

University College, London. Studies in the principles of angiospermous morphology and in the history of botany.

S. J. DULY, M.A., Camb., head of department for the scientific study of commercial products, City of London College. The carriage of goods by sea.

F. FAIRBROTHER, D.Sc., Manc., senior lecturer in chemistry, Manchester University. The study of electrolytic dissociation process and the mechanism of chemical reactions by the use of induced radioactivity.

C. P. FITZGERALD, author. Sociology of the non-Chinese tribes of Yunnan, S. W. China.

S. D. GARRETT, B.A., Camb., formerly assistant plant pathologist, Waite Agricultural Research Institute, University of Adelaide, South Australia. The biological antagonism of the soil microflora towards root disease fungi or crop plants. (Renewal of present fellowship.)

J. DE GRAAF HUNTER, F.R.S., C.I.E., M.A., Sc.D., Camb., late director, Survey of India. Planning and execution of geodetic triangulation of great extent.

MRS. K. LONSDALE, D.Sc., Lond., research worker, Royal Institution, London. Relation between structure and physical properties of organic molecules. (Renewal of present fellowship.)

E. P. MUMFORD, M.Sc., Manc., M.A., Cardiff, late director, Pacific Entomological Survey, Honolulu. Terrestrial and fresh-water biota of the Marquesas Islands. (Renewal of present fellowship.)

F. R. PERRY, M.Sc., Manc., member of research department, Metropolitan-Vickers Electrical Co., Ltd., Manchester. Study of overvoltages due to lightning on transmission lines. (Renewal of present fellowship.)

A. L. REIMANN, Ph.D., Berlin, D.Sc., Adelaide, research physicist, General Electric Company, Ltd., Wembley, Middlesex. Electronic conduction phenomena in solid insulators and semi-conductors.

W. E. WILLIAMS, D.Sc., Lond., M.Sc., Manc., lecturer in physics, King's College, London. The determination of the vacuum wave-lengths and the structures of spectral lines by means of his reflection echelon.

Grants in aid of research have been made to the following:

A. E. BOYCOTT, F.R.S., M.A., D.M., D.Sc., Oxon., late Graham professor of pathology, University of London. The oecology and genetics of British non-marine mollusca.

H. J. FLEURE, F.R.S., M.A., Mach., D.Sc., Wales, professor of geography, Manchester University. Physical (racial) characteristics of the peoples of Wales.

J. W. HESLOP HARRISON, F.R.S., D.Sc., Durham, professor of botany, Armstrong College, Newcastle-on-Tyne. Researches on evolution and heredity. (Renewal of present grant.)

T. N. HOBLYN, statistician, East Malling Research Station, Kent. A study of technical problems in the layout and conduct of horticultural field experiments under tropical and sub-tropical conditions.

W. H. PEARSALL, D.Sc., Manc., reader in botany, University of Leeds. The growth of algae.

O. W. RICHARDS, M.A., D.Sc., Oxon., lecturer in entomology, Imperial College of Science and Technology, Lon-

don. The study of the habits of South American bees and wasps.

C. W. VALENTINE, M.A., Lond., D.Phil., St. Andrews, professor of education, Birmingham University. The psychology of early childhood.

The following has been awarded a Leverhulme Traveling Fellowship:

A. RUSCOE CLARKE, M.B., Lond., F.R.C.S., Eng., on nomination of the Medical Research Council.

STANDARD BRANDS FELLOWSHIPS

STANDARD BRANDS, INCORPORATED, producers of Fleischmann's Yeast, Chase and Sanborn's Dated Coffee and other products, has distributed ten annual fellowships among investigators in American universities. Six of the awards have been made to enable the continuance of previous fellowship work. Four recipients were granted awards for the first time. These fellows are undertaking specialized research along the following lines:

Dr. R. O. Bengis is continuing his work at Yale University, on the chemistry of coffee and the changes that take place when coffee grows stale.

Dr. Olaf Bergeim, at the University of Illinois, Chicago, is making a study of yeast vitamins set free in the intestinal tract and their utilization in the human system.

Dr. Virginia Fisher is collaborating this year with Dr. Lloyd Arnold at the University of Illinois, where they are making a complete survey of fungi normally occurring in or on the human body.

Dr. Walter H. Eddy, of Columbia University, New York City, is proceeding with his work on the isolation of vitamin B from yeast.

Dr. R. H. Cheney is working at Long Island University, Brooklyn, on the physiological action of fresh and stale coffee and caffeine.

Dr. R. J. Williams, at the University of Oregon, is investigating pantothenic acid, the growth stimulant that he discovered.

Dr. U. Lash Miller and his colleagues are extending their research on yeast bios at the University of Toronto.

Dr. S. I. Bechdel, at Pennsylvania State College, is engaged in studying the use of irradiated dry yeast for treating rickets in calves.

Dr. John A. Killian, at the Killian Research Laboratories, New York City, is undertaking research on the value of bread in the diet.

ARTHUR A. NOYES

DR. ROBERT A. MILLIKAN, chairman of the executive council of the California Institute of Technology, concluded his commencement address with the following words concerning Arthur A. Noyes:

The last great act of his life was altogether typical of the man. Two months ago he asked me to come over