

chemists has been compiled, but it is far from complete. All interested in receiving these circulars of information should address a request to that effect to the chairman of the American Committee on Organization.

Intending members are requested to send a check for \$4.85 to Dr. H. W. Wiley, U. S. Department of Agriculture, Washington, D. C., who will give a receipt therefor and transmit the amount to Berlin.

Titles of papers should be sent to the American chairmen of the various sectional committees. (See SCIENCE, No. 414, December 5, 1902, p. 899.)

It is hoped that the interest which has already been manifested by American chemists in this congress will continue, and that next to Germany we may have the largest number of members enrolled.

H. W. WILEY,
*Chairman, American Committee
on Organization.*

SCIENTIFIC NOTES AND NEWS.

DR. ALBERT B. PRESCOTT, professor of chemistry in the University of Michigan, has been given the degree of LL.D. by Northwestern University.

DR. KARL GEGENBAUR, professor of anatomy at the University of Heidelberg, has been made a knight of the Prussian order 'Pour le merite'; and Professor Luigi Cremona, director of the School of Engineering at Rome, has been made a foreign member of the same order.

DR. FRIEDRICH SCHOTTKY, professor of mathematics at Marburg, has been elected a member of the Berlin Academy of Sciences.

THE Carnegie Institution has made a grant of \$1,000 to Professor H. V. Wilson of the University of North Carolina, for the prosecution of an investigation on the morphology and classification of sponges.

PROFESSOR S. W. WILLISTON, of the University of Chicago, has received a grant from the Carnegie Institution for a monographic study of the plesiosaurs. Professor E. C. Case, of the State Normal School of Milwaukee, Wis.,

has received a similar grant to aid him in researches on the Permian reptiles.

A PRESS despatch states that the Carnegie Institution has made grants of money to professors of the Johns Hopkins University as follows: Professor R. W. Wood, professor of experimental physics, \$1,000 to maintain a research assistant in his laboratory; Dr. H. N. Morse, professor of analytical chemistry, \$1,500 to enable him to retain the services of an assistant during the current year in his investigations upon his newly discovered method of measuring osmotic pressures; Dr. Harry C. Jones, professor of physical chemistry, \$1,000 for an assistant; and Dr. J. J. Abel, professor of physiological chemistry, \$1,000 for the purchase of apparatus necessary in his work.

PROFESSOR E. B. POULTON, of Oxford University, has been elected president of the Entomological Society of London.

AN Electrochemical Society has been established in Great Britain, with Dr. J. W. Swan as president. The vice-presidents are Professor A. Crum-Brown, Sir Oliver T. Lodge, Dr. Ludwig Mond, Lord Rayleigh, Mr. Alexander Siemens and Mr. J. Swinburne.

MAYOR LOW, of New York city, has appointed a commission to pass on the plan of the new Manhattan bridge over the East River, consisting of Lieut. Col. Charles W. Raymond, U.S.A., Mr. George S. Morrison, Mr. Charles C. Schneider, vice-president of the American Bridge Company; Mr. Henry W. Hodge and Professor Mansfield Merriman, of Lehigh University.

PROFESSOR W. S. FRANKLIN, of Lehigh University, delivered a lecture before the Pittsburgh Academy of Science, on February 5, on the subject of 'Lens imperfections and their compensation.'

PROFESSOR CONWAY MACMILLAN, of the University of Minnesota, is recovering from a serious attack of typhoid fever which has kept him from the university since January 6.

JOSEPH BURTT DAVY, instructor in botany in the University of California, has accepted the position of state agrostologist and botanist

to the Department of Agriculture of the Transvaal government, with headquarters in Pretoria.

FATHER EDMUND GOETZ, S.J., who has recently been in this country and is now in Paris, is to take charge of an astronomical, magnetic and meteorological observatory which is to be situated at Buluwayo, Rhodesia, South Africa.

DR. T. G. BRODIE, lately director of the laboratories of the Royal Colleges, London, succeeds Dr. J. Rose Bradford as superintendent of the Brown Animal Sanatory Institution.

WE learn from *The British Medical Journal* that Dr. A. S. F. Grünbaum has been appointed director of the Cancer Research for which Mr. Sutton Timmis, of Liverpool, has recently generously initiated a fund by a donation of £10,000. The work is to be carried on in connection with University College and the Royal Infirmary, Liverpool.

THE committee of the Royal Society appointed to investigate the 'sleeping sickness' in Uganda has received reports from the observers whom they despatched to Uganda in July last. The investigations so far carried out not being considered conclusive, the committee, in view of the great gravity of the situation, have obtained the consent of Lieutenant-Colonel Bruce, F.R.S., one of their own members, to proceed at once to Uganda to superintend further investigations into this disease.

DR. JEAN CHARCOT, of Paris, will leave in May with a staff of scientific experts for arctic explorations north of Franz Josef Land and Nova Zembla.

THE senate has passed a bill pensioning the widow of the late Colonel Walter Reed at the rate of \$125 a month. The house committee on pensions has given a hearing on the bill providing for a pension of \$4,000 a year. Those invited to address the committee included President Gilman, of the Carnegie Institution; Professor William Welch, of Johns Hopkins University; Dr. Alexander Graham Bell and Surgeon-General Robert O'Reilly, U.S.A.

