

paleontologic investigations of the Upper Cretaceous deposits in the northern part of the Sacramento Valley, California.

Bradford Willard, Harrisburg, Pa. Grant of \$40 for preparation of illustrations for a paper on the fossils of the Tully limestone, Pennsylvania. Cancelled on request of grantee.

A. F. Buddington, Princeton, N. J. Grant of \$400 for analyses of igneous rocks of the northwest Adirondacks. This investigation was supported in 1933.

George M. Stanley, Ann Arbor, Mich. Grant of \$275 for traveling and field expenses in study of the lower Algonquin beaches. This investigation was supported in 1934.

Glenn L. Jepson, Princeton, N. J. Grant of \$900 for field and laboratory assistance in study of the geology of the Fort Union formation of northwestern Wyoming.

R. Lee Collins, Baltimore, Md. Grant of \$1,000 for traveling, field and laboratory expenses in stratigraphic study of vertebrate remains from the Middle Miocene marine deposits in Maryland and Virginia.

Alfred S. Romer, Cambridge, Mass. Grant of \$350 for preparation of illustrations for a monograph on the American Permo-Carboniferous Pelycosauria.

Charles C. Mook, New York, N. Y. Grant of \$2,000 for traveling expenses to European museums; illustrations, and assistance to complete a monograph on the fossil crocodilia of the world.

Siemon W. Muller, Stanford University, Calif. Grant of \$2,000 for traveling expenses to make a comparative study in European universities and museums of Early Mesozoic fossils from Nevada.

Applications for grants should be filed with the secretary in abundant time for consideration by the Committee on Projects before the April, October and December meetings of the council. At least one month ought to be allowed and more time if possible.

THE KING OF ENGLAND'S BIRTHDAY HONORS

IN addition to the knights on the King of England's honor list reported in a recent issue of SCIENCE, the following more extended list of honors conferred on scientific men and those associated with scientific work is given in *Nature* as follows: *Viscount*: The Right Hon. Lord Dawson of Penn; *Barons*: Sir Herbert Austin, chairman of the Austin Motor Company, for public services; Sir Malcom Hailey, lately Governor of the United Provinces of Agra and Oudh; *K.C.B.*: Dr. A. S. MacNalty, chief medical officer, Ministry of Health and Board of Education; *Knights*: Professor F. Anderson, emeritus professor of philosophy in the University of Sydney; Dr. H. N. Gresley, chief mechanical engineer, London and North Eastern Railway; Captain H. A. S. Newton, member of Council and censor-in-chief, Royal Australasian College of Surgeons; Dr. E. O. Teale, mining consultant to the Government of Tanganyika Territory; F. J. West, for public services to Manchester.

C.B.: Dr. H. I. Bell, keeper of the department of manuscripts, British Museum; Dr. G. Rotter, director, Explosives Research Branch, Research Department, Royal Arsenal, Woolwich; *C.M.G.*: Dr. H. H. Scott, director of the Bureau of Hygiene and Tropical Diseases, London; *C.I.E.*: Professor J. J. Harper-Nelson, formerly principal and professor of medicine, King Edward Medical College, Lahore; Dr. F. J. F. Shaw, director, Imperial Institute of Agricultural Research and Imperial economic botanist, India; *C.B.E.*: R. W. Thornton, agricultural adviser to the High Commissioner for Basutoland, the Bechuanaland Protectorate and Swaziland, and director of agriculture, Basutoland; G. S. Whitham, assistant director of ordnance factories, War Office; *I.S.O.*: E. T. McPhee, Commonwealth statistician, Australia; M. P. Payne, chief constructor, Royal Corps of Naval Constructors, superintendent of Admiralty Experiment Works, Haslar; R. F. Taylor, statistical officer, Mines Department; *O.B.E.*: G. F. Clay, Colonial Agricultural Service, deputy director of agriculture, Uganda Protectorate; E. H. E. Havelock, secretary, Development Commission, and administrative secretary, Agricultural Research Council; J. R. Hill, resident secretary in Scotland of the Pharmaceutical Society of Great Britain; J. Paley Yorke, principal of the London County Council School of Engineering and Navigation, Poplar; *M.B.E.*: M. R. Ry. Achariyar, executive engineer, Electricity Department, Madras; G. E. Bailey, accountant, National Physical Laboratory; F. H. Butcher, Madras Agricultural Service, lately curator, Government Gardens, Ootacamund, The Nilgiris, Madras; H. R. Edmunds, superintendent of agriculture, Kalimpong, Bengal; P. G. Lloyd, chemist and manager, Borough Sewage Works Department, Kingston-upon-Thames; M. R. Nayudu, acting chemical examiner, Madras; F. H. Newington, assistant analyst, Admiralty Chemist's Department, Portsmouth; E. W. Swanton, curator of the Haslemere Educational Museum, Surrey.

