

President Richards, of Lehigh University, and a number of the faculty were present.

The association acknowledges the many helpful courtesies extended by the various mineral industries visited.

M. M. LEIGHTON, *Secretary,*  
*Association of American State Geologists*

#### LECTURES ON MENTAL HYGIENE AT THE NEW YORK ACADEMY OF MEDICINE

A COURSE of fifteen lectures on mental hygiene is being given at the Academy of Medicine, 17 West 43rd Street, New York City, on Tuesday afternoons, at 4 o'clock, from November 10 to March 2, inclusive. The course is under the auspices of the New York State Committee on Mental Hygiene, New York Neurological Institute and the National Committee for Mental Hygiene. It has been arranged at the request of the Catholic Big Sisters, the Jewish Big Sisters, the Protestant Big Sisters, the Charity Organization Society and Y. W. C. A. and Y. M. C. A. of New York City. The object of the course is to give those engaged in social, educational and religious work an intelligent understanding of mental hygiene in its application to the problems with which they deal. Each lecture will be followed by a half-hour consultation period.

The program is as follows:

*Development in the light of heredity and eugenics*, by EDWIN GRANT CONKLIN, professor of biology, Princeton University (November 10).

*Mental hygiene and the nursery school*, by PATTY HILL, professor of education, Teachers College, Columbia University (November 17).

*Mental health and habit training*, by DOUGLAS A. THOM, director of the division of mental hygiene, Massachusetts Department of Mental Diseases (November 24).

*Habit clinics for problem children*, by DOUGLAS A. THOM (December 1).

*Some of the emancipation problems of the adolescent*, by THOMAS W. SALMON, professor of psychiatry, Columbia University (December 8).

*The mental health of the school-age child*, by DR. IRA S. WILE, assistant pediatrician, Mt. Sinai Hospital, New York City (December 15).

*Juvenile delinquency and mental hygiene*, by DR. AUGUSTA F. BRONNER, Judge Baker Foundation, Boston (December 22).

*Mental hygiene as a preparation for college life*, by DR. ARTHUR H. RUGGLES, lecturer in psychiatry and consultant in mental hygiene, Yale University (January 5).

*Mental tests—their uses and interpretation*, by DR. PAUL KLAPPER, dean of the school of education, College of the City of New York (January 12).

*Applying mental hygiene to the community*, by DR. STANLEY P. DAVIES, executive secretary, New York State Committee on Mental Hygiene (January 19).

*Inheritance of mental diseases*, by ABRAHAM MYERSON, professor of neurology, Tufts College Medical School, Boston (January 26).

*Individualism and mental health*, by DR. ADOLF MEYER, professor of psychiatry, The Johns Hopkins University (February 9).

*New concepts of mental ill-health*, by DR. C. MACFIE CAMPBELL, professor of psychiatry, Harvard Medical School, and director of the Boston Psychopathic Hospital (February 16).

*Relation of nervous disorders to functional disease*; by DR. FOSTER KENNEDY, member of the Medical Board, and attending physician, Neurological Institute, New York City (February 23).

*Psychological methods of cure—psychoanalysis, suggestion, etc.*, by DR. WILLIAM A. WHITE, medical director, St. Elizabeth's Hospital, Washington (March 2).

#### SCIENTIFIC NOTES AND NEWS

DR. GILBERT NEWTON LEWIS, professor of physical chemistry and dean of the College of Chemistry at the University of California, will give the annual course of eight lectures on the Silliman Foundation at Yale University, beginning on November 30. His subject will be "Concepts of science."

ACCORDING to an Associated Press dispatch from Stockholm, the Nobel prize in physics has been awarded to Dr. Karl Manne George Siegbahn, professor of physics at Lund University, Sweden.

THE Leeuwenhoek medal was presented to Professor d'Herelle, the discoverer of the bacteriophage, at a special meeting of the Dutch Royal Academy of Sciences on September 26.

