

Springer, Washington, D. C., and F. M. Anderson, Berkeley, California; *Secretary*, R. S. Bassler, Washington, D. C.; *Treasurer*, Carl O. Dunbar, New Haven, Connecticut; *Editor*, Walter Granger, New York City.

Following the meetings, members visited the paleontological laboratories of the U. S. National Museum and made a field trip to study the local geology.

R. S. BASSLER

THE TORONTO MEETING OF THE BRITISH ASSOCIATION

THE British Association for the Advancement of Science will hold its annual meeting at Toronto from August 6 to 13 next, inclusive, and it is hoped that a large representation of scientific men from the United States will attend the meeting. It is understood that an invitation will be extended to members of the American Association for the Advancement of Science to become members of the British Association for the meeting. The indications are that there will be a large attendance of British scientists including many of the best known workers in the various departments. The programs in all sections are being arranged so as to include, as far as possible, papers and discussions on subjects that have recently been under investigation and in several sections joint symposia are being arranged to be taken part in by American and British workers. The various sections are:

- A—Mathematics and Physics.
- B—Chemistry.
- C—Geology.
- D—Zoology.
- E—Geography.
- F—Economic Science and Statistics.
- G—Engineering.
- H—Anthropology.
- I—Physiology.
- J—Psychology.
- K—Botany.
- L—Educational Sciences.
- M—Agriculture.

SCIENTIFIC NOTES AND NEWS

THE issue of SCIENCE for January 25 will be devoted to reports of the meeting of the American Association for the Advancement of Science and the national scientific societies meeting with it at Cincinnati from December 27 to January 2.

SIR CHARLES SHERRINGTON has been elected a corresponding member of the Institut de France in the Section of Medicine and Surgery of the Paris Academy of Sciences, in succession to the late Sir Patrick Manson.

DR. G. D. LIVEING, professor of chemistry at the

University of Cambridge, from 1861 to 1908, reached his ninety-sixth birthday on December 21. Professor Liveing has been in residence at Cambridge for more than seventy-five years in unbroken succession.

THE American Institute of Chemical Engineers, meeting in Washington, sent, on December 6, a congratulatory message to Professor Charles F. Chandler, that day being the eighty-seventh anniversary of his birth.

THE Royal Meteorological Society presented, on January 16, the Symons gold medal for 1924 to Dr. Takematsu Okada, director of the Central Meteorological Observatory, Tokyo, Japan.

PROFESSOR B. L. ROBINSON, of Harvard University, has been made foreign member of the Societas pro Fauna et Flora Fennica.

THE Paris Academy of Sciences has awarded a prize to Mr. Lee de Forest, the New York engineer, for his invention of lamps with three electrodes used in wireless telephones.

M. COLTON, professor of astrophysics in the University of Paris, has been elected a member of the Paris Academy of Sciences in the section of physics to succeed the late M. J. Violle.

DR. JOHANNES FIBIGER, professor of pathological anatomy at the University of Copenhagen, has been awarded the Jung Cancer Research Prize by the commission of award composed of four members of the faculty of the University of Munich.

JOHN H. HALL, metallurgist for the Taylor Wharton Iron & Steel Co., High Bridge, N. J., and author of publications on steel foundry practice, has received the J. H. Whiting Medal of the American Foundrymen's Association for his outstanding achievements in metallurgy in the steel-casting industry.

THE Radiological Society of North America has conferred a gold medal upon Mr. H. Clyde Snook for his invention of the modern transformer type of X-ray apparatus.

THE A. Cressy Morrison Prize of the New York Academy of Sciences has been awarded to Dr. Frank E. Lutz for his monograph entitled "Apparently non-selective characters and combinations of characters, including a study of the ultraviolet in relation to the flower-visiting habits of insects."

PROFESSOR W. H. HOWELL, of the Johns Hopkins University, as has already been noted, was elected president, and Professor Lester W. Sharp, of Cornell University, was elected vice-president of the American Society of Naturalists at the Cincinnati meeting. The following were elected to membership: O. A. Johannsen, F. H. Knowlton, W. D. Matthew, H. W.

Norris, Wilson Popenoe, Howard S. Reed, Asa A. Schaeffer, W. B. Scott, Charles A. Shull and David White.

