

### THE HISTORY OF SCIENCE SECTION OF THE AMERICAN ASSOCIATION

ON Saturday, December 29, at 10 o'clock, the first session of the History of Science Section will take place, with Dr. Florian Cajori, of the University of California, as chairman.

- I. History of Early American Astronomical Observatories (Illustrated).  
DR. W. CARL RUFUS, University of Michigan.
- II. The Early History of Terrestrial Magnetism and the Work of John Locke of Cincinnati (Illustrated).  
DR. LOUIS A. BAUER, Department of Terrestrial Magnetism, Carnegie Institution of Washington.
- III. The Historical and Practical Aspect of Meteorology, especially the work of Cleveland Abbe, and the United States Weather Bureau (Illustrated).  
DR. W. J. HUMPHREYS, U. S. Weather Bureau, Washington, D. C.
- IV. Uniformity of Mathematical Notation in the Light of History. Retiring Address as Chairman and Vice-President for the Section.  
DR. FLORIAN CAJORI, University of California.
- V. Drawing Instruments of Two Hundred Years Ago (Illustrated).  
PROFESSOR EDWIN W. SCHREIBER, Proviso Township High School, Ill.

On the afternoon of Monday, December 31, a joint meeting of the History of Science and the Philological Sections will take place. This meeting will be in the nature of a symposium and an informal recognition of the 300th anniversary of Lord Francis Bacon's publication of "Novum Organum." The importance of this meeting will be to point out that the philosophy of science had its origin in the inductive methods of Bacon.

- I. The Historical Setting of the Work of Francis Bacon.  
DR. HARRY E. BARNES, Smith College.
- II. Bacon the Founder of Modern Research.  
PROFESSOR MARK H. LIDDELL, Purdue University.
- III. Baconian Methods of Scientific Research.  
DR. FLORIAN CAJORI, University of California.
- IV. Knowledge is Power.  
DR. W. A. CROWLEY, University of Cincinnati.
- V. Discussion.

FREDERICK E. BRASCH,  
*Secretary*

### THE MEDICAL SCIENCES AT CINCINNATI

SECTION N, Medical Sciences, of the American Association for the Advancement of Science, will meet at the University of Cincinnati, December 29, under the chairmanship of Professor Richard P. Strong, of

Harvard University. The morning session is to be devoted to a discussion of the interrelated problems of the medical worker, the parasitologist, the medical entomologist, etc.

1. Professor Francis W. Peabody, Harvard University, will speak on the rôle of Section N.
2. Dr. L. O. Howard, U. S. Bureau of Entomology, "Notes on medical entomology," which will include his recent studies in the European stations of tropical diseases.
3. Professor Richard P. Strong, director of Tropical Diseases, Harvard University, "Relationship of certain parasitic infections of plants to animals." This paper will include his recent studies in Central and South America.
4. Professor Henry B. Ward, of the University of Illinois, will discuss the problem from the point of view of the parasitologist.

The afternoon session will be devoted to a discussion of the endocrines.

1. Professor George W. Crile, Western Reserve University, will speak on "Endocrinology" from the point of view of the surgeon.
2. Professor R. G. Hoskins, Ohio State University, from the point of view of the physiologist.
3. Professor Thomas R. Sprunt, the Johns Hopkins University, from the point of view of the internist.
4. Professor J. J. R. Macleod, University of Toronto, on "Insulin."

On this Seventy-fifth Anniversary of the founding of the association the speakers will also review the historical developments of each of their sciences. All interested workers are invited.

W. J. GOLDFARB,  
*Secretary*

### SCIENTIFIC NOTES AND NEWS

THE Section of Geology and Geography of the American Association for the Advancement of Science has made arrangements to celebrate, at Cincinnati, the seventy-fifth anniversary of the association, in the foundation of which the earlier geologists played so prominent a part. The section has secured the consent of Professor T. C. Chamberlin, who recently celebrated his eightieth birthday, to speak on the subject "Seventy-five years of American Geology." Professor William Morris Davis, of Harvard University, will give an address on "The Development of Geography in the United States" and Professor H. L. Fairchild, of the University of Rochester, will speak on some of the early geologists.

THE Association of American Geographers will hold its twentieth annual meeting at Cincinnati from December 27 to 29. On the evening of December 28,

Dr. Ellsworth Huntington will deliver his presidential address on the "Materials for human geography, as illustrated in Japan, Java and Australia."

