was teaching in the medical department of Louisville University, a position Brush held until 1852. As a result of his prolonged absence from New Haven, Brush was required to take special examinations. Nevertheless he graduated with the first class of the new Yale Scientific School, receiving a Ph.D. in 1852. Later, under Brush's guidance and leadership, this department became the Sheffield Scientific School.

After graduation, Brush spent a year (1852-1853) at the University of Virginia as an assistant in chemistry. It was here that Brush became associated with the chemist and mineralogist, John Lawrence Smith. Together they worked on a series of mineralogical experiments, the results of which were published in the *American Journal of Science*. Brush spent the summer of 1853 as an assistant in charge of the department

of mineralogy at the Crystal Palace of the International Exposition in New York, but in the fall he sailed for Germany where he continued his studies under Liebig, von Kobell, and Pettenkoffer, and also studied at the mining school at Freiberg, Saxony.

In 1855, Brush was appointed professor of metallurgy at the Sheffield Scientific School. To prepare himself for this position, he studied during the year of 1856 at the Royal School of Mines in London and visited mines and smelting works in Great Britain and on the continent. The following year he assumed his duties at Yale. In 1864 his position was expanded to include mineralogy and by 1871 Brush was devoting himself exclusively to mineralogy, his major field of interest.

Brush's career as a scientist was closely related to the development of the Sheffield Scientific School, of which he became president in 1872. In fact, much of his time was devoted to the administration of the school thus forcing him to gradually abandon his teaching duties. By the end of the 1870's, he had given up laboratory instruction; by 1884, lectures as well. He continued as the director of the Sheffield Scientific School until 1898. Thereafter, he served variously as secretary, treasurer and president of the Board of Trustees of the school until his death on February 6, 1912.

Although Brush's scientific work was ultimately restricted by his administrative duties, he nevertheless made several important contributions to the study of mineralogy. His studies with J. Lawrence Smith have already been mentioned. His *Manual of Determinative Mineralogy*, published in 1874, was a clear and concise summary of blowpipe methods and principles and included determinative tables adapted from those of von Kobell. The book went through several editions. In addition, Brush left to the Sheffield Scientific School an extremely complete and well-catalogued collection of mineral specimens numbering some 15,000 items.

Brush married Harriet Silliman Trumbull in 1864. They had three daughters: Sarah Jarvis, Bertha De Forest, and Eliza Trumbull. His wife died in 1910, and Brush two years later.

LOUIS VALENTINE PIRSSON

Louis Valentine Pirsson, geologist and Yale professor, was born November 3, 1860 to Francis Morris and Louisa (Butt) Pirsson. He saw little of his natural parents for his mother died when he was four and his father was frequently away. At the age of nine, Pirsson became the ward of Thomas Lord of New York, who placed him with the family of the Reverend William J. Blain on a farm near Amsterdam, New York. Young Pirsson received his early education from Blain and displayed an interest in natural history. When he was sixteen, he went to the Amenia Academy in Dutchess County, New York, and in 1879 he entered the Sheffield Scientific School from which he graduated with honors in 1882.

In 1889, through the help of George Jarvis Brush, Pirsson became a field assistant of the United States Geological Survey party under Arnold Hague then studying Yellowstone Park. This experience stimulated his interest in igneous geology, a subject he further studied in Heidelberg and in Paris.

In 1892 Brush invited Pirsson to teach mineralogy and lithology at Yale and, the following year, he gave the first graduate course in petrology at Yale. Pirsson became an assistant professor in 1894 and professor of physical geology in 1897. In addition, he held many administrative positions in the Sheffield Scientific School, was an associate editor of the *American Journal of Science* from 1899 until his death in 1919, and was the author of many works on geology, including *Rocks and Rock Minerals* (1908) and *Textbook of Geology* (1915).

Pirsson married Brush's oldest daughter, Eliza Trumbull Brush, in 1902.

Scope and Contents

The Brush Family Papers consist primarily of the correspondence of mineralogist, geologist, and educator, George Jarvis Brush and that of his son-in-law, also a geologist, Louis Valentine Pirsson. The collection will be of interest to those interested in the study of mineralogy in the late nineteenth and early twentieth centuries. There are also materials relating to scientific education, especially at Yale's Sheffield Scientific School, and to the position of science in America. In addition, there are materials relating to the Civil War

and the political turmoil of that period, as well as personal and family papers relating to the Brush, Pirsson, and James Dwight Dana families.

The collection is divided into two series, "Correspondence" and "Special Files." The Correspondence series consists of the correspondence of the following six individuals: George Jarvis Brush, Harriet Silliman (Trumbull) Brush, Sarah Jarvis (Brush) McLaughlin, Eliza Trumbull (Brush) Pirsson, Louis Valentine Pirsson, and Jane Lathrop Trumbull.

The largest group of correspondence is that of George Jarvis Brush. Among the correspondents found in this section are many prominent European and American scientists and American educators including: William Henry Brewer (25 items), Charles Frederick Chandler (22 items), Josiah P. Cooke, Jr. (59 items), James Dwight Dana (39 items), Charles W. Eliot (49 items), Frederick Augustus Genth (42 items), Joseph Henry (15 items), Clarence King (11 items), Franz von Kobell (8 items), William Theodore Roepper (59 items), John Lawrence Smith (60 items), Joseph Wharton (77 items), and Josiah Dwight Whitney (43 items). Most of the correspondence in this section concerns the identification, exchange, and purchase of mineral specimens. There is, however, correspondence, notably with Timothy Dwight, on the administration of the Sheffield Scientific School and Yale University. In addition, there are letters from Thomas Egleston and Charles W. Eliot about scientific education in America.

