

Western Kentucky University

TopSCHOLAR®

---

Manuscript Collection Finding Aids

Manuscripts

---

11-4-2017

## Faust, Burton Sherwood, 1898-1967 (MSS 620)

Manuscripts & Folklife Archives

Western Kentucky University, [mssfa@wku.edu](mailto:mssfa@wku.edu)

Follow this and additional works at: [https://digitalcommons.wku.edu/dlsc\\_mss\\_fin\\_aid](https://digitalcommons.wku.edu/dlsc_mss_fin_aid)



Part of the [Geology Commons](#), [Mineral Physics Commons](#), [Speleology Commons](#), and the [United States History Commons](#)

---

### Recommended Citation

Folklife Archives, Manuscripts &, "Faust, Burton Sherwood, 1898-1967 (MSS 620)" (2017). *Manuscript Collection Finding Aids*. Paper 4371.

[https://digitalcommons.wku.edu/dlsc\\_mss\\_fin\\_aid/4371](https://digitalcommons.wku.edu/dlsc_mss_fin_aid/4371)

This Finding Aid is brought to you for free and open access by TopSCHOLAR®. It has been accepted for inclusion in Manuscript Collection Finding Aids by an authorized administrator of TopSCHOLAR®. For more information, please contact [topscholar@wku.edu](mailto:topscholar@wku.edu).

Manuscripts & Folklife Archives  
 Department of Library Special Collections  
 Western Kentucky University  
 Bowling Green, KY 42101-1092

*Descriptive Inventory*

**MSS 620 FAUST, Burton Sherwood, 1898-1967**

17 boxes. 235 folders. 2,085 items. 1936-1980. Originals, photocopies, photographs, slides, audiotapes.

1980.126.1

**BIOGRAPHICAL NOTE**

Burton Sherwood Faust was born in Belle Plaine, Iowa on 5 August 1898. After graduating from Iowa State Teachers College, he did graduate work at the University of Virginia and the University of Chicago. He taught high school science and mathematics in Florida, worked as a master mechanic in public utilities and construction, and served in the U.S. Marine Corps during World War I. For 24 years, Faust worked as an examiner at the United States Patent Office in Washington, D.C. He retired from that position on 30 December 1965.

Faust devoted many years to the exploration, study and photography of caves, but his principal research interest was "the historical, procedural, chemical, and archaeological aspects of saltpetre mining as it was conducted in caves since before the American Revolution until after the War Between the States." He became an authority in the field, writing many papers and articles on the subject. *The Filson Club History Quarterly* published his article "The History of Saltpetre Mining in Mammoth Cave, Kentucky" in four installments in 1967. His contributions to the National Speleological Society (NSS) included service as vice president from 1950-1951, administrative vice president from 1951-1956, secretary-treasurer from 1956-1958, and as a director in 1959. He also served as chairman of the NSS's Richmond, Virginia and District of Columbia grottos (chapters). At the time of his death on 31 July 1967, Faust was compiling his saltpetre studies into a book with the working title *Caves, Caravans, and Cannons*.

**COLLECTION NOTE**

This collection consists of research, correspondence and images (photographs and slides) comprising Burton Faust's study of the historical, chemical and cultural aspects of spelean saltpetre mining and production in the United States. Also documented are his travel to and explorations of saltpetre caves in several states. Most of the material was created or collected in the 1950s and 1960s and includes research notes; extensive bibliographic material; photocopies or typescripts of source material; and correspondence related to his research. The bulk of the research focuses on the acquisition and production of saltpetre in the United States during the Colonial, Revolutionary and Civil War periods, but Faust also gathered material and

wrote on the chemistry of saltpetre and on saltpetre use in ancient and early modern history. Faust's interest in all available reference materials, including foreign sources, is evident in the bibliographic lists and in the hundreds of note cards (the bulk of which are in Boxes 14-17, but are not included in the item count in this collection) that he created during his research. The collection also includes some of Faust's articles and papers in both manuscript and published form. The manuscript version of his history of saltpetre mining in Mammoth Cave, Kentucky is included, as are drafts of his projected book on saltpetre titled *Caves, Caravans, and Cannons*. Date spans in the collection refer to correspondence and material created by Faust rather than to dates of source material. Some of the photographs, slides and audiotapes in the collection are not identified. A later donation of published material dedicated to Faust has also been added to this collection (Box 9, Folder 1).

