Editor: Professor B. C. Clarke, Department of Genetics, School of Biological Sciences, Queen's Medical Centre, Nottingham NG7 2UH

Editorial Board

Professor D. Colquhoun, Department of Pharmacology, University College London, Gower Street, London WC1E 6BT
Professor M. A. Ferguson-Smith, Department of Pathology, Tennis Court Road, Cambridge CB2 1QP
Professor J. B. Gurdon, Department of Zoology, CRC Molecular Embryology Unit, Downing Street, Cambridge CB2 3EJ
Professor W. G. Hill, Department of Genetics, University of Edinburgh, The King's Buildings, West Mains Road, Edinburgh EH9 3JN
Professor D. A. Hopwood, John Innes Institute, Colney Lane, Norwich NR4 7UH
Sir Andrew Huxley, The Master's Lodge, Trinity College, Cambridge CB2 1TQ
Professor A. J. Jeffreys, Department of Genetics, The University, University Road, Leicester LE1 7RH
Professor J. A. Krebs, Edward Grey Institute of Field Ornithology, Department of Zoology, South Parks Road, Oxford OX1 3PS
Professor M. F. Land, School of Biological Sciences, University of Sussex, Lewes Road, Brighton BN1 9QQ
Professor C. J. Leaver, Department of Botany, University of Edinburgh, The King's Buildings, Edinburgh EH9 3JH
Professor R. M. May, Department of Zoology, South Parks Road, Oxford OX1 3PS
Professor J. Maynard Smith, School of Biological Sciences, University of Sussex, Lewes Road, Brighton BN1 9QG
Professor R. H. Michell, Department of Biochemistry, University of Birmingham, P.O. Box 363, Birmingham B15 2TT
Professor N. A. Mitchison, Department of Biology, Medawar Building, University College London, Gower Street, London WC1E 6BT
Professor R. N. Perham, Department of Biochemistry, Tennis Court Road, Cambridge CB2 1QW
Dr J. E. Sulston, MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH
Professor Anne E. Warner, Department of Anatomy and Developmental Biology, University College London, Gower Street, London WC1E 6BT
Sir David Weatherall, Nuffield Department of Clinical Medicine, John Radcliffe Hospital, Headington, Oxford OX3 9DU

Corresponding Editors

These are listed on the coloured insert; from February 1990 their full addresses will be shown at the back of each issue.

NOTICE TO AUTHORS

Scope. Proceedings series B welcomes papers on any aspects of biological science. From July 1990 it will publish, rapidly, announcements of important results, normally not exceeding 4000 words (five printed pages). We will also consider short reviews, but only if they contain original and interesting new ideas. Short additions to, or criticisms of, papers that have already been published (subject to their originality and interest, and to the rules of good manners) will also be acceptable. Preliminary reports ('letters') are not encouraged. The target publication time is three months from receipt (excluding any period that the manuscript is in the hands of the authors).

Submission. There is no page charge. Authors may send their papers (i) to an appropriate member of the Editorial Board, (ii) to a Corresponding Editor, (iii) to a Fellow or Foreign Member of the Society, or (iv) directly to the Editor. The recipient under (i), (ii) and (iii) will be responsible for providing the Editor with referees' reports and a recommendation on the paper's suitability for publication. Four copies of the typescript and figures are required, and one set of originals of any figures should also be submitted. Papers should be prepared in accordance with the Instructions to Authors printed at the end of every volume of Proceedings B and also available from the Editorial Office. If the author submits a paper to any of the people listed in (i), (ii) or (iii) above, she or he should write a note to the Editor informing him of the submission.

Format. From July 1990 the page size will be increased to A4 and the text area to 255 mm × 167 mm, in two columns. As the paper used will be suitable for the printing of both text and half-tone illustrations, the grouping of figures into plates will not be necessary.

Offprints. Authors will receive 50 free offprints.

COPYRIGHT

© 1989 The Royal Society and the authors of individual papers

It is the policy of the Royal Society not to charge any royalty for the production of a single copy of any one article made for private study or research. Requests for the copying or reprinting of any article for any other purpose should be sent to the Royal Society.

