

L. Bieberbach, "Operationsbereiche von Funktionen"; M. Morse, "The calculus of variations in the large"; E. Noether, "Hyperkomplexe Systeme in ihren Beziehungen zur kommutativen Algebra und zur Zahlentheorie"; H. Bohr, "Fastperiodische Funktionen einer komplexen Veränderlichen"; Friday: F. Severi, "La théorie générale des fonctions analytiques de plusieurs variables et la géométrie algébrique"; R. Nevanlinna, "Über die Riemannsche Fläche einer analytischen Funktion"; R. Wavre, "L'aspect analytique du problème des figures planétaires"; J. W. Alexander, "Some problems in topology"; F. Riesz, "Sur l'existence de la dérivée des fonctions d'une variable réelle et des fonctions d'intervalle"; Saturday: G. H. Hardy, "Recent work in additive theory of numbers"; G. Valiron, "Le théorème de Borel-Julia dans la théorie des fonctions méromorphes"; W. Sierpinski, "Sur les ensembles de points qu'on sait définir effectivement"; S. Bernstein, "Sur les liaisons entre quantités aléatoires"; K. Menger, "Neuere Methoden und Probleme der Geometrie"; Monday: J. Stenzel, "Anschauung und Denken in der klassischen Theorie der griechischen Mathematik." Sectional meetings will be held in the afternoons, for the presentation of short papers. Those wishing to present such papers should send short abstracts (not more than 400 words) to the Secretary of the Congress, not later than June 15; these abstracts will be printed before the meeting and distributed there. Abstracts received after that date can not appear in the proceedings unless they are delivered before the end of the congress.

Excursions and entertainments have been arranged. All communications concerning the congress should be addressed to the International Congress of Mathematicians, Ecole Polytechnique Fédérale, salle 20 d, Zurich.

#### ZOOLOGICAL SESSIONS AT THE SUMMER MEETING OF THE ASSOCIATION

SECTION F will hold sessions during the summer meeting of the Association on Tuesday, Wednesday and Thursday, June 21 to 23, at Syracuse, New York. It is planned to emphasize out-of-door zoology by field excursions and informal discussions of ecological and natural history relations. Probably excursions will be made on each of the three days, either for the entire day or shorter half-day trips to representative regions of Central New York. These excursions are expected to be joint sessions of zoologists, ecologists and botanists; leaders will be persons well acquainted with the regions visited. If there are members of the section who do not desire to participate in the out-of-door sessions, provisions may be made for the reading of papers in other fields. Those who desire to present papers should send titles to the secretary

promptly. All papers will be limited to 15 minutes each and titles must be accompanied by abstracts of about 250 words giving the substance of the paper. If sufficient papers are presented they will be grouped into appropriate fields. In sending titles the field should be indicative of the group in which the paper should be read, also whether lantern or charts are to be used, and whether microscopes are needed for demonstration. All titles and abstracts must be in the hands of the secretary not later than May 20 if they are to appear in the program.

GEO. T. HARGITT,  
*Secretary, Section F*

DUKE UNIVERSITY,  
DURHAM, NORTH CAROLINA

#### AWARD OF THE OSBORNE MEDAL TO DR. C. H. BAILEY

DR. CLYDE H. BAILEY, professor of agricultural biochemistry in the University of Minnesota and cereal chemist in charge of the section of cereal chemistry in the Division of Agricultural Biochemistry in the Minnesota Agricultural Experiment Station, has been awarded the Thomas Burr Osborne Gold Medal of the American Association of Cereal Chemists "for distinguished contributions in cereal chemistry." The formal presentation of the medal will be made at the annual meeting of the association which will be held from May 23 to 26 at Detroit.

This medal was established in 1926 by the American Association of Cereal Chemists who desired "to honor those scientists who have contributed signally to the advancement of our knowledge in this field of specialization—the award to be made only at such times as were justified by unusually meritorious contributions." The first award was made in 1928 to Thomas Burr Osborne, after whom the medal was named, for his classic studies in the field of plant proteins in general and the proteins of the cereals in particular. Dr. Bailey will be the second recipient of the Osborne medal.

Dr. C. H. Bailey was born in Minneapolis in 1887. He received his B.S. degree from North Dakota State College, the M.S. degree from the University of Minnesota, and the University of Maryland granted him the Ph.D. degree, his thesis being entitled "The Respiration of Shelled Corn." From 1907–1911 he was scientific assistant in the Bureau of Plant Industry, U. S. Department of Agriculture, where again his field of work was cereal chemistry. Since 1911, except for minor interruptions, he has been continuously associated with the Division of Agricultural Biochemistry at the University of Minnesota.

