

tific visitors in the island was especially prepared for distribution at the Baltimore meeting. Those who desire the literature or wish information about the trip or are in any way interested in the meeting are requested to address Mr. Albert F. Judd, Secretary Hawaii Committee, Judd Building, Honolulu, H. I.

It is desired that you state to the committee the particular subject that interests you most that detailed information may be sent you thereon. The farther advantages of having your name and address will be that it will enable the local committee to keep you informed of special rates and other matters of interest to those contemplating the journey. It is desirable at the present time to secure the assurance of your interest, the matter of coming can await further consideration.

WM. ALANSON BRYAN

SCIENTIFIC NOTES AND NEWS

THE meeting of the Chicago Academy of Sciences on February 23 was in honor of Charles Darwin. Professor C. O. Whitman, of the University of Chicago, gave an address on "Some of the Principles of Organic Evolution as revealed in the Pigeon World."

THE Rochester Academy of Science held on February 22 a meeting in commemoration of the Darwin centennial. Addresses were made by Professor C. W. Dodge, on the life and work of Darwin; by Professor H. L. Fairchild, on Darwin and geology; and by Professor W. D. Merrill, on Darwin and botany. An exhibition was made of material illustrating evolution.

WE learn from *Nature* that at the meeting of the Royal Society on February 18, telegrams of congratulation on the hundredth anniversary of the birth of Charles Darwin were read from the University of Christiania, the University, Kharkoff, the Naturalists Students Association, Kharkoff, the Society of Naturalists, Kharkoff, the council of lecturers, Moscow Women's University and the Swedish Academy of Sciences, Stockholm. The president reported that telegraphic acknowledgments and thanks had been trans-

mitted to the senders on behalf of the Royal Society.

A MEETING of the Leeds Naturalists' Club was held on February 15 to celebrate the Darwin centenary, when Mr. Harold Wager, F.R.S., delivered an address on the life and work of Darwin.

M. H. POINCARÉ has been elected president of the French Bureau des Longitudes.

THE University of Liverpool will confer its doctorate of laws on Mr. William Marconi; its doctorate of science on Mr. Francis Darwin and Mr. J. L. Todd and its doctorate of engineering on the Hon. C. A. Parsons.

THE universities of Oxford and of Cambridge have conferred the degree of D.Sc. on Dr. Sven Hedin.

THE seventieth birthday of Dr. G. Lunge, professor of chemistry at Zurich, will be celebrated on September 15.

DR. DAVID STARR JORDAN, president of the American Association for the Advancement of Science, has appointed the following committee to inquire into the manner and course of publication, distribution and use of publications, of American scientific societies: Franz Boas, chairman; R. S. Woodward; William Trelease; J. McK. Cattell; E. G. Conklin.

MR. A. L. BOWMAN is chairman of a special committee appointed by the American Society of Civil Engineers "to consider and report upon the design, ultimate strength and safe working values of steel columns and struts."

MR. JOHN C. OSTRUP, professor of structural engineering at the Stevens Institute of Technology, has been elected a member of the Institution of Civil Engineers of Great Britain.

MR. W. F. BATTERSBY, of the School of Mines, Kingston, Ontario, has won the prize of one hundred dollars which was offered by Mr. J. B. Tyrrell, of Toronto, for the best collection of minerals made in the Province of Ontario during the past year.

PROFESSOR W. M. DAVIS, of Harvard University, now serving as professor in the University of Berlin, has conducted a geological

excursion of some sixty students through the Wera and Leine Valleys.

SIR RUBERT BOYCE, F.R.S., dean of the Liverpool School of Tropical Medicine, is on behalf of the Colonial Office visiting the West Indies for the purpose of looking into the present methods of dealing with sickness and recommending what can be done to promote the physical welfare of the people.

THE Yale Chapter of Sigma Xi held its annual banquet February 27, following the initiation of the new members. Dr. W. N. Rice, professor of geology at Wesleyan University and holder of the first doctor's degree awarded by Yale for study in geology, delivered the formal address of the evening. He spoke on "The Return to Faith," discussing the newer relation of science to religion. Other speakers were Professor Ross G. Harrison; Professor William Hallock, of Columbia University; Professor Charles W. Brown, of Brown University; Assistant Professor R. C. Hawley, '04F., Davenport Hocker, '08, and F. L. Gates, '09.

At the meeting of the Chicago Section of the American Mathematical Society, the following officers were elected: G. A. Miller, University of Illinois, *chairman*; H. E. Slaught, University of Chicago, *secretary*; O. D. Kellogg, University of Missouri, *member of the program committee*. The next meeting of the section will be held at the University of Chicago on April 10 and 11.

At the annual meeting of the Physical Society, London, the following officers were elected: *President*, Dr. C. Chree; *vice-presidents*, those who have filled the office of president, together with Mr. W. Duddell, Professor A. Schuster, Mr. S. Skinner and Dr. W. Watson; *secretaries*, Mr. W. R. Cooper and Dr. S. W. J. Smith; *foreign secretary*, Professor S. P. Thompson; *treasurer*, Professor H. L. Callendar; *librarian*, Dr. W. Watson.