The correspondence of Louis Valentine Pirsson, Brush's son-in-law, is also largely scientific, much of it relating to Pirsson's work on the geology of Montana and other western states. Among the important correspondents are Whitman Cross (57 items), Henry Stephens Washington (19 items), and Walter Harvey Weed (64 items).

The correspondence of Brush's wife, Harriet Silliman (Trumbull) Brush, includes 117 letters from Henrietta Francis Dana, wife of James Dwight Dana, and 45 letters from Elizabeth Sarah Grimes, wife of Iowa governor, James W. Grimes. There are also 13 letters from Senator Lyman Trumbull of Illinois. A recurrent topic in Mrs. Brush's correspondence is the Civil War and the political troubles of this period.

This series also includes the correspondence of Jane Lathrop Trumbull (sister of Mrs. Brush), Eliza Trumbull (Brush) Pirsson, Sarah Jarvis (Brush) McLaughlin, and Jane Lathrop Trumbull. Of special interest are Brush's lectures and notes on geology and L.V. Pirsson's diary of his trip to the International Geological Conference held in 1897 in St. Petersburg, Russia. The diary also includes Pirsson's geological observations made on several excursions in Norway and Russia. In addition, there is a manuscript by Pirsson and W.H. Weed on the geology of the Highwood Mountains of Montana and a manuscript of an unpublished textbook on geology by Pirsson. There are also a few photographs of the two men, some biographical materials, and a folder of genealogical materials on the Brush and Trumbull families.

Arrangement

Arranged in two series: I. Correspondence. II. Special Files.

Collection Contents

Series I: Correspondence, 1850–1907, 1909–1912, 1914, 1916–1920, 1924, 1932, 1939, 1960, undated

3' (7 boxes)

The CORRESPONDENCE series is divided into two subsections: "General Correspondence" and "Correspondence of Others." "General Correspondence" is divided into six subgroups as follows: George Jarvis Brush, Harriet Silliman (Trumbull) Brush, Sarah Jarvis (Brush) McLaughlin, Eliza Trumbull (Brush) Pirsson, Louis Valentine Pirsson, and Jane Lathrop Trumbull.

The correspondence is arranged alphabetically by the name of the writer of the letter or by the name of the person to whom the letter is addressed. Letters are arranged chronologically within each folder.

"Correspondence of Others" is arranged alphabetically by the name of the writer of the letter.

A folder containing unidentified material is filed at the end of the series.

The number of items is contained in parentheses.

George Jarvis Brush

b. 1, f. 1	A (2)	1871-1872
b. 1, f. 2	Agassiz, Alexander, (1835-1910) (1)	1901
b. 1, f. 2	Agassiz, Jean Louis Rodolphe, (1807-1873) (1)	1873
b. 1, f. 3	Allen, Oscar Dana (5)	1867-1869
b. 1, f. 4	Ames, Horatio (5)	1862, 1866
b. 1, f. 4	Ames, James Tyler (3)	1862-1863
b. 1, f. 5	Anderberg, [Wilhelm?] (9)	1861-1864, 1869
b. 1, f. 6	Angell, James Burrill (2)	1872, 1874
b. 1, f. 7	Ashburner, William (6)	1862-1863, 1875
b. 1, f. 8	B (18)	1853, 1854, 1858, 1860, 1863-1865, 1867, 1868, 1874, 1881, 1889
b. 1, f. 9	Bailey, Loring Woart (1)	1863
b. 1, f. 9	Bailey, Stratford C.H. (2)	1863-1864
b. 1, f. 10	Baird, Spencer F. (3)	1862, 1864, 1866
b. 1, f. 11	Barnard, Frederick Augustus Porter (2)	1868, 1872
b. 1, f. 12	Bauerman, Hilary (17)	1871, 1876, 1877, 1881, 1887, 1888, 1890-1894, 1898
b. 1, f. 13	Bechi, Emilio (3)	1886, 1891, 1895

George Jarvis Brush (continued)

b. 1, f. 14	Becker and Sons (6)	1862, 1863, 1865, 1866
b. 1, f. 15	Bement, Clarence S. (1)	1877
b. 1, f. 16	Blake, Eli Whitney, Jr. (4)	1861, 1862, 1866
b. 1, f. 16	Blake, Helen M. (Rood) (7)	1854, 1860, 1862 1864
b. 1, f. 17	Blake, William P.	1858, 1859, undated
b. 1, f. 18	Blanford, Wm. Thomas (30)	1855-1857, 1860, 1862, 1865, 1868, 1881, 1887, 1895-1898, 1900-1902
b. 1, f. 19	Bondi, Dr. M. (15)	1856-1861
b. 1, f. 20	Bradley, Chares William (1)	1862
b. 1, f. 20	Bradley, Frank Howe (4)	1866, 1868, 1869
b. 1, f. 21	Breithaup, J.F. August (3)	1860, 1864
b. 1, f. 22	Brewer, William Henry (25)	1850, 1853, 1854, 1857, 1858, 1860, 1861, 1864, 1875, 1885
b. 1, f. 23	Brooks, Thomas Benton (1)	1865
b. 1, f. 23	Buckingham, William Alfred (1)	1865
b. 1, f. 23	Bushnell, Horace (1)	1873
b. 1, f. 24	C (28)	1859, 1861, 1863-1868, 1870, 1875, 1886
b. 1, f. 25	Cassin, John (1)	1868
b. 1, f. 26	Chandler, Charles Frederick (22)	1859-1862, 1864-1866, 1868
b. 1, f. 27	Chittenden, Russell H. (2)	1859-1865, 1882, 1911
b. 1, f. 27	Clay, Joseph A. (8)	1859-1865
b. 1, f. 28	Collier, Maurice Dwight (1)	1868
b. 1, f. 28	Collier, Peter (8)	1866, 1868-1869
b. 1, f. 29	Cook, George Hammell (4)	1860, 1875

