

department of mathematics at Princeton University and was for twenty years dean of the department of science. The money for the erection and an endowment of \$150,000 for its upkeep were given shortly after Dean Fine's death in 1928 by the late Thomas D. Jones and his niece, Miss Gwethalyn Jones, of Chicago.

The new structure is in the southeastern portion of the campus, adjoining and connected with the Palmer Physical Laboratory. It is built of red brick and limestone and was designed by Charles Z. Klauder, of Philadelphia, in collegiate Gothic style to conform with neighboring campus buildings. Overstuffed chairs and davenports take the place of chairs and

desks and the classrooms are fitted out after the manner of private studies.

Mathematical formulae have been used as decorative motifs of the building. Designs on some of the windows include the Newtonian equation of gravitation, formulae of Einstein, two equations on the quantum theory, the five perfect solids and spheres and the three conic sections. Over the fireplace in the common room is engraved a German quotation from Einstein.

Preceding the dedication, Professor Gilbert A. Bliss, of the University of Chicago, and Professor George D. Birkhoff, of Harvard University, read papers in one of the lecture rooms. Both are former teachers at Princeton University.

SCIENTIFIC NOTES AND NEWS

THE corner-stone of the New York State Theodore Roosevelt Memorial at the American Museum of Natural History was laid by Governor Franklin D. Roosevelt on October 27.

THE Baly Medal of the Royal College of Physicians, which was awarded to Dr. Walter Bradford Cannon, professor of physiology in the Harvard Medical School, will be presented to him in November, as announced by Lord Dawson of Penn at the annual Harveian commemoration of the college on October 18. The Harveian oration was delivered by Dr. Robert Hutchison on "Harvey, the Man and His Methods: A Message for Us To-day."

IN recognition of his research work in dental nutrition, Dr. Percy R. Howe, professor of dental science in Harvard Medical School, director of the Forsyth Dental Infirmary and past president of the American Dental Association, has been awarded the 1931 Fauchard medal presented by *Dental Survey*.

AT the forty-second annual meeting of the German Pediatric Society, Dr. Alfred F. Hess, of New York, and Dr. Henry J. Gerstenberger, of Cleveland, were elected to honorary membership.

A DINNER in honor of Dr. Charles Wardell Stiles will be given at the Cosmos Club, Washington, on November 7. Dr. Stiles retired from active duty in the U. S. Public Health Service on October 1, after more than forty years of service in the government.

THE first Joseph Henry Lecture under the auspices of the Philosophical Society of Washington was given at the Cosmos Club, Washington, by President Joseph S. Ames, of the Johns Hopkins University, on October 24. His subject was "Certain Aspects of Henry's Experiments on Electro-Magnetic Induction."

DR. WILLIAM H. WELCH, professor emeritus of the

history of medicine at the Johns Hopkins Medical School, spoke on October 23 at the first of an annual series of "Field Nights" to be held by the University Club, of which he is president. Dr. Welch, who recently returned from abroad, spoke on European medical and scientific congresses and celebrations, at several of which he was the principal speaker and guest of honor.

DR. T. M. BRODERICK, for the past eleven years chief geologist of the Calumet and Hecla Mining Company and previously assistant professor of geology at the University of Minnesota, has been appointed research professor of geology at the Michigan College of Mining and Technology. He retains his connection with the mining company; at the college he will devote most of his attention to investigating the utilization of low-grade iron ores. Further appointments are: Dr. Irwin Roman, formerly on the staff of Vanderbilt University and later mathematical physicist with the Geophysical Research Corporation, as assistant professor of mathematics and physics; Dr. F. A. Rohrman, of Columbia University, as assistant professor of chemical engineering; E. W. Schilling, of Iowa State College, as assistant professor of electrical engineering; H. W. Risteen, of the University of Wisconsin, as assistant professor of mechanical engineering; Dr. L. W. Eastwood, E. J. Townsend, T. R. Maki, William Gertz and Lloyd Staples, as instructors in various technical departments.

DR. JAMES A. CRABTREE, director of the division of preventable diseases in the Tennessee state department of health, has been appointed assistant professor of epidemiology at the Johns Hopkins University School of Medicine.

MISS E. KATHARINE WRIGHT, formerly associate

professor of chemistry at North Carolina College, Greensboro, N. C., is now professor of chemistry at Constantinople Woman's College.

