

just completed. Further particulars may be obtained from the secretary of the committee, Mr. Guy Marshall, British Museum (Natural History), South Kensington, London.

#### SCIENTIFIC NOTES AND NEWS

As a result of the recent tentative agreement between Columbia University and the Presbyterian Hospital, New York, the appointments of Dr. Theodore C. Janeway as attending physician and of Dr. William G. MacCallum as pathologist to the hospital have been announced. Dr. Janeway is professor of the practise of medicine in the College of Physicians and Surgeons and Dr. MacCallum is professor of pathology. They succeed Dr. W. Gilman Thompson and Dr. Eugene L. Opie, respectively, at the hospital.

At the last meeting of the Rumford Committee of the American Academy of Arts and Sciences the following appropriations were made: To Professor D. F. Comstock, of the Massachusetts Institute of Technology, \$100 in aid of his research on the possible effect of the motion of the source on the velocity of light. To Professor G. N. Lewis, of the same institution, \$150 in aid of his research on the free energy changes in chemical reactions. To Professor R. W. Wood, of the Johns Hopkins University, \$150 in furtherance of his researches on the optical properties of vapors.

THE following fifteen candidates have been nominated by the council of the Royal Society for election to membership: Professor H. T. Barnes, Professor A. J. Brown, Professor J. B. Cohen, Professor W. E. Dixon, Professor F. G. Donnan, Major E. H. Hills, Dr. W. H. Lang, Professor J. B. Leathes, Professor E. A. Minchin, Professor R. Muir, Mr. R. D. Oldham, Mr. R. I. Pocock, Professor A. W. Porter, Mr. H. W. Richmond and Mr. G. G. Stoney.

M. EUGÈNE TISSERAND has been elected a member of the Paris Academy of Sciences in succession to the late Professor Tannery.

THE *British Medical Journal* notes various honors conferred on Dr. Paul Ehrlich, director of the Institute for Experimental Therapeutics at Frankfort. The Emperor of Rus-

sia has conferred upon him the Order of St. Anne First Class, with a badge set in diamonds. The King of Spain has bestowed on him the Grand Cross of the Order of Alfonso XII. The German Emperor has nominated him a member of the senate of the recently founded Kaiser Wilhelm Society for the Advancement of Science; on this body he is the only representative of medicine. The St. Petersburg Institute of Experimental Therapeutics has elected him an honorary member. The municipal authorities of Buenos Aires have given Professor Ehrlich's name to a street in the suburb of San Fernando.

A PORTRAIT of Sir William Crookes by Mr. E. A. Walton, as we learn from *Nature*, was presented to the Royal Society before the ordinary meeting on February 16. The presentation was made on behalf of the subscribers by Professor Meldola representing about 130 fellows of the society who had contributed to the fund. Sir Archibald Geikie, as president, accepted the portrait on behalf of the society. Sir William Crookes expressed his thanks to the subscribers for the honor they had conferred upon him. In the course of his remarks he said that in two years he hoped to celebrate the jubilee of his fellowship, as his election dated from 1863.

PROFESSOR W. W. WATTS, F.R.S., has been elected president of the Geological Society of London. The following awards of medals and funds have been made: Wollaston medal, Professor Waldemar C. Brögger; Murchison medal, Mr. R. H. Tiddeman; Lyell medals, Dr. F. A. Bather and Dr. A. W. Rowe; Bigsby medal, Professor O. Abel; Wollaston fund, Professor O. T. Jones; Murchison fund, Mr. E. S. Cobbold; Lyell fund, Dr. C. G. Cullis; Barlow-Jameson fund, Mr. J. F. N. Green.

WE learn from *Nature* that the Lannelongue prize, founded last year by Professor Lannelongue, of Paris, has been presented to Sir Victor Horsley, F.R.S. The prize is a gold medal and the sum of \$1,000, and it is awarded to the person who had contributed most to the progress of surgery in the ten years before the date of the award. It is open to surgeons of all nations, and is to be

awarded every five years during the annual meeting of the Société de Chirurgie.

THE Fothergillian gold medal, of the Medical Society of London, given triennially, has been awarded to Dr. F. W. Mott, F.R.S., for his researches on the nervous system.

PRESIDENT SCHURMAN has been appointed by the faculty and trustees of Cornell University a delegate to the celebration on September 12 to 15 next, of the five hundredth anniversary of the founding of St. Andrews University. He has also been appointed a delegate to represent the university at the centenary celebration of the University of Christiania, Norway, to be held September 5 and 6.

A six months' leave of absence, owing to illness, has been granted to Dr. E. B. Voorhees, professor of agriculture at Rutgers College and director of the New Jersey Experiment Station.

PROFESSOR OTTO C. GLASER, of the department of zoology in the University of Michigan, has been granted leave of absence for the academic year 1911-12.

T. D. URBHANS, instructor of entomology at the Minnesota Agricultural College, has resigned to enter the government service. He will go to Salt Lake City to take up an investigation of the alfalfa weevil.

THE appointment of Dr. L. Van Es as a member of the permanent commission of the International Veterinary Congress in the place of Dr. Leonard Pearson, deceased, has recently been announced. Dr. Van Es is head of the School of Veterinary Medicine at North Dakota Agricultural College, Fargo, N. D.