George Jarvis Brush (continued)

b. 1, f. 30	Cooke, Josiah P., Jr. (56)	1859–1863, 1865–1870, 1873–1874, 1877– 1878, 1886, 1890, undated
b. 1, f. 31	Coxe, Eckley B. (1)	1881
b. 1, f. 32	D (17)	1855, 1863, 1866, 1868, 1871– 1875, 1882, 1908, undated
b. 1, f. 33	d'Aligny, Henry F. Quarré	1862, 1864
b. 1, f. 34	Dana, Edward S. (1) See also: box 7, folder 218	1906
b. 1, f. 35	Dana, Henrietta F. (Silliman) (1)	1860
b. 1, f. 35	Dana, James Dwight (39)	1852–1856, 1863–1864, 1874, 1878, 1881, 1885, undated
b. 2, f. 36	Delesse, Achille Ernest Oscar J. (2)	1861, 1896
b. 2, f. 37	Des Cloizeau, Alfred L.O.L. (7)	1862, 1863, 1872–1873, 1875, 1886
b. 2, f. 38	Drown, Thomas M. (1)	1863
b. 2, f. 38	DuBois, Augustus Jay (1)	1885
b. 2, f. 39	Dwight, Timothy (1828-1916) (18)	1862–1864, 1870, 1885–1886, 1888, 1890–1891, 1896–1899, 1901
b. 2, f. 40	E (4)	1854, 1860, 1864, 1869
b. 2, f. 41	Eichwald, Julius (6)	1861–1862, 1864
b. 2, f. 42	Eisenhardt, August von (3)	1892, 1897
b. 2, f. 42	Elderhorst, William (3)	1858, 1860
b. 2, f. 43	Egleston, Thomas (12)	1861–1864, 1875
b. 2, f. 44	Eliot, Charles William (50)	1860–1863, 1865, 1867–1869, 1871–1872, 1875, 1877, 1882–1883, 1886–1889, 1891, 1893, 1896–1897, 1899, 1901–1902, 1912, undated

George Jarvis Brush (continued)

b. 2, f. 45	Emerson, George H. (2)	1864
b. 2, f. 45	Emmons, Samuel Franklin (1)	1874
b. 2, f. 45	Eschweiler, Charles F. (3)	1861, 1863, 1876
b. 2, f. 46	F (1)	1874
b. 2, f. 47	Farnum, William W. (4)	1899-1900
b. 2, f. 48	Fisher, Davenport (12)	1854-1855, 1865, 1867, 1870
b. 2, f. 49	Fisher, George Park (4)	1885
b. 2, f. 49	Fisher, Robert A. (14)	1860, 1862-1864, 1868
b. 2, f. 50	Forbes, David (12)	1856-1857, 1860, 1863-1864, 1866, 1875, 1886, undated
b. 2, f. 50	Forchhammer, Johann G. (2)	1859, 1865
b. 2, f. 51	G (8)	1850, 1857, 1862, 1864, 1865, 1868
b. 2, f. 52	Gaupillar, E. (2)	1860, 1897[?]
b. 2, f. 52	Geikie, Sir Archibald (2)	1893, 1902
b. 2, f. 52	Geinitz, Hans Bruno (2)	1860, 1871
b. 2, f. 53	Genth Frederick Augustus (42)	1857, 1859-1863, 1865, 1868, 1870, 1875, 1877-1878
b. 2, f. 54	Gerland, W. (1)	1854
b. 2, f. 54	Geyer, T. (1)	1856
b. 2, f. 55	Gibbs, George (1)	1864
b. 2, f. 55	Gibbs, Oliver Wolcott (32)	1858, 1861-1863, 1866-1868, 1871, 1875-1876, 1882, 1884, 1888, 1890, 1895, 1903, 1905, undated
b. 2, f. 56	Gillespie, William Mitchell (1)	1859
b. 2, f. 56	Gilman, Daniel Colt (12)	1872-1875, 1882, 1889, 1898, 1900
b. 2, f. 57	Gold, Theodore S. (6)	1857, 1863-1864, 1869, 1902, 1904

George Jarvis Brush (continued)

b. 2, f. 57	Goodale, George Lincoln (1)	1882
b. 2, f. 57	Goodyear, Watson Andrews (5)	1863-1864, 1873
b. 2, f. 58	Gould, Benjamin A., 1824-1896 (3)	1890
b. 2, f. 58	Groth, Paul Heinrich (3)	1881, 1893
b. 2, f. 59	H (28)	1853-1856, 1859, 1861 1866, 1868, 1872, 1898, undated
b. 2, f. 60	Hagemann, Gustav (10)	1865-1866
b. 2, f. 61	Hague, Arnold (1)	1875
b. 2, f. 61	Hague, James Duncan (15)	1862-1864, 1866, 1869, 1877, undated
b. 3, f. 62	Hall, James, 1811-1898 (3)	1853
b. 3, f. 62	Hammond, John Hays (2)	1894, 1901
b. 3, f. 63	Hartley, Edward (1)	1864
b. 3, f. 64	Hawes, George Wesson (11)	1877, 1879, 1880
b. 3, f. 65	Henry, Joseph (15)	1860-1864, 1866, 1868 1869
b. 3, f. 66	Herrmann, Charles W. A. (4)	1861, 1864, 1866
b. 3, f. 66	Hilgard, Eugene W. (3)	1857, 1866
b. 3, f. 66	Hilgard, Julius E. (4)	1861, 1863, 1871, 1881
b. 3, f. 67	Hill, Nathaniel Peter (3)	1862-1863, 1866
b. 3, f. 67	Hitchcobk, Edward (10)	1858, 1862
b. 3, f. 68	Hopkins, Mark (1)	1868
b. 3, f. 68	Hungerford, Edward (5)	1857, 1861, 1866
b. 3, f. 68	Hugershoff, W. (1)	undated
b. 3, f. 69	Hunt, Thomas Sterry (18)	1856-1861, 1863
b. 3, f. 70	J (4)	1866, 1867, 1868, 1875
b. 3, f. 71	Jeffries, William W. (17)	1857, 1860-1864, 1866, 1875
b. 3, f. 72	Jewett, Ezekiel (7)	1859, 1861, 1863-1864