DR. ARTHUR J. MIX, professor of botany at the University of Kansas, has been made head of the department.

DR. J. H. HOSKINS, associate professor of botany at the University of Cincinnati, has been made chairman of the department of botany.

MR. JOHN T. SANFORD, curator of geology and paleontology of the Buffalo Museum of Science, has become instructor in geology at the University of Rochester.

MR. R. W. SANDELIN has been appointed instructor in the chemistry department, Georgia School of Technology, Atlanta, Georgia.

THE Medical Fellowship Board of the National Research Council, of which Dr. G. Carl Huber is chairman, has made the following appointments of fellows in medicine for the year 1931-32: Louis B. Laplace, Paul E. Steiner, Phillips Thygeson and Cecil J. Watson. The spring meeting of the board will be held in the latter part of March, 1932, and applications to be considered at that time should be filed on or before February 15.

W. RUDYERD BOULTON, formerly a member of the staff of the Carnegie Museum of Pittsburgh, has been appointed assistant curator of birds in the department of zoology at the Field Museum of Natural History.

DR. STANLEY HARCOURT PEPPARD, formerly of New York, has been appointed director of the bureau of mental hygiene of the state department of health of Connecticut. He succeeds Dr. James L. McCartney.

MR. R. F. MEHL, superintendent of the division of physical metallurgy of the Naval Research Laboratory in Washington, has been appointed assistant director of research and head of the physical science department of the American Rolling Mill Company, of Middletown, Ohio.

ROGER W. TRUESDAIL, formerly assistant professor of chemistry in Pomona and Claremont Colleges, has resigned and established a consulting and research practice in biological and nutritional chemistry in Los Angeles.

ENGINEER CAPTAIN J. B. PULLIBLANK has been appointed a naval aide-de-camp to the King of England, from September 8, in succession to Engineer Captain R. Beeman, who has been promoted to engineer rear-admiral.

HAVING reached the statutory age for retirement, Mr. H. A. Hunt has retired from the position of

meteorologist to the Commonwealth of Australia. Mr. W. S. Watt has been appointed his successor.

DR. LERICHE, professor of clinical surgery at Strasbourg University, has been appointed professor of external pathology of the medical faculty of the University of Lyons.

MR. BEN P. BOLE, JR., Cleveland, Ohio, has returned from the Olympic Peninsula of Washington with more than 600 specimens of small North American mammals and a 550-pound bear for the American Museum of Natural History. He was accompanied by Mr. Frank C. Hibben, of the museum staff.

PROFESSOR BERNHARD NOCHT, formerly director of the Tropical Institute at Hamburg, has gone to Brazil to study leprosy, at the request of the League of Nations.

DR. HILMAR ØDUM, of the Geological Survey of Denmark, Copenhagen, has been in Washington studying Eocene and Upper Cretaceous fossils at the National Museum and the organization and methods of the ground water division of the Geological Survey.

DR. J. F. VAN BEMMELN, professor emeritus in zoology at the University of Groningen, Holland, arrived in New York on October 20. He will give a series of lectures in Boston.

DR. C. B. BRIDGES, of the Carnegie Institution of Washington, working at the California Institute of Technology, gave an address on "Genic Balance and Related Problems" at a meeting of the Genetical Society, London.

DR. ALFRED V. KIDDER gave a lecture at the Carnegie Institution of Washington on October 27 on "The Survey of Yucatan; a Cooperative Study of the Maya Indians, Ancient and Modern."

DR. ARNOLD GESELL, of Yale University, has delivered a lecture on "The Psychology of Growth," illustrated with motion pictures, at the New School for Social Research. Dr. Joseph Jastrow introduced the speaker.

ON October 15 and 16, three lectures were delivered at the University of Michigan by Professor R. Woltereck, of the University of Leipzig. The titles were as follows: "Genetics and the Biology of Lakes and Islands"; "Present State of the Marine and Freshwater Biology in Europe"; "Stratification, Movement and the Shape of Pelagic Cladocera."