PROFESSOR V. M. BEKHTEREV, the well-known Russian neurologist and psychiatrist, has celebrated the fortieth anniversary of his activity as a professor. This year also marks the fiftieth anniversary of the date of publication of his first scientific paper.

THE Scientific Department of the Russian Commissariat of Education has sanctioned awards for scientific achievements to Professor Chaplin, for work in connection with the theory of monoplane-wings; Professor F. Orlov, for work on comet-tails; Professor Schtefke, for his work on "The influence of starvation on the child organism," and Professor Chichibabin, for work in organic chemistry.

THE University of Cambridge will confer the degree of doctor of science (*honoris causa*) on Sir T. W. Edgeworth David, professor of geology in the University of Sydney.

DR. J. M. PURSER, Regius professor of physics at Trinity College, Dublin, has retired.

DR. T. WARDROP GRIFFITH, who recently retired from the chair of medicine at the University of Leeds, has been made emeritus professor.

DR. MAURICE OSTHEIMER, assistant professor of diseases of children at the University of Pennsylvania, has retired, having completed twenty-five years of teaching.

DR. OSKAR VON MILLER, director of the Museum of Invention and Vocational Guidance at Munich, Germany, was the guest of honor at a luncheon given by Felix M. Warburg on November 15, at which plans were discussed for the proposed new museum of engineering and industry. Dr. George F. Kunz outlined the ideas of a committee which is fostering the plan.

As a sequence of the reorganization of the French Weather Service (Office National Météorologique), the International Commission for the Study of Clouds has announced its program of work. Members of the commission are: from Norway, Bergeron T. Bjerknes; Great Britain, Cave Clarke Douglas; Japan, Fujiwara; Portugal, Chaves; Belgium, Jaumotte; France, Besson, Delcambre, Scherechemskys; Germany, Süring; Italy, Matteuzi, Taffara; Switzerland, Maurer, de Quervain; Esthonia, Konsnetzoff, and United States, McAdie.

At the annual meeting of the Royal Society of Edinburgh, held on October 26, the following officers were elected: *President*, Sir Alfred Ewing; *Vice-presidents*, Professor J. H. Ashworth, Professor T. H. Beare, Dr. W. B. Blaikie, Sir Robert Blyth Greig, Professor T. H. Bryce and Professor E. T. Whittaker; *General Secretary*, Professor R. A. Sampson; *Secretaries to Ordinary Meetings*, Dr. A. Lauder, Professor W. Wright Smith; *Treasurer*, Dr. J. Currie; *Curator of Library and Museum*, Dr. A. Crichton Mitchell.

DR. H. V. ARNY, professor of chemistry in the College of Pharmacy at Columbia University, has been elected chairman of the National Conference on Pharmaceutical Research.

DR. C. C. BASS, dean of the Tulane University Medical School, was elected president of the Southern Medical Association at the closing session at Dallas, on November 12. Dr. C. M. Marchman, of Dallas, was elected first vice-president.

PROFESSOR FRED R. FAIRCHILD, of Yale University, has been appointed director of the national investigation of forest tax problems, which is to be undertaken under the auspices of the forestry service of the U. S. Department of Agriculture, in accordance with the provisions of the Clark-McNary forest act, passed by the last congress.

W. C. PARKINSON was relieved of the charge of the Huancayo Magnetic Observatory at the end of July in order to take part in the reduction of the observatory observations under way at the office of the Department of Terrestrial Magnetism at Washington.

Mr. R. T. Booth was appointed observer-in-charge of the Huancayo Observatory, in succession to Mr. Parkinson, and will be assisted by Messrs. R. H. Goddard and A. H. Kampe.

L. E. WARREN has returned to the U. S. Bureau of Chemistry after an absence of a number of years. During the greater part of this time he has been associate chemist for the American Medical Association. In his new work Mr. Warren will have charge of revising the methods used by government officials in the analysis of drugs.