George Jarvis Brush (continued)

b. 3, f. 72	Johnson, Samuel W. (5)	1853-1854
b. 3, f. 72	Johnston, John (4)	1854, 1861, 1864
b. 3, f. 73	Joy, Charles Arad (16)	1858, 1861-1864, 1867, 1875
b. 3, f. 74	K (15)	1858-1859, 1861-1864, 1867-1868, 1881, 1886
b. 3, f. 75	Kengott, Gustav Adolf (18)	1855-1857, 1860-1864, 1869, 1875
b. 3, f. 76	Kimball, James Putnam (10)	1859, 1861-1863
b. 3, f. 77	King, Clarence (11)	1863, 1867, 1869, 1874-1875, 1878-1879, 1888
b. 3, f. 78	Kobell, Franz von (8)	1854-1855, 1858-1859, 1863, 1864, 1867, 1875
b. 3, f. 79	Koenig, George Augustus (1)	1870
b. 3, f. 79	Krantz, Jean Baptiste S. (11)	1857, 1859-1863, 1868, 1870
b. 3, f. 79	Kühne, Willy (2)	1886
b. 3, f. 80	L (7)	1859-1860, 1863-1864, 1867, 1882, undated
b. 3, f. 81	Lea, Isaac (1)	1868
b. 3, f. 81	LeConte, John Lawrence (5)	1867-1868
b. 3, f. 82	Lesley, J. Peter (4)	1861, 1865-1866
b. 3, f. 82	Lockyer, Sir Joseph Norman (1)	undated
b. 3, f. 83	Lounsbury, Thomas R. (11)	1885, 1890-1892, 1895, 1898, 1902, 1906
b. 3, f. 84	M (22)	1856, 1859, 1862-1869, 1871, 1876, 1902, 1911
b. 3, f. 85	Marsh, Othniel C. (2)	1864, 1897
b. 3, f. 85	Martinez, Marcial (1)	1883
b. 3, f. 86	Matthiessen, Frederick W. (5)	1861, 1863-1864, 1866, 1867-1868

George Jarvis Brush (continued)

b. 3, f. 86	Maynard, George W. (4)	1867-1868
b. 3, f. 87	Meek, Fielding Bradford (1)	1869
b. 3, f. 87	Meneghini, Giuseppe (1)	1860
b. 3, f. 87	Miers, Sir Henry Alexander (1)	1900
b. 3, f. 88	Moore, George Henry (10)	1862-1864, 1866, 1869, 1877
b. 3, f. 88	Moore, Gideon E. (1)	1861
b. 3, f. 89	Muspratt, Edmund K. (7)	1858, 1876, 1894-1895, 1896, 1906
b. 3, f. 89	Muspratt, Max (1)	1894
b. 3, f. 90	N (4)	1858, 1864, 1875, 1885
b. 3, f. 91	Nason, Henry Bradford (3)	1866, 1882
b. 3, f. 91	Naumann, Karl Friedrich (1)	1855
b. 3, f. 92	Newberry, John Strong (6)	1861-1862, 1866
b. 3, f. 93	Nicholskii, L. (1)	1876
b. 3, f. 93	Nordhoff, Charles (1)	1899
b. 3, f. 93	Nye, James Warren (1)	1866
b. 3, f. 94	Ordway, John Morse (1)	1861
b. 3, f. 94	Orton, James (1)	1868
b. 3, f. 95	P (20)	1859-1860, 1862-1866, 1868-1869, 1874, 1876, 1884, 1911, undated
b. 3, f. 96	Park, James Jr. (2)	1864
b. 3, f. 96	Pearse, John Barnard S. (1)	1868
b. 3, f. 96	Peirce, Benjamin (1809-1880) (1)	1871
b. 3, f. 97	Penfield, Samuel L. (1)	1900
b. 3, f. 97	Percy, John (5)	1859, 1863, 1868, 1875
b. 3, f. 98	Phelps, Edward John (1)	1886
b. 3, f. 98	Phelps, William Walter (4)	1874, 1886, 1891, 1893

George Jarvis Brush (continued)

b. 4, f. 99	Pirsson, Louis Valentine (2)	1897, 1904
b. 4, f. 99	Pisani, Felix (4)	1857, 1866, 1868, 1869
b. 4, f. 100	Porter, John Addison (2)	1860-1861
b. 4, f. 100	Porter, Noah (1)	1885
b. 4, f. 101	Prudden, Theophil Mitchell (1)	1875
b. 4, f. 101	Pumpelly, Raphael (6)	1866, 1872, 1875, 1902
b. 4, f. 102	R (9)	1855, 1866-1868, 1875-1876, 1888
b. 4, f. 103	Ramsay, Sir Andrew Crombie (5)	1857, 1859, 1864, 1872, 1874
b. 4, f. 103	Ramsay, Louisa, Lady (1)	1879
b. 4, f. 104	Rath, Gerhard von (4)	1884-1887
b. 4, f. 105	Raymond, Rossiter Worthington (1)	1869
b. 4, f. 105	Rice, William North (1)	1875
b. 4, f. 106	Richter, Hieronymus Theodore (3)	1868, 1869, 1872
b. 4, f. 106	Robbins, James Watson (1)	1862
b. 4, f. 107	Rockwell, Alfred Perkins (7)	1857-1858, 1860, 1863, 1867, 1869
b. 4, f. 108	Roepper, William Theodore (59)	1858-1867, 1869-1870, 1875, 1878-1879, undated
b. 4, f. 109	Rogers, William Barton (2)	1865, 1877
b. 4, f. 110	Rood, Ogden Nicholas (25)	1856, 1860-1864, 1872, 1875, 1880, 1882, 1900
b. 4, f. 111	Root, Edward Warren (4)	1867-1868
b. 4, f. 111	Root, Oren (7)	1862-1863, 1867, 1875, 1881
b. 4, f. 112	Roscoe, Sir Henry Enfield (4)	1884, 1907, undated
b. 4, f. 113	S (31)	1852, 1858-1859, 1860, 1862, 1864, 1866-1868, 1872, 1875, 1877, 1886

