

The institutions that may be eligible with certain data in regard to them as compiled by Dr. Henry S. Pritchett, president of the foundation, are given above. These institutions will only be eligible if their entrance requirements are based on a high school preparation counted at 14 points on the table.

SCIENTIFIC NOTES AND NEWS

At the recent Founder's Day celebration at the University of Pennsylvania, Dr. S. Weir Mitchell presented to the university a portrait of the late Fairman Rogers, first professor of engineering and for many years a trustee of the university, given by Mrs. Rogers.

DR. CHARLES E. ST. JOHN has resigned the chair of physics and astronomy in Oberlin College and the deanship of the College of Arts and Sciences to accept the position of research associate in the Mount Wilson Solar Observatory of the Carnegie Institution of Washington.

DR. T. H. KRUMBACH, assistant in the zoological laboratory at Breslau, has been appointed director of the Zoological Station at Rovigno.

HERR EMIL EHRENSBERGER, technical director of the Krupp works, at Essen, has been given the honorary degree of doctor of philosophy by the University of Göttingen.

ON the occasion of its commencement in June, Hobart College will confer the honorary degree of doctor of letters upon Professor R. M. Wenley, of the University of Michigan.

PROFESSOR W. B. SCOTT, of Princeton University, in presenting Grove Karl Gilbert, for the honorary degree of doctor of laws at the University of Pennsylvania last month, said: "For nearly forty years one of the most distinguished of those brilliant investigators who have adorned the successive organizations culminating in the present U. S. Geological Survey, you have enriched geology by a series of studies and contributions of striking originality and importance, which have led to new conceptions of the earth's history and opened new fields of investigation. As a pioneer in what may almost be called the American sci-

ence of physiography, your work is recognized and valued the world over as being of the highest significance. Therefore, at the request of the trustees of the University of Pennsylvania, I ask the provost to confer upon you, Grove Karl Gilbert, the degree of doctor of laws."

PRESIDENT ROOSEVELT has appointed President Van Hise, of the University of Wisconsin, to represent the National Association of State Universities at the conference on the conservation of natural resources, to be held at the White House on May 13-15.

DR. HEINRICH ROSENBUSCH, professor of mineralogy and geology at Heidelberg, will retire from active service on October 1.

THE officers of the Southern Society for Philosophy and Psychology, elected at the recent meeting of the Society at Washington, D. C., are : *President*, Professor J. MacBride Sterrett, George Washington University; *Vice-president*, Professor Albert Lefevre, University of Virginia; *Secretary-Treasurer*, Professor Edward Franklin Buchner, University of Alabama.

DR. MICHAEL F. GUYER, professor of zoology in the University of Cincinnati, has been granted one year's leave of absence, beginning on June 1, 1908, for study in Europe. The same privilege has been granted to Associate Professor George Morey Miller, English. Professor Marco F. Liberma, romance languages, will spend the summer only in France.

PROFESSOR W. H. HOBBS, of the University of Michigan, accompanied by two assistants, will make a special study of the glacial formation of the Alps during the summer.

THE board of managers of the Museum of Science and Art at the University of Pennsylvania, announces that D. Randall MacIver, curator of the Egyptian sections of the museum, will return to this country with a valuable collection of Nubian statues, tablets, vases, bronzes and other curios, dug from Egyptian ruins.

PROFESSOR J. B. WOODWORTH, of Harvard University, will take charge of the Shaler Me-

morial Expedition to South America. The expedition will leave in June, going from New York to Rio Janeiro, and remaining in Brazil until the rainy season in October. The Brazilian government has offered facilities to the expedition. Upon leaving Brazil, Professor Woodworth will go to Chili for the purpose of investigating shore-line changes.

ON April 2, Dr. A. Hrdlička, of the U. S. National Museum, delivered a lecture on "The physical type of Indian men and women" before the Pittsburg Academy of Sciences.

DR. ANTON VON BRAUNMÜHL, professor of mathematics in the Technical Institute at Munich, has died at the age of fifty-five years.

A FOREST survey of Illinois is to be carried on jointly by the State Laboratory of Natural History at the University of Illinois and the U. S. Forest Survey, the two contributing equally to the expense of the work.

