

Kimberley: 'Diamonds,' Sir William Crookes; 'Bearing of Engineering on Mining,' Professor Porter. *Bulawayo*: 'Zimbabwe,' Mr. Randall-MacIver.

The president's address to the association will be delivered at Cape Town, on August 15, and at Johannesburg, on August 30. Mr. G. W. Lamplugh's report on the geology of the Victoria Falls will take the form of an afternoon address to Section C at Johannesburg.

SCIENTIFIC NOTES AND NEWS.

THE American Medical Association met last week in Portland, Ore., with an attendance of about 1,500 members. Dr. Louis S. McMurtree, of Louisville, Ky., delivered the presidential address, taking as his subject 'The American Medical Association, its Origin, Progress and Purpose.'

M. CURIE has been elected a member of the Paris Academy of Sciences.

DR. ADOLF WULLNER, of Aachen, has been made an honorary doctor of engineering by the Technical Institute of Dantzig.

M. COMBES, recently premier of France, has returned to the practise of medicine in his native village.

THE steamship *Roosevelt*, which will carry Commander R. E. Peary to the Arctic regions, sailed from New York City on July 16.

PROFESSOR W. M. DAVIS, of Harvard University, sailed from New York, July 15, for England, to accompany the British Association to South Africa. The party will leave Southampton on July 29, and return in mid-October.

THE DE MORGAN medal of the London Mathematical Society has been awarded to Dr. H. F. Baker, F.R.S.

THE Bissett-Hawkins gold medal of the Royal College of Physicians has been presented to Sir Patrick Manson for the services he has rendered to science and humanity by his researches on tropical diseases.

THE Senn medal of the American Medical Association for an essay on some surgical topic has been awarded to Dr. John L. Yates, of Chicago.

THE British Meteorological Office, which corresponds to our Weather Bureau, has been reorganized, and placed under the charge of a committee. The appropriations for the service is £15,300, and the salary of the director is £1,000. The committee is as follows: Mr. W. N. Shaw, Sc.D., F.R.S., director; Captain Arthur M. Field, R.N., hydrographer to the navy; Captain A. J. G. Chalmers, professional officer of the Marine Department, Board of Trade; Mr. W. Somerville, Sc.D., assistant secretary of the Board of Agriculture and Fisheries; Professor G. H. Darwin, F.R.S., University of Cambridge; Professor Arthur Schuster, F.R.S., University of Manchester; Mr. G. L. Barstow, nominated by the Treasury.

AMONG those who are the recipients of the king's birthday honors *Nature* notices the following: Lord Rayleigh, O.M., F.R.S., has been made a privy counselor; knighthoods have been conferred upon Professor T. McCall Anderson, of the University of Glasgow; Mr. E. W. Brabrook, C.B., formerly registrar of Friendly Societies; Dr. A. B. W. Kennedy, F.R.S., emeritus professor of engineering and mechanical technology at University College, London, and president of the admiralty committee on machinery designs; Dr. Boverton Redwood; and Dr. W. J. Smyly, president of the Royal College of Physicians, Ireland. Colonel D. Bruce, F.R.S., has been made a Knight Commander of the Bath. Dr. W. T. Prout, principal medical officer, colony of Sierra Leone, and Dr. J. W. Robertson, late commissioner of agriculture and dairying of the Dominion of Canda, have been made C.M.G.'s. The honor of Knight Bachelor has been conferred upon Dr. E. S. Stevenson, member of the medical council of the Cape of Good Hope; and Mr. Philip Watts, F.R.S., director of naval construction, is made an ordinary member of the civil division of the second division, or Knight Commander, of the Order of the Bath.

STUDENTS of Sibley College, Cornell University, have ordered designs made for a bronze tablet, which they will erect in memory of the late Dr. R. H. Thurston, formerly director of the college. The tablet is being designed

by Professor H. S. Gutsall, of the College of Architecture, and will be erected in a stone niche of the new Thurston Hall of Engineering, now in process of construction.

A BUST of the electrical inventor, Charles J. Van Depoele, has been placed in the Lynn Public Library.

MR. ROLLO APPELYARD has presented to the Royal Institution a portrait of the late Professor J. D. Everett, the physicist.

DR. EDWARD STICKNEY WOOD, since 1876 professor of chemistry in the Harvard Medical School, died on July 11, at the age of fifty-nine years.

DR. J. M. CUNNINGHAM, formerly surgeon-general of India, has died at the age of seventy-one years.

DR. HERMANN VON WISSMANN, the African explorer, has died at the age of fifty-one years.

PROFESSOR HERMANN NOTHNAGEL, professor of clinical medicine in Berlin, and an eminent authority on the subject, died on July 7, at the age of sixty-four years.

PROFESSOR VON MILULICZ, professor of surgery at Breslau, and surgeon-general of the Prussian army, died on June 14.

PROFESSOR JACQUES ELISÉE RECLUS, professor of geography at the new University of Brussels, has died at the age of eighty-five years.

THE U. S. National Museum is about to receive a large collection of South American moths, the gift of Mr. Wm. Schaus, of Twickenham, England, and New York. This is one of the finest collections from this region extant, containing some 60,000 specimens and hundreds of types, mostly the result of Mr. Schaus's personal collecting.

