

Wilbur, and the Secretary of Commerce, Robert P. Lamont. The report on the government's surveys will be incorporated in estimates to be submitted to Congress by the Bureau of the Budget. These surveys are being made by the Coast and Geodetic Survey of the Department of Commerce and maps of the surveys by the topographic section of the Geological Survey, Department of the Interior. Secretary Wilbur and Secretary Lamont had submitted a plan for completion of the surveys within 18 years which will be incorporated in the estimates to be submitted to Congress by the Bureau of the Budget. It is proposed to expedite this work, which the President said he regarded as of very great economic importance, both to the various states and the federal government's activities, at a cost of \$1,000,000 annually. About 43 per cent. of the accurate mapping has been completed by the federal government. It has taken 70 years to complete 43 per cent. of the work and the government does not want to wait 80 years to complete the remainder of the task. The President pointed out that if there had been adequate maps of the Mississippi River flood area it would have been possible to have saved 100,000 head of cattle at the time of the 1927 Mississippi flood.

THE new division of radiation and organisms of the Smithsonian Institution, the purpose of which is to study the exact dependence of the growth of plants and the health of animals on rays such as are received from the sun or from electric lamps, is making rapid progress. Four rooms in the west basement of the Smithsonian building, formerly used for storage, have been converted into laboratories, one of which is already fully equipped and in operation as a glass-blowing laboratory in charge of Mr. L. B. Clark. Special apparatus for the work, including photographic, electric and spectroscopic appliances, is being installed, and a growth chamber of special design for useful plants is being constructed. The offices of the division have been placed in the recently finished upper rooms of the flag tower, in which an elevator has been installed. The other rooms in the flag tower are being finished, and eventually there will be eight offices there where formerly there was nothing but storage rooms and a place for pigeons. The personnel of the division consists of Dr. F. S. Brackett, director; Dr. E. S. Johnston, of the University of Maryland, collaborator; Mr. L. B. Clark, laboratory assistant and technician, and Miss Virginia P. Stanley, stenographer.

UNIVERSITY AND EDUCATIONAL NOTES

By the provision of the will of Miss Annie Clarkson, of New York City, Clarkson Memorial College of Technology of Potsdam, N. Y., receives outright \$100,000. Mrs. W. A. Moore, Potsdam, N. Y., a sister of Miss Clarkson, is to have the income of the residue of the estate, conservatively estimated at \$1,000,000, during her life, and at her death this is to be turned over to the Clarkson Memorial College of Technology. Mrs. Moore has decided to waive use of this sum and to turn over the amount to the college at once. By this double gift of the two Clarkson sisters the college will be able to move from the village of Potsdam to the beautiful Clarkson estate, which had already been given to the college by Miss Annie Clarkson.

A BEQUEST of \$500,000 from Frank A. Champlin, who died recently in Los Angeles, has been made to Colby College, to be part of the permanent endowment fund of the college and to be known as the "James Tift Champlin and Mary A. Champlin Gift."

JOHN D. ROCKEFELLER, JR., has given \$300,000 to the trustees of Hartford Seminary Foundation toward an endowment fund of \$1,500,000.

A GROUND School in Aviation has been instituted at Union College, Schenectady, being carried on in

cooperation with the Colonial Airways Corporation. The work is under the direction of the department of physics of Union College and part of it will be given there and part at the Colonial hangar of the Albany Airport.

THE department of anatomy of the University of Illinois College of Medicine announces the following new members of its staff: Dr. Franklin P. Reagan, associate professor, formerly at the University of Indiana; Dr. Arnold A. Zimmermann, assistant professor, formerly at Loyola University, and Dr. Gustav Zechel, instructor, formerly at the German university in Prague.

DR. C. Y. CANNON, head of the department of dairy husbandry at Brigham Young University, has been appointed head of the section of dairy husbandry at Iowa State College.

DR. E. C. ANGST has been appointed assistant professor of botany at the University of Oklahoma in charge of courses in bacteriology and cryptogamic botany. Rufus H. Moore has been appointed instructor in botany.