### **SHELF LIST**

<b>BOX 1</b>	<b>Burton S. Faust – Personal papers, travel</b>	<b>1941-1980</b>	<b>28 items</b>
Folder 1	Inventory and separation record		4 items
Folder 2	Correspondence regarding collection; negative list (see Box 17); unidentified negatives	1980, n.d.	5 items
Folder 3	Biographical data and personal items (driver's licenses, draft cards, etc.), publications data of Burton Faust	1941-1968	15 items
Folder 4	Burton Faust journal	1963-1965	1 item
Folder 5	Burton Faust notes of travel to Virginia, Tennessee, Alabama, Florida, Puerto Rico	1964	1 item
Folder 6	Burton Faust mileage and expense log for Western travel	1966	1 item
Folder 7	Burton Faust journal and bibliographic notes kept on London trip	1967	1 item
<b>BOX 2</b>	<b>Cave Research – Alabama, Indiana, Kentucky, Missouri, Tennessee, Texas</b>	<b>1954-1967</b>	<b>295 items</b>
Folder 1	Cathedral Caverns (Alabama) – Correspondence	1960-1961	8 items
Folder 2	Russell Cave (Alabama) – Clippings	1958-1967	5 items

Folder 3	Sauta Cave (Alabama) – Notes, photographs, maps; Burton Faust, “The Sauta Cave Story”	1956, n.d.	19 items
Folder 4	Sauta Cave (Alabama) – William Robinson-Argyle Taylor lawsuit	1954-1965	14 items
Folder 5	Sauta Cave (Alabama) – Correspondence regarding “The Sauta Cave Story”	1964-1966	23 items
Folder 6	Alabama saltpetre caves – Notes, correspondence	1954-1961	13 items
Folder 7	Alabama saltpetre caves – Notes, correspondence, topographical map images	1966	18 items
Folder 8	Indiana saltpetre caves – Notes, correspondence	1960-1961	9 items
Folder 9	Mammoth Cave – 1811 committee report and map; related correspondence	1967	4 items
Folder 10	Correspondence regarding Mammoth Cave	1956-1967	3 items
Folder 11	Drafts of “The History of Saltpetre Mining in Mammoth Cave, Kentucky” by Burton Faust; bibliography; negatives of pages from unidentified book concerning Mammoth Cave	n.d.	13 items
Folder 12	Bibliography of Carter County, Kentucky caves and related correspondence	1967	2 items
Folder 13	Letter and interview with Wilbur Burroughs regarding cave discoveries in Kentucky	1955	2 items
Folder 14	Correspondence and notes on visit to Kentucky saltpetre caves	1964	13 items
Folder 15	Cumberland Gap National Historical Park – Correspondence, log of visit to saltpetre caves	1961-1962	27 items
Folder 16	Missouri saltpetre caves – Notes, correspondence	1959-1964	19 items
Folder 17	Cumberland Caverns (Tennessee) – Photographs, notes, correspondence regarding saltpetre caves	1956-1965	13 items
Folder 18	Nickajack Cave (Tennessee) – Correspondence, notes	1961	11 items

Folder 10	Johnson's Cave (Tennessee) – Photographs	n.d.	11 items
Folder 20	Rock Island State Park (Tennessee) – Report on Master Plan	1966	1 item
Folder 21	Sycamore Powder Works (Tennessee) – Notes, photographs, letters	1955-1961	15 items
Folder 22	Tennessee saltpetre caves – Correspondence, notes, photographs, maps	1954-1967	36 items
Folder 23	Texas saltpetre caves – Correspondence, notes	1966-1967	16 items
<b>BOX 3</b>	<b>Cave Research – Virginia</b>	<b>1936-1967</b>	<b>275 items</b>
Folder 1	Big Bone Cave (Virginia) – Correspondence, notes, articles, photographs	1956-1967	104 items
Folder 2	Breathing Cave (Virginia) – Notes, articles, map, photographs; William J. Foster, "The Collection of Mineralogical Data in Speleological Work"	1949-1957	23 items
Folder 3	Buchanan Cave (Virginia) – Notes, photographs, Buchanan family research	1958-1960	30 items
Folder 4	Clark's Cave (Virginia) – Notes, map, photographs	1944, n.d.	8 items
Folder 5	Madison's Cave (Virginia) – Notes, articles, map	1948-1958	19 items
Folder 6	Perry Saltpetre Cave (Virginia) – Correspondence, notes	1960-1961	17 items
Folder 7	Porter's Cave (Virginia) – Directions, notes	1948	2 items
Folder 8	Repass Cave (Virginia) – Articles, notes	1958-1960	9 items
Folder 9	Star Chapel Cave (Virginia) – Photographic negative (outside cave)	1957?	1 item
Folder 10	Weir's (Wier's, Weyer's) Cave (Virginia) – Notes	1966, n.d.	6 items
Folder 11	Wythe County, Virginia – Lead Mines – Notes; excerpt from William Kohler's history	n.d.	3 items

