

bridge; Dr. J. Y. Simpson, Edinburgh; Professor J. A. Thomson, Aberdeen.

France: Professor Raphael Blanchard, Paris; Professor C. Depéret, Lyon; Baron L. Dubreton, Paris; Professor Ch. Gravier, Paris; Baron de Guerne, Paris; Dr. Gustave Loisel, Paris.

Germany: Professor Wilhelm Blasius, Brunswick; Dr. Marcellin Braun, Königsberg; Professor Valentin Haecker, Stuttgart; Professor Richard Hertwig, Munich; Dr. Richard Heymons, Berlin; Dr. Max Luehe, Königsberg i. Pr.; Professor Otto Maas, Munich; Professor Ludwig Rhumbler, Münden; Professor Hugo H. Schauinsland, Bremen.

Belgium: Professor Paul Pelseneer, Ghent.

Holland: Dr. Johannes Buettikofer, Rotterdam; Professor A. A. W. Hubrecht, Utrecht; Professor J. W. van Wijhe, Groningen; Dr. J. Versluys, Jr., Amsterdam.

Austria: Professor Ludwig von Graff, Graz; Dr. J. F. Gudenatch, Czernowitz; Dr. F. de Marassovich, Scardona, Dalmatia; Professor Alois Mrázek, Prague; Dr. Hans Przibram, Vienna.

Hungary: Professor Istvan von Apáthy, Koloszvár; Dr. Géza v. Horváth, Budapest.

Switzerland: Dr. Herbert H. Field, Zurich; Professor Otto Fuhrmann, Neuchâtel; Dr. C. Linder, St. Imier; M. B. P. Merian, Basel; M. P. Revilliod, Geneva; Professor Theophil Studer, Berne; Professor Emile Yung, Geneva.

Russia: Dr. W. Dantchakoff, St. Petersburg; K. Derjugin, St. Petersburg; Professor Evgenij P. Golovin, Kazan; Professor G. A. Koshewnikov, Moscow; Dr. A. Maximow, St. Petersburg; Dr. N. Samssonow, St. Petersburg.

Italy: Count Filippo Cavazza, Bologna; Professor Alessandro Ghigi, Bologna; Count J. A. Salinas, Bologna; Dr. J. Wilhelmi, Naples.

Norway: Miss K. Bonnevie, Christiana.

South America: Professor Emilio A. Goeldi, Para, Brazil.

Asia: Dr. J. C. Ferguson, Shanghai; Dr. S. Watasé, Tokyo.

SCIENTIFIC NOTES AND NEWS

SIR ARCHIBALD GEIKIE has been made Knight of the Most Honorable Order of the Bath (Civil Division).

At the Toronto meeting of the American Chemical Society, the council decided that the offices of editor and secretary should be separated. Professor W. A. Noyes, of the University of Illinois, retains the editorship of the *Journal of the American Chemical Society* and of *Chemical Abstracts*, and Dr. Charles L. Parsons, head of the Chemical Department of the New Hampshire College and secretary of the Section of Chemistry of the American Association for the Advancement of Science, has been elected to the secretaryship.

PROFESSOR J. J. STEVENSON, of New York University, and Professor W. M. Davis, of Harvard University, are among the Americans who will attend the celebration of the centennial of the foundation of the Geological Society, London, which will take place at the end of next month.

THE resignation of Mansfield Merriman as professor of civil engineering in Lehigh University takes effect on August 31. After this date he will devote most of his time to professional practise as a consulting engineer, his office and address being at 45 Broadway, New York.

DR. T. W. RICHARDS, professor of chemistry at Harvard University, having completed his work in Berlin in connection with the plan for an exchange of professors between the two universities, sailed for America from England on August 19.

DR. GEORGE M. KOBER, dean of the Medical Department of Georgetown University, sailed from Baltimore for Bremen on August 14.