THE American Society of Zoologists will meet at Cincinnati from December 27 to 29, with its annual dinner Friday evening. Professors N. K. Koltzoff and P. P. Lazareff, of Moscow, will be guests of the society and will give addresses. Saturday afternoon will be devoted to a joint symposium with the botanists and the naturalists on "Morphogenesis." Professors C. M. Child, R. S. Lillie, A. H. Reginald Buller and R. A. Harper will speak.

THE Genetics program at the joint Genetics Sections of the American Society of Zoologists and the Botanical Society of America, meeting with the American Association for the Advancement of Science, at Cincinnati, has been arranged in three sessions to be held on Thursday and Friday, December 27 and 28. Titles of 22 papers on botanical subjects have been listed for the Thursday morning and afternoon sessions. Seventeen papers on zoological subjects will be given Friday morning.

THE Geological Society of America meets at Washington from December 27 to 29 under the presidency of Dr. David White. Meeting with the society are the Paleontological Society of America, Dr. T. W. Vaughan, president, and the Mineralogical Society of America, Edgar T. Wherry, president.

THE American Anthropological Association, of which Dr. Walter Hough is president, meets in New York City on December 27 and 28.

THE American Psychological Association meets at Madison, Wisconsin, under the presidency of Professor Lewis M. Terman, of Stanford University, on December 27, 28 and 29.

THE American Astronomical Society, of which Dr. W. W. Campbell is president, meets at Poughkeepsie from December 27 to 29.

THE American Mathematical Society, of which Professor Oswald Veblen, of Princeton University, is president, meets in New York on December 27, 28 and 29. The Chicago section of the association and the Mathematical Association of America, of which Professor R. D. Carmichael is president, meets at Cincinnati in affiliation with the American Association.

THE Federation of Biological Societies meets at St. Louis on December 27, 28 and 29.

PROFESSOR SOLON IRVING BAILEY, senior member of the staff of the Harvard College Observatory and Phillips professor of astronomy at Harvard since 1912, who has been in charge of the station at Arequipa, Peru, for the last two years, has been given

the degree of doctor of science by the University of San Augustin at Arequipa, Peru, and at the same time was made honorary professor of astronomy at the university.

THE degree of master of arts, *honoris causa*, is to be conferred by the University of Cambridge on Mr. J. B. Buxton, professor of animal pathology.

PROFESSOR ARNOLD THEILER, director of the Bacteriological Institute of Pretoria, has been made a doctor of philosophy, *honoris causa*, by the University of Berne.

PROFESSORS A. KNESER, of the University of Breslau, and E. Study, of the University of Bonn, mathematicians, have been elected corresponding members of the Prussian Academy of Sciences.

THE title of emeritus professor has been conferred by the University of Leeds on Dr. Arthur Smithells, who recently retired from the chair of chemistry, on the grounds of intellectual distinction and of long and meritorious service to the university.

DR. F. N. COLE, professor of mathematics in Columbia University, has been granted leave of absence for the second half of the present academic year.

PAUL F. CLARK, PH.D., professor of medical bacteriology at the University of Wisconsin, has returned from a semester's leave of absence. Dr. Clark served as delegate at the Pasteur centenary in Paris.

DR. JAN METZELAAR, formerly fisheries instructor for the Dutch Government, has been appointed fisheries expert for the department of conservation of the State of Michigan. His headquarters will be at the Museum of Zoology, University of Michigan.

BERNHARDT G. HARTMANN has been transferred from the Chicago Food and Drug Inspection Station of the Bureau of Chemistry to the Food Control Laboratory, Bureau of Chemistry, Washington, D. C.

J. E. UNDERWOOD has resigned his position as research chemist with the Radium Emanation Corporation, to join the staff of the National Lime Association as assistant chemical directors.

F. HAZLEWOOD has resigned from the ceramics section of the U. S. Bureau of Standards, Washington, D. C., to accept a position with the Buffalo Pottery Co., Buffalo, N. Y.

PROFESSOR ALEXANDER MAIR, of the University of Liverpool, has been elected president and Dr. Betts Taplin vice-president of the newly organized Liverpool Psychological Society.

At a meeting of the New York Academy of Medicine on December 6, the following officers were elected: vice-president, three years, Dr. Herbert S.

Carter; corresponding secretary, three years, Dr. D. Bryson Delavan; treasurer, three years. The president is elected for a two-year term; Dr. George David Stewart continues to hold this office.

