

cial exhibits of books, maps, etc. The annual dinner of the society, held in conjunction with the American Society of Mechanical Engineers, will be followed by a complimentary performance of Milne's "The Perfect Alibi" by Yale students; there will also be a joint excursion starting late on Friday afternoon, including sea bathing, sports, a picnic supper and dancing. A limited number of reservations can be made on an observation train leaving New London at 5:40, standard time, on Friday to view the Yale-Harvard Boat Race.

#### THE SIXTH INTERNATIONAL CONGRESS OF GENETICS

THE following visitors to the Sixth International Congress of Genetics (Ithaca, New York, August 24-31, 1932) will be in the United States before or after the congress in order to deliver lectures at American universities and colleges.

Professor Kristine Bonnevie, University of Oslo.

Dr. R. A. Fisher, Rothamsted Experimental Station, Harpenden, England.

Professor R. Ruggles Gates, University of London.

Professor Richard Goldschmidt, Kaiser Wilhelm Institut für Biologie, Berlin-Dahlem.

Dr. J. B. S. Haldane, John Innes Horticultural Institution, Merton-London.

Dr. John Hammond, University of Cambridge, Cambridge.

Professor Julian Huxley, King's College, University of London.

Dr. H. Kihara, Kyoto Imperial University, Kyoto.

Dr. G. A. Levitsky, Institute of Applied Botany, Leningrad.

Professor Otto Mohr, University of Oslo.

Professor Hans Nachtsheim, Institut für Vererbungsforschung, Berlin-Dahlem.

Dr. M. Nawaschin, Moscow, U. S. S. R.

Dr. Curt Stern, Kaiser Wilhelm Institut für Biologie, Berlin-Dahlem.

Dr. N. Timofeeff-Ressovsky, Kaiser Wilhelm Institut für Hirnforschung, Berlin-Buch.

Professor N. Vaviloff, Institute of Applied Botany, Leningrad, U. S. S. R.

Dr. Paul Weiss, Vienna (now at Yale University).

Professor O. Winge, Royal Veterinary College, Copenhagen.

Professor M. J. Sirks, Agricultural College, Wageningen, Holland.

Dr. Alexander Serebrovsky, Timiriazev Institute, Moscow.

Other visitors who will probably come and who may be available for lectures are:

Dr. G. P. Frets, Municipal Hospital, Portugal, Rotterdam.

Dr. E. J. Gumbel, Heidelberg University, Heidelberg.

Dr. Ivar Johansson, Agricultural College, Uppsala.

Dr. G. D. Karpechenko, Institute of Botany, Detskoe-Seloe, Leningrad.

Dr. Klass Tjebbes, Sugar Beet Research Station, Landskrona, Sweden.

Many other geneticists will doubtless come from abroad, but definite statements can not be made yet. Information concerning dates and lecture subjects of visitors to the congress may be obtained from the Transportation Committee, care of L. C. Dunn, Columbia University.

#### APPROPRIATIONS FOR GRANTS-IN-AID BY THE NATIONAL RESEARCH COUNCIL

AT its April meeting the National Research Council's Committee on Grants-in-Aid made thirty-one grants for the support of individual research as follows, from eighty-one applications received:

Frank C. Jordan, director, Allegheny Observatory, Pittsburgh, Pennsylvania, the measurement and reduction of parallax plates; W. J. Luyten, head of the department of astronomy, University of Minnesota, the proper motions of the stars.

William D. Harkins, professor of chemistry, University of Chicago, a photographic study of the synthesis and disintegration of atoms; B. Smith Hopkins, professor of inorganic chemistry, University of Illinois, the properties of illinium; Karl Paul Link, professor of biochemistry, University of Wisconsin, the preparation of the naturally occurring hexuronic acids.

Ralph L. Belknap, assistant professor of geology, University of Michigan, the establishment and operation of a weather station on the west coast of Greenland; Margaret F. Boos, Bartlesville, Oklahoma, granites of the Silver Plume and Longs Peak Batholith, Colorado; Bruce L. Clark, associate professor of paleontology and historical geology, University of California, the Tertiary faunas and sections of the Southern part of the United States, and of selected localities in Europe; Charles E. Decker, professor of paleontology, University of Oklahoma, the large graptolite fauna of the Viola limestone; John M. Muir, Fort Worth, Texas, monograph on Mexican oilfields, and a general map of the surface geology of the Tampico embayment; A. Russell Oliver, fellow in geography, Clark University, land utilization in the Judith Basin, Montana.

Robert Chambers, professor of biology, New York University, the functions of the kidney; Paul F. Clark, professor of bacteriology, University of Wisconsin Medical School, the concentration of the virus of poliomyelitis; R. W. Gerard, associate professor of physiology, University of Chicago, the activity of nerve tissue and the central nervous system; Robert

Hegner, director, department of protozoology, School of Hygiene and Public Health, Johns Hopkins University, amebiasis in Panama; William C. Rose, professor of physiological chemistry, University of Illinois, the nutritive importance of the amino acids; Gordon H. Scott, associate professor of cytology, Washington University, the distribution of mineral salts in nerve cells and fibers.

