

health officials and the opportunities for using such training." Dr. John A. Ferrell, International Health Board, Rockefeller Foundation.

#### THE LANE MEDICAL LECTURES OF STANFORD UNIVERSITY

Dr. L. EMMETT HOLT, emeritus professor of pediatrics of the College of Physicians and Surgeons of Columbia University, will deliver the Lane Medical Lectures in the Stanford University Medical School, San Francisco, from December 5 to 10. The lectures will take place daily at 8 P. M. The topics will be as follows:

- I. The general subject of nutrition—its importance in relation to health and growth, to progress in school, to resistance to infection and in the management of acute and chronic disease.
- II. The food requirements of the healthy child after infancy.
- III. The function in diet of fat, protein, carbohydrate and mineral salts, and the conditions which determine the amounts needed.
- IV. Vitamines—Their function in nutrition and the new point of view which they have given regarding food values.
- V. The practical problem of improving the nutrition of children including the prevention and treatment of malnutrition.

Dr. Holt will also give a clinic on children's diseases on Wednesday, December 7, at 11:30 A.M., at the Medical School.

#### THE TORONTO MEETING OF THE AMERICAN SOCIETY OF NATURALISTS

THE thirty-ninth annual meeting of the American Society of Naturalists will be held in Toronto, Canada, on Thursday, December 29, 1921, under the auspices of the University of Toronto.

Headquarters of the society will be the King Edward Hotel, 37-55 East King Street, where the American Society of Zoologists and the Botanical Society of America will also have headquarters. Members desiring accommodations at headquarters should make reservations early. Accommodations may also be obtained at other hotels and probably also at the dormitories of the university and near-by

fraternity houses. Information concerning these accommodations will be given later in *SCIENCE* or in the final announcement in December.

On Thursday forenoon a limited number of short papers by members and invited guests will be given. Members desiring to present papers should send the titles to the secretary not later than November 24, giving estimated time of delivery, and requirements of lantern, charts, blackboard space, etc. It should be remembered that the primary interest of the society, as expressed in resolutions, is in evolution in its broadest sense.

Thursday afternoon is to be devoted to the annual symposium. The general subject in 1921 is "The Origin of Variations," and the following speakers have been secured:

H. S. Jennings—Variation in Uniparental Reproduction.

A. F. Blakeslee—Variations in *Datura* due to Changes in Chromosome Number.

H. J. Muller—Variation due to Change in Individual Genes.

C. B. Bridges—The Origin of Variations in Sexual and Sex-Limited Characters.

R. A. Emerson—The Nature of Bud Variations as Indicated by the Mode of their Inheritance.

M. F. Guyer—Serological Reactions as a Probable Cause of Variations.

The naturalists' dinner will be given on Thursday evening. The annual address of the president will follow.

The American Association and most of the affiliated societies will meet in Toronto. Attention is called to cooperation of the naturalists with the Botanical Society of America and the American Society of Zoologists, whereby the latter two societies list their papers on subjects of greatest interest to the naturalists on the day preceding the naturalists' program.

Section G (Botany) of the American Association will present on Wednesday afternoon a symposium on the "Utility of the Species Concept," in which the speakers are Charles F. Mills, George H. Shull, R. A. Harper, Guilford B. Reed, and E. C. Stakman.

The American Society of Zoologists has ar-