

did manner in which the unfavorable mathematical situation among the Spanish-speaking people is depicted in a short note appearing in the first number of this journal. The comparatively slight contributions made by these people along the line of mathematical research stands in great contrast with the large advances made by the people living immediately north of Spain.

One of the most important steps towards the remedy of an unfortunate public situation is to exhibit the great need of such a remedy. It is hoped that the present journal may be successful in this direction and also in awakening interest in a field which is so fundamental for the further scientific development of the people using the Spanish language. The editor of the journal is J. Rey Pastor.

G. A. MILLER

EXPEDITIONS OF THE CALIFORNIA ACADEMY OF SCIENCES

MISS ALICE EASTWOOD, curator of botany, of the California Academy of Sciences, has just returned from a three months' study of the flora of Arizona and New Mexico. Miss Eastwood's special mission was to collect trees and shrubs but chiefly cottonwoods for Professor C. S. Sargent of the Arnold Arboretum in connection with the revision of his *Trees of North America*. At the same time Miss Eastwood made important additions to the herbarium of the academy.

The academy is undertaking exploration work this summer in lower California. Mr. Joseph R. Slevin, assistant curator of the department of herpetology, sailed on June 14 on the steamer *Alliance* for La Paz, Mexico, with the purpose of investigating the reptiles and amphibians of the cape region of the peninsula. Mr. Slevin is accompanied by Mr. Gordon F. Ferris, instructor in entomology of Stanford University. Mr. Ferris is commissioned by Stanford University to make a special study of the scale insects of the region and will also collect for the departments of entomology and invertebrate zoology of the California Academy of Sciences. This work will be chiefly in the lower third of the peninsula and will require about three months time.

Dr. Roy E. Dickerson, honorary curator of the Department of Invertebrate Paleontology, sailed May 31 with Mrs. Dickerson for Manila, Philippine Islands. Dr. Dickerson will make an investigation of the Philippine Islands with a view to the location of oil deposits. During Dr. Dickerson's connection with the California Academy of Sciences as curator of the department of invertebrate paleontology important research work was carried on in the geology of the Pacific coast area, which received publication in the *Proceedings* of the academy. These papers are much in demand at present by the commercial interests engaged in oil production.

FOREIGN DELEGATES AND GUESTS AT THE ATLANTIC CITY MEETING OF THE AMERICAN MEDICAL ASSOCIATION

PHYSICIANS from fourteen foreign countries were in attendance at the meeting. Apart from Canadians they were as follows:

Lehman, Wilmer S., Lolodorf, Cameroon, W. Africa.
 Casier, Baron Ernest, Belgium.
 Depage, Antoine, Belgium.
 Duesberg, J., Belgium.
 Melis, L., Brussels, Belgium.
 Nolf, P., Brussels, Belgium.
 Sand, René, Brussels, Belgium.
 Captain Van de Velde, Belgium.
 Chutro, Pedro, Buenos Aires.
 Lee, S. T., Peking, China.
 Leonard, Eliza E., Peking, China.
 Ming-Shao, Hsu, China.
 Peter, William Wesley, Shanghai, China.
 Ting-han, Chang, China.
 Almila, E., Havana, Cuba.
 Carrera, Julio, Cuba.
 Fernandez, Francisco M., Havana, Cuba.
 Guiteras, Juan, Cuba.
 Martinez, Emilo, Cuba.
 Somodevilla, Santiago U., San Luis, Cuba.
 Kingman, E. L., Zaruma, Ecuador.
 Brown, W. Herbert, Glasgow, Scotland.
 Dimsey, Edgar R., British Admiralty.
 Groves, Ernest W. Hey, England.
 Hurst, Arthur F., England.
 Lane, Sir William Arbuthnot, England.
 Murphy, Shirley, England.
 Newsholme, Sir Arthur, England.
 Rose, Frank A., London, England.

Thompson, Sir St. Clair, London, England.
 Bégouin, Paul, Bordeaux, France.
 Lemaitre, Fernand, France.
 Picqué, Robert, Bordeaux, France.
 Alexion, Alexander, Greece.
 Conostas, John, Greece.
 Allen, Belle Jane, Baroda, India.
 Fletcher, A. G., Taiku, Japan.
 Kamaimura, Asajiro, Tokio, Japan.
 Kodama, Ryuzo, Japan.
 Uchimo, Senichi, Tokio, Japan.
 Holst, Peter F., Norway.
 Muro, Felipe, Lima, Peru.
 Ingvar, Sven, Lund, Sweden.

HONORARY DEGREES AT YALE UNIVERSITY

At the commencement exercises on June 18 Dr. Theodore Salisbury Woolsey, professor of international law, emeritus, in presenting candidates for honorary degrees said as public orator:

MASTER OF ARTS

Orville Wright: The survivor of two brothers who by their mechanical skill, ceaseless experimentation and accumulated knowledge of physics, have led the way in mastering human flight. The inventive genius of Mr. Wright in a brief sixteen years has filled the sky with its creations, has changed the methods of warfare, has captivated the youth of all lands and now ventures to cross the ocean.

Samuel Hosea Wadhams: A graduate of Sheffield, in 1894, a surgeon in the regular army, serving in the Spanish War, early sent to France as an observer, placed later on the General Staff, in tact, in vision, in ability pre-eminent, Colonel Wadhams, more than any one else, has shaped the policy of his department. During our share in the war, he has borne the entire responsibility for the wounded in the battle area, has won the admiration of his fellow workers and has earned the honor which his university desires to pay.

DOCTOR OF SCIENCE

Samuel Wesley Stratton: Mathematician, physicist, professor in the Universities of Illinois and Chicago, a naval officer in the Spanish war, since 1901 director of the National Bureau of Standards in weight and measures.

Dr. Stratton's work in this bureau has been conspicuous and constructive, recognized beyond our own limits, vitally important in war and war research. A man weighed in the balance and not found wanting.

Harvey Cushing: Son of Yale and Harvard professor, a leader in the new field of neurological surgery, in operations of the brain pre-eminent, surgeon in chief of the model Brigham Hospital, honored at home and abroad. Colonel Cushing served with the French in 1915 and 1917, with the British at Messines and Passchaendaele, being mentioned in dispatches. At this time organizing intensive study of penetrative skull wounds, he reduced their mortality by one half. Under our own flag he became chief consultant in neurological surgery for the A. E. F. A gentleman, a bold investigator, an artist in the operative field.

SCIENTIFIC NOTES AND NEWS

PRINCETON UNIVERSITY has conferred the doctorate of science on Dr. John M. Clarke, director of the State Museum of New York, and the degree of master of arts on Mr. Lester E. Jones, director of the U. S. Coast and Geodetic Survey.

DR. DAVID F. HOUSTON, secretary of agriculture, has received the degree of LL.D. from Brown University.

THE honorary degree of doctor of science has been conferred upon Dr. Raymond Foss Bacon, director of the Mellon Institute of Industrial Research, by De Pauw University.

ON the occasion of the annual commencement of the University of Pittsburgh on June 13, the honorary degree of doctor of engineering was conferred upon Mr. Vannoy H. Manning, director of the United States Bureau of Mines, in recognition of his noteworthy accomplishments in the investigation of problems of mineral technology. The university also conferred the honorary degree of doctor of chemistry upon Dr. Willis R. Whitney, director of the Research Laboratory of the General Electric Company, Schenectady, New York, because of the valuable service which he rendered to the government as a member of the