

Institute, the Field Museum of Natural History and the Chicago Academy of Sciences.

In addition to the usual program of papers, three special features are proposed for the meeting:

1. *An exhibit of museum devices.* This is intended to include devices of all kinds which, whether original or not, have proved useful in various museums.

2. *A discussion of the future work of the association.* An effort will be made to determine the advisability of undertaking certain lines of work which have been proposed. Among these the most prominent are:

(a) Publication of a Directory of American Museums of Art and Science. The secretary will submit data concerning the cost and scope of this work and general discussion of these data is desired.

(b) Publication of an annual table of museum statistics, either as a supplement to the directory of museums or independently.

(c) Establishment of a bureau of information and permanent exhibit of museum technique, to which museums would contribute plans of buildings and cases, samples of labels and other devices of installation, etc., and to which museums may apply for information on matters of museum practise and perhaps for loan of samples.

(d) Advisability of publishing a journal.

3. *A general discussion of topics of special interest.*

(a) Educational work of museums. In view of the wide interest manifested in various phases of the educational work of museums, the time seems ripe for a general discussion of the relation of educational work to other museum functions and for a concise review of the educational work actually being done, with a discussion of practicable means of co-operation between museums. It is desired that this discussion shall serve to define the attitudes taken by the various classes of museums of art and science to this subject.

(b) Reciprocal relations between museums in securing the services of lecturers and experts, in carrying on field explorations, and in exchange of economic and educational collections.

(c) Adaptation of buildings to museums, including a discussion of floor plans, natural and artificial lighting, and the general arrangement of exhibits and grouping of subjects. Exhibits of floor plans will facilitate discussion of this subject.

(d) Methods of exhibiting valuable books.

(e) Advisability of free distribution of museum publications.

Members who attend the meeting are requested to come prepared to discuss these subjects and to contribute to the exhibit of museum devices whatever is likely to be of interest to others. Inquiries and suggestions may be addressed to the secretary.

Announcement of headquarters and other details will be made shortly by the entertainment committee.

PAUL M. REA,
Secretary

THE CHARLESTON MUSEUM,
CHARLESTON, S. C.

SCIENTIFIC NOTES AND NEWS

As a matter of information for those who plan to attend the summer meeting at Dartmouth College, beginning on June 29, the local committee thinks it proper to mention the facilities for reaching that place. The railroad station is known as "Norwich and Hanover" on the Passumpsic Division of the Boston and Maine Railroad. White River Junction, four miles south of Hanover, is the center of four lines of railroad: The Concord Division of the B. & M. system; the Central Vermont Railroad and the Connecticut River Division, B. & M. R. R. (eight hours to New York) and also connecting at Greenfield and Springfield (Boston and Albany R. R.) for the West; the Central Vermont Railroad, making connection with Montpelier, Burlington and the West (thirty hours to Chicago); the Passumpsic Division, B. & M. R. R. (eight hours to Montreal). It may be added for the benefit of members who would come by way of New York that the White Mountain express will probably be put on for the summer about that time. This train has heretofore left New York at 8:40 A.M., and is due at Hanover Station at 4:45 P.M.—a through train from

New York without change of cars. The regular fare is about \$5.85, the distance 265 miles.

THE summer meeting of the American Chemical Society will be held in New Haven on Tuesday, Wednesday and Thursday, June 30, July 1 and 2.

THE celebration of the hundredth anniversary of the birth of Charles Darwin and the fiftieth anniversary of the publication of "The Origin of Species," planned by Cambridge University, will be held on June 22, 23 and 24, 1909. Arrangements are being made by the New York Academy of Sciences and by Columbia University to celebrate the hundredth anniversary of Darwin's birth on February 12, 1909. This is the birthday of Lincoln as well as of Darwin and, being a public holiday in New York State, will give a suitable opportunity for the celebration.

Nature states that Lord Rayleigh will probably be elected to the vacant chancellorship of the University of Cambridge in succession to the late Duke of Devonshire. Lord Rayleigh was professor of experimental physics at Cambridge from 1879 to 1884.

ON the nomination of the Prussian Ministry of Education Dr. Max Verworn, professor of physiology at Göttingen, has been appointed to be Kaiser Wilhelm professor at Columbia University for the year 1908-9.

DR. ROBERT KOCH arrived at New York from Bremen on the *Kronprinzessin Cecilie* on April 7. The German Medical Society gave a banquet in his honor on April 11.

PROFESSOR A. CRUM BROWN, F.R.S., professor of chemistry in the University of Edinburgh, proposes to retire from the chair which he has occupied since 1869.

THE British Society of Dyers and Colorists met on April 3, at Bradford, when the president, Professor R. Meldola, F.R.S., delivered his presidential address on "The Founding of the Coal-tar Color Industry." The first awards of the Perkin medal were made to Professors C. Graebe and C. Liebermann for their synthesis of alizarin.

