

GAMMA ALPHA GRADUATES SCIENTIFIC FRATERNITY.—Will meet on dates to be announced. President, Professor W. J. Meek, University of Wisconsin; recorder, L. C. Johnson, 2018 Madison St., Madison, Wis.

SOCIETY OF THE SIGMA XI.—December 27. President, Dr. Charles S. Howe, Case School of Applied Science; secretary, Professor Henry B. Ward, University of Illinois, Urbana, Ill.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS.—December 29 and 30. President, Dr. John H. Wigmore, Northwestern University; secretary, Dr. H. W. Tyler, Massachusetts Institute of Technology.

SCIENTIFIC NOTES AND NEWS

THE following is a list of those recommended by the president and council of the Royal Society for election at the anniversary meeting on November 30: *President*, Sir J. J. Thomson, O.M., M.A., D.Sc., LL.D.; *Treasurer*, Sir A. B. Kempe, M.A., D.C.L.; *Secretaries*, Professor A. Schuster, Sc.D., Ph.D., and W. B. Hardy, M.A.; *Foreign Secretary*, Professor W. A. Herdman, D.Sc.; *Other Members of the Council*, Professor J. G. Adami, M.D., H. T. Brown, LL.D., Dugald Clerk, D.Sc., Professor A. R. Cushny, M.D., Professor A. Dendy, D.Sc., Professor P. F. Frankland, LL.D., Professor J. W. Gregory, D.Sc., H. Head, M.D., J. H. Jeans, Major H. G. Lyons, Major P. A. McMahon, D.Sc., Professor F. W. Oliver, D.Sc., Professor C. S. Sherrington, M.D., Professor A. Smithells, B.Sc., Hon. R. J. Strutt, M.A., and R. Threlfall, M.A.

As has been noted in SCIENCE Dr. Wilhelm Waldeyer, professor of anatomy at the University of Berlin since 1883, was raised to the hereditary peerage on the occasion of his eightieth birthday on October 6. The *Journal* of the American Medical Association states that a bronze portrait plaque was presented to him by his present and former pupils, and a duplicate was hung in the headquarters of the Postgraduate Instruction System. He has been chairman of the central committee of this work for many years. The Leopold-Karolinische Akademie of Halle presented him with the gold Cothenius medal, and honorary memberships in various scientific and

other societies poured in on him. He announced that although he was thinking of retiring from his teaching chair at the university at the close of this semester, yet he intended to keep up his other work.

SIR FRANK DYSON, astronomer royal, Professor R. A. Sampson, astronomer royal for Scotland and professor of astronomy in the University of Edinburgh, and Professor H. C. Plummer, astronomer royal of Ireland and Andrews professor in the University of Dublin have been elected honorary members of the British Optical Society.

DR. HENRY HEAD, F.R.S., physician to the London Hospital and editor of *Brain*, has been added to the government committee which, under the chairmanship of Sir J. J. Thomson, president of the Royal Society, is inquiring into the position occupied by natural science in the educational system of Great Britain, especially in secondary schools and universities.

At a recent meeting of the Royal Astronomical Society, Mrs. R. A. Proctor, widow of the astronomer Richard A. Proctor, was formally admitted as fellow of the society. Exactly 50 years ago, in November, 1866, the late Richard A. Proctor was elected to fellowship.

THE University of London has awarded the Rogers prize of £100 for 1916, for an essay on "The Nature of Pyrexia and Its Relation to Microorganisms" to Dr. J. L. Jona.

THE trustees of the Massachusetts Horticultural Society have awarded the George Robert White Medal of Honor for the year 1916 to William Robinson, of Gravetye Manor, Sussex, England. The medal, by John Flanagan, is of coin gold, weighs 8½ ounces and was struck at the mint of the United States, Philadelphia. This is the eighth award of this medal made by the society in recognition of eminent service in the advancement of horticulture. Previous awards have been made to Professor C. S. Sargent, of the Arnold Arboretum; Jackson T. Dawson, Victor Lemoine, of Nancy, France; Michael H. Walsh, the rose specialist of Woods Hole; Sir Harry J. Veitch, of London, and Ernest H. Wilson. William Robinson, to whom the medal is now

awarded, has done much, especially through his writings in horticultural literature, as an exponent of the natural style of flower gardening as opposed to the formal bedding and ribbon borders of former years.

THE *Frankfurter Zeitung*, as quoted by the *Journal* of the American Medical Association, has published a statement to the effect that Professor W. Kolle, chief of the Institute for Bacteriology and Hygiene of the University of Bern, has been called to Frankfurt as successor to Ehrlich in the Institute for Experimental Therapy and also in the G. Speyer-Haus. Professor Wassermann, of Berlin, was called first, but he yielded to pressure from the local scientific authorities and finally declined. Professor Hans Sachs, Ehrlich's co-worker, has been appointed director of the Institute for Experimental Therapy, and Professor Morgenroth of the Charité, Berlin, is being considered for director of the Speyer Institute.