Dr. Bailey was an active member and officer of the American Society of Milling and Baking Technology,

the society which was merged with the American Association of Cereal Chemists in 1923, and played a conspicuous rôle in the federated society. When in 1923 it was decided to establish a new scientific journal, *Cereal Chemistry*, as the official publication of the society, Dr. Bailey was selected as editor-in-chief and he served this publication in that capacity during the period 1924 to 1931.

Dr. Bailey is the author of more than a hundred bulletins and papers published in scientific journals. These papers range in content over the entire field of cereal chemistry, including fundamental studies in grain storage, grain grading, milling, the storage of milled products, the evaluation of quality of flours, the process of dough fermentation, the effect of individual constituents in the dough batch, physico-chemical factors in flour and bread manufacture, the baking test, including both the test loaf and its commercial applications, the storage of baked products, rancidity of fats and oils used in baked products, and methods of analysis of cereals and cereal products.

#### THE AMERICAN PHILOSOPHICAL SOCIETY

At the annual meeting of the American Philosophical Society, held in Philadelphia on April 21, 22 and 23, the following members were elected:

- Dr. Edward Goodrich Acheson, chemist, St. Petersburg, Florida, formerly president of the Electro-chemical Society.
- Dr. Edward Cooke Armstrong, professor of French, Princeton University.
- M. Gilbert Chinard, Department of French Literature, the Johns Hopkins University.
- Dr. Ralph Erskine Cleland, professor of biology, Goucher College.
- Dr. Arthur J. Dempster, professor of physics, University of Chicago.
- Dr. Arnold Dresden, professor of mathematics, Swarthmore College.
- Dr. Herbert Fox, professor of comparative pathology, University of Pennsylvania.
- Dr. Edwin Francis Gay, professor of economic history, Harvard University.
- Dr. George Lincoln Hendrickson, professor of Greek and Latin literature, Yale University.
- Dr. Edwin Walter Kemmerer, professor of international finance, Princeton University.
- Dr. Thomas William Lamont, New York.

- Dr. Arthur Oncken Lovejoy, professor of philosophy, the Johns Hopkins University.
- Dr. Elmer Drew Merrill, director of the New York Botanical Garden.
- Dr. John Raymond Murlin, professor of physiology and director of department of vital economics, University of Rochester Medical School.
- Dr. Charles P. Olivier, professor of astronomy and director of the Flower Observatory, University of Pennsylvania.
- Dr. Ernest Minor Patterson, professor of economics, Wharton School of Finance and Commerce, University of Pennsylvania.
- Dr. Henry A. Sanders, professor of Latin, University of Michigan.
- Dr. Jacob Richard Schramm, editor-in-chief of *Biological Abstracts*.
- Dr. Charles P. Smyth, associate professor of chemistry, Princeton University.
- Dr. Edward Lee Thorndike, professor of psychology and director of the division of psychology, Institute of Educational Research, Teachers College, Columbia University.
- Dr. Richard Chace Tolman, professor of mathematical physics, California Institute of Technology.
- Dr. Henry Van Peters Wilson, Kenan professor of zoology, University of North Carolina.
- Dr. Sewall Wright, professor of zoology, University of Chicago.

Foreign members elected were:

- Ramon y Cajal, Madrid.
- Dr. William H. Collins, Canada.
- Professor David Hilbert, Göttingen.
- M. Emmanuel de Margerie, Paris.
- Dr. Ivan Pavlov, Leningrad.

Mr. Roland S. Morris, formerly United States Ambassador to Japan and member of the Philadelphia bar, was elected president. He succeeds Professor Henry Norris Russell, of Princeton University. Dr. James H. Breasted, Dr. Elihu Thomson and Dr. Edwin G. Conklin are the vice-presidents; Dr. Arthur W. Goodspeed and Dr. John A. Miller, secretaries; Dr. Albert P. Brubaker, curator, and Dr. Eli Kirk Price, treasurer. Dr. Cyrus Adler, Dr. Henry H. Donaldson, Dr. Herbert S. Jennings, Mr. William L. Phelps and Dr. Heber D. Curtis were elected members of the council.

## SCIENTIFIC NOTES AND NEWS

DR. PHOEBUS A. LEVENE, member of the Rockefeller Institute for Medical Research, has been elected a member of the Deutsche Akademie der Naturforscher zu Halle, on the occasion of the celebration of the centenary of the death of Wolfgang von Goethe.

DR. J. C. TH. UPHOF, head of the department of biology and professor of botany at Rollins College, was recently elected a corresponding member of the Bulgarian Botanical Society and of the Royal Netherlands Agricultural Society.

DR. DUKINFELD H. SCOTT, the British paleobot-