GRANTS OF THE ROCKEFELLER FOUNDATION FOR PUBLIC HEALTH AND MEDICAL SERVICE

THE International Health Division of the Rockefeller Foundation in 1935 operated on a budget of \$2,200,000. Grants were made for yellow fever studies in Brazil; for research on yellow fever, malaria and other diseases at the laboratories of the International Health Division at the Rockefeller Institute; for field research on malaria in Cuba, Puerto Rico, Albania, Bulgaria, Greece, Italy, Portugal, Spain and India and for laboratory studies of this disease at the University of Chicago; for demonstrations in the control of malaria in Colombia, Nicaragua, Salvador and Albania; for investigations and control of hookworm dis-

ease in Egypt and for surveys to determine the present status of hookworm disease in areas of North Carolina where campaigns for its control were carried on from 1910 to 1915 by the Rockefeller Sanitary Commission and the International Health Commission; for studies of tuberculosis at Cornell University Medical College and in Alabama, Austria, Jamaica and Tennessee; for the study of yaws in Jamaica and of undulant fever in France; for research at Columbia University on the common cold; for diphtheria investigations in Austria and Peiping, China; for studies on influenza, to be carried out for the most part in the United States; for research on typhoid fever at the State Institute and School of Hygiene, Warsaw, Poland; for studies of mental hygiene in Tennessee and in Baltimore, Maryland; for the development, under the Polish National Department of Health, of a division of mental hygiene in the Warsaw School of Hygiene, and for research on smallpox vaccine at the National Institute of Hygiene in Madrid, Spain.

In addition, local and central government health services were aided in many states and countries, and public health education was furthered by grants to institutions and by the maintenance of a fellowship program providing advanced training in public health and public health nursing for 188 persons.

During 1935 the foundation appropriated \$2,733,050 for work in the field of medical science. Of this sum, \$1,459,450 was contributed to projects for the advancement of psychiatry.

For the development of teaching and research in psychiatry grants were made to the Institute for Psychoanalysis, Chicago; the Johns Hopkins University School of Medicine, for teaching in child psychiatry; the Institute of the Pennsylvania Hospital, for training in psychiatry; the Harvard Medical School and the Massachusetts General Hospital, for a joint program in psychiatric training; the University of Michigan Medical School, to extend the scope of psychiatric

training; the School of Medicine of the University of Colorado, for the teaching of psychiatry in medical, surgical and obstetrical clinics, and to the University of Chicago School of Medicine, to establish and maintain a subdepartment of psychiatry.

A contribution toward a laboratory building was given to the National Hospital, Queen Square, London.

Fourteen research undertakings in clinical psychiatry and related fields received grants ranging in duration from one year to five years and in amount from \$5,000 to \$90,000. The institutions and fields of work thus aided were: Maudsley Hospital, London, research in psychiatry; University of London, Galton Laboratory, studies in human genetics in relation to mental disease; Columbia University, College of Physicians and Surgeons, psychiatric research; University of Amsterdam and the Worcester State Hospital, Massachusetts, research on dementia praecox; Cornell University Medical College, studies of reflex behavior; University of Chicago, study of the physiology of sleep; Northwestern University Medical School, research in neuroanatomy; New York University College of Medicine, research in experimental neurology; Dartmouth College Medical School, research in physiological optics; University of Pennsylvania School of Medicine, research on growth of living tissues; Harvard Infantile Paralysis Commission, field studies in North Carolina; Chicago Area Project, field study of abnormal behavior, and the Institute of the Educational Sciences, Geneva, Switzerland, research in child psychology.

In connection with the application of modern psychiatric knowledge, grants were made to the National Committee for Mental Hygiene in New York City, the North Carolina Commission for the Study of the Care of the Insane and Mental Defectives and the Massachusetts Department of Mental Diseases.

During the year the foundation administered seventy-two fellowships in the medical sciences.

SCIENTIFIC NOTES AND NEWS

THE Philadelphia Board of City Trusts has bestowed the John Scott Award on Dr. James Ewing, professor of oncology at the Cornell University Medical School, for his research in classifying tumors. The award, consisting of a bronze medal and \$1,000, is provided by a fund given to the city of Philadelphia under the will of John Scott, a Scottish chemist, to reward those whose work "adds to the comfort, welfare and happiness of mankind."

DR. LEO HENDRIK BAEKELAND, president and founder of the Bakelite Corporation, has been elected an honorary member of the Royal Society of Edinburgh, Scotland.

A PORTRAIT of Dr. Augustus B. Wadsworth, of Albany, director of the division of laboratories and research of the New York State Department of Health, was presented to the division on June 3 by the laboratory staff and members of the New York State Association of Public Health Laboratories. The portrait was painted by Leopold Seyffert, of New York.

JOHN W. GILMORE, professor of agronomy in the University of California, has been elected to honorary membership in the faculty of the University of Chile and in recognition of his election has been granted a diploma. Professor Gilmore was invited by the Gov-