DR. WALTER WYMAN, surgeon general of the Public Health and Marine Hospital Service, is chairman of the International Sanitary Bureau, which meets in the City of Mexico during the first week of September next.

At the recent congress of School Hygiene in London, the committee appointed to arrange for the next congress, to be held in Paris in 1910, consists of the following members: *Great*

Britain: Professor Osler, Dr. Kerr, Mr. White Wallis and Mr. Cloudesley Brereton. *British Colonies:* Sir John Cockburn, K.C.M.G. *Switzerland:* Dr. F. Zollinger (Zurich). *France:* M. Sigalas (Bordeaux), Professor Lefevre (Lille), and Professor Chabot (Lyons). *Belgium:* Dr. Decroby. *Russia:* Professor Chlopine. *Portugal:* Professors Saccadura and Curry Cabral. *United States:* Dr. Walcott, Dr. Gulick, Professor Da Costa.

DR. J. WALTER FEWKES, of the Bureau of American Ethnology, will undertake the work of excavation, preservation and repairs in connection with the cliff dwellings and other prehistoric ruins in the Mesa Verde National Park, Colorado. The Mesa Verde National Park was created by act of congress approved June 29, 1906. It is on the border of the Montezuma valley, just south of the ancient Montezuma road, and contains some of the best preserved relics of the prehistoric cliff dwellers in the country. Dr. Fewkes is to have the direction of the scientific work of unearthing and preserving the Mesa Verde ruins and an adequate sum has been allotted by the Interior Department for the purpose. He will proceed to Colorado after the completion of extensive excavations at Casa Grande, Arizona. This work is undertaken jointly by the Department of the Interior and the Smithsonian Institution.

MR. E. W. BERRY is engaged in the study of the paleobotany of the Coastal Plain deposits under the auspices of the U. S. Geological Survey.

MR. H. B. KUMMEL, state geologist of New Jersey, and Mr. M. L. Fuller, of the U. S. Geological Survey, have completed an extended review of the Cretaceous, Tertiary and Pleistocene formations of New Jersey, in connection with the cooperative investigations and correlation of the Atlantic and Gulf Coastal Plain deposits by the United States and the various State Surveys under the direction of Mr. Fuller.

AN investigation of the maximum glaciation of the Sierra Nevada is being made by Willard D. Johnson, geologist of the United States Geological Survey, who will this year

complete a study along the full length of the east flank of the range, including a bordering zone of the Basin ranges, and will also make a reconnaissance in Carson Valley at the extreme northern end of the High Sierras.

DR. ANKERMANN, assistant in the Berlin Museum of Ethnology, will in October undertake explorations in Kamerun, for which the state has made a grant of 20,000 Marks.

AT the fortieth annual meeting of the Canadian Medical Association to be held in Montreal from September 11 to 14, under the presidency of Dr. Alexander McPhedran, Toronto, Dr. Davy Rolleston, London, will deliver the address in medicine; Dr. Ingersoll Olmsted, Hamilton, the address in surgery, and Dr. J. George Adami, Montreal, the address in pathology.

THE Joule studentship of the Royal Society has been awarded to Dr. T. H. Laby, of the University of Sydney, now of the Cavendish Laboratory, Cambridge, for an investigation of the conditions of condensation and supersaturation of vapors other than steam.

PROFESSOR WALTER BALDWIN SPENCER, F.R.S., professor of biology in the University of Melbourne (formerly scholar of Exeter and fellow of Lincoln, Oxford), has been elected to an honorary fellowship at Exeter College.

ON the recommendation of the council of the Royal College of Physicians the Baly medal was awarded to Ernest H. Starling, M.D., F.R.C.P., F.R.S., Jodrell professor of physiology, University College, London, as having preeminently distinguished himself in the science of physiology.

THE Keith prize (a gold medal and £50) for the biennial period 1903-5 has been awarded by the council of the Royal Society of Edinburgh to Thomas H. Bryce, M.A., M.D., for his two papers on the histology of the blood of the larvæ of *Lepidosiren paradoxa*, published in the *Transactions* of the society within the period.