Folder 12	Virginia saltpetre caves – Lists, articles, notes, maps; Tredegar Iron Works	1936-1954	16 items
Folder 13	Virginia saltpetre caves – Correspondence, photographs; Burton Faust, “The Last of the Petre-Monkeys” (with photograph)	1966-1967	11 items
Folder 14	Virginia saltpetre caves – Queries; Burton Faust, “Saltpetre Caves and Virginia History” (drafts) and related correspondence	1953-1965	26 items
<b>BOX 4</b>	<b>Cave Research – West Virginia</b>	<b>1940-1962</b>	<b>93 items</b>
Folder 1	New Trout Rock Cave (West Virginia) – Notes, correspondence	1951-1952	8 items
Folder 2	Organ Cave (West Virginia) – Notes, photographs, correspondence	1959-1961	8 items
Folder 3	Patterson Creek cave (West Virginia) – Notes, correspondence	1961-1962	10 items
Folder 4	H. F. Stimson, “The Survey of Schoolhouse Cave” (West Virginia)	1950	1 item
Folder 5	Burton Faust, “Sinnet Cave – Observations,” with photograph (West Virginia)	1956	3 items
Folder 6	Burton Faust, “Observations and remarks relative to the production of saltpetre in Snedegars Cave,” with photographs and map (West Virginia)	1959	12 items
Folder 7	Smoke Hole Cavern (West Virginia) – Clipping, notes	1958	3 items
Folder 8	Tory Cave (West Virginia) – Notes, photographs	n.d.	18 items
Folder 9	Trout Rock Cave (West Virginia) – Notes, clippings, correspondence, photographs	1944-1962	18 items
Folder 10	West Virginia caves – Maps	1940-1953	7 items
Folder 11	West Virginia caves – Notes, photographs	1953-1961	5 items

<b>BOX 5</b>	<b>Correspondence</b>	<b>1946-1972</b>	<b>330 items</b>
Folder 1	Correspondence with British scholars	1951-1962	100 items
Folder 2	Correspondence with Austrian scholars	1953-1963	38 items
Folder 3	Correspondence regarding Franklin Folsom, <i>Exploring American Caves</i>	1961	3 items
Folder 4	General correspondence and queries regarding world saltpetre production	1946-1966	23 items
Folder 5	Correspondence with Felix G. Robinson, editor of <i>Tableland Trails</i>	1952-1953	8 items
Folder 6	Correspondence with G. Alexander Robinson regarding National Speleological Society, etc.	1950-1952	11 items
Folder 7	Correspondence with Vincent Voaden regarding cave explorations, etc.	1948-1952	16 items
Folder 8	Correspondence with Alfred M. Web and Robert Hinshaw regarding cave exploration, National Speleological Society, etc.	1951-1953	11 items
Folder 9	Correspondence regarding permissions to quote	1957-1965	28 items
Folder 10	Clippings, correspondence with Eleutherian Mills-Hagley Foundation regarding saltpetre research and Du Pont Company records; Du Pont patent booklet	1955-1965	79 items
Folder 11	Clippings, correspondence with Smithsonian Institution regarding saltpetre studies	1960-1966	10 items
Folder 12	Letter of thanks for paper, "Saltpetre Mining Tools Used in Caves," and notes	1956	2 items
Folder 13	Wilda Faust letter regarding research material	1972	1 item
<b>BOX 6</b>	<b>Saltpetre Research – Colonial, Revolutionary Periods, War of 1812</b>	<b>1959-1967</b>	<b>231 items</b>
Folder 1	Notes, research on colonial period	n.d.	44 items

Folder 2	Notes, drafts on colonial and Revolutionary period; notes on Continental Congress journals and state resolutions; Massachusetts Bay records	n.d.	52 items
Folder 3	Colonial resolutions, etc. regarding saltpetre production; Massachusetts records	n.d.	22 items
Folder 4	<i>The Committees of Safety of Westmoreland and Fincastle: Proceedings of the County Committees, 1774-1776</i> ; notes on "Essays Upon the Making of Salt Peter and Gunpowder," published by the Committee of Safety of the Colony of New York, 1776	n.d.	2 items
Folder 5	Agreement to organize saltpetre works at Wilmington, Delaware, 1775	n.d.	2 items
Folder 6	Notes on Committee of Safety from Pennsylvania Archives	n.d.	10 items
Folder 7	<i>Several Methods of Making Saltpetre Recommended to the Inhabitants of the United Colonies by the Honorable Continental Congress, 1775, 1776</i>	n.d.	4 items
Folder 8	Notes and drafts on Revolutionary period; bibliographic notes for chapter on trade and commerce; excerpt from <i>Philosophical Transactions</i> (1716) regarding Mendipp-Hills caves	n.d.	24 items
Folder 9	Notes and correspondence regarding Mary Patton story (maker of gunpowder for Battle of King's Mountain)	1966-1967	13 items
Folder 10	North Carolina – Colonial and state records regarding saltpetre	n.d.	19 items
Folder 11	Maryland – Colonial source material regarding saltpetre and gunpowder	n.d.	16 items
Folder 12	Stephen Decatur – Notes, correspondence	1961	6 items
Folder 13	Chickasaw Nation – Agreement regarding access to saltpetre caves, 1812	1959-1965	17 items