ADRIAN THOMAS has resigned his position as research chemist with Parke, Davis and Company to accept a position with the Huron Milling Company, of Harbor Beach, Michigan.

LUTHER B. McMILLAN has been appointed chief engineer of Johns-Manville, Inc., in the department of general engineering and research.

C. P. BLACKWELL, formerly chief agronomist of Clemson College, South Carolina, but more recently connected with the staff of the Soil Improvement Committee of the National Fertilizer Association at Atlanta, Ga., has been transferred to the Shreveport, La., office to have charge of work in the western part of the cotton belt.

CLIFTON S. CORBETT, formerly associate professor of geology at the University of Kansas, was recently appointed chief geologist for the Dutch East Indies subsidiary of Standard Oil Co. (N. J.). Headquarters are at Weltevreden, Batavia, Java.

W. J. ROONEY, associate physicist in the U. S. department of terrestrial magnetism of the Carnegie Institution, has left Washington for the Watheroo Magnetic Observatory, Western Australia, to make there earth-resistivity measurements in connection with the earth-current work.

W. A. HAGAN, professor of veterinary pathology and parasitology at Cornell University, has been granted a leave of absence for the purpose of studying in Europe. Professor Hagan has received a fellowship from the International Education Board.

DR. SMITH ELY JELLIFFE has returned to New York after attending the International Meeting of Psychoanalysts in Bad Homburg and the German Society of Psychiatrists and Neurologists in Cassel. He also visited the neurological and psychiatric clinics of Amsterdam, Vienna, Padua, Milan and Genoa.

R. T. WEBBER and P. B. Dowden, entomologists of the U. S. Department of Agriculture, who have been investigating the gipsy moth and the brown-tail moth and their natural enemies in central Europe

during the last six months, have returned to the gipsy-moth laboratory of the Bureau of Entomology at Melrose Highlands. Forest areas and entomologists were visited in Germany, Poland, Austria, Hungary, Yugoslavia, Czechoslovakia, Bulgaria and Roumania.

PROFESSOR GROBER, head of the *Physikalisch-Therapeutische Institut* of the University of Jena, is planning to go next summer to Tenariffe to continue work that Professor Engen Fischer, of Freiburg, has been carrying out on the aborigines of the Canary Islands and representatives of the Cro-Magnon race remaining there.

PROFESSOR I. P. IVANOV, Moscow, is soon to leave for French Guinea for research on anthropoids. He has been offered a place in the Pasteur Institute at Kindia, in French West Africa, where there is a simian colony for research.

THE Prussian Meteorological Institute in Berlin and the Geographical Society in Breslau have invited the scientific collaborator of the Polar Commission attached to the Russian Academy of Sciences, A. I. Tolmatchev, to give lectures on his expeditions to Novaya-Zemlya and the Kolguev Islands.

DR. W. W. GRAVES, professor and director of the department of neurology and psychiatry of the St. Louis University School of Medicine, has returned to St. Louis from a trip to the institutions of learning in the British Isles. While abroad, he gave addresses in the University College, London; University of Aberdeen; Queen's College, Dublin; the Biological Club, Dublin, and the Royal Medical Chirognomy Society of Glasgow. The chief purpose of his visit was a response to an invitation to deliver the Henderson lecture at the University of Edinburgh, which was given on October 16.

PROFESSOR W. M. DAVIS, of Harvard University, gave two lectures under the auspices of the Geographic Society of Chicago on November 13, on "The lessons of the Colorado Canyon, or a glimpse through the corridors of time."

DR. FREDERICK O. BOWER, professor emeritus in the University of Glasgow, recently addressed the biological seminar of Rutgers University on the subject "Evidence of inheritance of acquired characters from ferns."

PROFESSOR ERNEST W. BROWN, professor of astronomy at Yale University, gave a lecture on "The recent solar eclipse and its results" at the Franklin Institute, Philadelphia, on November 18.