At the anniversary meeting of the Geological Society of London, the officers were elected as follows: *President*, Professor W. J. Sollas; *vice-presidents*, Mr. G. W. Lamplugh, Mr. H. W. Monckton, Dr. J. J. H. Teall and

Professor W. W. Watts; *secretaries*, Professor E. J. Garwood and Dr. A. Smith Woodward; *foreign secretary*, Sir Archibald Geikie; *treasurer*, Dr. Aubrey Strahan.

THE Congress on Tropical Diseases, which was opened at Bombay on February 22, was attended by representatives of all parts of India and by Major Ronald Ross, of Liverpool, Professor Shiga, of Japan, and Dr. Musgrave, of the Philippines. The congress is accompanied by a popular medical exhibition.

DR. FREDERICK W. TAYLOR, past-president of the American Society of Mechanical Engineers, gave an address before the College of Engineering of the University of Illinois on February 18.

PROFESSOR CHARLES L. EDWARDS, of Trinity College, will address the Scientific Society of Stamford, Conn., on March 12, on the subject of "The Methods and Results of Deep-sea Exploration."

DR. GEORGE GRANT MACCURDY, of Yale University, gave a lecture before the Buffalo Society of Natural Sciences on February 26, his subject being "The Ancient Art of Chiriqui."

A MEMORIAL has just been erected in Kensington Cemetery, London, to the memory of Admiral Sir Francis Leopold McClintock, the Arctic explorer and discoverer of the lost Franklin expedition. It takes the form of an old style wheel cross standing on a massive molded base, reaching to a height of 10 feet and executed in rough silver-gray Cornish granite.

DR. JAMES W. MOORE, professor of physics in Lafayette College since 1872, died on February 28, at the age of sixty-four years.

SIR GEORGE KING, F.R.S., eminent for his researches on the flora of India, died on February 13, at the age of sixty-eight years.

DR. DAVID JAMES HAMILTON, lately professor of pathology at Aberdeen University and eminent as a pathologist, died on February 19, in Aberdeen, at the age of 60.

A GOVERNMENT laboratory of bacteriology has been founded in Warsaw. The director is Dr. Tscharnozky. The laboratory is in-

tended chiefly for the purposes of veterinary and public health researches.

THE University of Heidelberg has received from a foreign benefactor interested in the advancement of science the sum of over \$30,000 towards the foundation of a radiographic institute.

DR. FRANCIS ELGAR, F.R.S., the naval architect, who died on January 17, aged sixty-three, left an estate of the value of £80,000. The testator left £1,600 to the Institution of Naval Architects for the endowment of a scholarship. After making other bequests, he left half of the residue of his property (which will apparently amount to about £33,000), subject to the interest of his wife during widowhood, as to one half to the Institution of Naval Architects for the encouragement of the science and art of naval architecture, and one half to the University of Glasgow, to be held upon trust for the furtherance of the objects of the John Elder chair of naval architecture in that university.

A BALLOT of the proprietors of the London Institution on the proposed amalgamation with the Royal Society of Arts has been taken and resulted as follows: For amalgamation, 322; against, 218. The proprietors, of whom there are 850, were asked to say whether they approved of the drafting of an act of parliament for the amalgamation of the two institutions on the lines of the scheme which was drawn up by the joint committee in 1905. In a preliminary postcard poll 524 voted in favor of the proposal and only 84 against it.

OFFICIAL information has been received by the U. S. Bureau of Education at Washington that an International Musical Congress will be held at Vienna at the end of May, 1909, in connection with the centennial celebration of the birth of Josef Haydn, the composer. A desire has been expressed that the United States should be represented in this congress.

AN International Exhibition of Hygiene will be held at Turin during September, October and November.

WE learn from the *British Medical Journal* that the second International Conference on

Leprosy will be held this year at Bergen from August 16 to 19. The preliminary program includes the following subjects: The geographical distribution of leprosy; the forms and diagnosis of the disease; its causes and manner of propagation; its pathological anatomy, and its treatment. The conference will be held under the patronage of the Norwegian Government and King Haakon. The president will be Dr. G. Armauer Hansen, discoverer of the *Bacillus lepræ*. The vice-president is Professor C. Boeck, of the University of Christiania, another recognized authority on leprosy. The secretary is Dr. H. P. Lie, of Bergen, to whom all communications relative to the congress should be addressed.

WE learn from the London *Times* that at a meeting of the joint organizing committee of the International Congress of Applied Chemistry, held in the rooms of the Chemical Society at Burlington House, the secretary presented a report giving details of the progress made since the last meeting of the committee in June, 1908. It was stated that £4,400 had been received in response to a special appeal issued in December. The government was stated to be considering the question of defraying the cost of the South Kensington group of buildings, belonging to the University of London, for the meetings of the congress. Several members of the government have accepted the offices of honorary vice-presidents of the congress, including Lord Morley (Secretary of State for India) and Mr. Haldane (Secretary of State for War). The Society of Chemical Industry, which numbers over 4,000 members, has arranged to hold its annual meeting for 1909 in London on May 26, the day preceding that of the opening of the congress, and the London members of this society have also arranged to entertain the members of the congress on the evening of May 29. Foreign and colonial governments, and the leading scientific and technical societies, have been asked to appoint delegates to represent them at the congress. These delegates will rank as honorary and as ordinary members of the congress respectively.