The British Journal for the History of Science

Volume 45 Part 1 No. 164

March 2012

ISSN

Published for The British Society for the History of Science by Cambridge University Press



EDITORS

Jon Agar (Editor) Department of Science and Technology Studies University College London London WC1E 6BT

Joe Cain (Associate Editor) University College London

Hasok Chang (Associate Editor) University of Cambridge

EDITORIAL BOARD

John Brooke

Harris Manchester College, Oxford

Janet Browne

Harvard University

Peter Dear

Cornell University

Ludmilla Jordanova

King's College London

David Philip Miller

University of New South Wales

James Moore

Open University

Iwan Rhys Morus

University of Aberystwyth

Adam Mosley (Reviews Editor) Swansea University

Gregory Radick

Leeds University

Kapil Raj

Centre Alexandre Koyré

Lissa Roberts

Universiteit Twente

Simon Schaffer

University of Cambridge

Crosbie Smith

University of Kent at Canterbury

The British Journal for the History of Science (BJHS) is the journal of the British Society for the History of Science, the major national body for this subject in Britain. One of the premier journals in the field, it publishes high quality papers and review articles in all aspects of the history of science. There are four issues per year comprising an annual volume of around 500 pages. BJHS also includes an extensive book review section. Occasional thematic issues are published on important problems

Contributions are very welcome. They should be sent to the Editor, Jon Agar, Department of Science and Technology Studies, University College London, Gower Street, London, WC1E 6BT, email ucrhjea@ucl.ac.uk. They are considered on the understanding that they are unpublished and are not on offer to another journal. Contributions should be submitted in electronic form as an email attachment, preferably in MS Word format. Hard copies on A4 or American quarto paper are, however, acceptable, by arrangement with the editor.

Texts should be double spaced with a margin. Always include an abstract of 150-200 words. Long quotations should be inset. Short quotations should be given single quotation marks. Spelling should follow the Oxford English Dictionary. All papers should be rigorously documented. References to primary and secondary sources must be set as endnotes, not as footnotes, and typed in double spacing and numbered consecutively. Cite as follows:

1 Boris Smetov and Dmitri Blogski, Chemistry in the Eighteenth Century, 2nd edn (tr. Robert Roe), 5 vols., Edinburgh: Edinburgh University Press, 1886-1914, vol. 3, pp. 237-238.

2 John Doe, 'Searching for gravity waves', in Andrew Burn and Zigmund Trent (eds.), The History of Physics, Oxford: Oxford University Press, 1982, pp. 22-24.

3 Doe, op. cit. (2), pp. 23–24. 4 Nicodemus Brown, 'Developments of the cathode ray', Journal of Physics (1972) 7, pp. 25–31. Spell out journal titles. Give complete page run of articles cited and, where appropriate, the page number to which the citation refers.

5 John Herschel to George Peacock, 17 May 1836, Herschel Papers, Royal Astronomical Society, London (subsequently HP), Box 1234, 56. For manuscript sources please supply whatever information is necessary for the reference to be found. Subsequent references can be cited by name, date, abbreviated source, box, page or folio number.

For theses, give University Microfilm order number or at least the Dissertations Abstract number.

Line drawings should be submitted electronically where possible, as jpg, tif or eps files, scanned at 300dpi or as Excel documents. (If drawn they should be bold in black ink on white paper, feint-ruled graph paper or tracing paper.) Photographs should be sent as tif or jpg files on CD or on email if the files are small; photographs can also be submitted as high resolution black and white glossy prints of good contrast. The place of the illustration should be indicated in the margin of the text. Mark each illustration with the author's name and its number lightly in pencil on the reverse. Type citations on a separate sheet and include full details of the sources. Permission to reproduce material is entirely the author's responsibility and should be cited where given. Xerox copies may be sent with article on first submission, or pdf files.

The editor requires the final agreed version of the manuscript to be supplied double spaced and always in electronic form as a Word document with appropriate electronic artwork files. Place your institutional address and acknowledgements at the end of your paper before the notes. Do not include acknowledgements or your own address as part of the first note.

Joint contributors should note that proofs and order forms for offprints will be sent to the first named author unless the Editor is otherwise informed.

© British Society for the History of Science. The British Society for the History of Science retains copyright for all articles published. It is the author's responsibility to secure any necessary permission for publication. Single copies of articles may be made for research or private study. Permission to make multiple copies must be obtained from the Society. Authors receive twenty-five offprints of articles free. Typescripts are not normally returned to authors. In all matters concerning the publication of the article, the Editor's decision is final. The Editor, Editorial Board and Council of the Society cannot accept responsibility for any views expressed by contributors in articles published by the Journal.

Subscriptions: BJHS The British Journal for the History of Science (ISSN: 0007-0874) is published quarterly in March, June, September and December by Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK. The subscription price (excluding VAT) of Volume 45, 2012, is £170 net (USA, Canada and Mexico US \$321) post free institutions print and electronic, institutions electronic only £155/\$293; single parts cost £46 net (USA, Canada and Mexico US \$83) plus postage. Four parts form a volume. Orders, which must be accompanied by payment, may be sent to any bookseller, subscription agent or to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU or in the USA, Canada and Mexico to Cambridge University Press, Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, New York 10994-2133. Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Japanese prices for institutions are available from Kinokuniya Company Ltd, PO Box 55, Chitose, Tokyo 156, Japan. Prices include delivery by air. Periodicals postage paid at New York, NY and at additional mailing offices. POSTMASTER: send address changes in USA, Canada and Mexico to BJHS The British Journal for the History of Science, Cambridge University Press, 100 Brook Hill Drive, West Nyack, New York 10994-2133.