<b>BOX 7</b>	<b>Saltpetre Research – Civil War</b>	<b>1950-1966</b>	<b>236 items</b>
Folder 1	Research and drafts on saltpetre production before and during Civil War; notes from history of Confederate States Navy	n.d.	11 items
Folder 2	Notes, bibliography and drafts on Civil War saltpetre, Nitre Bureau	n.d.	15 items
Folder 3	Correspondence, 1863, orders and narrative regarding establishment of Confederate States of America Nitre and Mining Bureau	n.d.	11 items
Folder 4	Correspondence and orders, 1862-1863 regarding Confederate States of America Nitre and Mining Bureau	n.d.	17 items
Folder 5	Correspondence, etc., 1862-1864, from papers of Generals Ormsby M. Mitchell and George H. Thomas	1961	51 items
Folder 6	Correspondence and orders, 1862-1863, and correspondence, 1910, regarding nitre and iron works	n.d.	13 items
Folder 7	Josiah Gorgas letters (from George Washington Rains Papers) 1861-1865, regarding Confederate ordnance	n.d.	10 items
Folder 8	Notes and correspondence regarding Confederate ordnance and Confederate Powder Works, Augusta, Georgia; George W. Rains, <i>History of the Confederate Powder Works</i> , 1882	n.d.	17 items
Folder 9	Confederate Powder Works, Augusta, Georgia – Photograph; unidentified cave photographs	n.d.	4 items
Folder 10	Correspondence with descendant of E. Kirby Smith regarding Confederate Nitre and Mining Bureau; notes from Kirby-Smith Papers	1962-1966	4 items
Folder 11	Papers and notes on gunpowder invention and production; draft on Confederate procurement of nitre and gunpowder production	n.d.	5 items

Folder 12	Correspondence, 1863, and map of Kingston Saltpetre Cave (Georgia)	n.d.	4 items
Folder 13	“Nitro, Women, and Verse, or The Jonathan Haralson Story,” and related research and correspondence	1954-1955	20 items
Folder 14	List of Civil War sources in Du Pont archives; notes on Du Pont and Lavoisier; Wyndham D. Miles, on chemists and chemistry during the Civil War	1950, n.d.	3 items
Folder 15	The Trent Affair – Article and clipping	1961-1964	3 items
Folder 16	Clippings about elderly Confederate veterans	1951-1960	13 items
Folder 17	South Carolina – Research and correspondence regarding saltpetre; Joseph LeConte, “Instructions for the Manufacture of Saltpetre (1862); Noland R. Livingston, “Nitro Manufacturing by the State of South Carolina During the Civil War” (1964)	1961-1964	26 items
Folder 18	Notes on “Thrilling adventures of Daniel Ellis,” a saltpetre cave hunter	n.d.	1 item
Folder 19	Letters patent, 1863, for gunpowder methods; articles on chemistry of saltpetre	n.d.	8 items
<b>BOX 8</b>	<b>Saltpetre Research – Source Material</b>	<b>n.d.</b>	<b>77 items</b>
Folder 1	Israel Aber, <i>The Art of Manufacturing Saltpetre</i> , 1796	n.d.	3 items
Folder 2	Articles on alchemy from <i>Ambix</i> (1959, n.d.)	n.d.	3 items
Folder 3	William Anderson, <i>Sketch of the mode of manufacturing gunpowder at the Ishopore Mills in Bengal</i> , 1862	n.d.	1 item
Folder 4	John Bate, <i>The Second Booke Teaching. . . the composing of all manner of Fire-works</i> , 1635	n.d.	1 item
Folder 5	Notes from John Beckmann, <i>A History of Inventions, Discoveries, and Origins</i> (1846)	n.d.	1 item
Folder 6	J. J. Berzelius, <i>Traité de Chimie</i> , 1831 (in French)	n.d.	1 item

