

FORTHCOMING EVENTS

(Meetings marked with an asterisk are open to the public)

Wednesday, August 26—Wednesday, September 2

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (at Southampton)—126th Annual Meeting.

Wednesday, August 26

At 7.45 p.m.—Right Hon. Lord Brain, F.R.S.: "Science and Behaviour" (Presidential Address).

Thursday, August 27

At 10 a.m.—Sir Harry Melville, K.C.B., F.R.S.: "The Contribution of New Instruments to Progress in Chemistry" (Presidential Address, Section B).

At 10 a.m.—Dr. C. E. Lucas, C.M.G.: "Aspects of Marine Fisheries Research" (Presidential Address, Section D).

At 10 a.m.—Mr. G. B. Ryle, C.B.E.: "The Need for Forests in an Industrial Society" (Chairman's Address, Section K*).

At 10 a.m.—Dr. F. Lincoln Ralphs: "Responsibility and Education" (Presidential Address, Section L).

At 10 a.m.—Mr. Eric Rea: "The Age of Advice" (Presidential Address, Section M).

At 10.15 a.m.—Mr. H. G. Conway: "Engineers at the Crossroads" (Presidential Address, Section G).

At 10.15 a.m.—Prof. F. G. Young, F.R.S.: "The Biochemistry of the Endocrine System" (Presidential Address, Section I).

At 11.30 a.m.—Prof. B. R. Williams: "Economics in Unwonted Places" (Presidential Address, Section F).

At 2.30 p.m.—Prof. R. V. Jones: "Chance Favours the Trained Observer" (York Lecture).

Friday, August 28

At 10 a.m.—Mr. J. A. Ratcliffe, C.B.E., F.R.S.: "The Sun and the Ionosphere" (Presidential Address, Section A).

At 10 a.m.—Mr. A. A. L. Caesar: "Planning and the Geography of Great Britain" (Presidential Address, Section E).

At 10 a.m.—Prof. C. G. C. Chesters: "Fungal Friends and Foes" (Presidential Address, Section K, K*).

At 11.30 a.m.—Prof. H. J. Eysenck: "The Biological Basis of Criminal Behaviour" (Presidential Address, Section J).

At 11.30 a.m.—Sir Graham Sutton, C.B.E., F.R.S.: "The Resurgence of Interest in the Observational Sciences" (Presidential Address, Section X).

At 2.30 p.m.—Dr. N. Tinbergen, F.R.S.: "Why Do Animals Fight?" (Young People's Lecture).

At 8 p.m.—Prof. W. J. G. Beynon: "The International Years of the Quiet Sun" (Evening Discourse).

Sunday, August 30

At 10.30 a.m.—Official Service in St. Mary's Church. Preacher: The Very Reverend the Dean of York, Canon Alan Richardson, M.A., D.D.

Monday, August 31

At 10 a.m.—Dr. W. Marshall: "The Exploration of Solids Using Thermal Neutrons" (Kelvin Lecture).

At 10 a.m.—Mr. W. H. Wilcoxon: "Some Aspects of East African Vulcanology" (Presidential Address, Section C).

At 10 a.m.—Dr. C. A. Raleigh Radford: "History and Archaeology" (Presidential Address, Section H).

At 11.30 a.m.—Prof. Lucy Mair: "How Small-scale Societies Change" (Presidential Address, Section N).

At 2.30 p.m.—Dr. H. A. Thomas: "Automation" (Young People's Lecture).

At 8 p.m.—Prof. A. S. Parkes: "Biological Aspects of the Population Explosion" (Evening Discourse).

Tuesday, September 1

At 2.30 p.m.—Dr. E. J. Ambrose: "Cells at Work" (Young People's Lecture).

Wednesday, September 2

At 10 a.m.—Dr. G. R. Coope: "Insect Populations in the Ice Age" (Darwin Lecture).

At 10 a.m.—Dr. V. B. Proudfoot: "Bringing Archaeology to Life" (Lister Lecture).

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

PRINCIPAL (normally national of the United Kingdom or the Republic of Ireland, with an honours degree in science or engineering, a recognized professional qualification, and extensive experience in industry, teaching and administration) OF THE GOVERNMENT TECHNICAL COLLEGE, ENUGU, Eastern Nigeria—The Council for Technical Education and Training for Overseas Countries, Eland House, Stag Place, London, S.W.1 (August 31).

SCIENTIFIC OFFICER (graduate with a good honours degree in botany, biochemistry or chemistry, and preferably with research experience either in the physiology of higher plants or in plant metabolism)—The Director, Agricultural Research Council Unit of Plant Physiology, Imperial College of Science and Technology, London, S.W.7 (August 31).

TECHNICIANS (2) to assist with a programme of research into the effects of pathogenic bacteria on insects (one technician will be mainly concerned with the bacteriological aspects of the programme, and the other with the

entomological aspects)—Prof. T. L. Bywater, Department of Agriculture, The University, Leeds, 2 (September 1).

SENIOR RESEARCH ASSISTANT (graduate in science or veterinary science) to take part in research on respiratory disease in poultry in the DEPARTMENT OF VETERINARY PREVENTIVE MEDICINE at the Veterinary Field Station in Cheshire—The Registrar, The University, Liverpool, quoting Ref. CV/264 (September 3).

RESEARCH ASSISTANT (either a physicist or an engineer with an interest in biology or a biologist with some knowledge of physics or engineering) AT THE MARINE SCIENCE LABORATORIES, Menai Bridge, to work on the measurement of the forces of breaking waves on rocky shores—The Registrar, University College of North Wales, Bangor, North Wales (September 7).

