

professor of applied thermodynamics, University of Cambridge; Mrs. E. L. G. Hilton, director, Radio-therapeutic Dept., University College Hospital; A. C. Monkhouse, formerly deputy director, Warren Spring Laboratory, Department of Scientific and Industrial Research; E. W. S. Press, director, chemical inspectorate, Ministry of Supply; J. A. B. Smith, director, Hannah Dairy Research Institute; Prof. H. M. Steven, professor of forestry, University of Aberdeen; Major H. Sumner, formerly president, Royal College of Veterinary Surgeons; Prof. L. J. Witts, Nuffield professor of clinical medicine, University of Oxford; Miss Mary Woodall, director, Birmingham City Museum Art Gallery; Prof. N. S. Alexander, professor of physics, University College, Ibadan; C. E. Duff, chief conservator of forests, Northern Rhodesia; C. W. S. Hartley, director, West African Institute for Oil Palm Research; J. D. Pollett, director, Geological Survey, Sierra Leone.

Institution of Mining Engineers: President for 1960-61

MR. R. G. BAKER has been elected president of the Institution of Mining Engineers for the year 1960-61, and will succeed Mr. T. A. Rogers at the sixty-sixth annual general meeting of the Institution to be held in London on January 28, 1960. Mr. Baker, who is deputy chairman of the North-Eastern Division of the National Coal Board, is the second son of the late George Baker, who was a well-known steel maker in the Rotherham neighbourhood. He was educated at the Leys School, Cambridge, and obtained a degree of bachelor of engineering (mining) at the University of Sheffield. After a period as assistant manager at Brodsworth Main Colliery, he became manager at Rotherham Main Colliery in 1934. In 1936 he moved to Earl Fitzwilliam's Colliery Co., initially as assistant manager, and was later successively manager at Elsecar Main Colliery, assistant general manager, and finally general manager of the Company. On nationalization of the coal industry, Mr. Baker was appointed deputy area general manager of No. 3 (Rotherham) Area of the North-Eastern Division and later became general manager of that Area. He was next appointed acting divisional production director of the North-Eastern Division and in 1951 he became deputy chairman of the Division. He has been secretary-investigator of the Coal Dust Committee of the Yorkshire Advisory Committee on Mining Research, a member of the Informal Committee on Shotfiring which was sponsored by the Minister of Fuel and Power, and a member of the Shotfiring and its Alternatives Committee of the Institution of Mining Engineers. Mr. Baker was elected to the Council of the Midland Institute in 1942 and was president of that Institute in 1951-52. He is chairman of the Mining Advisory Committee of the Yorkshire Council for Further Education, and a member of the Mining Qualifications Board.

Cytology at Dublin: Prof. J. Bronte Gatenby

PROF. J. BRONTÉ GATENBY has been appointed to a new research chair in cytology in Trinity College, Dublin. Born in New Zealand, Gatenby became a lecturer at Oxford in 1916 and in 1917 a senior demy of Magdalen College. In 1920 he was appointed lecturer in cytology in the University of London, and in 1921 to the chair of zoology and comparative anatomy in Trinity College, Dublin. Early in his career Gatenby's immense energy was directed towards the solution of the many problems associated

with the study of cytoplasmic bodies and organelles of various organisms. At that time there was little knowledge of extra-nuclear components and inclusions, and Gatenby not only carried out pioneer work but inspired successive generations of students to take up cytological research. Throughout the years he continued to contribute to the understanding of the structure of animal cells, and as new techniques became available in related fields he was always one of the first to adapt these to his own subject. Much of the early work has stood the test of time and forms the background necessary for the advances in cytology that have taken place in the post-war period. Gatenby has not neglected these advances, having, for example, in 1958 visited the Argonne National Laboratory, Illinois. After many years of teaching and research, he relinquishes the chair of zoology and comparative anatomy, and is honoured by appointment to a new research post.

Zoology and Comparative Anatomy at Dublin: Prof. J. N. R. Grainger

DR. J. N. R. GRAINGER, who has been appointed to succeed Prof. Bronté Gatenby in the chair of zoology and comparative anatomy in the University of Dublin, Trinity College, entered Trinity College with a Senior Exhibition and graduated in 1947 with first-class honours in natural science. He was appointed the following year as an assistant lecturer in the Department of Zoology in the University College of Hull, as it then was. While he has been at Hull, he has established and developed the teaching of parasitology in its systematic and anatomical, as well as in its physiological, aspects with great success. Parallel with this work, and in harmony with it, his interests turned progressively towards the consideration in fundamental terms of the mechanisms underlying the capacities of organisms to respond in particular ways to changes in their environment, and in particular to changes in temperature. Of recent years, he has become widely known for his original contributions in mathematical, physical, and chemical terms to the theory of the steady state and its applications to the facts of short-term adaptations in living organisms, and also for the large volume of experimental work which he has achieved in this field. His return to his own University to succeed his old teacher will ensure that the long-established reputation of the Department of Zoology and Comparative Anatomy there for fundamental and original work in physiology will be maintained and extended into new and exciting fields, and that the work of the Department will continue to be securely based on the proper traditions of morphology and systematics.

Bacteriology at Adelaide: Prof. D. Rowley

DR. DERRICK ROWLEY, head of the Department of Bacterial Physiology in the Wright-Fleming Institute of Microbiology, London, has been appointed professor of bacteriology in the University of Adelaide as from December 1, 1959. Dr. Rowley began his professional career during the Second World War as a research chemist, dealing with isolation of intermediate compounds from the 'cracking' of petroleum, and later with improvement in methods for extraction of penicillin. He joined the staff of the Wright-Fleming Institute in 1945, being promoted to his present position in 1953. In 1950, soon after qualifying in medicine, he received a Commonwealth Fund Fellowship for study in the United States. Part of