George Jarvis Brush (continued)

b. 4, f. 114	Saemann, Louis (7)	1854, 1858, 1861-1864
b. 4, f. 115	Sampson, Joseph (1)	1867
b. 4, f. 115	Schuchert, Charles (1)	1911
b. 4, f. 116	Seelye, Julius Hawley (1)	1877
b. 4, f. 116	Seymour, Edward (6)	1855, 1862
b. 4, f. 117	Sheffield, Charles Joseph (1)	1868
b. 4, f. 117	Sheffield, Joseph Earl (1)	undated
b. 4, f. 118	Sheffield Scientific School, Board of Trustees (1)	1904
b. 4, f. 119	Shepard, Charles Upham (5)	1855, 1859, 1869
b. 4, f. 119	Shipman, Nathaniel (3)	1862-1863, 1869
b. 4, f. 120	Silliman, Benjamin, Jr. (8)	1862-1864, 1867, 1869, undated
b. 4, f. 121	Silliman, Benjamin, Sr. (4)	1853-1855, 1861, 1863
b. 4, f. 121	Silliman, Susan Huldah (Forbes) (1)	1870
b. 4, f. 122	Smith, John Lawrence (60)	1853-1856, 1858, 1860-1867, 1869-1870, 1872, 1874, undated
b. 4, f. 123	Smyth, Warrington Wilkinson (6)	1868, 1874, 1876-1877, 1886, 1889
b. 4, f. 123	Stanton, Frederick Perry (1)	1866
b. 4, f. 124	Steinwehr, Adolf von (2)	1864-1865
b. 4, f. 124	Stone, Amasa (1)	1865
b. 4, f. 125	Storer, Francis Humphreys (16)	1862-1864, 1867-1868, undated
b. 4, f. 126	Sumner, William Graham (1)	1881
b. 4, f. 127	T (9)	1862-1863, 1871, 1887
b. 4, f. 128	Tatham, Charles B. (4)	1859, 1864-1865
b. 4, f. 129	Taylor, William J. (39)	1858-1864
b. 5, f. 130	Torrey, John (7)	1862-1863, 1866, 1869

George Jarvis Brush (continued)

b. 5, f. 131	Trautwine, John Cresson (12)	1858-1859, 1861, 1864, 1869, 1871, 1875, 1878
b. 5, f. 131	Trowbridge, William Petit (1)	1870
b. 5, f. 132	Trumbull, James Hammond (1)	1863
b. 5, f. 132	Trumbull, Lyman (6)	1865-1867, 1869, 1871
b. 5, f. 133	Tschermak, Gustav (3)	1869, 1871-1872
b. 5, f. 133	Tufts, Charles A. (5)	1864
b. 5, f. 134	Tyndall, John (1)	1873
b. 5, f. 135	Ulrich, Franz (1)	1890
b. 5, f. 136	Vaux, William Sandys Wright (2)	1859, 1864
b. 5, f. 136	Verrill, Addison Emery (2)	1864
b. 5, f. 136	Vroom, Peter Dumont (1)	1854
b. 5, f. 137	W (23)	1859, 1861, 1863-1864, 1866-1867, 1872, 1879, 1882, 1892, 1899, 1901
b. 5, f. 138	Walker, Francis Amasa (13)	1872, 1878, 1881-1882, 1888, 1893, 1896
b. 5, f. 139	Wall, George Parkes (3)	1859-1860
b. 5, f. 139	Wappler, Benno (2)	1857-1858
b. 5, f. 140	Ward, Henry Augustus (1)	1862
b. 5, f. 140	Warren, Cyrus Moors (1)	1864
b. 5, f. 141	Wayland, F. (2)	1855, 1858
b. 5, f. 142	Weisbach, Albin (5)	1884-1885, 1887
b. 5, f. 142	Weld, Mason Cogsell (7)	1853-1854, 1858-1859
b. 5, f. 143	Westernmann and Co. (8)	1860, 1863-1864, 1867, 1869
b. 5, f. 144	Weyman, George Washington (6)	1857-1861
b. 5, f. 145	Wharton, Joseph (77)	1860-1869, 1903
b. 5, f. 146	Whitney, Josiah Dwight (43)	1860-1864, 1866, 1868, 1870, 1875