SUBSCRIPTIONS

Proceedings of the Royal Society series B (ISSN 0960-4449) is published in monthly parts. The subscription price in 1990, including postage, is £150 in the U.K. and £160 (U.S. $298) overseas. Air-speeded post is available for overseas subscribers at a small extra charge. Full details of subscription rates may be obtained on request from the Publications Sales and Marketing Manager, The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG.
ANNOUNCEMENT

Changes to Royal Society journals effective from 1 July 1990

There has never been a better time to consider submitting papers to the Royal Society journals. The changes to the Proceeding and Philosophical Transactions facilitate a wider subject coverage and make them more responsive to the needs of the authors and readers. Whatever type of paper you have in mind, we have a suitable journal for it.

- From January 1990 papers can go direct to the Editors; there will be no need to submit through a Fellow or Foreign Member of the Society.
- Each journal will have its own Editor with an Editorial Board, which will allow faster evaluation of papers.
- Regular monthly publication programmes and streamlined processing of manuscripts will lead to shorter publication times.
- The introduction of new technology will increase flexibility and responsiveness to developments in publishing.
- The improvements will ensure wider readership.

PROCEEDINGS B

Edited by Professor Bryan Clarke of the University of Nottingham, the biological Proceedings will change significantly. Physically, it will have a larger format (A4, double column), and will concentrate on publishing contributions of up to 4000 words that announce important new developments in biology. Streamlined refereeing and production methods will allow very rapid publication (3 months). Topicality and diversity will be emphasized in the changes, with each issue containing a larger range of papers of interest to a wide readership, covering the best of current research.

Publication will be on, or near, the 22nd of each month, and papers for the new-style Proceedings B may be submitted from April 1990.

TRANSACTIONS B

The new-style Transactions B will contain papers up to 25 000 words long with a planned publication time of 5-7 months from receipt, giving a broader subject coverage in most issues. The journal will continue to publish both the reports of the Royal Society’s international Discussion Meetings and also some special, long, monographic papers. The issues will be published, where practicable, on the 29th of each month. The format will remain A4, but change to double column. Half-tones may be printed within the text.

Papers for the new-style Transactions B should be submitted from January 1990.

Dr Quentin Bone of the Marine Biological Association will be the editor of the journal.

Revised instructions to authors and notes for the guidance of contributors are now available. For further information, please contact the Editors or editorial office at the Royal Society, whose addresses are given below.

Professor B.C. Clarke, Department of Genetics, School of Biological Sciences, Queen’s Medical Centre, Nottingham NG7 2UH. (Telephone: 0602 420639 or 709397.)

Dr Q. Bone, Plymouth Marine Laboratory, Citadel Hill, Plymouth PL1 2PB. (Telephone: 0752 222772.)

Editorial Office: The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG. (Telephone: 01-839 5561, ext. 229.)

December 1989
Editorial:
forthcoming changes in Proceedings series B

From July 1990 the Proceedings of the Royal Society series B will be dramatically changed. We plan to publish many more papers, covering a much wider range of topics. We will be particularly interested in contributions that announce important new developments in biology, whether theoretical or experimental. Publication will be much faster: we aim to have papers in print within three months of submission, excluding the time that they are in the hands of their authors for revision or proof-reading. Papers will normally be limited to 4000 words. The changes will be signalled by a new cover, a new size (A4), new fonts, and a new double-column format. Revised instructions to authors will appear in issue number 1292 of Proceedings B (December 1989).

We have gathered an Editorial Board of outstanding scientists, and an equally distinguished panel of Corresponding Editors abroad, whose names are listed below. Authors will be able to offer papers to the Editor, to members of the Editorial Board, to Corresponding Editors, or through Fellows and Foreign Members of the Society. Details about the submission of papers, and advice to authors, will be published in later issues of the Proceedings.

We believe that the changes will encourage authors to offer papers of exceptional interest, and that they will strengthen the position of the Proceedings as one of the world’s leading biological journals. We believe that Fellows, subscribers and contributors will approve the changes. More information is available from the Editor at the Department of Genetics, School of Biological Sciences, Queen’s Medical Centre, Nottingham NG7 2UH (0602 420639 or 709397), or from the editorial office at the Royal Society, 6 Carlton House Terrace, London SW1Y 5AG (01-839 5561, ext. 229).

