

will be visited. The quarry has produced in recent years a greater variety of interesting minerals than any other in this locality, and is always an attraction to visiting mineralogists.

Saturday the party will devote its attention to the faulting within the Triassic valley. The fault-line between the Lamentation Mountain block and the Hanging Hills block will be the particular study. Step faults and drag dips are frequent along the fault-line and give clear evidence of the magnitude of the faulting movements.

On Friday evening Professor W. M. Davis will speak on the Connecticut Triassic area as a whole. Professor W. N. Rice will then outline the details of the Saturday excursion and Professor W. G. Foye discuss the pegmatite quarries in the vicinity of Middletown. Immediately before these talks a luncheon will be served to the visiting geologists by Wesleyan University.

A collection of minerals from the pegmatites including one of the largest known collections of uraninites in the country will be on exhibition.

A cordial invitation is extended to all teachers and graduate students of geography and geology in the high schools, normal schools and colleges of New England.

#### LECTURES ON ASTRONOMICAL SUBJECTS AT THE CALIFORNIA ACADEMY OF SCIENCES

THE first course of lectures to be offered this year by the California Academy of Sciences has been arranged and will consist of four or more lectures on astronomical subjects. Each lecture will be illustrated. The course will be as follows:

September 26. Dr. W. W. Campbell, director, Lick Observatory, Mount Hamilton, Calif. Subject: "The solar system."

October 3. Dr. A. O. Leuschner, dean of the graduate division, University of California. Subject: "Comets."

October 10. Dr. R. G. Aitken, astronomer, Lick Observatory, Mount Hamilton, Calif. Subject: "The binary stars."

October 17. Dr. J. H. Moore, astronomer, Lick Observatory, Mount Hamilton, Calif. Subject: "The nebulae."

#### SCIENTIFIC NOTES AND NEWS

DR. LEO S. ROWE, assistant secretary of the treasury and formerly professor of political science in the University of Pennsylvania, has assumed the directorship of the Pan-American Union at Washington, succeeding Dr. John Barrett, who has retired after fifteen years as head of the union.

At a meeting of the Society of Chemical Industry in New York City on September 27, the Grasselli medal was conferred on Dr. Allen Rogers, of the Pratt Institute. The presentation address was made by Professor M. T. Bogert.

PROFESSOR FREDERICK HAYNES NEWELL, head of the department of civil engineering at the University of Illinois and formerly director of the United States Reclamation Service, has resigned and will go to California.

DR. ERNEST W. BROWN, professor of mathematics in Yale University, is on leave of absence during the first half of the current academic year and is sailing for England early in October to be away for a couple of months. His address there will be Christ's College, Cambridge.

PROFESSOR CHARLES A. KOFOID, of the University of California, has returned to Berkeley from a tour of the British and French institutes of parasitology and tropical medicine. He delivered addresses at the British Association for the Advancement of Science on "Hookworm and human efficiency" and on "The neuromotor system of flagellates and ciliates and its relation to mitosis and the origin of bilateral symmetry." He was elected vice-president of the Zoological Section of the association and received the honorary degree of doctor of science from the University of Wales.

MR. E. C. LEONARD, of the division of plants, U. S. National Museum, who accompanied Dr. W. L. Abbott to Haiti in February for botan-

ical explorations, returned to Washington on July 30.

PROFESSOR JOSEPH F. ROCK, formerly professor in the College of Hawaii, Honolulu, has left Washington upon an extended trip of agricultural exploration in eastern Asia for the Office of Foreign Seed and Plant Introduction, U. S. Department of Agriculture, with which he has recently become connected.

At the congress of physiologists held in Paris last July under the presidency of Professor Charles Richet, the Americans in attendance were Professor G. N. Stewart, Western Reserve University; Professor Frederic S. Lee, Columbia University; Professor Graham Lusk, Cornell University; Dr. L. J. Henderson, Harvard University; Professor J. J. R. Macleod, Toronto University, and Professor Fraser Harris, Dalhousie University.

SIR WILLIAM MACEWAN has been elected president of the International Society of Surgery, whose next meeting will probably be held in London during the summer of 1923.

THE following officers of the Pacific Division of the Phytopathological Society of America have been elected and will hold office for two years: *President*, Dr. H. S. Reed, Riverside, California; *Vice-president*, Dr. J. W. Hotson, University of Washington, Seattle; *Secretary-Treasurer*, Dr. S. M. Zeller, Oregon Agricultural College, Corvallis, Oregon.

J. J. DAVIS has resigned as agent in charge of the Japanese beetle control project at River-ton, New Jersey, to accept a position as head of the departments of entomology of Purdue University and the Indiana Agricultural Experiment Station, effective on October 1.

MR. R. M. OVERBECK, geologist, has resigned from the U. S. Geological Survey to accept a position with an oil company.

THE *Proceedings* of the Washington Academy of Sciences states that while in charge of a Coast and Geodetic Survey subparty working in New Mexico, Mr. R. L. Schoppe was struck by lightning and seriously burned, but is recovering.

