

## NEWS and VIEWS

## Royal Society: Award of Royal Medals

H.M. THE QUEEN has been graciously pleased to approve recommendations made by the Council of the Royal Society for the award of the two Royal Medals for the current year as follows: to Sir Frederic Bartlett, for his creation of an experimental school of psychology which has established under his leadership an outstanding position recognized internationally as without superior; to Prof. C. K. Ingold, for his extensive theoretical and practical studies of the mechanism of, and the factors influencing, organic chemical reactions; and for his analysis of the structure of benzene.

## Institution of Civil Engineers: Awards for 1951-52

THE Institution of Civil Engineers has announced the following awards for papers (subjects given in brackets) which were read at meetings of the Engineering Divisions of the Institution during the session 1951-52: *Telford Gold Medal*, Dr. Carlo Semenza (the most recent dams by the Società Adriatica di Elettricità (S.A.D.E.) in the eastern Alps); *Coopers Hill War Memorial Prize*, Dr. E. J. Hamlin (sewerage and sewage disposal in sub-tropical countries, with special reference to South Africa and Mauritius); *Telford Premiums*, A. A. Fulton (civil engineering aspects of hydro-electric development in Scotland), M. C. White (the design and construction of the new deep-water quays at Leith), R. H. MacDonald (relation between daily rainfall and flow of the River Shin) and J. T. Calvert and P. M. Amcotts jointly (some problems in the disposal of industrial effluents and domestic wastes); *Crompton Prize*, W. Storey Wilson and F. W. Sully jointly (the construction of the caisson forming the foundation to the circulation-water pump-house for the Uskmouth generating station); *Manby Premium*, Dr. B. G. Neal and Dr. P. S. Symonds jointly (the rapid calculation of the plastic collapse load for a framed structure).

## Biology at Chelsea Polytechnic, London:

## Dr. B. Barnes

DR. B. BARNES will retire from the headship of the Department of Biology at Chelsea Polytechnic at the end of 1952. He was born in 1888 and after service as a schoolmaster and in the First World War he graduated with first-class honours in botany from Birkbeck College, University of London, in 1922. He served for thirteen years as a demonstrator and lecturer at that College, taking his Ph.D. in 1928 and his D.Sc. in 1933. He became head of the Department of Biology at Chelsea Polytechnic in 1934 and has served with distinction in that capacity since that date. He served for a long period on the Council of the Linnean Society and was vice-president during 1937-38, 1942-44 and 1951-52. He also acted as deputy treasurer of the Society during 1942-45 and as botanical secretary during 1944-51. He was president of the British Mycological Society in 1934 and was editor of the *Transactions* of that Society for a long period. He served for thirteen years on the Scientific Committee of the Royal Horticultural Society. He has also played his part as recorder and secretary of Section K (Botany) of the British Association. Dr. Barnes has made many contributions to botanical research and will be particularly remembered for the encouragement which he has

given to the large number of research students who have passed through his hands, many of whom have afterwards gained distinction; his sympathy with the part-time student is particularly notable. The Department of which he has been head has grown during his tenure of office; it embraces the subjects of botany, zoology, physiology and chiropody, and no greater tribute can be paid to him than to note that it will in future develop as three separate and fully-fledged departments.

## Mr. C. C. Hentschel

MR. C. C. HENTSCHEL has been appointed to succeed Dr. B. Barnes as head of the Department of Biology; the Department will in future deal only with the subjects of botany and zoology. Mr. Hentschel, who was educated at St. Paul's School, St. Bartholomew's Medical College, Birkbeck College and King's College, London, was appointed to the staff of the Polytechnic in 1931, and has been senior lecturer in zoology for many years. He was chairman of the Preliminary Medical Board of Studies of the University of London during 1944-47 and is at present chairman of the Board of Studies in Zoology and the representative of that Board on the Faculty of Science. He is vice-president of the Linnean Society, which office he has held on two previous occasions, and is a fellow of the Zoological Society. As the part author of "Biology for Medical Students", his name is familiar to many students of biology. He has witnessed a remarkable growth in the zoological section of his department since his appointment to the Polytechnic, and in the wider capacity in which he will now act will have opportunities for furthering this development.

## Dr. Mary F. Lockett

DR. MARY F. LOCKETT was appointed as from September 1, 1952, to the headship of the Department of Physiology; the Department had formerly been part of the Department of Biology. Dr. Lockett was educated at Cheltenham Ladies College, the Royal Free Hospital Medical School, and Newnham College, Cambridge. She was awarded the degrees of M.B., B.S. in 1935, M.D. in 1936, and Ph.D.(Cantab.) in 1945. After holding resident hospital appointments at several hospitals in London and in Cairo she became Beit Memorial Fellow for Medical Research at Cambridge during 1941-45 and was elected to a research fellowship at Newnham College, which she held during 1945-47, when she unfortunately had to resign owing to the illness of her parents. Dr. Lockett has held posts at University College, London, and the University of Glasgow. She is an active research worker with many publications to her credit, and will have full scope for her great ability in building up her new department at Chelsea Polytechnic.

## Research Grants for the Department of Anatomy, Oxford

A GRANT of 12,000 dollars has been made by the Rockefeller Foundation to the University of Oxford for advancing the research in technical methods of microscopy which is being carried out in the Department of Human Anatomy under the direction of Dr. R. Barer. During the past few years, these studies have been concerned with optical methods which are particularly suitable for the investigation of living cells, and the Department is fortunate in possessing (through the generosity of the Nuffield Foundation) the first new Burch reflecting microscope, an instru-