Folder 7	Marie Boas, "An Early Version of Boyle's <i>Sceptical Chymist</i> ," July 1954	n.d.	2 items
Folder 8	H. Boerhaave, <i>A New Method of Chemistry</i> , 1727 and notes	n.d.	4 items
Folder 9	Robert Boyle, "A Fundamental Experiment made with Nitre," 1725 (typescript)	n.d.	3 items
Folder 10	Karl Braun, "Who Discovered Gunpowder?," 1883 (typescript of translation)	n.d.	1 item
Folder 11	Notes (in French) from Jacques-Pierre Brissot, <i>New Travels in the United States of America</i> , 1791	n.d.	2 items
Folder 12	Jeremiah Brown on making saltpetre – Notes from <i>Annual Register</i> , 1768 and article in <i>Virginia Gazette</i> , 4 August 1775	n.d.	3 items
Folder 13	Monte Alan Calvert, "The Search for a Domestic Source of Saltpetre for Use in Making Gunpowder, 1620-1920," 1961	n.d.	2 items
Folder 14	"Cave Crawlers," feature in <i>People and Places</i> , November 1948, and related correspondence	1949	7 items
Folder 15	Alfred D. Chandler, Jr., "Du Pont, Dahlgren, and the Civil War Nitre Shortage," 1949 (typescript)	n.d.	1 item
Folder 16	Nicholas D. Cheronis, "Chemical Warfare in the Middle Ages," 1937	n.d.	2 items
Folder 17	William Clarke, <i>The Natural History of Nitre</i> , 1670	n.d.	1 item
Folder 18	R. Coleman, "On the Manufacture and constituent parts of gunpowder," 1801 (original, typescript)	n.d.	1 item
Folder 19	Notes from journal of Nicholas Cresswell, 1774-1777	n.d.	1 item
Folder 20	James Cutbush, "Remarks concerning the composition and properties of the Greek fire," 1823 (typescript) and related notes	n.d.	4 items
Folder 21	Tenney L. Davis, "Roger Bacon's Gunpowder and His Secret Wisdom," 1928	n.d.	2 items

Folder 22	Allen G. Debus, "The Paracelsian Aerial Niter," 1964	n.d.	1 item
Folder 23	M. C. de la Chambre, <i>A Discourse about the Causes of the Inundation of the Nile</i> , 1666 (in French); book review (in English)	n.d.	6 items
Folder 24	William Denries, <i>Considerations on the Importance of the Production of Saltpetre in England</i> , 1783	n.d.	1 item
Folder 25	<i>Dictionary of Explosives</i> entry on saltpetre	n.d.	1 item
Folder 26	Diderot's Encyclopedia on saltpetre	n.d.	1 item
Folder 27	E. I. Du Pont letters, 1802-1829 (copies and excerpts) regarding acquisition of saltpetre from Kentucky and elsewhere	n.d.	6 items
Folder 28	William Fulton patent for coal burner improvement drawing of hopper	n.d.	3 items
Folder 29	Joseph Furttenbach, <i>Halintro-Pyrobolia</i> , 1627 and notes (in German and English)	n.d.	7 items
Folder 30	L. C. Glenn, "Discussion of the Chemical Analyses of the Cave Deposits of Tennessee," 1918	n.d.	1 item
Folder 31	Henry Guerlac, "The Poets' Nitre: Studies in the Chemistry of John Mayow," 1954	n.d.	1 item
Folder 32	Oscar Guttman, <i>Monumenta Pulveris Tyrii</i> , 1906	n.d.	1 item
Folder 33	Mr. Henshaw, "The History of the Making of Salt-Peter," 1667; Henry Stubbe, "Animadversions upon the History of making Salt-Petre which was penned by Mr. Henshaw," 1670	n.d.	2 items
<b>BOX 9</b>	<b>Saltpetre Research – Source Material</b>	<b>1954-1955</b>	<b>80 items</b>
Folder 1	Carol A. Hill and Duane DePaepe, "Saltpeter Mining in Kentucky Caves," 1979; Saltpeter issue of <i>NSS Bulletin</i> , 1981 dedicated to Burton Faust	n.d.	2 items
Folder 2	H. W. L. Hime, "Cannon at Cressy," 1899 (typescript)	n.d.	2 items