C. E. DAVIS, chief chemist of the National Biscuit Company, was elected chairman of the New York section of the American Chemical Society for 1924 at a meeting held on January 3. He succeeds Dr. Charles A. Browne, recently appointed chief of the U. S. Bureau of Chemistry. Dr. P. A. Levene, of the Rockefeller Institute, was named vice-chairman, and D. H. Killeffer, associate editor of *Industrial and Engineering Chemistry*, secretary-treasurer. The new executive committee is composed of Professor H. R. Moody, College of the City of New York; Professor R. R. Renshaw, New York University; Colonel Raymond F. Bacon, and H. B. Faber, consulting chemist.

DR. JAMES R. ANGELL, president of Yale University, has resigned the editorship of the Psychological Monographs of the Psychological Review publications. He is succeeded by Dr. Shepherd Ivory Franz, of the Government Hospital for the Insane, who relinquishes the editorship of *The Psychological Bulletin* to Professor Samuel W. Fernberger, of the University of Pennsylvania.

DR. FRANKWOOD E. WILLIAMS was reelected medical director of the National Committee for Mental Hygiene at the annual meeting of the board of directors, held in New York City on December 28. The following were elected members of the executive committee: Dr. William L. Russell, medical director, Bloomingdale Hospital, White Plains, New York; Dr. Walter E. Fernald, superintendent, Massachusetts School for the Feeble-minded, Waverley; Dr. Stephen P. Duggan, director, Institute of International Education, New York City; Dr. William A. White, superintendent, St. Elizabeth's Hospital, Washington, D. C.; Dr. Charles P. Emerson, dean of the Medical School, University of Indiana; Dr. C. Floyd Haviland, chairman, State Hospital Commission, Albany, N. Y.; Dr. Arthur H. Ruggles, superintendent, Butler Hospital, Providence, R. I., and Mr. Matthew C. Fleming, attorney, New York City. Dr. William H. Welch, president of the National Committee for Mental Hygiene, presided.

MISS RUTH DEXTER SANDERSON, A.B. (Mt. Holyoke College), of Waltham, Mass., has been appointed assistant librarian of the Gray Herbarium of Harvard University to fill a vacancy caused by the resignation of Miss Edith M. Vincent, who, after seventeen years' service at the Gray Herbarium, has accepted a call to a similar position in the botanical library of the Field Museum at Chicago. Miss Lesley C. Brown, A.B. (Vassar College), of Winchester, Mass., has been added to the staff of the herbarium as bibliographer

in connection with the continued compilation of the "Card index of new genera, species and varieties of American plants," a quarterly publication begun by Miss Josephine A. Clark and for many years carried on by Miss Mary A. Day, librarian of the herbarium.

DR. CHAS. H. HERTY was reelected president of the Synthetic Organic Chemical Manufacturers' Association, at the annual meeting held in New York on December 14.

PROFESSOR GEORGE CHANDLER WHIPPLE, of Harvard University, who has for nine years represented the field of sanitary engineering on the Public Health Council of Massachusetts, has resigned from the council.

JAMES A. FOORD, professor of farm management at the Massachusetts Agricultural College, has been relieved, at his own request, of the position of head of the division of agriculture at the college, which he has held since 1907. He will give his full time to his chosen field of farm management.

FREDERICK G. CLAPP, geologist of New York City, has sailed from San Francisco and will spend the winter in extensive studies in Australia and New Zealand.

WILLIAM H. HOOVER, of the Astrophysical Observatory of the Smithsonian Institution, sailed for Buenos Aires on January 12 to install apparatus for the measurement of variations in the sun with a view to their use in practical weather forecasting for the Argentine government at La Quiaca, which is 11,000 feet above sea level on the northwest boundary of Argentina.

THE second William Thompson Sedgwick Memorial Lecture will be given in Huntington Hall, 491 Boylston Street, Boston, on Friday, January 25, at half past four o'clock, by William Henry Welch, M.D., LL.D., director of the school of hygiene and public health of the Johns Hopkins University, on the "Foundations of public health."

LIEUTENANT-COLONEL H. H. GODMAN-AUSTEN, known for his work on the geology and geography of India, died on December 2, in his ninetieth year. We have recorded the death of Canon Thomas George Bonney, a leader of geology in England, who died in December, in his ninetieth year. Two other distinguished British geologists celebrated the anniversary of their birth in December. Sir Archibald Geikie attained the age of eighty-eight on December 28, and Sir W. Boyd Dawkins was eighty-five on December 26. Sir Archibald Geikie was elected fellow of the Royal Society in 1865 and Sir Boyd Dawkins in 1867.