IN commemoration of the twenty-first anniversary of Sir William Ramsay's election to

the chair of chemistry in University College, London, the professors of the college entertained him at dinner on March 18. The provost, Dr. T. Gregory Foster, was in the chair, and covers were laid for eighty guests.

APRIL 9 marked the twenty-fifth year of service in the United States Department of Agriculture on the part of Dr. Harvey Washington Wiley. An appreciation of his work was evidenced in a dinner given him on the anniversary at Hotel Astor, New York City. About two hundred prominent members of the chemical profession attended. The officials of the committee in charge of the dinner were, Professor Charles Baskerville, chairman; Dr. Walker Bowman, secretary, and Mr. Maximilian Toch, treasurer. Dr. William J. Schiefelin acted as toastmaster. Many prominent chemists spoke, congratulating Dr. Wiley on completing a quarter of a century's work for the government in behalf of its people. An embossed album with the signatures of those attending the dinner was presented to him.

ACCORDING to foreign journals the Paris Academy of Sciences has appointed a committee, composed of MM. Becquerel, Bouquet de la Grye and Poincaré, to consider a suggestion by M. Bouquet de la Grye concerning the application of wireless telegraphy to the problem of the determination of longitude at sea. The idea is to utilize the wireless telegraph station of the Eiffel Tower in order to send, for instance, every night at midnight a Hertzian signal giving the time of the meridian of Paris. M. Bouquet de la Grye thinks that if a station were established at the Peak of Teneriffe signals could be detected completely around the earth.

THE ninth lecture in the Harvey Society course will be given at the New York Academy of Medicine building on Saturday evening, April 18, at 8:30 P.M., by Professor Alonzo E. Taylor, University of California. Subject: "The Rôle of Reversed Ferment Reactions in Metabolism."

A BILL has been passed by the Virginia legislature establishing a Virginia State Geological Survey. The bureau is to have its headquarters at the University of Virginia,

and the board is to be composed of the governor (*ex officio*), the president of the university, the president of the Virginia Polytechnic Institute, and two citizens. An annual appropriation of ten thousand dollars is provided.

By the conjoint action of the National Academy of Sciences and of the trustees of the Elizabeth Thompson Science Fund a table has been secured permanently for the use of American investigators desiring to work at the International Scientific Station on Monte Rosa. This station offers facilities for work in physics, meteorology and physiology, but any appropriate research may be carried on there. The right of appointment to the American table vests in the trustees of the Thompson Fund. Applications for appointment should be addressed to the secretary, Dr. Charles S. Minot, Harvard Medical School, Boston, Massachusetts.

A MOVEMENT is under way to secure the use of the new congressional office building or a part of the capitol to house the International Congress on Tuberculosis that is to be held in Washington next September. A great exhibition illustrative of what is being done, the world around, in the fight against the disease, will be held in connection with the congress, and the two will continue from September 21 to October 12.

THE International Congress of Navigation, which is to be held in St. Petersburg in June, is organized by the International Association of Congresses of Navigation, which has its permanent commission in Brussels, composed of delegates from the various states that have joined the association. The chief aim of the congress will be the consideration of questions connected with river and canal navigation and the industrial and commercial use of waterways and seaports.

THE Paris Academy of Sciences has received a legacy of £400 from M. Sabatier to found a biennial prize to be known as the Sabatier prize.

ADVICES from Sydney state that the zoological gardens there are at present particu-

larly interesting to visitors by reason of the inclusion of over 100 rare birds and animals destined for the London Zoological Society's show at the Franco-British Exhibition this summer. These specimens will be shipped for England by a steamship scheduled to sail from Sydney on April 11 and due in London on June 7.

UNIVERSITY AND EDUCATIONAL NEWS

PRINCETON UNIVERSITY has received \$250,000 from Mrs. Russell Sage for a freshman dormitory. The university has also received \$130,000 from other sources, including over \$50,000 from the General Education Board.

COLUMBIA UNIVERSITY has received \$100,000 from the children of the late Rev. Orlando Harriman, who graduated from Columbia in 1835, to be used for the endowment of a chair in English. Other gifts to the university, amounting to \$40,000 are also announced.

THE medical schools of Indiana University and of Purdue University will be united and conducted under the charge of Indiana University. A complete medical course of four years will be conducted at Indianapolis, while the first two years will also be given at Bloomington. It will be remembered that Purdue University, which is primarily a school of engineering, was instrumental in consolidating various proprietary medical schools at Indianapolis, where Indiana University also conducted a medical school. There had been some conflict between the two schools, and it is fortunate that Indiana will now have a strong medical school under the auspices of its state university.

MR. GEORGE S. DAVIS, associate superintendent of schools in New York City, has been chosen president of the New York Normal College. The salary of this position is \$8,250 with an annuity of \$5,000.

THE Rev. Dr. S. Parkes Cadman, of Brooklyn, has declined to become president of Wesleyan University.

DR. M. E. WADSWORTH, dean of the School of Mines and professor of mining and geology in the Pennsylvania State College, was elected