

desiring to follow up their studies in Argentina. The municipal council of Buenos Aires, on December 22, 1919, passed an ordinance providing for the establishment of a practical school of aviculture in connection with the zoological garden. During the apprentice period pupils will be required to give their services to the school gratuitously. On the completion of the course a diploma as practical aviculturist will be given. In the Colombian Ministry of Agriculture a department of cattle and meat inspection has been established to study contagious cattle diseases and their remedies, and to inspect cattle and meat products intended for export to countries which demand certificates of inspection. A law of November 5, 1919, grants a subsidy of about \$10,000 for the establishment of a course in agriculture and industries in the University of Nariño. The Department of Agriculture of Cuba has decided to establish a bureau of commercial information in European and American countries for the purpose of establishing cordial commercial relations between Cuba and the other countries. The first bureau will be established in France.

UNIVERSITY AND EDUCATIONAL NEWS

At a meeting of Messrs. Brunner, Mond, and Co., at Liverpool, on August 4, a resolution to authorize the directors to distribute to universities or other scientific institutions in the United Kingdom for the furtherance of scientific education and research, \$500,000 out of the investment surplus reserve account was passed.

THE University of Tennessee College of Medicine will erect a pathologic laboratory building to cost \$75,000 near the Memphis General Hospital. This is in accordance with a contract between the university and the Memphis General Hospital by which the school has entire control of the teaching facilities in the hospital for a period of twenty years and the school will nominate the medical, surgical and laboratory staffs of the hospital.

DR. GILBERT H. CADY, who has been connected with the Geological Survey of Illinois for several years and who has recently returned from a year spent in mining interests in the far east, has accepted the position of professor of geology and head of the department in the University of Arkansas. He also becomes state geologist of Arkansas.

At Northwestern University Miss Margaret Fuller, M.A., Chicago, has been appointed instructor in geology and Mr. Thomas Lloyd Gledhill, M.A., Toronto, has been appointed instructor in mineralogy and geology.

F. A. VARRELMAN, acting professor of botany at Occidental College, Los Angeles, during 1919-20 has accepted a professorship at the State Normal School, Silver City, New Mexico. Dr. F. A. Smiley will reassume the work in this department at Occidental College, having been at the University of California during the past year.

O. A. Haugen, formerly instructor at the University of Wisconsin is returning this fall as assistant professor of chemical engineering. He is at present connected with the Carborundum company at Niagara Falls.

DR. ENGLISH BAGBY has been appointed instructor in psychology at Yale University.

DR. W. N. HAWORTH has been appointed to the chair of organic chemistry at Armstrong College, Newcastle-upon-Tyne, in succession to Professor S. Smiles.

DISCUSSION AND CORRESPONDENCE THE OBLIGATION OF THE INVESTIGATOR TO THE LIBRARY

THE dependence of the present-day investigator upon institutional libraries is almost absolute. Necessarily so, as only a very exceptional person can own, or provide room for, a library complete enough to cover the range of his professional interests. Even if he owned the books he could not care for them and do anything else. Except in his own special field, no investigator will attempt to compete with the skilled bibliographers of our better libraries, and even in his own field he is apt to appear at a disadvantage. One