Folder 3	H. W. L. Hime, "Our Earliest Cannon, 1314-1346," 1904-1905 (typescript)	n.d.	2 items
Folder 4	Herbert C. and Lou H. Hoover, "Agricola's Position in Science," 1955; notes on Agricola's <i>De Re Metallica</i> , 1556	n.d.	2 items
Folder 5	A. T. Jackson, "Confederate Gunpowder"	n.d.	1 item
Folder 6	Henri Lenoir, <i>Historique &amp; Législation du Salpêtre</i> , 1922 (in French)	n.d.	1 item
Folder 7	Berkeley R. Lewis, "Notes on Ammunition of the American Civil War 1861-1865," 1959	n.d.	1 item
Folder 8	M. Longchamp, "Theorie Nouvelle de la Nitrification," 1823 (typescript) and commentary, 1827	n.d.	3 items
Folder 9	Claude A. Lopez, "Saltpetre, Tin and Gunpowder: Addenda to the Correspondence of Lavoisier and Franklin," 1969	n.d.	1 item
Folder 10	Notes from N. Ljubavin on saltpetre in Turkestan, <i>Chemical Society Journal</i> , 1885	n.d.	1 item
Folder 11	Charles Lynch on manufacture of gunpowder – <i>Virginia Gazette</i> , 1775	n.d.	3 items
Folder 12	Machiavelli article and note on saltpetre	n.d.	2 items
Folder 13	R. Maclagan, "On Early Asiatic Fire Weapons," 1876	n.d.	2 items
Folder 14	Albert Manucy, <i>Artillery Through the Ages</i> , 1949	n.d.	1 item
Folder 15	E. Meriam, "American Salt" and "The Mammoth Cave," <i>New York Municipal Gazette</i> , 1844	n.d.	1 item
Folder 16	Wyndham Miles articles on chemical history, 1950-1958	n.d.	5 items
Folder 17	Ministre de la Guerre, <i>Réclamation des Salpêtriers</i> , 1833; <i>Memoire sur la Necessite de Maintenir L'Extraction du Salpêtre Indigene</i> (1833) (in French)	n.d.	2 items

Folder 18	Notes from <i>Annals de Chimie et de Physique</i> , 1887 article on formation of nitre in tropical countries by A. Muntz and V. Mercano (English translation)	n.d.	1 item
Folder 19	Excerpt from Zoe Oldenbourg, <i>The Crusades</i>	n.d.	1 item
Folder 20	Abbot M. Pluche, "Spectacle of Nature," 1771 (Spanish and English translation)	n.d.	2 items
Folder 21	Charles C. Smith, "The Manufacture of Gunpowder in America," 1876	n.d.	2 items
Folder 22	Walter H. B. Smith, <i>Small Arms of the World</i>	n.d.	1 item
Folder 23	Orlando Stephenson, "The Supply of Gunpowder in 1776," 1925	n.d.	1 item
Folder 24	Sumerian and Babylonian uses of saltpetre – Articles and correspondence	1954-1955	10 items
Folder 25	<i>Traité de L'Art de Fabriquer La Poudre À Canon</i> , 1811 (in French)	n.d.	1 item
Folder 26	Dr. Ure on composition of gunpowder, 1831, from <i>American Journal of Science and Arts</i> (typescript)	n.d.	1 item
Folder 27	Hendrick Willem Van Loon, "The Story of Salt," 1937; notes and queries to Illinois, etc. relating to "The Salt Story"	1963	14 items
Folder 28	Wang Ling, "On the Invention and Use of Gunpowder and Firearms in China," 1947	n.d.	1 item
Folder 29	R. Watson, "Chemical Essays," 1781, on saltpetre in West Indies and Europe, and discovery of gunpowder (typescripts)	n.d.	4 items
Folder 30	Illustrations of saltpetre extraction equipment from French source	n.d.	7 items
Folder 31	Article on fireworks, 1950 (in Italian)	n.d.	1 item
Folder 32	J. R. Partington, <i>A History of Greek Fire and Gunpowder</i> , 1960	n.d.	1 item