DR. JAMES B. CONANT, of Harvard University, will

address a meeting of the Northeastern section of the American Chemical Society on December 11, on "Recent developments in organic chemistry."

DR. ELMER V. MCCOLLUM, professor of biochemistry, Johns Hopkins University School of Hygiene and Public Health, addressed the Marion County Medical Society, Indianapolis, on October 13, following a dinner given in his honor.

DR. C. G. ABBOT, director of the Astrophysical Observatory, Washington, and secretary of the Smithsonian Institution, delivered a popular lecture before the Royal Meteorological Society on November 11 on "Measuring the sun's rays."

ON November 7, the course of scientific lectures conducted by the Royal Canadian Institute opened with the inaugural address of the new president, Dr. J. J. R. Macleod, F.R.S., his subject being "The science of medicine."

THE Huxley Memorial Lecture of the Royal Anthropological Institute will be delivered on November 24, at the Royal Society, by Sir Arthur Evans, who will speak on "Early Nilotic, Libyan and Egyptian relations with Minoan Crete."

DR. B. A. KEEN, assistant director of the Rothamsted Experiment Station, will give on November 25 the ninth lecture of the series "Physics in industry," under the auspices of the Institute of Physics, London. His subject will be "The physicists in agriculture, with special reference to soil problems."

AN appeal has been issued for donations toward a memorial fund of £2,000 which is being raised to perpetuate the memory of the close association of the late Dr. R. Mullineux Walmsley with the Northampton Polytechnic Institute. It is proposed to erect a tablet or other record of the late principal and to endow a Walmsley Memorial Scholarship.

THE bronze bust of the late Surgeon-General William C. Gorgas, to be presented to the state by the Medical Association of the State of Alabama, has been received at the state health department.

DR. FREDERICK B. PECK, professor of geology at Lafayette College, died on November 9 of heart disease. Professor Peck has been connected with Lafayette College since 1892 and was in his sixty-fifth year.

DR. W. R. A. JOYNER, technical adviser in the Nobel Explosive Works, England, died on October 8, as a result of injuries received while carrying out experimental work on explosives.

DR. JOHN ROBERTSON HENDERSON, formerly professor of zoology in the Madras Christian College,

India, and curator of the Madras Museum, died on October 26 at the age of sixty-two years.

PROFESSOR W. KILIAN, professor of geology and mineralogy in the University of Grenoble and member of the Paris Academy of Sciences, has died, aged sixty-three years.

THE next meeting of the American Astronomical Society will be held at the Eastman Research Laboratory, Rochester, N. Y., on January 1 and 2, 1926.

THE metropolitan section of the American Society of Mechanical Engineers held a meeting at the Engineering Societies Building, New York City, on the evening of November 12. Professor L. B. Breckenridge spoke on "Subterranean heat as a source of power," Dr. George Otis Smith on "Heat rich areas of the United States," J. D. Galloway on "Developing natural steam wells at the geysers, California." Other papers were "The thermodynamics of the flow of subterranean heat," by Geo. A. Orrok, and "Volcanism as a source of power," by Frank A. Perret.

A MEETING of the New York section of the American Chemical Society took place on November 6 at Rumford Hall, New York City, when Professor James Kendall, of Columbia University, spoke on "The separation of the rare earths," and C. B. White, of the Metakloth Company, on "A new use for the rare earths."

THE Western New York Branch of the Society for Experimental Biology and Medicine held its sixteenth annual meeting at Cornell University on October 19. Dr. Walter Bloor, of the University of Rochester, was elected president, and Dr. James B. Sumner, of the department of biochemistry at Cornell, was reelected secretary and treasurer of the organization. Among the speakers were Professor Sutherland Simpson, Professor Samuel A. Goldberg, Dr. Joseph A. Dye and Dr. Howard S. Liddell.