George Jarvis Brush (continued)

b. 5, f. 147	Whitney, William Dwight (7)	1860, 1866, 1868, 1875, 1881, 1893
b. 5, f. 148	Wiley, John (5)	1863-1864
b. 5, f. 148	Wiley, William Halstead (1)	1891
b. 5, f. 149	Willey, Joseph Edgerton (5)	1860, 1866, 1874
b. 5, f. 149	Williams, Henry Shaler (1)	1873
b. 5, f. 150	Woolsey, Theodore Dwight (5)	1877, 1887, undated
b. 5, f. 150	Worthen, Amos Henry (6)	1861, 1865, 1868
b. 5, f. 151	Wurtz, Henry (21)	1854, 1857- 1858, 1862, 1864, 1866-1867, undated
b. 5, f. 152	Zell, T. Elwood and Co. (4)	1862-1864, 1866
b. 5, f. 153	Zepharovich, Victor Leopold (1)	1860
b. 5, f. 153	Zepharovich, Madame Victor L. (1)	1890
b. 5, f. 154	Zeuner, Gustav Anton (1)	1855
b. 5, f. 155	Zschau, E. (1)	1854
<u>Harriet Silliman Brush</u>		
b. 6, f. 156	Cook, Burton Chauncey (1)	1862
b. 6, f. 157	Dana, Henrietta Francis (Silliman) (55)	1851-1856, 1858-1859
b. 6, f. 158	Dana, Henrietta Francis (Silliman) (62)	1860-1864
b. 6, f. 159	Eliot, Charles William (1)	1898
b. 6, f. 160	Fessenden, William Pitt (3)	1861
b. 6, f. 161	Grimes, Elizabeth Sarah (Nealley) (22)	1860-1862
b. 6, f. 162	Grimes, Elizabeth Sarah (Nealley) (23)	1863-1864, 1866, 1868, 1871, 1873, 1875, 1885, 1887- 1889, undated
b. 6, f. 163	Jayne, Ellen (1)	1861
b. 6, f. 163	Marshall, Caroline Ward (Trumbull) (1)	1861
b. 6, f. 164	Silliman, Benjamin, Jr. (1)	1861
b. 6, f. 164	Silliman, Benjamin, Sr. (1)	1862

Harriet Silliman Brush (continued)

b. 6, f. 165	Stevens, J.H.D. (1)	1863
b. 6, f. 165	Trumbull, Eliza (Bruyn) (1)	1857
b. 6, f. 166	Trumbull, Jane Lathrop (7)	1861
b. 6, f. 166	Trumbull, John (1)	1856
b. 6, f. 167	Trumbull, Julia Maria (Jayne) (8)	1861-1862
b. 6, f. 167	Trumbull, Lyman (13)	1859, 1861-1864
<u>Sarah Jarvis (Brush) McLaughlin(1)</u>		
b. 6, f. 168	Farnum, William W. (1)	1912
b. 6, f. 168	James, Henry (1)	1930
b. 6, f. 168	Trumbull, Lyman (1)	1892
<u>Eliza Trumbull (Brush) Pirsson</u>		
b. 6, f. 169	Eliot, Charles W. (1)	1924
b. 6, f. 169	Pierson, George W. (1)	1939
b. 6, f. 169	Stanley-Brown, Joseph (1)	1932
<u>Louis Valentine Pirsson</u>		
b. 6, f. 170	A,D,E,F,J,N,R (10)	1893-1897, 1916, 1918
b. 6, f. 171	Adams, Frank Dawson (7)	1893, 1895-1897, 191
b. 6, f. 171	Andreae, Achilles (1)	1894
b. 6, f. 172	Bäckström, Helge Mattias (7)	1892-1893, 1895-1897
b. 6, f. 173	Ballard, Harlan H. (1)	1897
b. 6, f. 173	Barrois, Charles Eugene (1)	1918
b. 6, f. 174	Becker, Charles Ferdinand (2)	1896
b. 6, f. 174	Brögger, Waldemar Christopher (1)	1895
b. 6, f. 175	Clark, William Bullock (3)	1894
b. 6, f. 175	Clarke, Frank Wigglesworth (4)	1896-1897
b. 6, f. 176	Clements, Julius Morgan (7)	1893-1896
b. 6, f. 177	Cross, Whitman (29)	1893-1897
b. 6, f. 178	Cross, Whitman (28)	1902-1907, 1909-1910, 1914, undated

Louis Valentine Pirsson (continued)

b. 6, f. 179	Dana, James Dwight (5)	1893-1894
b. 6, f. 179	Derby, Orville Adelbert (3)	1896
b. 7, f. 180	Diller, Joseph Silas (4)	1894, 1896, 1903
b. 7, f. 181	Ferrier, W.F. (2)	1896-1897
b. 7, f. 181	Fouqué, Ferdinand André	1895-1896
b. 7, f. 181	Frosterus, Benjamin (3)	1892-1893, 1896
b. 7, f. 182	Genth, Frederick Augustus (2)	1891
b. 7, f. 182	Goldschmidt, Victor (2)	1895
b. 7, f. 183	Grant, Ulysses Sherman (2)	1895-1896
b. 7, f. 183	Grinnell, George Bird (1)	1896
b. 7, f. 184	Groth, Paul Heinrich (2)	1895
b. 7, f. 184	Grout, Frank Fitch (1)	1919
b. 7, f. 185	Hague, Arnold (1)	1897
b. 7, f. 185	Harker, Alfred (1)	1919
b. 7, f. 185	Hillebrand, William Francis (2)	1897
b. 7, f. 186	Hobbs, William Herbert (2)	1895, 1897
b. 7, f. 186	Hoffmann, G.C. (2)	1894
b. 7, f. 187	Irving, John Duer (2)	1917-1918
b. 7, f. 188	Kemp, James Furman (5)	1893-1895
b. 7, f. 188	Kunz, George Frederick (1)	1896
b. 7, f. 189	Lacroix, Alfred (5)	1891, 1893-1894, 1918
b. 7, f. 189	Lawson, Andrew C. (1)	1896
b. 7, f. 190	Leconte, Joseph (1)	1896
b. 7, f. 190	Lindgren, Waldemar (1)	1895
b. 7, f. 191	Merrill, George P. (2)	1895, undated
b. 7, f. 192	Pratt, Joseph H. (1)	1879
b. 7, f. 193	Ransome, Frederick Lewis (1)	1897
b. 7, f. 193	Rosenbusch, Harry (7)	1892, 1895-1896, 1905
b. 7, f. 194	Sears, J.H. (1)	1895