<b>BOX 10</b>	<b>Notes, Drafts, Papers</b>	<b>1951-1967</b>	<b>130 items</b>
Folder 1	Outlines for narrative on saltpetre production	n.d.	4 items
Folder 2	Chronologies of saltpetre history	n.d.	4 items
Folder 3	Notes and references on Egypt, Kentucky, West Virginia, Virginia	n.d.	7 items
Folder 4	Notes on Revolutionary and Civil War periods	n.d.	12 items
Folder 5	Miscellaneous notes, drafts and note cards	n.d.	17 items
Folder 6	Queries, drafts regarding saltpetre production and use	1951-1962	24 items
Folder 7	Manuscript drafts on saltpetre history	n.d.	4 items
Folder 8	Outlines, abstracts, footnotes, etc. for <i>Caves, Caravans, and Cannons</i>	1962, n.d.	11 items
Folder 9	Manuscript draft of <i>Caves, Caravans, and Cannons</i>	n.d.	1 item
Folder 10	Drafts and notes relating to Civil War and Nitre Bureau	n.d.	9 items
Folder 11	Thomas Jefferson and saltpetre	n.d.	4 items
Folder 12	Burton Faust, "Some Observations on the Historical Development in the Processes Used in the Procurement of Saltpetre"	1965	2 items
Folder 13	Burton Faust, "Saltpetre References in the Bible" and notes	n.d.	12 items
Folder 14	Burton Faust, "Saltpetre as a mineral," 1967; Notes on Samuel Mitchell's observations on potash, 1799	1967	2 items
Folder 15	Burton Faust, "Saltpetre Mining, 1745-1805"; notes from "Farmers of Forty Centuries"	1953, n.d.	3 items
Folder 16	Notes and sketches on Lavoisier, Gorgas, Le Conte, Isaac Munroe St. John; Francis Hauksbee; Da Vinci	n.d.	10 items
Folder 17	Notes and articles on locations of gunpowder mills	n.d.	4 items

<b>BOX 11</b>	<b>Notes, Miscellaneous Writing</b>	<b>1956-1963</b>	<b>56 items</b>
Folder 1	Theories of nitrification – Notes, correspondence and papers	1956-1963	30 items
Folder 2	Abstracts and quotations from literature on saltpetre and incendiaries	n.d.	1 item
Folder 3	Notes on embalming; author's acknowledgements list; John Gorrie; bibliographic notes, William Wilkins	n.d.	5 items
Folder 4	Mexico – Correspondence, decrees regarding saltpetre	1954	13 items
Folder 5	Burton Faust remarks on Founding Fathers who were Masons	n.d.	2 items
Folder 6	Manuscripts of short stories	n.d.	3 items
Folder 7	Notes on cave folklore	n.d.	2 items
<b>BOX 12</b>	<b>Notes, Drafts, Bibliographic Material</b>	<b>1948-1967</b>	<b>184 items</b>
Folder 1	References checked and found not pertinent to research	1962, n.d.	8 items
Folder 2	Bibliographical notes on saltpetre and gunpowder	1948	5 items
Folder 3	Bibliographic notes, research on Civil War saltpetre	1962-1967	13 items
Folder 4	Notes on Clark's Cave and Bowman's cave visits; research notes on saltpetre and gunpowder; list of persons requesting saltpetre study when completed; notes on 1961 NSS convention in Chattanooga	1961, n.d.	37 items
Folder 5	Bibliographic notes, draft	n.d.	4 items
Folder 6	Notes on saltpetre prices during War of 1812; bibliographic notes; Jefferson Davis chronology	1962, n.d.	21 items
Folder 7	Drafts on Confederate (especially South Carolina) and nitre production during Civil War; research and bibliographic notes	n.d.	12 items



Folder 8	Bibliographic notes and cards	n.d.	13 items
Folder 9	Bibliographic notes and cards	1964-1965	19 items
Folder 10	Bibliographic notes	n.d.	5 items
Folder 11	Bibliographic notes and cards	n.d.	23 items
Folder 12	Bibliographic notes and cards	n.d.	10 items
Folder 13	Oversized items list (C1-D7,#5)	1957, n.d.	14 items
<b>BOX 13</b>	<b>Photographs</b>	<b>n.d.</b>	<b>70 items</b>
Folder 1	Water flowing from wooden pipe	n.d.	1 item
Folder 2	Reconstructed hopper	n.d.	1 item
Folder 3	Gas-fired cauldron	n.d.	1 item
Folder 4	Hoppers	n.d.	2 items
Folder 5	Burton Faust in Madison Cave	n.d.	15 items
Folder 6	Water pipe, ash barrel, cauldron, hoppers, broadaxe and man ("Grandpap")	n.d.	1 item
Folder 7	Dr. John L. Buchanan	n.d.	1 item
Folder 8	Removing hopper from Bone Cave	n.d.	2 items
Folder 9	Wooden ladder	n.d.	1 item
Folder 10	Stalagmites	n.d.	1 item
Folder 11	Cave formations	n.d.	5 items
Folder 12	"Earl" and unidentified man examining cave graffiti	n.d.	1 item
Folder 13	Unidentified women, possibly covers	n.d.	1 item
Folder 14	Unidentified men climbing in cave	n.d.	1 item
Folder 15	Streetscape	n.d.	1 item