PROFESSOR A. S. HITCHCOCK, systematic agrostologist, U. S. Department of Agriculture, has returned from a five months' tour of the Hawaiian Islands. He explored in considerable detail the islands of Hawaii, Maui, Molokai, Lanai, Oahu and Kauai, and brought back important collections of plants. He was accompanied by his son, Albert E. Hitchcock, as assistant.

DR. WAICHIRO OCADO, professor of medicine at the University of Tokyo, is making a tour of inspection of the hospitals of the United States.

At the meeting of the Royal Statistical Society held on November 21, the president, Sir Bernard Mallet, delivered his presidential address on "The Organization of Registration in its Bearing on Vital Statistics."

THE Mineralogical Society, London, has elected the following officers: *President*, Mr. W. Barlow; *Vice-presidents*, Professor H. L. Bowman and Mr. A. Hutchinson; *Treasurer*, Sir William P. Beale, Bart.; *General Secretary*, Dr. G. T. Prior; *Foreign Secretary*, Professor W. W. Watts; *Editor of the Journal*, Mr. L. J. Spencer.

THE Geographical Society of Philadelphia celebrated the twenty-fifth anniversary of its founding at the Academy of Natural Sciences on Wednesday evening, December 6. The address of welcome was given by Dr. Samuel G. Dixon, president of the Academy of Natural Sciences, and addresses were made on "Men and Memories of the Early Days of the Society" by Mr. Henry G. Bryant, president of the Geographical Society, and on "Past and Future of the Society," by Dr. Talcott Williams, director of the school of journalism, Columbia University. A reception was held afterwards in the Library Hall of the academy.

DR. W. F. HILLEBRAND, chief chemist of the Bureau of Standards, Washington, D. C., lectured at Columbia University, on November 27, on "Analytical Chemistry and Its Possible Future." This was the second lecture on the Chandler Lecture Fund which was established by former students of the university in honor of Dr. C. F. Chandler, Mitchell professor emeritus of chemistry.

DR. HENRY H. DONALDSON, of the Wistar Institute of Anatomy, will give the fourth Harvey lecture in the New York Academy of Medicine on the evening of December 16. The subject of the lecture is "Growth Changes in the Mammalian Nervous System."

A BUST of John Muir was unveiled at the University of Wisconsin on the evening of December 6. The bust was presented by Mr. T. E. Brittenham to the university where Muir was a student for four years. Dean E. A. Birge presided, and addresses were made by Regent Charles H. Villas and President Charles R. Van Hise.

IN the eighth Kelvin lecture, delivered before the Institution of Electrical Engineers, Dr. Alexander Russell dealt with some aspects of his subject's life and work which are of special interest to engineers.

AN exhibition and sale of water-color sketches by the late Professor Silvanus P. Thompson, the distinguished physicist, was held at the rooms of the Alpine Club, London, from November 27 to December 10.

It is planned to erect at the University of Vermont a memorial to the late Professor N. S. Merrill, of the department of chemistry. A committee for this purpose has been appointed by the Alumni Association with Professor E. C. Jacobs as chairman.

THE graduating class of the Long Island College Hospital presented to the college, on December 4, a photographic portrait of the late Dr. Joseph H. Raymond, formerly secretary of the faculty and professor of hygiene. Dr. John D. Rushmore made the address of acceptance.

DR. MARTIN I. WILBERT, assistant in the division of pharmacology of the hygienic laboratory, died suddenly in Philadelphia on November 25. By virtue of his work in the preparation of "The Digest of Comments on the U. S. Pharmacopoeia and National Formulary" and his services in the American Medical Association and the American Pharmaceutical Association, Dr. Wilbert was among the most influential men in his profession.

CHARLES ALFRED PITKIN, professor of mathematics and physics at Thayer Academy, South Braintree, since its opening in 1877, died on November 5, aged sixty-three years.

THE death is announced, at the age of sixty-eight years, of Dr. C. A. Harrison, for many years engineer in chief of the Northeastern Railway of Great Britain.

C. S. HÄGLER, a leading surgeon and bacteriologist of Basel, Switzerland, connected with the university but prevented by deafness from a full professorship, has died from cancer, at the age of fifty-four years.

K. B. PONTOPPIDAN, professor of nervous and mental diseases and later of forensic medicine at the University of Copenhagen, has died at the age of sixty-three years. He was one of the pioneers in the modern treatment of the insane, and has been at the head of the Aarhus asylum since 1898.