PROFESSOR FRANK CLOWES, expert adviser on gas

supply of the Corporation of London, and professor emeritus of chemistry of University College, Nottingham, died on December 15 at his residence in Dulwich, aged seventy-five years.

HERLUF WINGE, of the Zoological Museum of the University of Copenhagen, distinguished for his work in vertebrate paleontology, died on November 10.

UNDER the chairmanship of the Earl of Ronaldshay, president of the Royal Geographical Society, a committee has been formed in London with the object of securing subscriptions to the Shackleton Memorial Fund. It appears the late Sir Ernest Shackleton left a very modest sum to his family. The committee proposes to apply the funds placed at their disposal to two objects: the erection of a suitable memorial to the explorer on the Thames Embankment and to make provision for the support of Mrs. Shackleton, the mother of the explorer, and for the proper education of his children. The many friends of Shackleton in America who may wish to show their concern for the dependents of the explorer, may send their contributions to the Honorable Treasurer of the fund, Mr. Howard Button, 61 Lincoln's Inn Fields, W. C. London.

PROFESSOR LASAREFF, of Moscow, who came to the United States to address the American Zoological Society in Cincinnati on "The Ionic Theory of Nerve Stimulation," sailed for Russia on January 12.

PROFESSOR VON HOYNINGEN-HUENE, head of the geological-paleontological institute of Tübingen University, has gone to Buenos Aires to conduct researches on saurian fossils under the auspices of La Plata University.

DR. T. W. VAUGHAN, of the U. S. Geological Survey, delivered the address of the retiring president of the Washington Academy of Sciences on January 8 on "Oceanography in its relation to other earth sciences."

THE address of the retiring president of the Philosophical Society of Washington was delivered on January 12, by Dr. Walter P. White, on "The ethics of research."

DR. W. M. WHEELER, of the Bussey Institution of Harvard University, was the guest of the zoologists of Indiana University from December 10 to 12. He lectured before the chapter of Sigma Xi on "Bergson's attitude toward instincts," and before the convocation of the whole university on "Ants." These are the first public lectures in entomology to be given at Indiana since the recent establishment of courses in entomology in that university.

DR. FRANCIS G. BENEDICT, director of the Carnegie Nutrition Laboratory, gave an illustrated lecture on

"The human body as a machine," before the engineers of the General Electric Company, at Lynn, on January 11.

ON December 15, Dr. G. K. Noble, curator of herpetology, American Museum of Natural History, New York, delivered an address at Toronto to the Royal Canadian Institute on the subject "Days and Nights on Santo Domingan Trails." On January 5 Dr. Louis A. Bauer, of the Carnegie Institution, gave an illustrated lecture before the institute entitled "The magnetic earth and the electric atmosphere."

MRS. F. F. PRENTISS has given funds for a new medical library—a memorial to Dr. Dudley P. Allen who died in 1915—which will be erected on a site given by Western Reserve University at Euclid Avenue and Adelbert Road. Dr. Allen was for many years professor of surgery at Western Reserve University School of Medicine, and his library was bequeathed to the Cleveland Medical Library Association.

DR. FRANK BILLINGS has presented to the Institute of Medicine of Chicago the sum of \$10,000 to be apportioned in two funds of \$5,000 each known as the Lewis L. McArthur and Ludvig Hektoen funds. The income is to be spent in the promotion of investigation in internal medicine, in the payment of honorariums for lectures before the institute, or for such other purposes as the board of governors may direct.

WE learn from *Nature* that Mr. A. Henderson Bishop and his son have given to the University of Glasgow, for the new Zoological Museum, the collection of Coleoptera and Lepidoptera made by the late Thomas G. Bishop, of Dalmore, Helensburg. The collection is contained in 18 cabinets enclosing 700 separate boxes, and numbers some thirty or forty thousand specimens. All are beautifully mounted, labeled, systematically arranged and in perfect condition.

THE late Seymour Coman, of Chicago, left the residue of his estate to the University of Chicago, the income to be used as a Seymour Coman Research Fund for the purpose of bridging the gap between laboratory research in the fundamental sciences as applied to medicine, and clinical investigations. The income will be used for the establishment of three Seymour Coman research fellowships with a stipend of \$2,000 to \$3,000 per year for each fellow, one in the domain of chemistry applied to medicine, one in preventive medicine, and one in physiology. The incumbents will be required to have the maturity and preparation represented by the Ph.D. or the M.D. degree. The income is expected to grow somewhat in the course of time, and will be used for the establishment of further fellowships of this nature.