CAPTAIN HORACE D. BLOOMBERG, of the U. S. Army Medical Corps, who has been a member of the Army Board for the Study of Tropical Diseases, has completed his term of duty in the Philippines and is returning to the United States.

MR. K. R. LEWIN, Trinity College, Cambridge, has been nominated to use the university table at Naples for six months from March 1.

IN response to the request of the Chinese government for an international commission to proceed to China to investigate the outbreak of plague in Manchuria, the British government has instructed Dr. Reginald Farrar, one of the medical inspectors of the local government board, to proceed to China.

DR. C. P. STEINMETZ, consulting engineer for the General Electric Company, was a guest of the University of Illinois during the week of March 6 to 11. During his stay he delivered lectures on "Electric Energy" and on "Transients."

DR. E. B. TITCHENER, Sage research professor of psychology in Cornell University, addressed a convocation of the students and faculty of Indiana University, on February 23, on "Memory and Imagination." On the evening of February 9, the members of the Purdue chapter of Sigma Xi were the guests of the Indiana University chapter at a banquet and lecture. The lecture was given by Professor R. B. Moore, of Butler College, on the subject of "The Rare Elements of the Atmosphere."

COLONEL G. W. GOETHALS, chief engineer of the Panama Canal, appeared as the ninth lecturer upon the J. C. Campbell Foundation of the Sigma Xi Society of the Ohio State University on February 21. A large audience gathered to hear him speak upon the subject "The Panama Canal." His lecture was illustrated by a large number of slides and also a film of moving pictures showing some of the machinery used upon the canal in operation.

PROFESSOR CHARLES H. JUDD, director of the school of education at the University of Chicago, and Professor John M. Coulter, head of the department of botany, spoke at the annual convention of the Central Kansas Teachers' Association, which met at Salina on March 2, 3 and 4.

ON February 10, Dr. Wallace W. Atwood, of the University of Chicago, spoke at Princeton, Ill., on "Conservation in Illinois," emphasizing the work of the State Park Commission, of which he is a member.

SIR HORACE PLUNKETT, the Irish authority on cooperation in agriculture and member of

the English parliament, delivered an address before the faculty and students of the University of Wisconsin and the members of the state legislature last week on "The State, the University and the Farmer." He also held a conference with the members of the faculty of the college of agriculture on conditions of agriculture in America.

THE Rational Geometry of Professor George Bruce Halsted has been translated into French and will be published by the firm Gauthier-Villars.

WE regret to note the death of Professor Edwyn Carlos Reed at Concepcion, Chile. He was director National Museum at Concepcion and had for many years studied the flora and fauna of Chile. His work in natural history was largely devoted to the popularization of scientific knowledge and to the spread of economic ideas in economic zoology. He leaves one son, Carlos S. Reed, who is now professor in the School of Viticulture.

COLONEL R. M. BEDDOME, known especially for his publications on the ferns of India, died in London, on February 23, at the age of eighty-three years. The deaths are also announced of Dr. C. Alexander MacMunn, of Wolverhampton, known for his research work in physiological chemistry, and of Dr. William Williams, of South Wales, an authority on sanitation.

A BILL has been introduced into the general assembly of Illinois that provides for the establishment of a State Board of Forestry and a state forester. It is provided that the office of the state forester shall be located at the State University and that the forester shall teach at the university.

A SOCIETY for the erection and maintenance of an institute for the treatment of cancer and for research, has been founded at Munich. The president is Prince Ludwig Ferdinand, doctor of medicine.

THE Vallauri prize of the Turin Academy of Sciences will for the coming three-year period be awarded for a work in Latin literature, for the following three-year period, from

January 1, 1915, for the most important work published in the physical sciences. The value of the prize is \$5,000.

THE Field Museum of Natural History announces its thirty-fourth free lecture course as follows:

March 4—"Precious Stones, how they are Found and Manipulated," Dr. George F. Kunz, New York City.

March 11—"The Glacial History of the Great Lakes," Professor Frank Carney, Denison University, Granville, Ohio.

March 18—"The Sugar Maple and Maple Sugar Making," Professor L. R. Jones, University of Wisconsin.

March 25—"Peking," Dr. Berthold Laufer, associate curator of Asiatic Ethnology, Field Museum.

April 1—"Picturesque Sweden," Professor James H. Gore, Washington, D. C.

April 8—"The Real Filipino," Professor Arthur Stanley Riggs, New York City.

April 15—"Photographing the Heavens," Professor G. W. Ritchey, Mount Wilson Solar Observatory, Pasadena, Cal.

April 22—"Recent Discoveries of Petroleum in the United States and Mexico," Dr. David T. Day, U. S. Geological Survey, Washington, D. C.

April 29—"Turkestan; the Heart of Asia," Mr. William E. Curtis, Washington, D. C.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE sum of \$7,000 has been received by the University of Michigan from the estate of Emma J. Cole, of Grand Rapids, Michigan, to constitute a scholarship fund for graduate students in botany.

THE regents of the University of Wisconsin have accepted as a trust the sum of \$30,000 for the establishment and maintenance of a chair to be known as the Carl Schurz memorial professorship. The chair is to be filled by professors from the universities of Germany. The present size of the fund will make it possible to secure a German professor for one semester every second year. President Van Hise has been authorized to open negotiations with German authorities with a view to establishing a system of exchange professors between German universities and the University of Wisconsin. The es-