Charles E. Burt, professor of biology, Southwestern College, the lizards of the United States and Canada; F. G. Gustafson, assistant professor of botany, University of Michigan, the anaerobic respiration of cacti; E. B. Hart, professor of agricultural chemistry, University of Wisconsin, the form and availability as food for animals of the iron in plant and animal tissues; LaDema M. Langdon, assistant professor of biology, Goucher College, the embryogeny of the Juglandaceae and Fagaceae; William J. Robbins, professor of botany, University of Missouri, determination of the conditions necessary for the continued cultivation of excised tissues; V. E. Shelford, professor of zoology, University of Illinois, the rodents of the Canadian tundra.

Leonard Carmichael, professor of psychology, Brown University, the cutaneous reflexogenous zones in the fetal guinea pig; Franklin Fearing, associate professor of psychology, Northwestern University, the functions of the non-acoustic labyrinth in birds; Laurence Foster, Stowe Teachers College, St. Louis, racial mixture between Negro, Indian and White stock in Maryland and Delaware; William Morgan, research associate, Yale University, personality studies of Navaho Indians; George M. Peterson, assistant professor of psychology, University of Denver, mechanisms of handedness in the rat; E. Sapir, department of social sciences, Yale University, songs of the Nitinat Indians; T. C. Schneirla, assistant professor of psychology, New York University, the behavior of the legionary ants of Panama of the sub-family Dorylinae; Calvin P. Stone, professor of psychology,

Stanford University, mental characteristics of senile male albino rats.

GEORGE K. BURGESS,  
*Chairman*

### THE MEDAL MEETING OF THE FRANKLIN INSTITUTE

At the annual medal meeting of the Franklin Institute on May 18 the following medals and awards were presented:

*Certificate of Honorary Membership*, George A. Hoadley, Sc.D., Swarthmore, Pennsylvania.

*Certificate of Merit*, Thomas Randolph Harrison, The Brown Instrument Company, Philadelphia.

*The Longstreth Medal*, Josua Gabriel Paulin, System Paulin Aktiebolag, Stockholm.

*The Wetherill Medals*, Halvor Olsen Hem, Toledo Scale Manufacturing Company, Ohio; Monroe Calculating Machine Company, Inc., Orange, New Jersey; Messrs. Baltzar Carl von Platen and Carl Georg Munters, Platen-Munters Refrigerating System, Stockholm; Frank Wenner, Bureau of Standards.

*The Levy Medal*, Wayne Buckles Nottingham, assistant professor of physics, Massachusetts Institute of Technology.

*The Clark Medal*, Philip Thornton Dashiell, United Gas Improvement Company, Philadelphia.

*The Potts Medal*, George Paget Thomson, professor of physics, Imperial College of Science and Technology, London.

*The Cresson Medals*, Percy Williams Bridgman, professor of physics, Harvard University; Charles LeGeyt Fortescue, Westinghouse Electric and Manufacturing Company, Pittsburgh; John Boswell Whitehead, dean, School of Engineering, the Johns Hopkins University.

*The Franklin Medal and Certificate of Honorary Membership*, Ambrose Swasey, The Warner and Swasey Company, Cleveland; Philipp Lenard, director, Radiological Institute, University of Heidelberg; received by the German Consul General in New York, Dr. O. C. Kiep.

Papers will be presented by the Franklin medalists: One entitled "Some Scientific Views" will be presented *in absentia* by Dr. Lenard and Dr. Swasey will speak on "Astronomers and Their Telescopes."

## SCIENTIFIC NOTES AND NEWS

THE degree of honorary doctor of medicine has been conferred by the University of Amsterdam on Dr. Harvey Cushing, Moseley professor of surgery in the Harvard Medical School and surgeon-in-chief of the Peter Bent Brigham Hospital. Dr. Cushing plans to relinquish his work at the school and the hospital at the end of the academic year.

ON the occasion of the celebration of the commencement of the Michigan College of Mining and Technology at Houghton the honorary degree of doctor of engineering will be conferred on Scott Turner, di-

rector of the U. S. Bureau of Mines, and on C. Harry Benedict, chief chemist of the Calumet and Hecla Mining Company. Mr. Turner will be the commencement speaker.

DR. TREAT B. JOHNSON, Sterling professor of chemistry at Yale University, and Dr. Herbert M. Evans, director of the Institute of Experimental Biology at the University of California, were among those elected to membership in the German Imperial Academy of Sciences at Halle at the meeting held on March 17 in commemoration of the centenary of the death of Goethe.