THE Gray Herbarium, of Harvard University, has recently received a series of about 430 plants of tropical Africa, chiefly from the interior of Angola. The collection was the gift of Mrs. Richard C. Curtis, of Boston, having been prepared by her while accompanying her husband and his father, Mr. Charles P. Curtis, on a hunting expedition to secure specimens of the giant sable antelope. Many of the plants thus obtained by Mrs. Curtis during the later part of the dry season are believed to be the first of their species to reach any American herbarium. The herbarium has obtained by purchase a considerable series of critical drawings prepared by the late Professor E. Koehne, of Berlin, recording his dissections during the whole course of his monographic studies of the *Lythraceae*. The series exhibits in great detail the morphological characters of nearly all members of this family and brings to America much information regarding the group not previously available on this side of the Atlantic. The herbarium has also recently obtained the personal herbarium of the late archeologist Professor Eduard Seler, of Berlin, including a collection prepared by Professor and Mrs. Seler during their extensive travels in Yucatan, Chiapas and Guatemala, containing much material critically studied by Professor Loesener and other botanists of the Berlin Botanical Museum.

THE Sigma Xi Club, of Carleton College, recently organized with fifteen active members, is devoting the year's program to a review of recent work on "The constitution of matter." The remaining programs of the year comprise: Various Types of Rays, Dr. C. A. Culver, of the Physics Department; The Bohr Theory, Dr. E. A. Fath, of the Astronomy Department; The Quantum Theory, C. C. Furnas, of Shattuck School; Electrical Theory of Valence, Dr. E. O. Ellingson, of St. Olaf College, and Isotopes, Dr. A. T. Lincoln, of the Chemistry Department.

THE California Academy of Sciences announces a course of six Sunday afternoon lectures on Evolution as follows:

January 20. *The laws of heredity*, by DR. L. L. BURLINGAME, associate professor of botany, Stanford University.

January 27. *Heredity and plant breeding*, by DR. E. B. BABCOCK, professor of genetics, University of California.

February 3. *Heredity in man*, by DR. L. L. BURLINGAME, associate professor of botany, Stanford University.

February 10. *The evolution of man*, by DR. HAROLD HEATH, professor of zoology, Stanford University.

February 17. *The present status of Darwinism*, by DR. S. J. HOLMES, professor of zoology, University of California.

February 24. *The trend of the race*, by DR. S. J. HOLMES, professor of zoology, University of California.

These lectures are given in the auditorium of the California Academy of Sciences in Golden Gate Park and are free to the public.

Nature says: "We regret to note an announcement in the December issue of *Discovery* that this number is to be the last to appear. All who are interested in the spread of a knowledge and appreciation of the results of scientific investigation among the general public will regret the disappearance of this publication. Since it was founded in 1920, *Discovery* has consistently maintained a high standard of scientific accuracy, and has placed before its readers in clear and non-technical language a large number of articles, necessarily varying considerably in merit, which were selected with the express intention of keeping readers abreast of the latest movements of thought in the scientific world. It was started under favorable auspices at a time when the events of the war had impressed upon the public mind the value of scientific research from a practical point of view. Its committee of management consisted of representatives of the most important of the scientific and learned societies, and amongst its contributors it has numbered some of the most prominent of the scientific men of the day. Yet notwithstanding these facts, and notwithstanding a wide appreciation of its merits as a popular scientific publication, it has failed through lack of support."

UNIVERSITY AND EDUCATIONAL NOTES

A GIFT of \$20,000 has been made to Columbia University by an anonymous donor to be used for the exclusive benefit of the Department of Geology, to be known as the James Furman Kemp Fund. The income from the fund may be applied to fellowships, scholarships, loans to students, field research expeditions, office and laboratory researches, purchase of equipment, or other valid requirements for which there are no stated funds regularly advanced by the university.

THE Baker Laboratory of Chemistry was dedicated at Cornell University on December 22. Mr. J. DuPratt White, vice-chairman of the Board of Trustees, presided at the exercises; Mr. Baker himself presented the keys of the building to President Farrand who accepted them for the university; Professor L. M. Dennis, head of the Department of Chemistry, spoke briefly on the significance of Mr. Baker's gift to the advancement of both the science and the art of chemistry. The guests then inspected the laboratory and its equipment, and were shown the operation of the mechanical features of the building and of many new forms of apparatus.

THE cornerstone of the new laboratory for the study of psychology at Princeton University was laid