WE learn from *Nature* that an influential committee has been formed in Rome to take measures to honor the memory of Father A. Secchi, S.J., the distinguished astronomer and meteorologist, on the occasion of the twenty-fifth anniversary of his death, which occurred on February 26, 1878. The president of the committee, Father G. Lais, S.J., vice-director of the Vatican Observatory (address, Via Torre Argentina, 76, Rome), will be glad to add the names of scientific men and institutions to the list of those interested in this celebration.

THE Rev. Norman Macleod Ferrers, D.D., F.R.S., since 1880 master of Gonville and Caius College, Cambridge, died on January 31 in his seventy-fourth year. He was senior wrangler in 1851. He for a time edited the *Quarterly Journal of Mathematics* in conjunction with the late Professor Sylvester, and made numerous contributions to that journal. His best known work was a treatise on spherical harmonics.

MR. JAMES GLAISHER, F.R.S., well-known for his work in meteorology and aeronautics, has died at the age of ninety-four years. He was for many years superintendent of the meteorological department of the Greenwich Observatory.

DR. DAVID GEORGE RITCHIE, professor of logic and metaphysics at St. Andrews University, died on February 3, aged fifty years. He was from 1878 to 1894 fellow of Jesus College, Oxford. He was the author of numerous articles and books on philosophy, political science and ethics. Though belonging to the group of philosophical students influenced by Thomas Hill Green, he was well acquainted with modern science and published in 1899 a book entitled 'Darwinism and Politics.'

PROFESSOR EDWARD R. SHAW, recently elected superintendent of Public Schools of Rochester, N. Y., and until recently dean of the New York University School of Pedagogy, died on February 11.

THE deaths are also announced of M. Sirodot, honorary professor at Rennes and a corresponding member in botany of the Paris

Academy; of Joseph Chavanne, the Austrian geographer and meteorologist, and of Dr. Rudolf Franz, a Berlin physicist.

THE bill creating a department of commerce, with a secretary in the cabinet, has passed the house and senate. The new department will consist of the Bureau of Corporations, the Bureau of Labor, the Lighthouse Board, the Lighthouse Establishment, the Steamboat Inspection Service, the Bureau of Navigation, the Bureau of Standards, the Coast and Geodetic Survey, the Commissioner General of Immigration, the Commissioners of Immigration, the Bureau of Immigration and the immigration service at large, the Bureau of Statistics of the Treasury Department, the Shipping Commissioner, the Bureau of Foreign Commerce (now in the Department of State), the Census Bureau, and the Fish Commission.

THE senate judiciary committee has made a favorable report on the bill to establish a laboratory for the study of the criminal, pauper and defective classes, a similar bill having been reported favorably by the house judiciary committee.

It will be remembered that last year congress made an appropriation of \$5,000 to prepare plans for the building for the National Museum. We understand that the tentative plans have been prepared and transmitted to the House of Representatives. They call for a fireproof steel brick and terracotta building to cost \$3,000,000, only one half of which is to be erected at present. It is to be hoped that congress will find time to attend to the matter, as it is universally admitted that the present building is entirely inadequate.

ANNOUNCEMENT has been published to the effect that the land purchased for the Rockefeller Institute for Medical Research is part of the old Schermerhorn farm. It extends from Avenue A to the East River, and from 64th to 67th St. The price paid for the land is reported to be \$700,000, and it is said that the laboratory to be erected on it will be the most complete institution of its kind in the world.

MR. ANDREW CARNEGIE will erect a library at Atlantic City at a cost of \$60,000; and one at Dover, England, at a cost of £10,000.

THE Imperial Academy of Sciences of St. Petersburg in cooperation with the government offers 7,500 roubles in prizes for research solving the cause of poisoning through the use of salted raw fish. The papers, which may be in English, must be presented by January 1 next.

THE Michigan Academy of Sciences meets at the University of Michigan on March 26, 27 and 28.

THE French Congress of Scientific Societies will hold its forty-first annual meeting at Bordeaux from April 14 to 18.

THE International Congress of Historical Science will meet at Rome from April 2 to 9. One of the eight sections is devoted to the history of science.

THE Linnean Society of London has taken action to alter its charter so that hereafter women may be elected as fellows.

It is reported that German explorers have recently discovered a fossil horse in central Africa. We may soon look for rapid extension of our knowledge of the fossil Equidæ of this continent.

THE United States Geological Survey, in cooperation with the state of Maine, has recently issued a new map of the region surrounding the entrance to the Penobscot River, known as the Castine quadrangle. The map is uniform with the maps already issued by the government of other parts of the state. It differs from the charts issued by the Coast and Geodetic Survey in giving the details of features on the islands and the mainland, whereas the latter maps are confined almost exclusively to the marine features of the region—soundings, channels and the outlines of the coast. Like other maps of the Geological Survey, the Castine sheet illustrates the topography or relief of the land features, giving at the same time in great detail all roads, settlements and rivers, and, in addition, the elevation above sea level of all parts of the region shown.