At the annual meeting of the Institute of Chemical Engineers, held in Washington on December 5, 6 and 7, the following officers were elected: Dr. Charles L. Reese, chemical director of the du Pont Company, president, to succeed Dr. Henry Howard, who had completed his second term. H. K. Moore, of the Brown Co., Berlin, N. H., automatically became first vice-president and Dr. H. S. Miner, of the Welsbach Co., became second vice-president. The office of third vice-president is filled by election and Professor A. H. White, of the University of Michigan, was chosen for this office. Other officers were elected as follows: J. C. Olsen, *secretary*; F. W. Frerichs, *treasurer*; David Wesson, *auditor*; W. L. Badger, F. A. Lidbury and A. E. Marshall, *directors*.

OFFICERS of the Optical Society of America for 1924-1925 have been elected as follows: *President*, Herbert E. Ives, New York; *Vice-President*, W. E. Forsythe, Nela Research Laboratories, Cleveland; *Secretary*, Irwin G. Priest, Bureau of Standards, Washington; *Treasurer*, Adolph Lomb, Bausch and Lomb Optical Company, Rochester; *Members of the Executive Council*, *Ex officio*, the above officers and the past president, Leonard T. Troland, Harvard University, the editor-in-chief of the journal, Paul D. Foote, Bureau of Standards, the assistant editor-in-chief and business manager of the journal, F. K. Richtmyer, Cornell University; *Elected*, K. T. Compton, Princeton University; Carl W. Keuffel, Keuffel and Esser; P. G. Nutting, Schenectady, and F. E. Wright, Carnegie Geophysical Laboratory.

ROBERT AMORY, president of the National Association of Cotton Manufacturers and Mr. H. C. Meserve, secretary of that organization, recently delivered lectures at Princeton University on the cotton industry and its development. The lectures were delivered under the Cyrus Fogg Brackett Lectureship in applied engineering technology. Among the lecturers of the past two years in this foundation are Samuel Insull, of Chicago; John A. Britton, of San Francisco; J. W. Lieb, of New York; Ralph Modjeski, of Philadelphia, and William S. Lee, of Charlotte, N. C.

At a meeting of the New York Section of the Illuminating Engineering Society, on December 13, Mr. Lawrence A. Hawkins, engineer of the Research Laboratory of General Electric Company, presented a paper entitled "The light of knowledge and the knowledge of light."

PROFESSOR GEORGE GRANT MACCURDY, of Yale University, was the speaker at the meeting of the Galton

Society, held on December 5 at the American Museum of Natural History, New York, his subject being "Nature as reflected in Paleolithic Art."

DR. I. NEWTON KUGELMASS, of Yale Medical School, addressed the Bio Club of the College of the City of New York on November 8 on "The Relations of Colloid Chemistry to Medicine." On December 20, Dr. L. I. Dublin, statistician of the Metropolitan Life Insurance Company, will address the club on the problem of "Longevity."

THE Pasteur Lecture was delivered by Dr. Otto Folin, of Harvard University Medical School, Boston, on November 23, before the Institute of Medicine of Chicago. His subject was "What we have learned about uric acid."

PROFESSOR FRANCIS E. LLOYD, of McGill University, lectured on the subject "Fluorescence in plants" before the Royal Canadian Institute, on December 1. He will deliver a lecture on the same subject at the University of Kentucky, Louisville, Ky., on January 3 next.

DR. JOHN MAXSON STILLMAN, emeritus professor of chemistry at Stanford University, died on December 13, aged seventy-one years.

## UNIVERSITY AND EDUCATIONAL NOTES

MRS. MARY COUTS BURNETT has conveyed to the Texas Christian University of Fort Worth, Texas, an estate valued at \$4,000,000 and \$150,000 in cash. Under the terms of the deed of trust three fourths of the annual income goes to Mrs. Burnett during her lifetime.

THE Education Research Committee of the Commonwealth Fund has made to the University of Chicago an appropriation of \$14,000 to enable Director Charles Hubbard Judd, of the School of Education, and Associate Professor Guy T. Buswell, to make a study of methods of teaching arithmetic, similar to studies which recently have been made in reference to reading.

DR. JAMES M. SHERMAN, bacteriologist in the Research Laboratories of the Dairy Division, U. S. Department of Agriculture, has been appointed head of the Department of Dairy Industry at Cornell University.

DR. IRWIN ROMAN, of Northwestern University, has been appointed associate professor of mathematics at Vanderbilt University.

PROFESSOR J. C. MANRY has returned to Ewing Christian College, Allahabad, India, after completing his work for the doctor's degree in psychology at the University of Iowa. Dr. Herbert G. Kribs, late of