HEAD (graduate, aged 30–45, with suitable university library experience) OF THE PERIODICALS DEPARTMENT—The Goldsmiths' Librarian, University of London Library, Senate House, Malet Street, London, W.C.1 (September 9).

ASSISTANT LECTURER IN BIOCHEMISTRY in the Department of Physiology and Biochemistry, Queen's College, Dundee—The Secretary, University of St. Andrews, Queen's College, Dundee, Scotland (September 12).

FISHERIES BIOLOGIST (with a Ph.D. degree in biology, or postgraduate research experience of equivalent duration and standard, supported by satisfactory evidence of research ability, also postgraduate research experience in marine biology and/or fisheries biology, preferably with specialization in crustacea, and a knowledge of statistics sufficient for biological research) IN THE DIVISION OF FISHERIES AND OCEANOGRAPHY, Commonwealth Scientific and Industrial Research Organization, Adelaide, South Australia—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 320/297 (September 12).

RESEARCH OFFICER (with a Ph.D. degree in physics or mathematics, or postgraduate research experience of equivalent standard and duration, supported by satisfactory evidence of research ability, and preferably an interest in flying) IN THE DIVISION OF RADIOPHYSICS, Commonwealth Scientific and Industrial Research Organization, Sydney, N.S.W., Australia, for interesting work in the field of cloud physics—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 780/364 (September 12).

POST-DOCTORAL FELLOWS (with a Ph.D. in physics or electrical engineering or other appropriate field of postgraduate research) IN PHYSICS AND ELECTRICAL ENGINEERING in the Division of Applied Physics, Commonwealth Scientific and Industrial Research Organization, located in the grounds of Sydney University, Australia—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 750/315 (September 14).

RESEARCH ASSISTANT (with a Ph.D. or honours degree in zoology or equivalent qualifications) to Dr. N. W. Runham, to work on reproduction in slugs—Dr. Runham, Department of Zoology, University College of North Wales, Bangor, North Wales (September 14).

SENIOR PROFESSIONAL OFFICER (with at least a B.Sc. degree with appropriate postgraduate experience, suitably qualified in one or more of the following fields: herpetology, ornithology or marine biology, and preferably some museum experience) AT THE PORT ELIZABETH MUSEUM—The Chairman, Museum Board of Trustees, P.O. Box 1359, Port Elizabeth, South Africa (September 14).

HEAD OF THE BACTERIOLOGY DEPARTMENT, and an **ASSISTANT BACTERIOLOGIST**—The Secretary, School of Agriculture, West Mains Road, Edinburgh, 9 (September 15).

RESEARCH ASSISTANT (graduate in zoology and preferably some research experience in insect physiology or a related field) IN INSECT PATHOLOGY for work in connexion with a study of the bacterial pathogens of insects—The Registrar, The University, Leeds, 2 (September 15).

ASSISTANT LECTURERS (2) (candidates for the one post should have special interests in the evolutionary field studies, and for the other in physiology) IN ZOOLOGY—The Registrar, The University, Manchester 13 (September 18).

CHAIR OF FUEL TECHNOLOGY AND CHEMICAL ENGINEERING—The Registrar, The University, Sheffield (September 19).

LECTURER (with qualifications in one of the appropriate basic sciences) IN DENTAL MATERIALS in the School of Dental Surgery—The Registrar, University of Liverpool, Liverpool, quoting Ref. CV/265/N (September 19).

FISHERIES RESEARCH BIOLOGISTS (2) (with at least an honours Bachelor's degree) with the Fisheries Research Board of Canada, one to be in charge of pelagic fish investigations (capelin, herring), and the other to assist in marine invertebrate investigations (squid, scallop, clam, oysters)—The Director, Fisheries Research Board of Canada, Biological Station, St. John's, Newfoundland, Canada (September 25).

LECTURER IN THE CHATTEERTON ASTRONOMY DEPARTMENT OF THE SCHOOL OF PHYSICS—The Registrar, University of Sydney, Sydney, New South Wales, Australia (September 25).

CHAIR OF APPLIED MATHEMATICS—The Registrar, The University, Manchester 13 (September 30).

CHAIR OF GENETICS—The Registrar, The University, Leeds, 2 (September 30).

DIRECTOR OF THE ELECTRONIC COMPUTING LABORATORY—The Registrar, The University, Leeds, 2 (September 30).

ENTOMOLOGIST (with a good honours degree in zoology, with special emphasis on entomology, and an interest in, and aptitude for, taxonomic research) IN THE COMMONWEALTH INSTITUTE OF ENTOMOLOGY IDENTIFICATION SERVICE, which is accommodated at the British Museum (Natural History), to work on the Coleoptera—The Director, Commonwealth Institute of Entomology, 56 Queen's Gate, London, S.W.7 (September 30).

LECTURER/SENIOR LECTURER IN PHYSICS in the School of Physical Sciences of the University of Adelaide at Bedford Park—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and the Secretary for Bedford Park, University of Adelaide, Adelaide, South Australia (Australia, September 30).

PROFESSORIAL FELLOW, a **SENIOR FELLOW**, and a **SENIOR RESEARCH FELLOW** IN THE DEPARTMENT OF SOCIOLOGY, Research School of Social Sciences, Institute of Advanced Studies, Australian National University—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, September 30).

CHAIR OF BIOLOGY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 15).

CHAIR OF PHILOSOPHY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 15).

ASSISTANT LECTURER or **LECTURER** IN EXPERIMENTAL PHYSICS—The Registrar, University of Sussex, Stanmer House, Stanmer, Brighton, Sussex, marking envelope "Application".

BIOCHEMIST (Basic Grade) at Black Notley Hospital, Braintree, for duties under the direction of the Group Biochemist, to assist with the routine and