THE west pavilion of the stone building, known during the Louisiana Purchase Exposition as the Palace of Fine Arts, was formally opened on July 1 to the public as the St. Louis Museum, embracing in the thirty-six rooms, collections of exhibits from forty different countries, valued collectively at \$500,000.

WE learn from the *Electrical World* that the United Engineering Building Committee

voted a contract last week for \$795,000 to the Wells Brothers Company, of New York City, for the construction of the new building under the Carnegie gift, on West Thirty-ninth Street, New York. This contract does not include anything for electrical plant, wiring, steam heating, etc., but deals solely with the construction of the edifice. The lots have already been excavated, and work will begin without delay. October, 1906, is spoken of as the time of completion and readiness.

DEARBORN OBSERVATORY at Northwestern University was damaged by fire on July 15 to the extent of \$1,000. None of the instruments was harmed.

THE Bureau of Forestry, to which the control of the national forest reserves have been transferred, will hereafter be known as the forest service.

It is stated in the *Electrical World* that a conference has been called by the Reichsanstalt as a preliminary to the meeting of the International Commission on Electrical Units and Standards. To this conference the Reichsanstalt has invited the heads of bureaus in America, England, Belgium, Austria-Hungary, also Lord Rayleigh, Professors Kohlrausch, M. Mascart and Carhart, of the University of Michigan. The conference will be held in Berlin, probably the latter part of October, the exact date not having as yet been fixed. It seems probable that the commission will be called together within the next two years.

At a meeting of a number of members of Parliament on July 4, the following resolution was unanimously passed: "That this meeting, being satisfied of the necessity of further state aid to the National Physical Laboratory, at Teddington, as regards both equipment and maintenance, requests the chairman and conveners of this meeting to prepare and present a memorial to the chancellor of the Exchequer asking for such additional aid, and that the memorial be signed by members here present or who, being absent, may be in sympathy with its objects."

THE University of Colorado, at Boulder, has been able to acquire, through the gener-

osity of Hon. Simon Guggenheim, of Denver, a large collection of birds' eggs and nests gathered by the late Dennis Gale, of Boulder. The collection embraces eggs of nearly all the species known in the vicinity of the university, and in many cases there are specimens taken from nests at six or more different altitudes. The collection also contains many nests from the sub-alpine and alpine districts which are seldom found in museums.

UNIVERSITY AND EDUCATIONAL NEWS.

THE temporary building occupied by the veterinary department of the University of Pennsylvania was destroyed by fire on July 6, entailing a loss of upward of \$10,000. The university authorities are about to construct a building for the veterinary department at a cost of \$200,000.

THE University of Illinois has organized a School of Education, the purpose of which is to provide for special preparation of three classes of workers in the public school system, namely, first, the high school teacher, including the high school principal; second, the supervisor of special subjects, such as manual training, domestic science, music, drawing and physical training, and third, the school superintendent. The director of the school is Dr. Edwin Grant Dexter, and the faculty includes thirty-one instructors of various academic ranks. Besides this, the five normal school presidents of the state, together with Hon. Alfred Bayliss, state superintendent of public instruction, constitute a board of special lecturers, who, during the year, will discuss at the university topics of educational interest.

THE University of Southern California, at Los Angeles, has begun the erection of a two-story north wing and a similar south wing to the building used by the College of Liberal Arts. The improvements will cost about \$50,000. The north wing will be devoted mainly to the biological sciences. It will add 110 feet of north light to the present laboratories and comprises a zoological laboratory, 45 x 34 ft.; a laboratory for physiology and bacteriology, 46 x 26 ft., and a botanical labo-

ratory, 45 x 30 ft. Besides these there will be a special laboratory 16 x 13 ft., an office, and a lecture room with a seating capacity of 200. Apparatus costing about \$2,000 will be added to the present equipment. The south wing will be equipped in a similar manner for the departments of chemistry and physics.

THE daily papers state that Attorney-General Mayer has decided to bring an action to deprive Cornell University of 30,000 acres of timber land between Tupper and Upper Saranac Lakes, in the Adirondacks. He will endeavor also to break a contract whereby Cornell has permitted the Brooklyn Cooperage Company to cut timber on the tract. This tract was purchased by Cornell with \$165,000 out of an appropriation of \$500,000 made by the legislature of 1898 for a forestry experiment, to last thirty years. Governor Odell in 1903 declined to permit any more money to go out for the experiment, and that came to an end.

DR. NICHOLAS SENN has been elected professor of surgery in the University of Chicago.

PROFESSOR H. B. DATES, dean of the engineering school of the University of Colorado, has accepted a professorship of electrical engineering at the Case School of Applied Sciences.

MR. CHARLES BROOKS, assistant in botany in the University of Missouri, has been appointed instructor in botany in the College of Agriculture of New Hampshire.

DR. WILLIAM I. CHAMBERLAIN, president of the Arcot Mission College in India, has accepted the chair of logic and mental philosophy in Rutgers College.

MISS ANN REBECCA TORRENCE, for the past two years assistant in botany in Wellesley College, has been appointed supervisor of the fifth and sixth grades and teacher of nature study in the State Normal School, New Paltz, New York.

DR. EUGEN GRANDMOUGIN has been appointed professor of chemistry in the Polytechnic Institute of Zurich in the room of Professor E. Bamberger, who has retired, owing to ill-health.