BRYAN C. CLARKE
EDITOR

Important note: to achieve an orderly progression to the changeover in July 1990, and to avoid any accumulated backlog of material, it has become necessary to apply a cut-off date of 11 January 1990 for the receipt at the Royal Society’s editorial office of papers exceeding 4000 words. This length includes appropriate allowances for tables, text figures and plates and represents approximately 8 printed pages in the current Proceedings format. Therefore any papers that exceed this length, and which are intended for publication in the existing format, must be communicated to the Society’s editorial office by that date. Note, however, that such papers will be suitable for the new-style Philosophical Transactions series B, which will have a planned publication time of 5–7 months from receipt.

A list of Editorial Board members and Corresponding Editors is given overleaf.
THE NEW EDITORIAL BOARD

Professor B.C. Clarke (Nottingham, Editor); Professor D. Colquhoun (University College London); Professor M.A. Ferguson-Smith (Cambridge); Professor J.B. Gurdon (Cambridge); Professor W.G. Hill (Edinburgh); Professor D.A. Hopwood (Norwich); Sir Andrew Huxley (Cambridge); Professor A.J. Jeffreys (Leicester); Professor J.R. Krebs (Oxford); Professor M.F. Land (Sussex); Professor C.J. Leaver (Edinburgh); Professor R.M. May (Oxford); Professor J. Maynard Smith (Sussex); Professor R.H. Michell (Birmingham); Professor N.A. Mitchison (London); Professor R.N. Perham (Cambridge); Dr J.E. Sulston (Cambridge); Professor A.E. Warner (University College London); Sir David Weatherall (Oxford).

CURRENT LIST OF CORRESPONDING EDITORS

AUSTRALIA: Professor W.J. Ewens (Monash); Professor P.W. Gage (Australian National University); Dr M.D. Hatch (CSIRO); Sir Gustav Nossal (Royal Melbourne Hospital); Dr W.J. Peacock (CSIRO); Professor J.D. Pettigrew (Queensland). CANADA: Dr L. Siminovitch (Toronto); Professor M. Smith (British Columbia). FRANCE: Professor P. Chambon (Strasbourg); Professor J.-P. Changeux (Institut Pasteur); Dr A. Coutinho (Institut Pasteur); Professor F. Jacob (Institut Pasteur). F.R.G.: Professor K. Rajewsky (Köln); Professor B. Sakmann (Heidelberg). HUNGARY: Professor J. Szentágothai (Semmelweis University Medical School). INDIA: Professor P. Narain (New Delhi); Professor O. Siddiqi (Tata Institute); Dr M.S. Swaminathan (Madras); Professor G.P. Talwar (New Delhi). JAPAN: Professor S. Ebashi (National Institute for Physiological Sciences); Professor M. Kimura (National Institute of Genetics). NEW ZEALAND: Professor G.B. Petersen (Otago); Dr J.R. Slack (Auckland). SPAIN: Professor A. García-Bellido (Madrid). SWITZERLAND: Professor J.-C. Cerottini (Ludwig Institute for Cancer Research); Professor J.G. Nicholls (Basle); Professor H. Reuter (Bern); Professor W. Wahl (Lausanne). U.S.A.: Dr A. Celada (La Jolla Cancer Research Foundation); Professor B. Chance (Pennsylvania); Professor N.-H. Chua (Rockefeller University); Professor D.R. Davies (NIH Bethesda); Professor R.F. Doolittle (UC La Jolla); Professor P.R. Ehrlich (Stanford); Professor G.D. Fischbach (St Louis); Dr N.B. Gilula (Scripps Clinic); Professor S.F. Heinemann (Sal Institute); Professor G.P. Hess (Cornell); Professor R.O. Hynes (MIT); Professor Y.W. Kan (UC San Francisco); Professor J.R. Knowles (Harvard); Dr E.G. Krebs (Washington School of Medicine); Professor K.L. Magleby (Miami); Professor P.R. Marler (UC Davis); Professor V.A. McKusick (Johns Hopkins); Professor A.G. Motulsky (Washington); Dr R.A. Nicoll (UC San Francisco); Dr W.E. Paul (NIH Bethesda); Professor J.M. Ritchie (Yale); Professor G. Westheimer (UC Berkeley); Professor E.O. Wilson (Harvard).

November 1989