ACCORDING to the Berlin correspondent of the London *Times* Professor Einstein is so much disgusted by attacks made upon him by certain of his anti-semitic scientific colleagues that he may leave Berlin altogether. The *Tageblatt* makes a strong protest against the annoyance to which Professor Einstein has been subjected, which it describes as disgraceful. It says: "It is the duty of the Berlin University to do all in its power to keep Professor Einstein. Every one who desires to maintain the honor of German science in the future must now stand by this man." Professor Einstein himself makes a reply in the *Tageblatt* to his assailants. He ends by saying that it will make a singularly bad impression on his confrères to see how the theory of relativity and its originator are being traduced in Germany.

THE botanists of America have sympathized deeply with the eminent French bryologist, M. Jules Cardot, whose house at Charleville was wrecked and the most valuable part of his library and collections destroyed by the German invaders. Not only was this done, but M. Cardot's fortune was so impaired by the loss of property due to the war that, for the present at least, he has given up his studies and entered the service of the French Government of Indo-China. A portion of M. Cardot's library and collections valued at 10,000 francs has been acquired by the French National Museum at Paris. The museum contributed 5,000 francs, English bryologists and botanists 2,500 francs and members of the Sullivant Moss Society in excess of the other 2,500 francs. The success of the American subscription was due largely to the efforts of the secretary of the society, Mr. Edward B. Chamberlain.

ARMAND GAUTIER, long professor of biological and medical chemistry in the Paris School of Medicine and distinguished for his contributions to these subjects, has died at the age of eighty-two years.

DR. D. P. VON HANSEMANN, professor of pathologic anatomy at Berlin, has died at the age of sixty-two years.

W. P. RUYSCH, inspector-general of the public health service of the Netherlands and since 1912 president of the public health advisory council, has died at the age of seventy-two years.

PROFESSOR CELORIA, director of the Milan Observatory died on August 17, at the age of seventy-eight years.

THE *Observatory* announces the death of Professor A. Berberich, of the Astronomische Rechen-Institut of Berlin, sometime editor of the *Astronomischen Jahresbericht* and of Robert Philippovitsch Simon Vogel, professor of astronomy and geodesy in the Vladimir University in Kieff, and since 1901 director of the Kieff Observatory.

THE U. S. Civil Service Commission announces an examination for computer, Bureau of Mines, on November 3, 1920, to fill a vacancy in the Bureau of Mines, Pittsburgh, Pa., at \$1,500 a year.

THE eighth annual Indian Science Congress will be held in Calcutta from January 31 to February 5, 1921, under the presidency of Sir R. N. Mukerjee.

THE Carnegie Institution of Washington published on September 9, 1920, the second volume of the *Cactaceæ* by N. L. Britton and J. N. Rose. The first volume of this work was issued June 21, 1919.

MANY American nations, as well as Great Britain, Spain and Portugal, are to be formally invited to participate in the national festivities in November and December in commemoration of the four hundredth anniversary of the discovery of the Straits of Magellan. The festivities will center principally in Santiago and Punta Arenas, the latter the world's southernmost city, where the occasion will be marked by inauguration of important public works, including port improvements, lighthouses in Smith Channel, a highway between Punta Arenas and Natales on the South Atlantic coast and laying of a cornerstone of the Punta Arenas University. It is expected the foreign delegations will visit the straits in December, when warships of the Chilean navy will be assembled there. It was

through these waters that Ferdinand Magellan, the Portuguese explorer, first passed in November, 1520.

#### UNIVERSITY AND EDUCATIONAL NEWS

UNDER the will of the late Mrs. William J. Wright Harvard University has been left over \$23,000, to be known as the "William J. and Georgiana B. Wright Fund," the income to be used for medical research and the advancement of the medical and surgical sciences. A bequest of \$14,000 has been made by the late Dr. James Ewing Mears, of Philadelphia, for the maintenance of a scholarship in medicine and for the work of the Cancer Commission. Edwin F. Atkins, of Boston, has given \$12,000 for tropical research in economic botany.

DR. ROBERT WAITMAN CLOTHIER, professor of farm economics in the Mississippi College of Agriculture and Mechanic Arts, has become president of the New Mexico College.

AT Yale University Adolph Knopf, Ph.D. (California), from the U. S. Geological Survey, becomes associate professor of physical geology and petrology, and Robert A. Patterson, Ph.D. (Yale), assistant professor of physics.

PROFESSOR OSCAR H. PLANT goes to the University of Iowa this year as professor and head of the department of materia medica and pharmacology. Dr. C. S. Chase, who has been head of the department for many years and a member of the faculty since 1892, remains with the university as full professor in the department and will teach pharmacology and engage in research and writing.

DR. OTTO STUHLMAN, JR., formerly at West Virginia University, has been appointed associate professor in physics at the University of North Carolina, which has enlarged its physics staff since the completion of Phillips Hall, the new laboratory.

It is reported in *Nature* that Dr. R. M. Caven has been appointed to the chair of inorganic and analytical chemistry in the Royal Technical College, Glasgow. This vacancy was caused by the transfer of Dr.