

DR. A. HÖRMANN, professor in the Technical Institute at Charlottenburg, died on June 30, at the age of seventy-one years.

JUDGE EDOUARD PIETTE, noted for his writings on prehistoric archeology, died at the Château de la Cour des Prés, Rumigny, Ardennes, on June 5, in his eightieth year. Some years ago he gave his valuable collection, chiefly from the caverns of southern France, to the Museum of National Antiquities at St. Germain-en-Laye, near Paris.

THERE will be on August 8 an examination for the position of fish culturist in the Bureau of Fisheries at salaries ranging from \$540 to \$900.

THE *Experiment Station Record* states that lands have been set aside at Hamakua, Hawaii, for a tobacco farm. Experiments to cover three years are planned, which will be carried out under the direction of the Federal station. The funds for carrying on the farm are to be supplied by private parties.

As a result of the passage of the bill allowing the sale of alcohol without the internal revenue tax, the Department of Agriculture has decided to publish a bulletin on the first of January, 1907, when this law goes into effect, giving the public a collection of the best obtainable data on the use of alcohol in small engines. For this purpose Professor Charles E. Lucke, of Columbia University, has been retained by the department as expert to conduct these investigations in the laboratories of the university. This bulletin will contain all the work done on the subject, both here and abroad, a complete bibliography, together with the results of experiments and the conclusions drawn therefrom on American engines. Those who have patents on the subject or vaporizers, carburetors or complete engines are invited to submit them for tests. These tests will be conducted without expense, except the transportation of the apparatus, and the reports will be published in the bulletin.

THE French government has undertaken to publish the results of Dr. Jean Charcot's antarctic expedition. The Naval Department is to publish the following: (1) Narrative of the voyage; (2) hydrographical results, com-

prising nautical instructions, description, with views and photographs, of the coasts surveyed, maps and charts; (3) astronomical observations; (4) observations on terrestrial gravity; (5) analyses of samples of sea-water; (6) meteorology; (7) terrestrial magnetism; (8) atmospheric electricity; (9) medical report. Further, the Department for Public Instruction is to guarantee the publication of reports on the geology, glaciology, zoology, bacteriology and botany of the expedition. The two parts will constitute one work, which will be entitled 'The Cape Horn Scientific Mission.'

DR. JOSEPH W. RICHARDS, of Lehigh University, is making an extended journey through central Mexico and will later attend the International Geological Congress.

WE learn from *Nature* that arrangements have been completed for the erection of a commodious laboratory for the study of marine biology at Cullercoats, on the Northumberland coast. A much smaller laboratory, which had been provided by Alderman Dent, the chairman of the County Council's fisheries committee, was accidentally burnt down some few years ago, and the proposed building is designed to carry out, not only fishery research, but also general biological studies. The gift of the site and the cost of erection of the building will be borne by Mr. Wilfrid Hudleston, F.R.S., the management being under the control of the Armstrong College at Newcastle.

The British Medical Journal states that the University of Vienna has delegated several of its geologists, together with two professors of chemistry, to join a body of men of science now at work at Carlsbad, to devise means for securing the springs against telluric and seismic disturbances. Once previously, in 1775, when the great earthquake in Lisbon occurred, the waters disappeared for three days, only to return turbid and changed in taste and temperature. But these changes soon passed off.

UNIVERSITY AND EDUCATIONAL NEWS.

ALL-YEAR-ROUND investigation of problems in fresh-water biology is made possible by a recent provision for a division of limnology in the department of invertebrate zoology in

Cornell University. Dr. James G. Needham, of Lake Forest College, has been appointed assistant professor of limnology to take charge of that work. He will enter upon his duties at Ithaca in February, 1907. A site for a biological field station has just been selected on the Renwick Lagoon at the head of Cayuga Lake. It is accessibly located at the end of a street-car line a mile from the university; it is surrounded by a rich fauna and flora, and is well adapted to the investigations to be undertaken there. The necessary station building and equipment will be provided in the spring. In the future a general course in limnology will be offered in the university, and provision will be made for research students from the beginning.

THE council of the Medical Alumni Association of the Harvard Medical School has issued an appeal to the twenty-nine hundred living graduates for subscriptions to increase the salaries of instructors and assistants.

MR. S. F. LEIB, president of the Board of Trustees of Stanford University, and Dr. David Starr Jordan, president of the university, have made public the following notice, under date of July 12: "We desire to inform the students, alumni and friends of Stanford University that the work of the university will continue as usual in all departments for the coming term. The buildings of the inner quadrangle were scarcely injured by the disaster of April. The work of restoration of the outer quadrangle is being pushed as rapidly as possible, and we feel certain that the buildings necessary for the actual work of the university, such as class-rooms, libraries, laboratories and dormitories, will be ready for use by August 23, the date of the entrance examinations for the new term, the registration of students beginning on August 28, and instruction on August 30."

FURTHER details are now announced of the visit of English school teachers to the United States, arranged by Mr. Alfred Mosely. Five parties, each containing one hundred teachers, will come to this country, beginning in November next. They will be given leave of absence with salary by the school, and the

steamship companies will give them return transportation for \$25. It is expected that reduced rates will also be secured from American railways and hotels. Each party will visit the schools of New York City, and of some section of the country. The parties will be only twelve days each in the United States.

DR. G. D. HARRIS, of Cornell University, has been elected to the chair of geology in the Louisiana State University, and will divide his time between university duties and the direction of the geological survey of Louisiana.

RAYMOND LONGLEY, Ph.D. (Chicago), has been appointed instructor in mathematics and astronomy at Yale University.

AT Tulane University, Professor Henry F. Rugan has been advanced to be associate professor of mechanic arts and Dr. Joseph Ivey to be associate professor of mathematics and astronomy.

PROFESSOR W. A. STOCKING, JR., has been appointed assistant professor of dairy bacteriology in the State College of Agriculture at Cornell University. Professor Stocking has been connected with the Connecticut Agricultural College and Experiment Station the past few years.

AT New Hampshire College, Instructor Charles Brooks has been made associate professor of botany. Mr. F. W. Putnam (Worcester, '99) has been made assistant professor of drawing and T. J. Headlee, Ph.D. (Indiana, '06), assistant entomologist. In the chemical department Mr. Charles James, who obtained his training with Sir William Ramsay, has been appointed instructor.

MR. PAUL LANGER, of Milwaukee, has been elected acting professor in the technical institute at Aachen.

The Experiment Station Record states that a chair of fishery and fish breeding has been established at the Agricultural High School of Berlin and will be occupied by Dr. P. Schiemenz, director of the Müggelsee Biological Station, which now becomes a department of the Agricultural High School.