DR. AND MRS. C. G. ABBOT sailed on October 31, by Royal Mail Steamer *Orbita*, for England, on the way to the Eastern Hemisphere for the purpose of investigating desirable sites for a new solar radiation station. Dr. Abbot's journey is undertaken at the expense and on behalf of the National Geographic Society which is furnishing a grant for the establishment and maintenance over a period of several years of a solar radiation station similar to those which the Smithsonian Institution is maintaining in California and Chile. Dr. and Mrs. Abbot intend to proceed first to England, where he will lecture before the Royal Meteorological Society, thence to France and Algeria, thence to Egypt and Bombay, India, and to Delhi and to Quetta in Baluchistan. Returning to Bombay, they will proceed

to Durban in Natal, to Cape Town and what was formerly German Southwest Africa, thence returning by way of England to New York. It is probable that the journey will be completed about May 1, 1926.

THE third eclipse expedition to leave the United States for Sumatra to observe the total eclipse of the sun on January 14, 1926, sailed on the *President Harrison* from San Francisco on November 7. The party consisted of Dr. Harlan True Stetson, assistant professor of astronomy of Harvard University, Dr. W. W. Coblentz, physicist of the U. S. Bureau of Standards, Mr. Weld Arnold, explorer from the Amazon Expedition under Dr. Hamilton Rice, and Mr. William A. Spurr, Harvard '25, a student in astronomy. The primary object of the expedition will be the measurements of radiation from the solar corona by means of vacuum thermocouples, and photometric studies of the color and brightness of the corona by photographic methods. The radiometric work will be essentially the same in character as was carried out by the joint party from Harvard University and the Bureau of Standards, at Middletown, Connecticut, last January 24, but with improved equipment. The apparatus, consisting of a specially modified reflecting telescope of 20-inch aperture with radiometric and photometric accessories, left Boston on the *President Harrison* on October 7. The party will establish headquarters at Benkoelen on the west coast of Sumatra, and is due to arrive there about December 20. At Benkoelen also will be located the expedition from Swarthmore College.

THE manuscript for Professor Strand's "Biographical Entomological Dictionary," notice of which appeared in *SCIENCE* for November 7, 1924, page 431, will be sent to the press during the Christmas holidays. Any entomologists or arachnologists who have not yet submitted a sketch of their lives are urged to do so without delay. Sketches may be sent direct to Professor Embrik Strand, director of the Systematic Zoological Institute, Universität of Kronvalda bulvars 9, Riga, Latvia. Professor H. P. K. Agersborg, James Millikin University, Decatur, Illinois, or Professor C. L. Metcalf, University of Illinois, Urbana, Illinois, Natural History Building, will forward such sketches.

THE eighteenth annual meeting of the American Institute of Chemical Engineers will be held at the Hotel Sinton, Cincinnati, Ohio, from December 2 to 5. The local committee in charge of the meeting includes G. C. Smith, *chairman*; H. J. Morrison, Finance; R. S. Tour and G. D. McLaughlin, Papers; A. Campbell, Hotels; C. P. Long and C. B. Cluff, Entertainment; P. Thompson, R. F. Reed, E. R. Theis, W. P. Bande, K. F. Ludwig and L. A. Stegemeyer. Mrs. H. J.

Morrison heads the Ladies' Committee and Miss Aimee V. Pace is the official hostess of the City of Cincinnati. Thomas Quinlan, the convention director of the Cincinnati Chamber of Commerce, will also assist the committee.

At the Sixth Congress of the Far Eastern Tropical Medicine Association, which was opened at Tokyo on October 12, it was decided at its closing session that the next congress should be held in India.

