

GUNPOWDER & GEOMETRY: BIBLIOGRAPHY

This bibliography accompanies the printed biography *Gunpowder & Geometry: The Life of Charles Hutton, Pit Boy, Mathematician and Scientific Rebel* (London, 2019). It lists all the sources explicitly cited there, as well as further manuscript and printed sources used in the course of my research on Charles Hutton.

I. ARCHIVAL

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MS 3597/103/1–2. Two printed memoirs of Charles Hutton. 1823.

MS 3597/103/3–7. Some publishers' advertisements of Charles Hutton's works.

MS 3597/103/8. Facsimile autograph of Charles Hutton. 1819.

MS 3597/105/1. Genealogical details of the Hutton family, compiled by Mrs Catherine Hutton Beale. 1869.

MS 3597/106/16A–J. Specimen letters, examples of handwriting, and other material concerning members of the Hutton family.

MS 3597/55. Copies of letters and extracts from letters, written by Catherine Hutton, mainly concerning her visits to London.

MS 3597/56, 58. Copies of letters and extracts from letters, written by Catherine Hutton, on miscellaneous subjects.

MS 3597/73. Letter, Charles Hutton to Catherine Hutton. 18 October 1819.

MS 3597/78/1–7. Miscellaneous notes and papers of Catherine Hutton.

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MS Add. 7886/117. Letter, Charles Hutton to William Frennd. 21 May 1791.

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REG 9/37: 2. Notebook of accounts of Nevil Maskelyne, including at 83 items relating to Hutton.

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RGO 4/187/18. Letter, Charles Hutton to Nevil Maskelyne. Woolwich, 19 December 1793.

RGO 4/187/22: 1–2. Letter, Mr Rowed of the Globe Tavern, Fleet Street to Nevil Maskelyne. June 1795.

RGO 4/187/26: 1. Letter, Charles Hutton to Nevil Maskelyne. 27 February 1796.

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RGO 14/6. Board of Longitude, confirmed minutes 1780–1801.

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- RGO 35/43. Letter (photostat), Nevil Maskelyne to Sir Joseph Banks. 16 April 1781.
- RGO 35/92. Letter (photocopy), Nevil Maskelyne to Charles Hutton. 20 June 179[].
- RGO 35/106. Letter (photocopy?), David Kinnebrook to his father. 23 February 1795.
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- RGO 35/115. Letter (photocopy), David Kinnebrook to his father. 29 October 1795.
- (RGO MSS 35:1–96 are photostats of the Arnold-Forster letter collection: Nigel Arnold-Forster Esq., Basset Down, nr. Swindon, Wilts SN4 9QP.)

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CAMBRIDGE: TRINITY COLLEGE LIBRARY

R.1.59. Miscellaneous mathematical manuscripts by Charles Hutton and others.

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DURHAM: DURHAM UNIVERSITY LIBRARY

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- Add. MS 8098, fol. 385. Letter, Charles Hutton to Joseph Banks. Woolwich, 12 March 1797.
- Add. MS 28104, fol. 68. Letter, Francis Maseres to Charles Hutton. Inner Temple, 14 April 1801.
- Add. MS 33542 fol. 483. Letter, Charles Hutton to E. Collins. 1797.
- Add. MS 34536. Miscellaneous papers relating to C.B. Vignoles.
- Add. MS 35071. Journals of C.B. Vignoles, 1830–33.
- Add. MS 37182, fols 60–61. Charles Hutton, testimonial for Charles Babbage. 1816.
- Add. MS 37910, fol. 85. Letter, Charles Hutton to W. Windham. 1809.
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Add. MS 58203–6. Diaries of C.B. Vignoles, 1824–51.

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EC/1780/19. Proposal of Thomas Davies for Fellowship of the Royal Society, read 7 December 1780.

EC/1821/44. Proposal of George Rennie for Fellowship of the Royal Society, read 20 December 1821.

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JBO/32. Original Journal Book, 1784–7.

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MM/1. Miscellaneous items relating to the Hutton affair.

MM/15/4. Copy of notes on determining the heights of mountains by the barometer, by Nevil Maskelyne and Charles Hutton.

MM/22/10. Letter, John J. Bennett to Robert Brown, describing the 1783–4 Hutton affair. 16 November 1839.

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[DeM] L.4 [Waring]. Copy of Edward Waring, *On the Principles of Translating Algebraic Quantities into Probable Relations and Annuities, &c.* (Cambridge, 1792), with letter, Charles Hutton to Francis Baily, 13 July [1808?], tipped in at rear.

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MS Galton 2/4/1/2/9. Letter of Charles Blacker Vignoles to Francis Galton, 17 Nov 1865, concerning Charles Hutton and other relatives.

MS Graves 23/3/5. Letter from Reuben Burrow to Charles Hutton, 24 September 1773.

LONDON: WELLCOME COLLECTION

MS 5270. Includes letters of Banks to Hutton, Baily to Catherine Hutton, Matthew Robinson Boulton to Catherine Hutton, William Hamper to Catherine Hutton, Hutton to Catherine Hutton, John Nichols to William and Catherine Hutton, and Playfair to Hutton

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GUNPOWDER & GEOMETRY

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The London Evening Post
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Memoirs of the Royal Astronomical Society
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The Monthly Review
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IV. DIGITAL RESOURCES

American Academy of Arts and Sciences: Academy Members 1780–present

www.amacad.org/publications/BookofMembers/ChapterH.pdf.

Ancestry

ancestry.co.uk

Clergy of the Church of England Database

theclergydatabase.org.uk

Early Modern Letters online

emlo.bodleian.ox.ac.uk

Family Search

familysearch.org

Find My Past

findmypast.com

Former Fellows of the Royal Society of Edinburgh, 1783–2002 (C.D. Waterston and A. Macmillan Shearer: Edinburgh, 2006)

www.royalsoced.org.uk/cms/files/fellows/biographical_index/fells_indexp1.pdf

FreeREG

freereg.org.uk

List of Fellows of the Royal Society 1660–2007

royalsociety.org/~media/Royal_Society.../fellowship/Fellows1660-2007.pdf

The National Portrait Gallery

www.npg.org.uk

'Newcastle, Hanover Square, Unitarian Chapel', in 'Sitelines: Tyne and Wear's historic environment record'

www.twsitelines.info/smr/7688.

Newcastle Unitarian Church

www.ukunitarians.org.uk/newcastleupontyne/history.htm

ODNB (Oxford Dictionary of National Biography)

www.oxforddnb.com

The Raymond and Beverly Sackler Archive Resource

royalsociety.org/library/collections/biographical-records

Royal Arsenal History

www.royal-arsenal-history.com/royal-arsenal-timeline.html

The Royal Astronomical Society

www.ras.org.uk

The Wellesley Index to Victorian Periodicals

wellesley.chadwyck.com.

The William Blake Archive

blakearchive.org