

### Geology of British Borneo

AN important monograph on *The Geology of Sarawak, Brunei and the Western Part of North Borneo* has recently been published by the Government Printer in Sarawak, sponsored by the Directorate of Overseas Geological Surveys. Since the discovery of the Miri oilfield in 1910, very large sums have been spent by the Royal Dutch Shell Group in geological explorations throughout British Borneo, culminating in an expenditure of close on £20 million in the decade 1949-58. The geology of the territories, no greater in size than England and Wales, is thus known in considerable detail. A Government Geological Survey was established in 1949, to which the reports of the oil companies were at once made available; and it is a reflexion of the happy relationships between Government and industry that this official monograph has been compiled by Dr. P. Liechti, of "Shell", in association with Dr. F. W. Roe and Dr. N. S. Haile, of the Geological Survey. The accompanying tectonic map (1: 1,000,000) and geological maps (1: 500,000) have been excellently colour-printed in the Netherlands. Congratulations are due to the authors, to their parent organizations, and to the Government Printer in Kuching for the production of a lucid description of a region of outstanding geological interest (Bulletin 3. Vol. 1 (Text): Pp. xvii + 360 + 73 plates. Vol. 2 (Portfolio). Table of Rock-Stratigraphic Columnar Sections. Tectonic Map. (Kuching, Sarawak: Government Printing Office; London: Overseas Geological Surveys.) 1960. 21 Malayan dollars; 49s. the two volumes).

### Beit Memorial Fellowships

THE Trustees of the Beit Memorial Fellowships for Medical Research, in their report, announce that Prof. Alexander Haddow has been elected a member of the Advisory Board. The following elections have also been made: *Junior Fellowships*, to S. P. R. Rose, to investigate the properties and localization of certain enzymes associated with the active transport of ions across cellular membranes in nervous tissue, at the Department of Biochemistry, University of Oxford; Dr. R. Laverty, to investigate the action of drugs on catecholamines in the central and sympathetic nervous systems, at the Agricultural Research Council's Institute for Animal Physiology, Babraham; Dr. Ruth F. Itzhaki, to investigate the radio-sensitivity of deoxyribonucleoprotein under various conditions with the view of explaining the action of radiation on malignant tissues, at the Department of Radiotherapeutics, University of Cambridge; C. W. F. McClare, to investigate energy transfer in nucleic acids, at the Department of Radiotherapeutics, University of Cambridge; S. S. Hayreh, to investigate experimentally the pathogenesis of papilloedema, at the Institute of Ophthalmology, London. *Fourth-year Fellowship*, to Margarethe M. A. Holzbauer-Sharman, to enable her to continue investigations into the mechanisms involved in the increase in the secretion of aldosterone following haemorrhage.

### American Academy of Arts and Sciences:

#### Grants-in-aid

GRANTS-IN-AID, ranging between 500 dollars and 1,500 dollars, are available from funds administered by the American Academy of Arts and Sciences for research in any recognized scientific field, including mathematics, physics, biology and the social sciences. Applications must be received before September 1

for grants to be made in October. In general, applications from individual scientists rather than from institutions are favoured, although this is not an inflexible policy. Support is not usually given for work aimed primarily at fulfilling the requirements of an academic degree. Further information and application forms can be obtained from the American Academy of Arts and Sciences, Committees on Research Funds, 280 Newton Street, Brookline Station 46, Boston, Mass.

### Lederle Medical Faculty Awards

THE Lederle Laboratories Division of the American Cyanamid Company is making available a number of medical faculty awards which will begin with the academic year 1962-63. These awards are intended only for individuals who share in all departmental responsibilities, particularly in the teaching of undergraduate medical students. They are not intended to be research fellowships, or for the support of individuals whose only or major function and interest is in the conduct or supervision of research activities. Also, these awards are not intended for assistance of research departments or divisions of postgraduate medical schools. The awards are primarily intended to assist medical schools in providing for their major clinical disciplines individuals who, having demonstrated ability and interest in teaching and research, will devote their major efforts to the teaching of clinical medicine with the view of integrating the knowledge and principles of the biological sciences, as applied to man. Further information can be obtained from the Lederle Medical Faculty Awards, Office of the Secretary, Pearl River, New York.

### Graduate Course in Electrical Machines

THE University of Birmingham is organizing a graduate course, lasting twelve months as from October 1, on "Electrical Machines". The course is available to honours graduates in electrical engineering who have, preferably, had a year or two of engineering experience outside the university. The syllabus for the course consists of five major sections: (1) electromechanical energy conversion; (2) analysis of rotating machines; (3) mathematical techniques; (4) either electrical properties of materials, or electronic computers (analogue and digital); (5) automatic control systems. The fee for this course will be £81. Further information can be obtained from the Graduate Course Supervisor, Electrical Engineering Department, the University, Edgbaston, Birmingham 15.

### The Tenth International Botanical Congress, Edinburgh, 1964

At a meeting of the ninth International Botanical Congress in Montreal in 1959 it was suggested that the tenth Congress might be held in the United Kingdom in 1964. On the recommendation of the British National Committee for Biology, the Royal Society of London on behalf of all host organizations suggested that the tenth International Botanical Congress should be held in Edinburgh during August 3-12, 1964. Representatives were invited from universities, research institutes and biological societies to a meeting in the Senate Hall of the Old College, Edinburgh, on March 22, 1961. Prof. H. Godwin, of the University of Cambridge, has been elected president of the Congress. Joint secretaries of the Executive Committee, which is to be concerned with