THE New York Tuberculosis and Health Conference is being held from November 19 to 20 at the Hotel Biltmore and the Academy of Medicine, New York City. Some of the speakers are Dr. William H. Welch, director, School of Hygiene and Public Health, the Johns Hopkins University, Baltimore; Dr. Theobald Smith, president of the National Tuberculosis Association; Dr. Livingston Farrand, president of Cornell University; Dr. Allen K. Krause, the Johns Hopkins University Medical Department; Dr. Charles J. Hatfield, of the Henry Phipps Institute, Philadelphia; Dr. Lawrason Brown, of the Trudeau Sanatorium, Saranac Lake; Dr. Edward W. Archibald, McGill University Faculty of Medicine, Montreal; Dr. Frankwood E. Williams, of the National Committee for Mental Hygiene; Dr. Sanger Brown, of the New York State Commission for Mental Defectives; Dr. Frank J. Monaghan, New York City Commissioner of Health; Dr. Matthias Nicoll, Jr., New York State Commissioner of Health, and Surgeon-General Hugh S. Cumming, U. S. Public Health Service.

THE Sigma Xi Alumni Association of the University of Pittsburgh, the secretary of which is Dr. Richard Hamer, held its first meeting for the year 1925-26 on November 9. A program was presented by the chemistry department, as follows: "Some developments in microscope illumination," A. Silverman; "Recent progress in electro-organic chemistry," A. Lowy; "Electrolytic reduction of salicylic acid to salicylaldehyde," K. S. Tesh; "Electrode potentials," G. Stegeman; "Contact catalysis," C. J. Engelder; "Colorimetric analysis through the use of the selenium cell," E. V. Hjort, and "Phosphorus compounds in plants," C. G. King.

IN a recent note (SCIENCE, LXII: 412-413. 1925) concerning the program of the International Congress of Plant Sciences to be held in Ithaca, N. Y., in August, 1926, no secretary was named for the taxonomy section. It may now be announced that Professor K. M. Wiegand, of Cornell University, will act as secretary of this section. All communications concerning sectional matters should be addressed to him.

THE Boston Society of Natural History is planning a series of radio talks on various subjects in natural

history which will be broadcast on alternate Wednesday evenings at half past seven, from the Westinghouse Electric Company station WBZ at Springfield, Mass., and WBZA at Boston. Mr. Thornton W. Burgess has kindly allowed the use of part of the weekly half hour allotted to him by these stations for his "Burgess Radio Nature League," and the actual broadcasting will be under his supervision. While the plan calls for popular talks suitable for the younger generation they are also prepared to interest older persons and will be given to specialists in several fields so that there will be no question about the accuracy of the material presented. A large number of these talks will be given by the museum staff, others by members of the society and some by the staff of the Museum of Comparative Zoology at Harvard University. Among those already on the program are Dr. John C. Phillips, Dr. Glover M. Allen, Dr. Thomas Barbour, Mr. C. W. Johnson, Dr. H. B. Bigelow and Dr. Francis Harper, the new secretary of the society.

THE editor of SCIENCE has received several criticisms of the advertisement printed in SCIENCE entitled "The Soul of Motion." This is an interesting and ingenious toy, based on the principle of a differential thermometer. The advertisement in SCIENCE, beginning with the statement "The Soul of Motion is equivalent to creative life" and continuing with the statement that it explains colloids, the Brownian movement, radium emanations, etc., was intended to attract attention to the toy, but a number of the readers of SCIENCE appear to have supposed that the statements were intended to be taken seriously.

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## UNIVERSITY AND EDUCATIONAL NOTES

WE learn from *Industrial and Engineering Chemistry* that in the will of the late Mrs. E. B. Eddy the sum of \$200,000 was provided to establish a chair of industrial chemistry at McGill University, Montreal, and that the Hon. George Elie Amyot, legislative councilor of the province of Quebec, has donated \$100,000 to Laval University for the endowment of a chair of chemistry in the recently established school of chemistry.

PROFESSOR RUFUS L. GREEN has been made head of a new department of mathematics at Stanford University which has been formed by the combination of the mathematics department and a portion of the department of applied mathematics. Some of the courses and faculty members of applied mathematics have been transferred to the new School of Engineer-