Louis Valentine Pirsson (continued)

b. 7, f. 194	Szabo, Joseph (1)	1893
b. 7, f. 195	Teall, Jethro Justinian Harris (6)	1896, 1911, 1914, 1916, 1918
b. 7, f. 195	Thomas, Herbert Henry (1)	1914
b. 7, f. 196	Washington, Henry Stephens (19)	1893-1897, 1918, undated
b. 7, f. 197	Weed, Walter Harvey (40)	1893-1896
b. 7, f. 198	Weed, Walter Harvey (24)	1896-1897
b. 7, f. 199	Wells, Horace. (1) See: box 4, folder 99	1897
b. 7, f. 200	Williams, George Huntington (9)	1892-1895
b. 7, f. 200	Williamson, Edward Higginson (1)	1895
<u>Jane Lathrop Trumbull</u>		
b. 7, f. 201	Dana, Henrietta Francis (Silliman) (2)	1861, 1863
b. 7, f. 201	Grimes, Elizabeth Sarah (Nealley) (2)	1861-1862
b. 7, f. 201	Silliman, S. J. (1)	1861
<u>Correspondence of Others</u>		
b. 7, f. 202	Cooke, Josiah P. to B. Silliman, Jr. (1)	1860
b. 7, f. 203	Cowles, Calvin A. to J. D. Dana (1)	1859
b. 7, f. 203	Cutting, Charles W. to J. D. Dana (1)	1866
b. 7, f. 204	Domeyko, Ignacio to David Trumbull (1)	1875
b. 7, f. 205	Faraday, Michael to John Percy (1)	1855
b. 7, f. 206	Ford, William E. to Whitman Cross (1)	1920
b. 7, f. 207	Goodman, G. to Robert F. Metzdorf (1)	1900
b. 7, f. 207	Gregory, James R. to J. D. Dana (1)	1864
b. 7, f. 208	Grout, Frank F. to Whitman Cross (1)	1920
b. 7, f. 209	Harriman, S. K. to W. D. Whitney (1)	
b. 7, f. 209	Henry, Joseph to S. W. Johnson (1)	1868
b. 7, f. 210	Lea, Isaac to J. D. Dana (2)	1868
b. 7, f. 211	Liebig, Justus to Ogden N. Rood (1)	1863
b. 7, f. 212	Percy, John to Lee Pattinson (1)	1856

Correspondence of Others (continued)

b. 7, f. 213	Robinson, Henry H. to Whitman Cross (1)	1920
b. 7, f. 214	Trumbull, James H. to Lyman Trumbull (1)	1862
b. 7, f. 215	Tyndall, John to Barker (1)	undated
b. 7, f. 216	Washington, Henry S. to Charles P. Berkey (1)	1932
b. 7, f. 217	Way, Francis R. to treasurer of Yale (1)	1862
b. 7, f. 217	Wayland, [Franz?] to E. Zschau	1868
b. 7, f. 218	Wiley, W. O. to Whitman Cross (1)	1920
b. 7, f. 218	Williams, Edward H. to E. S. Dana (1)	1895
b. 7, f. 219	Unidentified (3)	1852, 1860

Series II: Special Files, 1834–1883, 1891, 1893, 1897–1912, 1916, 1920, undated*1'(3 boxes) One folio*

The material in the SPECIAL FILES is grouped into five subsections as follows: George Jarvis Brush, Sarah Jarvis (Brush) McLaughlin, Eliza Trumbull (Brush) Pirsson, Louis Valentine Pirsson, and Jane Lathrop Trumbull.

Within each of these sections the material is arranged alphabetically by category.

George Jarvis Brush

b. 8, f. 1-2	Account books of Jarvis Brush (1797-1883)	1834-1866, 1863-1883, 1866-1877
b. 8, f. 3	Biographical sketch of G.J. Brush	1912
b. 8, f. 4	Charts of chemical apparatus	undated
b. 8, f. 5-6	Lectures on chemistry	1853
b. 8, f. 7	Lectures-notes on chemistry	1858, 1860
b. 8, f. 8	Lectures - notes on burning fluids experiment	1859
b. 8, f. 9	Lectures - notes on geology and metallurgy	1861
b. 8, f. 10	Lectures - notes on metallurgy and mineralogy	undated
b. 8, f. 11	Memoranda re: metallurgy	[1858?]
b. 8, f. 12	Memoranda re: chemistry department of Sheffield Scientific School	1886
b. 8, f. 13	Memoranda re: Brush position in Sheffield Scientific School	1873, 1893
b. 8, f. 14-15	Memoranda re: mineral specimens	1854, 1859, 1864
b. 8, f. 16	Notebook: von Pettenkoffer's <i>Diatetisch Physicalische Chemie</i>	1854
b. 8, f. 17	Personal papers and honors. See also: Folio	
b. 8, f. 18	Photographs of G. J. Brush	[1897]
b. 8, f. 19	Preliminary roll of Sheffield Scientific School (1846-1869) with notes by G.J. Brush (Removed to the Yale Call Number Books)	1870
b. 8, f. 20	Printed material-miscellaneous	1851, 1860, 1862– 1864, 1868, 1876, 1880, 1891, 1912, 1916, undated
b. 8, f. 21	Report on "Barbours" lead mine	

