

known for his work on the monumental volume, "The Fishes of Illinois", written in collaboration with S. A. Forbes, and for his researches and publications on the use of organisms as indexes of the degree of pollution of natural waters.

Robert Earl Richardson was born at Brighton, Illinois, on November 28, 1877. He was the son of Robert and Emily Dickerson Richardson, members of pioneer families of Macoupin county. After preparatory work at De Pauw University, he graduated from the University of Illinois in 1901. He was

elected a fellow in zoology there and received the M.A. degree in 1903. He was co-author with David Starr Jordan in a series of papers on the fishes of Formosa, Japan and the Philippines. From 1909 until 1922 he had charge of the floating laboratory of the Natural History Survey on the Illinois River. His interests in science were wide and he read widely in other fields—literature, biography, history and finance. Owing to delicate and uncertain health, he lived a quiet and secluded life.

DAVID H. THOMPSON.

## News and Views

### King's Birthday Honours

THE following names of men of science and others associated with scientific work appear in the list of honours conferred by the King "on the occasion of his Majesty's Birthday, and in commemoration of the completion of the twenty-fifth year of his Majesty's reign":—*O.M.*: Sir Frederick Gowland Hopkins, in recognition of his eminent services to biochemistry, especially in connexion with the discovery of vitamins. *Viscount*: Lord Bledisloe, lately Governor-General of New Zealand. *G.C.M.G.*: Sir Henry Birchenough, president of the British South Africa Company and chairman of the Beit Trustees. *G.B.E.*: Sir George Newman, lately chief medical officer, Ministry of Health and Board of Education. *K.C.B.*: Dr. G. C. Simpson, director of the Meteorological Office. *K.B.E.*: Prof. J. C. McLennan, professor emeritus and visiting professor of physics, University of Toronto, Dominion of Canada, for fundamental discoveries in physics and scientific services. *D.B.E.*: Mrs. M. M. Ogilvie Gordon, vice-president of the International Council of Women and former president of the National Council of Women. *Knights*: Mr. N. Ashbridge, chief engineer of the British Broadcasting Corporation; Prof. J. Barcroft, professor of physiology, University of Cambridge; Prof. A. J. Hall, emeritus professor of medicine, University of Sheffield, for distinguished service to medicine and medical science, with special reference to problems of the health of industrial workers; Mr. J. H. M. Home, vice-chairman, Advisory Council to Department of Agriculture for Scotland; Dr. L. L. Fermor, director of the Geological Survey of India; Mr. H. H. Humphries, city engineer of Birmingham, president of the Town Planning Institute; Mr. P. P. Laidlaw, pathologist to the Medical Research Council, for distinguished service to medical science; Dr. S. L. Pearce, engineer-in-chief of the London Power Company, Ltd.; Dr. C. L. Woolley, for services to archaeology.

*C.B.*: Dr. W. T. Calman, keeper of zoology, British Museum (Natural History), president of the Linnean Society of London; Dr. F. S. Sinnatt, director of fuel research, Department of Scientific and Industrial Research; Mr. H. E. Wimperis, director of scientific research, Air Ministry. *C.M.G.*:

Dr. G. S. H. Barton, Deputy Minister of Agriculture, Dominion of Canada; Mr. E. Harrison, director of agriculture, Tanganyika Territory; Mr. E. J. Wortley, director of agriculture, Trinidad. *C.I.E.*: Lieut.-Colonel B. Higham, chemical analyser to the Government of Bombay; Lieut.-Colonel R. Knowles, professor of protozoology and secretary of the Calcutta School of Tropical Medicine. *C.B.E.*: Dr. W. F. Bewley, director of the Experimental and Research Station of the Ministry of Agriculture and Fisheries at Cheshunt; Colonel W. MacC. Burden, chief superintendent of the Research Department, Royal Arsenal, Woolwich; Dr. C. E. Cook, chief protector of aborigines, Northern Territory, Commonwealth of Australia; Dr. G. W. M. Findlay, member of the scientific staff of the Wellcome Research Institution, London, for services in connexion with the study of prevention of yellow fever; Prof. A. Fowler, emeritus professor of astrophysics, Imperial College, South Kensington, for services to science; Mr. E. Marsden, secretary, Department of Scientific and Industrial Research, Dominion of New Zealand; Dr. W. L. Miller, president of the Royal Society of Canada; Mr. F. T. Shutt, lately Dominion Chemist, Dominion of Canada; Dr. N. V. Sidgwick, reader in chemistry at the University of Oxford, for services to science. *I.S.O.*: Mr. W. Dallimore, keeper of museums, Royal Botanic Gardens, Kew. *O.B.E.*: Mr. C. E. Blaker, principal, Government School of Engineering, Rasul, Punjab; Prof. G. B. Bryan, professor of physics, Royal Naval College, Greenwich; Mr. G. R. King, lately principal of the Gordon Institute of Technology, Geelong, State of Victoria; Mr. H. S. Hensman, superintendent, Government Mental Hospital, and lecturer in mental diseases, Medical College, Madras; Dr. W. A. Richardson, principal of the Technical College, Derby; Mr. A. Walter, director, Meteorological Service, East Africa; Mr. H. Wolfe, deputy director of agriculture, Kenya. *M.B.E.*: Mrs. N. L. L. Alcock, plant pathologist, Department of Agriculture for Scotland; Mr. W. Barnicot, secretary of Rothamsted Experimental Station for Agricultural Research; Mr. E. O. Sampson, deputy conservator of forests, in charge Dangs Forests and *ex officio* Deputy Political Agent for the Dangs, Bombay; Mr. G. Walton, assistant agriculturist, Northern Rhodesia.