THE trustees of the Elizabeth Thompson Science Fund announce their readiness to consider applications for grants in aid of scientific work. Appropriations are restricted to non-

commercial enterprises, and are intended solely for the actual expenses of the investigation, not for the support of the investigator nor for the ordinary costs of publication. Grants are made only for those researches, not otherwise provided for, whose object is broadly the advancement of human knowledge; requests for researches of a narrow or merely local interest will not be considered. Usually grants are not made in excess of three hundred dollars. Applications for grants from this fund should be accompanied by a full statement of the nature of the investigation, of the conditions under which it is to be prosecuted, and of the manner in which the appropriation asked for is to be expended. The application should be sent to the secretary of the board of trustees, Dr. W. B. Cannon, Harvard Medical School, Boston, Mass., who will furnish further details.

THE University of Washington campus has been selected as the site of the government mining and metallurgical station for the Pacific Northwest states. Congress has voted an appropriation of \$25,000 a year for the maintenance of the station which will serve Washington, Oregon, Idaho, Montana and the coastal regions of Alaska from Ketchikan to Nome. The interior of Alaska will be served by a Fairbanks station. Dorsey A. Lyon, a graduate of Leland Stanford, Jr., University, formerly professor of mining engineering at the University of Washington, a specialist in electro-metallurgy, will be in charge of the station.

WE learn from the *Journal of Industrial and Engineering Chemistry* that Director Joseph E. Ralph, of the U. S. Bureau of Engraving and Printing, has made public the plan of the Bureau of Chemistry in its establishment of an experimental dye laboratory, for which Congress appropriated \$50,000, the location of which will be on the government's property in Virginia just across the Potomac from Washington. Director Ralph has arranged with Dr. Alsberg to give a practical test to all the colors produced by this experimental laboratory.

BEQUESTS of more than \$100,000 each have been left to the Metropolitan Museum of Art

and the American Museum of Natural History by the late James Gaunt, American representative of A. & F. Pears, of London. The bequests are to be paid upon the death of Mr. Gaunt's brother.

UNIVERSITY AND EDUCATIONAL NEWS

THE Carnegie Corporation of New York has appropriated \$1,038,500 for the use of the Carnegie Institute, Pittsburgh, according to an announcement made at a meeting of the board of trustees by Mr. Samuel H. Church, the president. The Carnegie Institute of Technology will receive \$956,000, while \$52,500 will be used for the improvement of the Museum of Fine Arts department and the Carnegie Library School, and \$30,000 for contingent expenses. The appropriation makes the total benefaction of Mr. Andrew Carnegie in this connection \$28,000,000.

MR. JAMES A. PATTEN, vice-president of the board of trustees of Northwestern University, has made a gift of \$134,000 to the university. Of this sum \$74,000 will be used as an endowment for the gymnasium, of which Mr. Patten is the donor, and \$60,000 as a loan fund for students.

It is announced from Swansea that Messrs. Baldwins (limited) have given £10,000 to the Technical College there for the endowment of a chair of metallurgy.

THE Chemical Institute of the University of Munster has recently been enlarged and has received an endowment for research. The Prussian parliament voted an appropriation for the purchase of machinery, books and other equipment and a number of metal and dynamic firms have raised additional sums.

THE research departments of Johns Hopkins Medical School are being transferred to the new Hunterian Laboratory Building, located at the corner of Wolfe and Madison Streets. The building is five stories in height, constructed of red brick with sandstone trimmings, and will house the school library and all research laboratories.

THE Case School of Applied Science has arranged an extended course in illuminating engineering with the cooperation of the National Lamp Association, a branch of the General Electric Company, with its headquarters in Cleveland.

THE building of the Indiana University School of Medicine at Indianapolis was damaged by fire on December 7, to the extent of \$50,000. A meeting of the trustees has been called to decide whether it is advisable to restore the building or to erect a new building on the grounds of the Robert W. Long Hospital, which is under the control of the university.

ADDITIONS to the instructing staff at the Massachusetts Institute of Technology made by the corporation at its last meeting concerned very largely the new stations for the course in chemical engineering practise. The assistant professors and directors have already been announced; their assistants, who have the grade of instructors are: At Bangor, Wilfred Arthur Wylde; at Everett, William Butler Leach, Jr.; at Niagara Falls, Winthrop Earle Caldwell; at Stamford, Edwin Shellabarger Wallace, and at Allentown, Penna., John Shirley Little. Other appointments are: Frank C. Sheperd, lecturer on valuation of public service and other corporations in the department of civil engineering; Claire W. Ricker and Rudolph F. Zecha, instructors in electrical engineering; Edmond W. Bowler, research assistant in electrical engineering; Azel W. Mack, research assistant in applied chemistry, and Murray P. Horowitz, assistant in biology.

DR. H. H. LLOYD is lecturing on physical chemistry at the Johns Hopkins University, temporarily filling the vacancy caused by the death of Dr. Harry C. Jones.

J. F. WILSON, formerly instructor in electrical engineering at the University of Michigan, has been appointed professor of electrical engineering at Queen's University to take the work of Professor L. W. Gill while the latter is in active military service.