

Hitherto, the organization has concerned itself primarily with the study of the raw materials and rock substances of the state. This class of work will be continued, but the new program proposes to take advantage of the information already gathered (and that which later surveys will reveal), and extend the scope of research to cover utilization and marketing as well.

The new program proposes:

- (1) To secure and make available both scientific and economic data which will nourish and promote the state's mineral industries;
- (2) To investigate thoroughly the constitution and properties of all Illinois rock and mineral substances, paving the way for maximum utilization, either by improvement of present uses or discovery of new uses, or both;
- (3) To bring the fundamental information to such a point that it can be used directly by industries and private individuals to exploit deposits to the fullest and most profitable extent;
- (4) To make known the production and flow of minerals into and out of Illinois, the marketing opportunities, existing obstacles or limitations, and trends in the various industries.

New laboratories for the researches, with the most up-to-date equipment obtainable, were recently dedicated, the ceremonies being attended by leading mineral producers, manufacturers, business leaders, geologists and representatives of universities and scientific societies of Illinois and the middle west.

Dr. M. M. Leighton, chief of the Geological Survey, has made a number of recent staff appointments, to supplement the work of his regular geologic staff. The additions to the personnel are as follows:

Enid Townley, M.S., associate geologist and assistant to the chief
 Judson R. Griffin, Ph.D., assistant geologist
 Ralph E. Grim, Ph.D., petrographer
 Robert J. Piersol, Ph.D., physicist
 Frank H. Reed, Ph.D., chief chemist
 Gilbert Thiessen, Ph.D., associate chemist
 Charles F. Fryling, Ph.D., chemist
 Orin W. Rees, Ph.D., associate chemist
 Wm. D. Allers, B.S., chemistry assistant
 John Robinson, B.S., chemistry assistant
 L. D. McVicker, chemistry assistant
 Carl Westerburg, chemistry assistant
 Walter H. Voskuil, Ph.D., mineral economist

THE JOURNAL OF CELLULAR AND COMPARATIVE PHYSIOLOGY

At a meeting of the Advisory Board of the Wistar Institute, held on May 19, 1931, a resolution was passed requesting that a meeting of representatives of each journal published by the Wistar Institute be held for the purpose of considering methods by which the

material offered for publication in the several Wistar Institute journals might be best accommodated.

Later, on June 14, a conference of editors was held at the Morris Biological Farm of the institute, and steps were taken to suggest certain improvements in the preparation of papers for publication in the institute's journals. At the same time it was suggested that a new physiological journal be established to accommodate physiological papers which now appear in the anatomical or zoological journals.

This meeting was followed on August 12 by a meeting, held at the Marine Biological Laboratory at Woods Hole, of physiologists and others interested in the proposed new journal of physiology, and a group of physiologists was selected to organize the proposed journal, select a managing editor, and add to its number if it seemed desirable.

On October 17 and 18 the physiologists met at the Morris Biological Farm and decided upon the policy of the journal, selected a managing editor, and added to their number certain other physiologists, representing other phases of the science or other geographical regions. Dr. E. Newton Harvey, of Princeton University, was chosen managing editor. The other members of the board of editors are: W. R. Amberson, University of Tennessee; D. W. Bronk, University of Pennsylvania; M. H. Jacobs, University of Pennsylvania; R. S. Lillie, University of Chicago; E. K. Marshall, Jr., the Johns Hopkins University; G. H. Parker, Harvard University; A. C. Redfield, Harvard University; H. W. Smith, New York University, and L. Irving, University of Toronto.

The announcement of the *Journal* reads as follows:

Owing to the increasing number of papers in the field of general and comparative physiology now published in journals not primarily devoted to this subject, it has appeared desirable to bring the material together in one publication. The proposed *Journal of Cellular and Comparative Physiology* is intended as a medium for the publication of papers which embody the results of original research of a quantitative or analytical nature in these fields, including both their physical and chemical aspects. Short preliminary notices are not desired and papers will not be accepted for simultaneous publication or which have been previously published elsewhere. While not specifically excluding any particular branch of physiology, contributors should recognize that excellent journals already exist for publication in the field of experimental and physiological zoology, dealing particularly with genetics, behavior, developmental mechanics, sex determination, and hormonal interrelationships, and also for pure mammalian functional physiology and the physical chemistry of non-living systems. Preference will be given to analyses of fundamental physiological phenomena whether the material is vertebrate or invertebrate, plant or animal.