Sarah Jarvis (Brush) McLaughlin

b. 9, f. 21	Essay on Dante by E.T. McLaughlin	undated
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Sarah Jarvis (Brush) McLaughlin (continued)

b. 9, f. 22reel 1U	Scrapbook compiled by E.T. McLaughlin This material has been microfilmed. Patrons must use HM 143 instead of the originals. See: Film HM 143. Original volumes discarded, 1982 Sep. This folder now contains items from scrapbooks that were not discarded.	1855-1881
reel 1	Scrapbook compiled by Sarah Jarvis (Brush) McLaughlin See: Film HM 143. Original volumes discarded, 1982 Sep.	1897-1912
b. 9, f. 24	Memoranda on Brush letter files	undated
b. 9, f. 25	Notebooks on French art	1896, undated
b. 9, f. 26	Notebooks on Italian art	1895
b. 9, f. 27	Notes on Italian art	undated
<u>Louis Valentine Pirsson</u>		
b. 10, f. 28	Autobiographical notes	[1906]
b. 10, f. 29	Biographies re: Pirsson	1920, undated
b. 10, f. 30	Diary of trip to International Geological Conference	1897
b. 10, f. 31	Diary of trip to the Gaspé and Saguenay	1907
b. 10, f. 32	Identification card from Heidelberg University	1891
b. 10, f. 33	Manuscript: "Geology of the Shonkin Sag and Palisade Butte Laccoliths in the Highwood Mountains of Montana" by W.H. Weed and L.V. Pirsson	undated
b. 10, f. 34	Manuscript: <i>Textbook of Petrography</i> (unfinished), chapters 1 - 3	[1918]
b. 10, f. 35	Manuscript: <i>Textbook of Petrography</i> (unfinished), Part II and illustrations	[1918]
b. 10, f. 36	Map of Newport, Rhode Island with notes	undated
b. 10, f. 37	Photograph	undated
<u>Jane Lathrop Trumbull</u>		
b. 10, f. 38	Poem: "The Ballade of Miles Standish" (in hand of Jane Lathrop Trumbull)	undated
<u>Miscellaneous</u>		
b. 10, f. 39	Genealogical materials on the Brush and Trumbull families	
b. 10, f. 40	Miscellaneous newspapers clippings	
b. 10, f. 41	Miscellaneous Yale programs	

Oversize

b. 11

Folio: Personal papers and honors

Selected Search Terms

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

Subjects

Educators
Families
Geology
Mineralogy
Science

Geographic Names

Europe
Europe -- Description and travel
New York (State)
United States -- History -- Civil War, 1861-1865
West (U.S.)

Genres / Formats

Diaries

Occupations

Geologists
Mineralogists

Names

Agassiz, Alexander, 1835-1910
Agassiz, Louis, 1807-1873
Baird, Spencer Fullerton, 1823-1887
Bauerman, Hilary, 1834-1909
Blake, Eli Whitney, 1836-1895
Blanford, W. T. (William Thomas), 1832-1905
Brewer, William Henry, 1828-1910
Brush, George Jarvis, 1831-1912
Chandler, Charles Frederick, 1836-1925
Chittenden, R. H. (Russell Henry), 1856-1943
Cooke, Josiah P., Jr. (Josiah Parsons), 1827-1894
Cross, Whitman, 1854-1949
Dana, Henrietta Frances Silliman, 1823-1907
Dana, James Dwight, 1813-1895
Des Cloizeaux, A. (Alfred), 1817-1897
Dwight, Timothy, 1828-1916
Egleston, Thomas, 1832-1900
Eliot, Charles William, 1834-1926
Eschweiler, Charles F.
Faraday, Michael, 1791-1867

Fisher, Robert A., b.ca. 1833
Genth, Frederich August Ludwig Karl Wilhelm, 1820-1893
Gibbs, Wolcott, 1822-1908
Gilman, Daniel C. (Daniel Coit), 1831-1908
Gold, Theodore S. (Theodore Sedgwick), 1818-1906
Grimes, Elizabeth Sarah Nealley
Hagemann, Gustav, 1853-
Hague, James D. (James Duncan), 1836-1908
Hawes, George W. (George Wesson), 1848-1882
Henry, Joseph, 1797-1878
Hitchcock, Edward, 1828-1911
Jeffries, William W.
King, Clarence, 1842-1901
Kobell, Franz von, 1803-1882
Krantz, Jean Baptiste S'ebastien, b. 1817
Longfellow, Alice M. (Alice Mary), 1850-1928
Lounsbury, Thomas R., 1838-1915
Marsh, Othniel Charles, 1831-1899
Moore, George Henry, 1823-1892
Pirsson, Louis V. (Louis Valentine), 1860-1919
Ramsay, A. C. (Andrew Crombie), 1814-1891
Rockwell, Alfred Perkins, 1834-1903
Roepper, W. Th. (William Theodore)
Rood, Ogden N. (Ogden Nicholas), 1831-1902
Root, Oren, 1838-1885
Silliman, Benjamin, 1816-1885
Smith, J. Lawrence (John Lawrence), 1818-1883
Smyth, Warrington W. (Warrington Wilkinson), 1817-1890
Storer, Frank H. (Frank Humphreys), 1832-1914
Taylor, William J, 1833-1864
Teall, J. J. H. (Jethro Justinian Harms), 1849-1924
Torrey, John, 1796-1873
Trautwine, John C. (John Cresson), 1810-1883
Trumbull, Julia Maria Jayne, 1823-1868
Trumbull, Lyman, 1813-1896
Walker, Francis Amasa, 1840-1897
Washington, Henry S. (Henry Stephens), 1867-1934
Weed, Walter Harvey, 1862-1944
Weld, Mason Cogswell, 1829-1887
Wharton, Joseph, 1826-1909
Whitney, J. D. (Josiah Dwight), 1819-1896
Whitney, William Dwight, 1827-1894
Williams, George Huntington, 1856-1894

Families

Brush family

Corporate Bodies

Yale University. Sheffield Scientific School

Yale University -- Faculty

Yale University -- Students