

years, brought him world-wide recognition as a scientist of the first rank.

Professor Morley was of a very modest and retiring nature, never pushing himself forward, and for this reason he was not known intimately to many. But those few who enjoyed the privilege of knowing him well were impressed by the sweetness of his nature, the broadness of his culture and knowledge, the nobleness of his spirit and the wisdom of his counsel.

By making him its president in 1899 and electing him to honorary membership in 1900 this society honored not so much him as itself.

REGISTRATION IN GERMAN UNIVERSITIES

FOREIGN exchanges publish particulars as to the number of students in German universities. The total number had increased to 60,000 at the outbreak of war. At the end of the war the number was 90,000, and in the summer of 1921 it was 87,147. At present it is 82,668. The Technischen Hochschulen had 12,000 students before the war, in 1920 they had 22,976, and last winter 25,556. The division into faculties has undergone changes; the warnings of overcrowding in some faculties have had some effect, but the stream of students has been diverted into other faculties, which are also now hopelessly overcrowded. The following comparison is given with pre-war conditions:

<i>Faculty</i>	1914	1922
Evangelical theology.....	4,370	2,974
Catholic theology.....	2,050	1,795
Legal science.....	9,840	16,834
Medicine	16,048	15,110
Dentistry	976	4,167
Philosophy and philology.....	14,400	12,823
Mathematics and natural sciences..	8,132	9,257
Pharmacy	1,100	1,112
National economy.....	3,836	17,714
Forestry		490

The following refer to technical students:

<i>Faculty</i>	1914	1922
Architecture	2,193	1,811
Constructional engineering.....	2,767	3,311
Mechanical engineering.....	3,118	8,306
Electrotechnics	1,307	5,129
Mathematics and natural sciences..	1,544	3,735
Mining and metallurgy.....	576	1,234
Naval engineering.....	234	365
General	493	1,483

It is stated that the present day student does not tend to the same extent as before the war to study in the large cities.

THE KENTUCKY ACADEMY OF SCIENCE

DR. WILLARD ROUSE JILLSON, director and state geologist of the Kentucky Geological Survey, was elected president of the Kentucky Academy of Science at its tenth annual meeting, which was held at the University of Kentucky on May 12. Dr. Austin R. Middleton, of the University of Louisville, was elected vice-president; Dr. Alfred M. Peter, of the Kentucky Agricultural Experiment Station, secretary, and Professor W. S. Anderson, of the University of Kentucky, treasurer.

The academy voted the authority to its president to make arrangements for the publication of its transactions, which up to the present have never been printed. It also voted to sustain the recent resolutions of the council of the American Association for the Advancement of Science with respect to the facts of organic evolution and the freedom of teaching it and science generally in the public schools. Resolutions covering these points were drafted and approved, and have been forwarded to the secretary of the American Association for the Advancement of Science.

Dr. Jillson outlined a proposed symposium on "Evolution" to be presented during the year as an educational feature under the auspices of the Kentucky Academy of Science in the city of Louisville, and this proposal was heartily endorsed by a unanimous vote. Preparations are now under way for this special meeting, which will be open to the public, and will be held in Louisville probably during the spring of 1924. The regular meeting of the Kentucky Academy of Science for the presentation of scientific papers and the transaction of business will be held at about the usual time in Lexington.

APPOINTMENTS AT THE BUREAU OF MINES

DURING the absence in Europe of George S. Rice, chief mining engineer of the Bureau of Mines, and until further notice, James W. Paul will be acting chief mining engineer, with headquarters at Washington.

C. A. Herbert is detailed to Pittsburgh to serve as acting chief coal mining engineer, beginning on June 1 for a period of five months, and will report through the superintendent of the Pittsburgh Station to Mr. Paul. He will have immediate charge of the experimental

mine work and other coal-mining investigations, except the coal waste inquiry for the United States Coal Commission, which work will be handled directly by Mr. Paul.

M. van Sielen, assistant to the chief mining engineer, will continue in that position and act as executive officer for the mining division, consulting on technical matters with the acting chief mining engineer. He will also act in the capacity of district mining supervisor in leasing matters, except petroleum on Indian lands, and will maintain contact with the commissioner on Indian affairs on all Indian mineral leasing matters, consulting with H. I. Smith on coal-leasing technical matters.

H. I. Smith will continue as mining supervisor and will report through the assistant to the chief mining engineer on administrative matters, consulting with the acting chief mining engineer on technical matters.

S. P. Howell, after July 1, will be detailed to the field investigation of liquid oxygen explosives under the new appropriation. J. E. Crawshaw will continue to serve as acting head of the explosives section and report through the superintendent of the Pittsburgh Station to the office of the chief mining engineer.

FOREIGN MEMBERS OF THE WASHINGTON ACADEMY OF SCIENCES

THE board of managers of the Washington Academy of Sciences has elected the following scientific men to honorary foreign membership in recognition of their prominence in their respective fields and their intimate connection with scientific work in Washington:

Professor Leon Manouvrier, Ecole d'Anthropologie, Paris, in recognition of his life-long work in anthropology.

Dr. Carl Frederik Albert Christensen, director of Universitets Botaniske Museum, Copenhagen, in recognition of his services to systematic botany, particularly his monographic studies of tropical American ferns.

Dr. Paul Marchal, Ministry of Agriculture of France, in recognition of his investigations in biological problems and their relation to agriculture, especially for work in polyembryony.

Mr. Edward Clayton Andrews, government geologist of New South Wales, in recognition of his work in geology, particularly in the fields of origin of coral reefs, physiography, origin of the Australian flora, mountain formation and origin of metalliferous deposits.

Sir Ernest Rutherford, director of the Cavendish Laboratory, University of Cambridge, in recognition of his work in physics.

F. Omori, professor of seismology, University of Tokyo, in recognition of his work in the field of seismology.

Professor Guiseppi Stefanini, Istituto di Studi Superiori, Piza San Marco, Florence, in recognition of his investigations in paleontology and stratigraphy, especially the tertiary formations of Italy and echinoids in general.

Professor Max Weber, University of Amsterdam, in recognition of his work in zoology.

SCIENTIFIC NOTES AND NEWS

ARTHUR GORDON WEBSTER, since 1892 professor of physics in Clark University, died by suicide on May 15, at the age of fifty-nine years.

MR. ALVA JOHNSTON has received the \$1,000 Pulitzer prize of the School of Journalism of Columbia University for the best example of a reporter's work during the year for his reports of the meeting of the American Association for the Advancement of Science, published in the *New York Times* from December 27 to 30.

DR. FREDERICK P. GAY, professor of bacteriology in the University of California and at present chairman of the Division of Medical Sciences of the National Research Council, has received from the Belgian Ambassador, on behalf of King Albert, the decoration of Commander of the Order of the Crown in recognition of his scientific work.

DR. EMMANUEL DE MARGERIE, French exchange professor to the United States, was given a farewell luncheon by the American engineering profession at the Harvard Club on May 18, at which several hundred engineers were present. Dr. Albert R. Ledoux, past president of the American Institute of Mining and Metallurgical Engineers, presided.

At the annual meeting of the Association of American Physicians at Atlantic City, N. J., May 1-3, the following officers were elected: *President*, Dr. Charles F. Martin, Montreal; *vice-president*, Dr. Lewis A. Conner, New York; *secretary*, Dr. Thomas McCrae, Philadelphia, and *treasurer*, Dr. Joseph A. Capps, Chicago.

At the annual congress of the Ophthalmological Society of the United Kingdom, held