It is recognized that prompt publication is essential, and the aim will be to issue papers within two months

of acceptance. An abstract not exceeding 225 words must accompany each manuscript. These abstracts will be published immediately in the Wistar Institute Advance Abstract Sheets and appear later on the Wistar Institute Bibliographic Service Cards. Manuscripts should conform to the Wistar Institute publication standard. They should be sent to the managing editor or any associate editor. One hundred reprints of each article are furnished to the author or authors free; additional copies may be obtained according to rates which will be quoted as soon as the manuscript has been examined.

This journal will be issued on the twentieth days of February, April, June, August, October and December. A volume will contain approximately 500 pages and may be closed with any issue. The journal will be sold by the volume, not by the year.

THE NON-RESIDENT LECTURER IN CHEMISTRY AT CORNELL UNIVERSITY

THE non-resident lecturer in chemistry at Cornell University for the second term of the present academic year, February 15–June 1, will be Professor Alfred E. Stock, director of the Chemical Institute of the Technische Hochschule of Karlsruhe, Germany.

Professor Stock was born in Danzig in 1876, and received the degree of doctor of philosophy, *Magna cum Laude* from the University of Berlin in 1899. In 1898 he held the position of lecture assistant under Professor Emil Fischer at the University of Berlin, and from 1899 to 1900 he carried on investigations in the laboratory of Henri Moissan in Paris. Re-

turning to Berlin he qualified for the position of privat-docent in 1904 and was promoted to a professorship in 1906. In 1909 he went to Breslau as professor of inorganic chemistry in the newly founded Technische Hochschule there, and was appointed director of the Institute of Inorganic Chemistry. In 1925 he was called to the University of Münster, but before entering upon the duties of that position he accepted appointment in the Kaiser Wilhelm Institute for Chemistry in Berlin-Dahlem, and became director of this institute and professor in the philosophical faculty of the University of Berlin in 1921. He resigned this position in 1926 to accept appointment as director of the Chemical Institute of the Technische Hochschule of Karlsruhe.

Professor Stock, according to our correspondent, "is one of the most versatile and gifted investigators in the field of inorganic chemistry, and his many investigations, numbering over 160, are characterized by brilliant experimental technique and convincing thoroughness." While at Cornell he will lecture upon the high-vacuum method for studying volatile substances, the chemistry of boron, the preparation and properties of beryllium, and chronic mercurial poisoning, discussing in detail the detection and determination of traces of mercury. His introductory public lecture, to be delivered on February 17 will be on "The Present State of the Natural Sciences." His regular lectures will begin on Thursday, February 18.

SCIENTIFIC NOTES AND NEWS

THE gold medal of the Royal Astronomical Society has been awarded to Dr. Robert Grant Aitken, director of the Lick Observatory, for his work on double stars.

At a testimonial dinner given recently by the Medical Society of the City and County of Denver, a portrait of Dr. Henry Sewall, emeritus professor of medicine at the University of Colorado School of Medicine, was unveiled and formally presented to the society by Dr. Harry J. Corper. Dr. Frank W. Kenney, secretary of the board of trustees of the society, made the speech of acceptance. Dr. James R. Arneill was toastmaster.

DR. CHARLES V. CHAPIN, superintendent of health of Providence since 1884, retired from active service on January 4. The Providence Medical Association has adopted a resolution in which tribute is paid to Dr. Chapin's long and distinguished service.

THE annual meeting of the New York Academy of Medicine on January 7 was preceded by a testimonial dinner given in honor of Dr. Linsly R. Williams, di-

rector of the academy. Among those elected to fellowships in the academy were Drs. Karl Landsteiner, Phoebus A. Levene and Peter K. Olitsky, of the Rockefeller Institute, and to associate fellowships, Dr. Stanley R. Benedict, of the Cornell Medical School, and Drs. John H. Northrop, W. J. V. Osterhout and Donald D. Van Slyke, of the Rockefeller Institute.

DR. LIGHTNER WITMER, professor of psychology at the University of Pennsylvania and director of the Psychological Clinic, was the recipient of a volume entitled "Clinical Psychology—Studies in Honor of Lightner Witmer—Commemorating the Thirty-Fifth Anniversary of the Founding of First Psychological Clinic," at a special meeting on December 11 of the faculty of the college. Dr. Paul H. Musser, dean of the faculty, called upon Dr. Robert A. Brotemarkle, editor of the volume, who read the dedication page. Dr. Edwin B. Twitmyer, professor of psychology, assistant director of the clinic and chairman of the department, extended congratulations to Dr. Witmer. Dr. Josiah H. Penniman, provost in charge of re-