PROFESSOR ERNEST EVERETT BOGUE, head of the department of forestry of the Michigan Agricultural College, died at Lansing, Mich., on August 19, at the age of forty-three years.

ON or about September 11, 1907, an examination will be held by the Civil Service Commission to secure eligibles from which to make certification to fill three vacancies in the Naval Observatory, Washington, D. C., in the position of miscellaneous computer, and one vacancy in the position of assistant at \$1,000 per annum. Miscellaneous computers are paid by the hour, and earn from \$900 to \$1,100 per annum. Promotions are made from this grade without further examination to the grades of assistant at \$1,200 per annum, as vacancies occur. As an insufficient number of eligibles were secured as the result of the last four examinations to meet the needs of the service, qualified persons are urged to enter this examination. Applicants should at once apply to the United States Civil Service Commission, Washington, D. C., for full information concerning the examination. Applicants can be examined at various places throughout the United States.

THE first meeting of the Italian Association for the Advancement of Science will take place at Parma from September 23 to 29.

Nature states that an institute entitled the Istituto Therapeutico Italiano has been established at Milan under the directorship of Dr. Zanoni, the work of which will be the investigation of the action of new drugs, especially in regard to serumtherapy and hypodermic medication.

WE learn from the journal of the American Medical Association that the Sixth International Dermatologic Congress will be held at the Academy of Medicine, New York City, from September 9 to 14. An address of welcome on behalf of the United States will be delivered by Surgeon General Rixey of the United States Navy; an address for the American universities will be delivered by Professor Ira Remsen, of the Johns Hopkins University; and an address for the medical profession of the United States by Dr. Joseph D. Bryant, president of the American Medical Association. Papers will be read by some of the most famous European dermatologists, including Professor R. Campana, Rome, Italy; Dr. Z. Falcao, Lisbon, Portugal; Dr. Vinetta-

Bellaserra, Barcelona, Spain; Dr. L. Brocq, Paris; Dr. Unna, Hamburg, Germany; Dr. M. Oppenheimer, Vienna; Professor E. Kromayer, Berlin; Professor E. Hoffmann, Berlin; Dr. A. Buschke, Berlin; Drs. Hallopeau and Gastou, Paris; Professor S. Ehrmann, Vienna, and numerous others. Papers are also on the program by the leading dermatologists of this country. Further details may be obtained from the secretary-general, Dr. John A. Fordyce, 80 West Fortieth Street, New York City.

UNIVERSITY AND EDUCATIONAL NEWS

AT the University of Illinois, Dr. G. A. Miller, associate professor of mathematics, has been promoted to a professorship. The department of mathematics now contains three professors, one associate professor, three assistant professors, one associate, six instructors and three assistants.

DR. ALFRED E. THAYER has resigned from the chair of pathology in the University of Texas. His future address will be Asheville, N. C.

PROFESSOR F. E. AUSTIN, who has had charge of the department of electrical engineering at the Thayer School of Civil Engineering, Hanover, N. H., will, during the coming year, have charge of the departments of physics and electrical engineering at Norwich University, Northfield, Vermont.

AT the Western College for Women, Oxford, Ohio, the following changes have been made in the faculty for next year: Mary F. Leach, Ph.D., assistant in hygiene at the University of Michigan, will take charge of the advanced work in chemistry, bacteriology and hygiene; Mary D. MacKenzie, M.A. (Syracuse), will take charge of the biological department.

MR. J. L. SIMONSEN, Schunck research fellow, has been appointed a junior demonstrator in chemistry at the University of Manchester.

DR. H. SIMON has been appointed professor of applied physics at the University of Göttingen.

DR. PRENANT, of the University of Nancy, has been appointed professor of histology in the medical faculty of the University of Paris.