

The British Journal for the History of Science

November 1975

Volume VIII Part 3 No. 30

Published by
The British Society for the History of Science

OFFICERS AND COUNCIL OF THE BRITISH SOCIETY
FOR THE HISTORY OF SCIENCE

1974-5

President: Professor M. P. CROSLAND

Vice-Presidents: DR M. P. EARLES
DR M. B. HESSE
PROFESSOR P. M. RATTANSI

Hon. Secretary: H. G. L. BEVAN, Esq.

Hon. Treasurer: G. L'E. TURNER, Esq.

Hon. Editor: DR R. FOX

Hon. Programme Secretary:
DR A. M. DUNCAN

Council: DR W. F. BYNUM
MR J. R. R. CHRISTIE
DR W. V. FARRAR
DR N. W. FISHER
DR E. G. FORBES
DR F. GREENAWAY
PROFESSOR A. R. HALL
DR A. G. KELLER
PROFESSOR S. F. MASON
MR J. B. MORRELL
DR A. D. ORANGE
DR R. S. PORTER

The British Journal for the History of Science

November 1975

Volume VIII Part 3 No. 30

CONTENTS

Early Experimental Graphs LAURA TILLING	193
Robert Chambers and the Nebular Hypothesis. MARILYN BAILEY OGILVIE	214
G. N. Lewis's Views on Bond Theory, 1900–16. ROBERT E. KOHLER .	233
Essay Reviews:	
Science and Ideology in the Soviet Union	240
Delusions in Defence: Atomic Politics 1945–52	246
Book Reviews (for details see next page)	250
Books Received	263
List of Theses	267
Notes on Contributors	279
Report of Council	280
Inquiry	283

Published by

The British Society for the History of Science

ESSAY REVIEWS

	PAGE
DAVID JORAVSKY, <i>The Lysenko affair</i> : rev. by GARY WERSKEY	240
MARGARET GOWING, <i>Independence and deterrence. Britain and atomic energy 1945-1952</i> : rev. by R. V. JONES	246

BOOK REVIEWS

GENERAL

JONATHAN R. COLE and STEPHEN COLE, <i>Social stratification in science</i> : rev. by J. B. MORRELL	250
C. A. RUSSELL, D. C. GOODMAN, and J. H. BROOKE, <i>Science and belief: from Copernicus to Darwin</i> : rev. by LORNA E. DUFFIN	250

MATHEMATICS

LOUIS COUTURAT, <i>De l'infini mathématique</i> : rev. by I. GRATTAN-GUINNESS	251
---	-----

GEOLOGY

ABRAHAM GOTTLIB WERNER, <i>Short classification and description of the various rocks</i> : rev. by MICHAEL J. BARTHOLOMEW	252
WHITE WATSON, <i>The strata of Derbyshire</i> : rev. by MICHAEL J. BARTHOLOMEW	252

CHINA

ULRICH LIBBRECHT, <i>Chinese mathematics in the thirteenth century. The Shu-shu Chiu-chang of Ch'in Chiu-shao</i> : rev. by SHIGERU NAKAYAMA	252
JOSEPH NEEDHAM, <i>Science and civilisation in China. Volume V, Part 2</i> : rev. by R. F. TYLECOTE	254

ARABIC SCIENCE

LEE STAVENHAGEN (Ed.), <i>A testament of alchemy. Being the revelations of Marienus to Khālid ibn Yazid</i> : rev. by H. J. J. WINTER	255
---	-----

SEVENTEENTH CENTURY

WINIFRED L. WISAN, <i>The new science of motion. A study of Galileo's 'De motu locali'</i> : rev. by C. B. SCHMITT	256
GALILEO GALILEI, <i>Two new sciences, including centres of gravity and force of percussion</i> : rev. by RON NAYLOR	257
JOSEPH E. HOFMANN, <i>Leibniz in Paris, 1672-1676. His growth to mathematical maturity</i> : rev. by D. T. WHITESIDE	258
DOROTHY M. SCHULLIAN (Ed.), <i>The Baglivi correspondence from the library of Sir William Osler</i> : rev. by E. ASHWORTH UNDERWOOD	260

NINETEENTH CENTURY

FRANK MILLER TURNER, <i>Between Science and religion. The reaction to scientific naturalism in late Victorian England</i> : rev. by J. H. BROOKE.	262
---	-----