THE following illustrated popular lectures on astronomy are being given at Los Angeles, under the auspices of the Astronomical Society of the Pacific and the Mount Wilson Observatory of the Carnegie Institution of Washington: November 20, "What

Happens in Sun Spots?" Dr. Henry Norris Russell, of Princeton University; December 18, "The System of the Stars," Dr. Joel Stebbins, of the University of Wisconsin; January 6, "The Size of the Universe," Dr. Willem de Sitter, of the University of Leyden; February 19, "The Stars about Us," Dr. Frederick H. Seares, of the Mount Wilson Observatory; March 18, "What Astronomy has Done for the World," Dr. Russell Tracy Crawford, of the University of California; April 15, "Mars," Dr. Mars F. Baumgardt, of the Southern California Academy of Sciences.

THE recently formed section of hydrology of the American Geophysical Union announces the organization of a committee on the hydrology of glaciers, composed of the following men: Dr. Stephen R. Capps, senior geologist, Alaska branch, U. S. Geological Survey; Dr. Harry Fielding Reid, professor emeritus of dynamic geology, Johns Hopkins University; G. L. Parker, district engineer, water resources branch, U. S. Geological Survey; Carl P. Richards, chairman of the research committee of the Mazamas, Portland, Oregon; R. H. Sargent, senior topographic engineer, Alaska branch, U. S. Geological Survey; Dr. Wallace R. Atwood, assistant, branch of research and education, National Park Service; François E. Matthes, senior geologist, section of glacial geology, U. S. Geological Survey, chairman. The functions of the committee correspond in general to those of the Glacier Commission appointed by the section of scientific hydrology of the International Geodetic and Geophysical Union in Europe and will consist principally in securing systematic records of the annual variations of American glaciers.

THE Botanical Society of New Orleans held its first meeting of the season of 1931-32 on October 20. Dr. Robert Glenk, curator of the Louisiana State Museum, presented a paper on "Some Facts about Perfume-yielding Plants," illustrating his discussion with slides and with a selected set of specimens of the raw materials representing the basic perfume types. The ensuing business meeting dealt principally with the

program for the coming year and with plans for the coming New Orleans meeting of the American Association for the Advancement of Science.

THE will of the late Senator Dwight Whitney Morrow contains the following provisions: (e) To the trustees of Amherst College, a body corporate established by law in the Commonwealth of Massachusetts, two hundred thousand dollars (\$200,000). Without limiting such trustees' discretion in their use of this absolute bequest, I here mention my preference that this bequest be added to the general endowment of the college, the income to be applied to the maintenance and, if possible, to the increase of professors' salaries at such college; (f) To the trustees of Smith College, a corporation established by law in the Commonwealth of Massachusetts, two hundred thousand dollars (\$200,000), to be part of the endowment funds of such college; (g) To the Smithsonian Institution, city of Washington, D. C., one hundred thousand dollars (\$100,000), to be part of its endowment funds; (h) To the trustees of Columbia University in the city of New York, fifty thousand dollars (\$50,000), to constitute a fund, the income of which is to be applied, from time to time, to the uses and purposes of its School of Law; (i) To the Union Theological Seminary in the city of New York, fifty thousand dollars (\$50,000), to be part of its endowment funds.

SEVEN members of the privately financed exploration and filming expedition to Colombia and Ecuador, known as the Latin-American Expedition, Inc., sailed on September 26 for Panama on the Grace liner *Santa Maria*, for seven months' intensive research, with Dr. Matthew W. Stirling, of the Smithsonian Institution, as chief of the scientific division. Dr. Stirling is to conduct an investigation at the headwaters of the Magdalena River of the ancient monoliths, which he believes may furnish a clue to the riddle of the migration of the early peoples in the Western Hemisphere. It is also planned to explore the Napo River in Ecuador and to study the habits of the Jivaro Indians, who are known as head hunters.

DISCUSSION

COURSES ON THE HISTORY OF PHYSICS IN AMERICAN COLLEGES AND UNIVERSITIES¹

IN 1921 a survey was made of the instruction being given in the history of the sciences in American colleges and universities.² Information was gathered

by means of questionnaires that had been sent to about four hundred institutions and it was found that there was considerable interest in the historical development of the various branches of science. There were numerous replies expressing the hope that there would be a further expansion of this field of study.

¹ Read before the Ohio Academy of Science, April 4, 1931.

² E. H. Johnson, "The Present Status of the History of Science in American Colleges and Universities," *SCIENCE*, n.s., LVI: pp. 585-595, December 16, 1921.