THE Imperial Meteorological Congress planned to be held in Ottawa in May has been postponed to the last week in July and will take place in Quebec immediately after the close of the ter-centenary celebration of Champlain's landing.

THE third International Congress for Philosophy will be held at Heidelberg from August 31 to September 5, under the presidency of Professor Windelband.

THE Fourth International Congress of Electrotherapy and Radiology will be held in Amsterdam from September 1 to 5, 1908.

THE commissioner of education has received from the organizing committee of the first Pan-American Congress at Santiago, Chile, the following announcement, with the request that measures be taken to give it due publicity: "The organizing committee of the fourth scientific (first Pan-American) congress took into consideration, in one of its last sessions the requests which various distinguished Americans have made that the date of opening the congress might be postponed to a later date than December 1, 1908, which was announced as the time of opening in the official communication previously sent. The objection to opening the congress on Decem-

ber 1 came principally from teachers in the different American countries who are attending to their scholastic duties at that time. Under the circumstances, and in order that the attendance of foreign delegates and members may be as large as possible, the organizing committee has decided to postpone the date of opening of the congress to December 25, 1908, and the closing exercises will take place January 5, 1909."

THE fourth annual dinner of the graduates and former students of the School of Civil Engineering of Columbia University will be held in the college room of the Hotel Astor on Thursday evening, April 23, 1908, at seven o'clock. The toastmaster of the evening will be Mr. Allen N. Spooner, C.E., '86, commissioner of docks and ferries. Other speakers of the evening will include President Nicholas Murray Butler; Mr. C. M. Jacobs, chief engineer in charge of the construction of the Pennsylvania Railroad and McAdoo tunnels; Mr. William G. McAdoo; Rev. Hugh Birkhead, '99, of St. George's Church; Mr. John A. Benschel, chairman of the board of additional water supply; Mr. William Barclay Parsons, '82, and Dean Frederick A. Goetze.

THE Naples Table Association for Promoting Laboratory Research by Women announces the offer of a fourth prize of one thousand dollars for the best thesis written by a woman, on a scientific subject, embodying new observations and new conclusions based on an independent laboratory research in biological, chemical or physical science. The theses offered in competition are to be presented to the executive committee of the association and must be in the hands of the chairman of the committee on the prize, Mrs. Ellen H. Richards, Massachusetts Institute of Technology, Boston, Mass., before February 25, 1909. The prize will be awarded at the annual meeting in April, 1909. Each thesis must be submitted under a pseudonym and must be accompanied by a sealed envelope, enclosing the author's name and address, and superscribed with a title corresponding to one borne by the manuscript. The papers presented will be judged by a regularly appointed board of examiners, or by such specialists as

they may choose. The association reserves the right to withhold the award of the prize, if the theses presented are not, in the judgment of this board, of adequate merit to deserve the award. The board of examiners are: Dr. William H. Howell, Johns Hopkins Medical School; Dr. Theodore W. Richards, Harvard University, and Dr. Albert A. Michelson, University of Chicago. The first prize was awarded to Florence Sabin, B.S. Smith, '93, M.D. Johns Hopkins University, '00, for a thesis on "The Origin of the Lymphatic System." The second prize was awarded to Nettie M. Stevens, B.A., M.A., Leland Stanford University, '99, '00, Ph.D. Bryn Mawr, '03, for a thesis on "A Study of the Germ Cells of *Aphis rosea* and of *Aphis anotheræ*." The third prize offered was not awarded.

THE German Kant Society offers prizes of 1,000 and 600 Marks for essays on "What are the Real Advances made by Metaphysics in Germany since the Time of Hegel and Herbart."

THE president of the German Colonial Society, Duke Johann Albrecht zu Mecklenburg, announces that a prize of 6,000 Marks will be awarded for a means by which cattle can be protected against the bites of the tsetse flies while they are being taken through infected regions.

THE president of the British Local Government Board has authorized for the current year the following researches, in addition to those already announced, under the grant voted by parliament in aid of scientific investigations concerning the causes and processes of disease: (1) Further studies by Drs. Andrewes and Horder as to methods of inhibiting in the animal body the activities of infection by certain cocci; (2) a study of the various forms of pneumonia, especially in children, by Mr. Foulerton; (3) a study of acid-fast bacilli in butter by Dr. Nabarro; (4) an investigation of the injurious gases evolved during artificial illumination by Dr. J. Wade.

