

Canyon, Holly Canyon and Cool Spring House on Cajon Mesa. It is proposed that these groups be made a national monument.

THE agricultural appropriation bill, carrying \$68,981,553, was passed on January 3 by the House of Representatives after Speaker Gillett had thrown out on a point of order a motion to send it back to committee with directions to include \$360,000 for congressional free seed distribution.

At the annual meeting in a joint program on the last day of the session of the societies composing the Federation of American Societies for Experimental Biology at Toronto, a very interesting scientific program consisting of ten papers on the newer discoveries of various laboratories in the United States and Canada, led by the laboratories of the University of Toronto, was held on the subject of the pancreas and the specific pancreatic secretion, insulin. At the annual dinner held on the one hundredth anniversary of the birth of Pasteur, December 27, 1922, lectures were delivered on the life and works of Pasteur by the following speakers: Sir Robert Faulkner, University of Toronto; Graham Lusk, Cornell University; Albert P. Mathews, University of Cincinnati; F. G. Novy, University of Michigan.

THE Cellulose Division of the American Chemical Society has been authorized as a permanent division of the society and wishes to enroll as members in the division all those who are interested in cellulose chemistry either from a scientific or practical standpoint. All members of the American Chemical Society wishing to become members of this division are requested to send their names and business connections together with one dollar for dues to the secretary, L. F. Hawley, Forest Products Laboratory, Madison, Wisconsin.

UNIVERSITY AND EDUCATIONAL NOTES

PLANS for a new chemical laboratory for the Johns Hopkins University, to be erected at Homewood, at a cost of about \$600,000, have been completed. The details of the building have not been made public, but it is known that the type of architecture will conform to the colonial style of the Homewood group.

Bids for contracts for the new \$1,000,000 home of the Johns Hopkins School of Hygiene and Public Health, which will be on Monument and Wolfe Streets, as a part of the hospital group, will shortly be asked. The plans have been completed. This structure will be of Italian architecture of brick and stone, and is provided through a donation to the school by the Rockefeller Foundation.

A FUND amounting approximately to \$3,800 has been subscribed in honor of Professor Appleton, of Brown University, to be known as the John Howard Appleton Lectureship Fund to provide annual lectures at Brown on pure or applied chemistry.

BROWN UNIVERSITY has received \$50,000 from the estate of the late Robert P. Brown, to endow a professorship in biology. Albert Davis Mead, head of the department of biology in the university, has been appointed Robert Perkins Brown professor of biology.

DR. HARRY PRATT JUDSON, second president of the University of Chicago, holding that position for sixteen years, has resigned and will retire from active work on February 20. Dr. Ernest DeWitt Burton, head of the department of New Testament and early Christian literature and director of the libraries, has been elected acting president.

THOMAS B. BAINS has accepted a position as assistant professor of mining engineering at the University of Illinois.

HERBERT R. HANLEY has been appointed associate professor of metallurgy at the Missouri School of Mines.

DISCUSSION AND CORRESPONDENCE

BALANCING CHEMICAL EQUATIONS

IN the issue of SCIENCE for September 1 (page 258) there is an article describing an algebraic method of balancing chemical equations. The method, which assumes a knowledge of the formulas of the initial and final substances, consists in finding, algebraically, sets of values for the coefficients of the equations. The author seems to have discovered a nearly constant relation between the number of elements and of compounds represented in