

stable and pastures; (6) personnel of milking and stable (clothing, health, and supervision of the same).

Section B.—Veterinary control of the condition of milch cows and of milk: (1) Legislation; (2) management of contagious outbreaks (with demonstration); (3) diseases of milch cows; (4) special disease; (5) unwholesome food plants and drinking water; (6) secretion through the milk of medicinal stuffs; (7) sanitary management; (8) disinfection of stalls (means and apparatus).

Section C.—Conveyance of milk, land, and waterways, railways; conveyance and distribution in cities; (2) cleansing, spinning, cooling, Pasteurizing, sterilizing, and concentrating (condensing) milk; (3) arrangements for measuring and weighing; (4) cleansing apparatus for flasks; (5) machinery for bottling, pouring, and sealing.

Section D.—Exhibit of management and sale of milk (wholesale and retail trade), with complete furnishings.

Section E.—Milk legislation and administration: (1) Laws, ordinances, decrees, and judgments; (2) police supervision of milk traffic (removal, previous examination, preserving, conveyance); (3) chemical and bacteriological inspection; (a) model laboratory, working; (b) instruments and tools for laboratory.

Section F.—Scientific: (1) Means of instruction with scientific demonstration; (2) scientific instruments and tools for milk laboratories; (3) literature, statistics, and graphic exhibitions.

Section G.—Milk preparations: (1) Condensed and prepared for long keeping for use in the army and navy; (2) milk for infants; (3) for therapeutic purposes; (4) other foods and preparations produced from milk.

Section H.—Machinery and apparatus for the treatment of milk in the household.

UNIVERSITY AND EDUCATIONAL NEWS.

MR. JAMES STILLMAN, of New York City, has given \$100,000 to Harvard University for the endowment of a professorship in comparative anatomy.

At a recent meeting of the Board of Trustees of the Iowa State College of Agriculture and Mechanic Arts, the one fifth mill building tax granted by the general assembly will be devoted to the following purposes: the erection of a central building for administrative and general purposes at a cost of \$225,000; an

agricultural building at a cost of \$200,000; of a fire proof addition to Agricultural Hall 60 x 100 feet; a pavilion for agronomy and animal husbandry, 60 feet in diameter, to cost \$50,000; and a suitable heating plant, to cost \$65,000. The central building is to be commenced next spring. This will contain the departments of botany, domestic science, history, English, mathematics, political economy and administrative offices; the \$225,000 does not include furnishing, heating or lighting. The addition to Agricultural Hall will be completed by August, 1903.

THE National Conference of Jewish Charities has established two scholarships at Columbia University and the University of Chicago to train men and women in sociological work for the administration of Hebrew charities in New York and Chicago. The scholarships are of the annual value of about \$750.

THE new laboratory of physics given to the University of Jena by Dr. Carl Zeiss has been dedicated. The former physical laboratory will be used for technical chemistry with Professor Vongerichten as director.

DR. J. H. HYSLOP, professor of logic and ethics at Columbia University, has resigned, owing to ill health.

DR. GEORGE C. CALDWELL, since 1868 professor of chemistry at Cornell University, has retired, in accordance with the recent regulations of the trustees permitting professors to retire with a pension.

J. E. WALLACE WALLIN, PH.D., who has been assistant at Yale and Clark Universities, has been appointed assistant in philosophy at the University of Michigan.

DR. L. ASCHOFF, of Göttingen, has been called to the chair of pathological anatomy at Marburg, vacant by the removal of Dr. Hugo Ribbert to Göttingen.

DR. H. KOBALD, astronomer in the observatory at Kiel, has been made professor in the university.

Erratum: In the article by Mr. Hatcher, page 831, in the second column, fifth line from bottom, for *with* read *within*.