

A STUDY of the effect of pressure on the preservation of milk at the Experiment Station of West Virginia University gave such encouraging results that the effect of the same agent in preserving fruits and fruit juices is being studied now while these are in season. It is yet too soon to say whether the work will lead to a practical method for preserving these materials, but it may be said, however, that samples have been prevented from fermenting for five months; also that milk has been kept for three months and meats for seven months.

UNIVERSITY AND EDUCATIONAL NEWS.

MR. EDWARD TUCK, of New York City, has given \$300,000 to Dartmouth College to be used for purposes of instruction.

By the will of Mrs. Mary D. Goddard, of Newton, Mass., \$60,000 is given to Tufts College.

PRINCETON UNIVERSITY has received from Mr. Stafford Little, of Trenton, N. J., \$10,000 to endow a lectureship on themes connected with public life. Ex-president Cleveland will, during the coming year, deliver the first course of lectures.

THE medical students of Bowdoin College will receive instruction during their last year at Portland, where suitable buildings are now being erected, and where they will have improved clinical facilities. After 1900 the course will be four years in length, the first two years being spent at Brunswick, and the second two years at Portland.

THE following appointments are announced at Dartmouth College: Dr. Gordon F. Hull, of Colorado College, to be assistant professor of physics; Mr. George T. Moore, assistant in Harvard University, to be instructor in botany; and H. H. Horne to be instructor in philosophy.

SAMUEL AVERY, B.Sc. and A.M. (Nebraska), and Ph.D. (Heidelberg), for some years adjunct professor of chemistry in the University of Nebraska, has accepted the professorship of chemistry in the University of Idaho. The position left vacant at Nebraska has been filled by the appointment, as instructor, of Robert Silver Hellner, B.Sc., A.M., assistant chemist in the

Nebraska Experiment Station. Mr. Roscoe Wilfred Thatcher, B.Sc. (Nebraska), has been appointed successor to Mr. Hiltner.

PROMOTIONS and changes, as follows, were made this year in the force of the Zoological Department at the University of Nebraska, Lincoln: Henry B. Ward, professor; Robert H. Wolcott, adjunct professor; Albert B. Lewis, assistant instructor; Frank E. Watson, fellow and graduate assistant.

MR. PETER FIELD, fellow in mathematics in Cornell University, has been appointed professor of mathematics in Carthage College.

MR. EDWIN HAVILAND, B.S. (Swarthmore, 1895), and A.M. (Cornell, 1899), has been appointed assistant in mathematics in Swarthmore College.

PROFESSOR W. H. SQUIRES, who holds the chair of psychology and pedagogics in Hamilton College, has been given a two years' leave of absence, which he will spend in study in Germany. W. B. Elkin, Ph.D. (Cornell), Teachers College, Columbia University, has been appointed acting professor.

AT Brown University, Frederic P. Gorham, biology, Ralph W. Tower, chemical physiology, and Arthur E. Watson, physics, have been promoted to assistant professorships.

FRANK T. DANIELS, assistant professor of civil engineering, at Tufts College, has resigned.

JAMES P. C. SOUTHALL, of the University of Virginia, has been appointed instructor in physics at Hobart College; Lindsay Duncan has been made instructor in mathematics, surveying and draughting at Union College. At Smith College, Annie Lyons has been appointed assistant in zoology.

THE following appointments as instructors, at Lehigh University, have been made: Robert M. Wilson, E.E. (Cornell), Barry MacNutt M.S. (Lehigh), and J. S. Viehe, E.E. (Lehigh), to be instructors in electrical engineering; Herman Schneider, B.S. (Lehigh), to be instructor in civil engineering, and Amasa Trowbridge, Ph.B. (Sheffield Scientific School), and chief engineer, U. S. S., *Catskill*, during the late war, to be instructor in mechanical engineering.