



History

Books and Journals from Cambridge University Press

History is the largest single subject area for the Press. It is a programme with both depth and breadth, ranging in subject matter from late antiquity to the present day, international in scope and embracing new approaches.

Our publishing includes major reference series, textbooks and monographs, as well as a collection of distinguished journals affiliated to the world's leading scholarly societies.

Together, they reflect the diversity of the discipline and offer an unmatched resource for today's historians.

For further details visit:

cambridge.org/core-history

Cambridge
Core

 CAMBRIDGE
UNIVERSITY PRESS

THE BRITISH SOCIETY FOR THE HISTORY OF SCIENCE

Membership of the Society, which includes a subscription to *The British Journal for the History of Science*, is open to all persons approved by the Council of the Society and elected at an Extraordinary General Meeting. Details of the annual subscription can be found on our website www.bshs.org.uk or from the Executive Secretary at the address below. There is an Introductory offer for the first year.

BSHS publications: BSHS Monograph Series is designed to allow the publication of monographic studies in the history of science quickly and cheaply. Monographs 1–13 are available in digital form and can be downloaded for free via the BSHS website. Monographs 12–14 are available via a print-on-demand service.

Recent titles are as follows:

Images of the Earth: Essays in the History of the Environmental Sciences. Edited by L. J. Jordanova and R. Porter. Second edition. 1997. £17.

Science in Art: Works in the National Gallery that illustrate the History of Science and Technology. By J. V. Field and F. A. J. L. James. 1997. £15.

To See the Fellows Fight: Eye-witness accounts of meetings of the Geological Society of London and its Club, 1822-1868. By J. C. Thackray. 2003. £15.

The Society's magazine, *Viewpoint*, an informal publication, appears three times a year. It is free to members, £12.00 for institutions and UK non-members, 17.00 for overseas non-members from the Executive Secretary.

Administrative business of the Society is handled by Lucy Santos, Executive Secretary, British Society for the History of Science, PO Box 73631, London, SW14 9BS. The Society is registered in England as a Limited Company (No. 562208) and is a Registered Charity (No. 258854). Email office@bshs.org.uk.

Information about the Society is available through the Internet: <http://www.bshs.org.uk>

Copying: This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 09123. Organizations in the USA who are also registered with the CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC of the per-copy fee of \$12.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0007-0874/2017 \$12.00.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. Articles from the Journal in electronic form can be obtained from Cambridge Core (cambridge.org/core), Proquest (www.proquest.com) and NAPC (www.napubco.com).

For all other use, permission should be sought from Cambridge University Press or from its American branch.

Advertising: Contact the Journals Advertising Manager, Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8BS.

Back volumes a limited number of back volumes are available from BSHS Executive Secretary, PO Box 73631, London, SW14 9BS. For Volume 24 onwards, apply to Cambridge University Press in printed form.

Information on the *British Journal for the History of Science* and all other Cambridge journals can be accessed via cambridge.org/bjh

Claims for missing issues should be made immediately on receipt of the subsequent issue.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed in the United Kingdom by Bell & Bain

The British
Journal
for the
History of
Science

BJHS

Volume 50
Part 2 No. 185

June 2017

- 173 Editorial: Past editors' favourite papers published during their time in office
- 181 Galileo's legacy: a critical edition and translation of the manuscript of Vincenzo Viviani's *Grati Animi Monumenta*
STEFANO GATTEI
- 229 'Transporting thought': cultures of balloon flight in Britain, 1784–1785
CAITLÍN RÓISÍN DOHERTY
- 249 'A very diadem of light': exhibitions in Victorian London, the Parliamentary light and the shaping of the Trinity House lighthouses
STEPHEN COURTNEY
- 267 Discipline building in Germany: women and genetics at the Berlin Institute for Heredity Research
IDA H. STAMHUIS AND ANNETTE B. VOGT
- 297 Physics moves to the provinces: the Siberian physics community and Soviet power, 1917–1940
PAUL JOSEPHSON AND ALEKSANDR SOROKIN
- 329 Lorenz Oken (1779–1851): *Naturphilosophie* and the reform of natural history
ANDREA GAMBAROTTO
- 341 Book reviews

B S H S
THE BRITISH
SOCIETY FOR
THE HISTORY
OF SCIENCE

Published for
by

The British Society for the History of Science
Cambridge University Press

Cambridge Core

For further information about this journal
please go to the journal website at:
cambridge.org/bjhs



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS