

ding, Erdmann, Ward, Liebreich, Kitasato, Semon, Escherlich, Rein, Lamprecht, Conrad, Furwängler, Harnack, Brunialti and Bryce. The American speakers and chairman formed a group of leaders in scientific research, of whom any country might be proud.

A congress of arts and science gives distinction to a universal exposition, but no one supposes that it is the most suitable place for such a meeting. There are many material difficulties which were by no means overcome at St. Louis. The audiences averaged about a hundred—though in one case at least there were only five hearers present—but they were not composed chiefly of scientific men. Criticism should, however, be overshadowed by appreciation. Never before has an attempt been made to give such a complete and unified summary of the progress of science. President Francis, Mr. Rogers, Mr. Schiff and other officers of the exposition deserve thanks and honor for their interest in the congress; President Butler and other members of the administrative board, for the general arrangements, and Professors Newcomb, the president, Münsterberg and Small, the vice-presidents, for the work of organization.

SCIENTIFIC NOTES AND NEWS.

THE honorary vice-presidents of the International Congress of Arts and Science were the Hon. James Bryce, Great Britain; M. Gaston Darboux, France; Professor Wilhelm Waldeyer, Germany; Dr. Oskar Backlund, Russia; Professor Theodore Escherich, Austria; Signor Attilio Brunialti, Italy. The executive secretary of the congress was Dr. L. O. Howard, permanent secretary of the American Association for the Advancement of Science.

CAPTAIN SCOTT and the officers and men of the *Discovery* were welcomed at the East India dock by luncheon on their arrival on September 16, the invitations being sent by the presidents of the Royal and the Royal

Geographical Societies. In the evening Captain Scott and the officers were entertained at a dinner given by the Royal Geographical Society. Addresses were made by Sir Clements Markham, president of the Royal Geographical Society, Captain Scott and others.

THE Medical and Chirurgical Faculty of Maryland has asked Professor William Osler to sit for a portrait to be placed in the hall of the faculty in Baltimore. It is stated that Professor Osler will not sever his connection with the Johns Hopkins University until after the end of the present session.

DR. BENNO ERDMANN, professor of philosophy at the University of Bonn, who gave one of the addresses at the St. Louis Congress, celebrated the twenty-fifth anniversary of his professorate on August 29.

DR. JAMES WARD, professor of moral philosophy and logic, at Cambridge University, gave the annual address before the Philosophical Union of the University of California, on August 26.

PROFESSOR CLEVELAND ABBE, of the U. S. Weather Bureau, delivered an address on 'Instruction and Research by Weather Bureau Officials' at the recent session of the United States Weather Bureau Officials at Peoria.

DR. AUG. WASSERMANN, titular professor of internal medicine and bacteriology at the University of Berlin, gave an address on 'The Theory and Practise of Immunity,' before a special meeting of the New York Pathological Society, on September 28.

DR. RONALD ROSS, of the Liverpool School of Tropical Medicine, who is at present in the United States as delegate to the recent Congress of Arts and Science at St. Louis, will proceed to Panama as guest of the Canal Commission.

PROFESSOR F. H. HERRICK, professor of biology at Western Reserve University, has returned to the United States after a year's absence in Europe.

THE British chancellor of the exchequer has appointed the following gentlemen to serve as members of a committee to inquire into the use of duty-free alcohol for industrial pur-

poses: Sir Henry Primrose, K.C.B., C.S.I., chairman; Sir William Crookes, F.R.S.; Sir W. H. Holland, M.P.; the Hon. J. Scott-Montagu, M.P.; Mr. Lothian D. Nicholson; Dr. W. Somerville; Dr. T. E. Thorpe, C.B., F.R.S.; and Mr. Thomas Tyrer.

AMONG those invited to lecture in the annual course of public lectures on 'Contemporary Educational Problems,' given by Teachers College, Columbia University, are Dr. John H. Finley, president of the College of the City of New York; Mr. St. Clair McKelway; Professor Liberty H. Bailey, dean of the College of Agriculture, Cornell University; Dr. Henry M. Leipziger, supervisor of lectures, New York City; Professor Felix Adler; Dr. Walter H. Page, editor of the *World's Work*, and Mr. Wallace H. Buttrick, executive secretary of the General Educational Board.

THE autumn lectures of the New York Botanical Garden will be delivered in the lecture hall of the museum building of the garden, Bronx Park, on Saturday afternoons, at 4:30 o'clock, as follows:

October 1, 'The Origin of Species as illustrated by the Evening Primrose,' by Professor Hugo de Vries.

October 8, 'The Botanical Exploration of the Bahamas,' by Dr. N. L. Britton.

October 15, 'A Summer at the Desert Laboratory,' by Professor Francis E. Lloyd.

October 22, 'Botanizing in the Austrian Tyrol,' by Dr. W. A. Murrill.

October 29, 'Life-History of a Fern,' by Professor L. M. Underwood.

November 5, 'Fossil Plants of the Vicinity of New York,' by Dr. Arthur Hollick.

November 12, 'The Effect of Wounding on Plants,' by Professor H. M. Richards.

November 19, 'Hybrids; Their Nature and Behavior,' by Dr. D. T. MacDougal.

A SERIES of nine lectures on science and travel has been arranged by the Field Columbian Museum at 3 o'clock on Saturday afternoons during October and November. The program is as follows:

October 1, 'Wild Flowers of the Chicago Basin,' Dr. C. F. Millsbaugh, curator of botany.

October 8, 'Japan—Land of Lacquer and Bamboo,' Dr. C. F. Millsbaugh, curator of botany.

October 15, 'Variation of Birds,' Dr. N. Dearborn, department of ornithology.

October 22, 'Crystals,' Dr. O. C. Farrington, curator of geology.

October 29, 'Wyandotte and Marengo caves,' Dr. O. C. Farrington, curator of geology.

November 5, 'A Naturalist in Africa—Field Columbian Museum Expedition,' Professor D. G. Elliot, F.R.S.E., curator of zoology.

November 12, 'Cats and the Lands they Inhabit,' Professor D. G. Elliot, F.R.S.E., curator of zoology.

November 19, 'The Decorative Art of the North American Indians'—Part 1, Dr. G. A. Dorsey, curator of anthropology.

November 26, 'The Decorative Art of the North American Indians'—Part 2, Dr. G. A. Dorsey, curator of anthropology.

At a business meeting of the Elisha Mitchell Society of the University of North Carolina, held on September 12, the following officers were elected:

President—Professor Wm. Cain.

Vice-President—Professor J. E. Mills.

Corresponding Secretary—President F. P. Venable.

Recording Secretary—Professor A. S. Wheeler.

Editorial Committee—Professor W. C. Coker, Professor J. E. Latta, Professor A. Henderson.

PROFESSOR NILS FINNSEN, of Copenhagen, known for his discovery of the light cure for lupus, died on September 24.

KARL FREIHERR V. ERLANGER, the African explorer, has died at the age of thirty-two years.

IN a recent address before the Royal Geographical Society of London, the president, Sir Clements Markham, stated that the work of the society had so greatly increased that it would be necessary to move into a larger building. A good sum had been offered for the present house, but in addition to that sum a far larger amount would be required to obtain a freehold site and erect a suitable building. Several sites had been offered, but the council did not feel justified in taking further steps until most of the amount required (about \$600,000) had been subscribed. In the meantime a special committee is considering the question of increasing the accommodations.

CABLEGRAMS to the daily papers report an eruption of Mt. Vesuvius more violent than any since 1872. The upper station of the fu-

nicular railway has been destroyed and the metal of the tracks has been melted.

THE *British Medical Journal* states that an examination by Professor Dunstan at the Imperial Institute, London, of certain minerals discovered during the recent mineralogical survey of Ceylon has shown that the principal constituent of one found in refuse from gem washings near Belangoda is radio-active; it contains 75 per cent. of thorium oxide, and it is thought probable that radium is present.

PROFESSOR JAMES BEART SIMONDS, of the Isle of Wight, has bequeathed his veterinary specimens and library of veterinary and scientific works to the Royal Veterinary College, London.

It is reported that Dr. Theodore Koch, of the Berlin Museum für Völkerkunde, who is exploring the districts of the Upper Amazon, reports that he has advanced farther than any white man on the Rio Tiqui, and has come into contact with hitherto unknown Indian tribes. He spent several weeks in their villages, and has brought back from his journey a rich collection of photographs and native articles, among others the famous signal drum of the Tukano tribe. He hopes to prolong his operations till the spring of next year, but the continued disputes between the Peruvians and Brazilians have somewhat interfered with his arrangements.

UNIVERSITY AND EDUCATIONAL NEWS.

THE late Professor Daniel Willard Fiske has bequeathed the main part of his estate to Cornell University. It is said that the bequest amounts to between \$500,000 to \$1,000,000. It will be remembered that Professor Fiske's wife, who died some two years ago, left \$2,000,000 to Cornell University, but that the will was broken by Professor Fiske.

THE main building of the University of Minnesota was destroyed by fire on September 24, entailing a loss of \$125,000 which is said to be covered by insurance.

SIR ALFRED JONES has given £500 and Mr. John Holt £200 to the Liverpool School of Tropical Medicine for a fund to be known as the Sir William MacGregor Fund, in honor of

the newly appointed governor of Newfoundland.

THE presidency of Tulane University has been offered to Dr. E. B. Copeland, president of the Missouri State Normal School, Warrensburg, Mo.

DR. ADOLF MEYER, of the N. Y. State Pathological Institute, has been appointed professor of psychiatry in the Cornell University Medical School in the place of Dr. Allan McLane Hamilton, who recently resigned.

THE lectureship of pathological chemistry, at New York University, recently endowed by Dr. C. A. Herter, will be held during the present year by Dr. P. A. Levene, of the N. Y. State Pathological Institute.

THE following appointments have been made at Lehigh University: Winter L. Wilson, C.E., M.S., Lehigh, '88, and recently professor of civil engineering in Tulane University, assistant professor in civil engineering; Sherman M. Turrill, C.E., Cornell, '91, and Robert W. Gay, B.S., C.E., New York University, instructors in civil engineering; Arthur W. Klein, M.E., Lehigh, '99, and Evert O. Eastwood, A.M., B.S., University of Virginia, and Massachusetts Institute of Technology, instructors in civil engineering. Other new instructors are Charles W. Brown, A.M., Brown University and Harvard, in the department of geology; Stanley S. Seyfert, E. E. Lehigh, '04, electrical engineering; George C. Beck, A.C., Lehigh, '04, assistant in chemistry.

LORANDE LOSS WOODRUFF, A.M. (Columbia), has been advanced to an instructorship in biology at Williams College.

At Dartmouth College, the following appointments have been made: *Mathematics*, C. A. Holden, assistant professor; Mr. Barton, instructor; *Biology*, Mr. Lyman, instructor in biology (botany), made assistant professor; *Medical School*, Dr. Percy Bartlett, A.B., Bowdoin, '92, M.D., Dartmouth, '00, instructor in anatomy; Dr. C. C. Stewart, assistant professor of physiology, Pennsylvania, assistant professor of physiology.

DR. HERMANN KOSSEL, of the Imperial Board of Health at Berlin, has been called to the chair of hygiene at the University of Giessen, as the successor of Dr. Georg Gaffky.