ON the occasion of the meeting of the general board of the National Physical Laboratory, on March 20, a number of gentlemen

traveled to Bushy-house, at the invitation of Lord Rayleigh, the chairman, to view the laboratories. The whole of the premises were thrown open to their inspection, and the various appliances and the uses to which they are being put were explained to them by Dr. Glazebrook, the director, and other members of the staff.

REUTER'S AGENCY states that the second International Sleeping Sickness Conference has terminated without being able to agree on the draft convention before it. The French and Italian plenipotentiaries declared themselves unable to accept a proposal, made at the last conference in June and then unanimously recommended, for the establishment of a central bureau in London, and they proposed that the work connected with sleeping sickness should be taken over by the hygienic bureau, which a conference held in Rome in November last as a sequel to the Paris conference of 1903 has proposed should be established in Paris. This proposal the German plenipotentiaries declined to accept, and they strongly support the British plan for the establishment of a bureau in London. The French plenipotentiaries were also unable to agree to other parts of the draft convention, and, although the majority of the powers represented supported these proposals, it was found useless to proceed further in the absence of unanimity.

ACCORDING to an article in the London *Times*, arrangements are now well advanced for the Ninth International Geographical Congress, which is to be held at Geneva during the coming summer, from July 27 to August 6. The congress meets only at intervals of four or five years, and, as the last place of assembly was in the United States, it is nine years since the geographers of the world came together in Europe—at Berlin in 1899. The last occasion on which the congress met in Switzerland was at Berne in 1891. That Geneva should this year be the place of meeting is peculiarly fitting, the Geneva Geographical Society having been founded just half a century ago. The representative character of the congress is already

assured. Dr. Arthur de Claparède, as president of the Geneva Geographical Society, will be the president of the congress. Among the honorary presidents is the president of the Swiss Confederation, while those who have accepted office as honorary vice-presidents comprise the presidents of former congresses, including Sir Clements Markham and Commander Robert Peary; the presidents of over a score of the leading geographical societies of the world, and a long list of distinguished explorers and scientific geographers. The governments of eleven countries (France, Austria, Hungary, Spain, Portugal, Belgium, Switzerland, Rumania, Turkey, the United States and Brazil) have intimated their intention of being officially represented at the congress, and delegates are also expected from between eighty and ninety universities and geographical and other learned societies. For the purposes of the meetings, the field of geography has been divided into fourteen sections, each of which covers some particular aspect of the science, ranging from mathematical geography and cartography through seismology, oceanography, anthropology and economic geography to geographical education and questions of nomenclature. In any of these sections approved contributions may be submitted in one of the four official languages of the congress—English, French, German and Italian.

THE nineteenth annual session of the Biological Laboratory of the Brooklyn Institute of Arts and Sciences will be held at Cold Spring Harbor during six weeks, beginning Wednesday, July 1. The laboratory will be open for investigators during the entire summer. The courses of instruction offered are: (1) Field Zoology, by Drs. Davenport, of the Carnegie Institution of Washington; H. E. Walter, of Brown University, and W. M. Wheeler, of the American Museum of Natural History, together with others. (2) Bird Study, including both field and laboratory work and a set of lectures by Mrs. H. E. Walter, joint author of "Wild Birds in City Parks." (3) Comparative Anatomy, by Professors H. S. Pratt, of Haverford College, and

D. S. Hartline, of Pennsylvania State Normal School. (4) Beginning Zoological Investigation, with lectures on Animal Bionomics and evolution, by Dr. Davenport. (5) Cryptogamic Botany, by Professor D. S. Johnson, of Johns Hopkins University, and H. H. York, of the University of Texas. (6) Plant Ecology, by Mr. George D. Fuller, of the University of Chicago. (7) Beginning Research in Botany, by Messrs Johnson and Fuller. No formal course in embryology and microscopic technique is given this year, but Mrs. Davenport and Miss Mabel Bishop, of Smith College, will give the necessary practical instruction to those desiring assistance in these subjects. The Biological Laboratory undertakes to provide dormitory rooms and boarding arrangements for all students and its equipment in this respect has been greatly increased by the gift from Mrs. Blackford of a new fire-proof building as a memorial to Mr. Eugene G. Blackford. Tuition for those taking courses of instruction is \$30. Further details are given in the announcement just issued, which may be obtained from the director of the laboratory, C. B. Davenport, Cold Spring Harbor, Long Island, N. Y.