Folder 16	Unidentified men with sign, "National Speleological Society Expedition Headquarters"	n.d.	1 item
Folder 17	Collecting trough made from hollowed log	n.d.	1 item
Folder 18	Negative of Mammoth Cave map from Drake Papers	n.d.	1 item
Folder 19	Public Relations Officer Burton Faust with a portion of donated Sylvania flash bulbs	n.d.	1 item
Folder 20	Medieval cannon (portion of illustrated page from Christ Church Library, Oxford) and related letter	n.d.	2 items
Folder 21	Outside Timpanogas Cave, Utah	n.d.	1 item
Folder 22	Organ Cave, West Virginia	n.d.	1 item
Folder 23	New Trout Cave, West Virginia	n.d.	2 items
Folder 24	Madison Cave, Virginia	n.d.	7 items
Folder 25	Mummy in Great Salts	n.d.	1 item
Folder 26	Buchanan Cave, Virginia	n.d.	2 items
Folder 27	Drawing of a mill complex, proprietor John Walton, dedicated by J. Farmer	n.d.	1 item
Folder 28	George Jackson with slide projector	n.d.	1 item
Folder 29	National field trip to Grand Caverns (formerly Weyer's Cave), Grottoes, Virginia	n.d.	1 item
Folder 30	Clark's Cave, Virginia	n.d.	2 items
Folder 31	Floyd Collins Crystal Cave, Kentucky	n.d.	7 items
Folder 32	Monument Pillar and cannon, Cumberland Caverns, Tennessee	n.d.	2 items
Folder 33	Railroad in Frio Cave, Texas	n.d.	1 item

<b>BOX 14</b>	<b>Bibliographic Note Cards</b>	<b>n.d.</b>
	Bibliographic reference cards by author, publication, title	n.d.
<b>BOX 15</b>	<b>Bibliographic Note Cards</b>	<b>n.d.</b>
	Bibliographic reference cards by author and genre	n.d.
<b>BOX 16</b>	<b>Bibliographic Note Cards; Slides</b>	<b>n.d.</b>
	Bibliographic reference cards; chronology cards; slides	n.d.
<b>BOX 17</b>	<b>Saltpetre sample; Audiotapes; Negatives</b>	<b>n.d.</b>
	Sample of saltpetre crystals from Arnold (Wiesenthal) Cave on Patterson Creek, West Virginia; audiotape reels; negative rolls (see list in Box 1, Folder 2)	n.d.

### ***BIBLIOGRAPHIC RECORD***

MSS FAUST, Burton Sherwood, 1936-1980  
620 1898-1967

Correspondence, research notes, drafts, photographs, reference works and bibliographic material of Burton S. Faust relating to his studies of the chemical, historical and cultural aspects of saltpetre and of spelean saltpetre mining in the United States.

17 boxes. 235 folders. 2,085 items. Originals, photocopies, photographs, slides, audiotapes.  
1980.126.1

### ***SUBJECT ANALYTICS***

Alabama – Travel and description, 1964 B1,F5  
Caves – Alabama B1,F5; B2,F1-7

Caves – Georgia B7,F9,12  
 Caves – Indiana B2,F8  
 Caves – Kentucky B2,F9-15; B12,F4; B13,F31  
 Caves – Missouri B2,F16  
 Caves – Tennessee B2,F17-22; B13,F32  
 Caves – Texas B2,F23  
 Caves – Virginia B3; B12,F13; B13,F5,8,24,26,29,30  
 Caves – West Virginia B4; B12,F13; B13,F22,23  
 Civil War, 1861-1865 – Relating to  
 Diaries, 1963-1965 – Faust, Burton Sherwood, 1898-1967 B1,F4  
 Driver licenses – Florida, 1948-1952 B1,F3  
 Faust, Burton Sherwood, 1898-1967 – Photographs B13,F5,19  
 Faust, Wilda (Freebern), 1902-1983 B5,F13  
 Faust, Wilda (Freebern), 1902-1983 – Relating to B1,F3  
 Florida – Travel and description, 1964 B1,F5  
 Gunpowder – Manufacture – Relating to  
 Mammoth Cave – Relating to B2,F9-11; B9,F15; B12,F13; B13,F18  
 National Speleological Society – Relating to  
 Ocean travel, 1967 B1,F7  
 Puerto Rico – Travel and description, 1964 B1,F5  
 Revolutionary War, 1775-1783 – Relating to  
 Salling, John, d. 1959 – Relating to B3,F13; B7,F16  
 Saltpetre  
 Saltpetre industry  
 Speleologists  
 Speleology  
 Tennessee – Travel and description, 1964 B1,F5  
 Virginia – Travel and description, 1964 B1,F5  
 War of 1812 – Relating to

Niedermeier/Jeffrey 11/14/2017