THE Russian government is despatching a research commission to investigate one of the latest discoveries of mammoth remains in the Yakutsk Province of Northeast Siberia. The commission consists of a doctor of zoology of the Academy of Science; the senior curator of the zoological department of the academy, and six junior laboratory students. One of the most remarkable features of the discovery is the existence in the intestines of this extinct animal of perfectly conserved food, relics of a vegetation until now unknown to science. The expedition, which is expected to be absent for a year or more, is supplied with a grant of 16,000 roubles. The framework of this mammoth is to be deposited in the St. Petersburg Museum of the Academy of Arts, where there is already one other specimen.

THE STATE UNIVERSITY OF IDAHO, located at Moscow, has just entered into a cooperative agreement with the United States Forest Ser-

vice to carry on a series of tests to determine the relative value of the commercial timbers of the state. All the tests will be made at the university in accordance with the methods used by the government, and at least once a year a testing engineer of the Forest Service will make a careful inspection and report upon the progress of the work. These tests will be of considerable value in ascertaining for what purposes and uses the timbers of Idaho are best adapted. Bridge stringers will be tested to determine the fitness of different species for the construction of trestles and bridges; the spike-holding power will also be investigated to determine just what species can be advantageously used for railroad ties and tests will be made to determine the relative hardness, which property is very important in material used for paving blocks. The Forest Service at other laboratories in various parts of the country is making tests on important timbers from other sections, and by cooperating with the service the university will secure results which will furnish an accurate basis for comparing Idaho timber with timber from other states.

UNIVERSITY AND EDUCATIONAL NEWS

THE regents of the University of Nebraska have established a College of Education for the preparation of teachers, and have tendered the deanship to Dr. Fordyce, professor of zoology in Wesleyan University.

THE University of Cincinnati and the Cincinnati General Hospital will soon employ jointly a pathologist, with the title of professor of pathology in the former institution, and head pathologist in the latter, who will give his whole time to research and instruction in his science. The determination is the result of several years' effort. Plans for the new hospital, now being erected, include an elaborate equipment for the study of pathology.

PRESIDENT FREDERICK M. TISDEL has been deposed by the trustees of the University of Wyoming, the board adopting resolutions which, after charging that he had been guilty of maladministration, insubordination and

untruthfulness in university affairs, adds: *Resolved*, That Frederick M. Tisdell be and is hereby removed from the office of the president of the University of Wyoming; that he be informed at once of his removal, and that all salary and rights appurtenant to such office shall upon such notification immediately cease." President Tisdell has charged the trustees with destroying the usefulness of the university by political machinations.

IN reorganizing the work of some of its departments the Northwestern University Medical School has made these important additions to its faculty: Dr. Arthur W. Meyer, of the University of Minnesota, has been called to the chair of anatomy, including histology and embryology in the department, and Dr. Albert N. Richards, of Columbia University, has been called to the chair of pharmacology. Dr. Meyer was graduated from Wisconsin, and took his doctor's degree at Johns Hopkins, where he afterwards gave instruction in anatomy. During the past year he has been the head of that department in the University of Minnesota. Dr. Richards is an alumnus of Yale, and took later the doctor's degree at Columbia. After spending three years at research work in the Rockefeller Institute he became instructor in pharmacology in Columbia, which position he holds at the present time.

THE Harvard Corporation has confirmed the appointment of the following as Austin teaching fellows for the ensuing year: William Robert Davey, Semitic languages; John William Hotson, botany; Arthur Merle Hurlin, music; Paul Weidemeyer Graff, botany; Herbert Eugene Merwin, mineralogy and petrography; Horace Upham Ransom, applied mechanics; Mason Thacher Rogers, civil engineering; Herbert Joseph Spinden, anthropology.

DR. ANATHON AAL, docent for philosophy at Halle, has accepted a call to a professorship in the University of Christiania.

M. CAMILLE MATIGNON has been appointed professor of inorganic chemistry in the Collège de France as successor of H. Le Chatellier.