

sion of points of economic theory, and there is a short paper on the Toronto street railway. A note announces a forthcoming reprint of Cantillon's celebrated essay on commerce.

— Professor W. O. Atwater of Wesleyan University contributes an article to the November *Century* on "The Food Supply of the Future," the first in a series which will have especial value to farmers. The writer believes that the doctrine of Malthus — that the time will come when there will not be food enough for the human race, owing to the theory that population increases in a geometrical and food-supply in an arithmetical ratio — is one which need never give the world any uneasiness, owing to the great advances that are being made in chemistry. Science has shown what are the essential factors in vegetable production, and plants can now be grown in water or in sand by adding the proper chemicals. Professor Atwater gives the result of an interesting experiment recently made in his laboratory. Sea sand was brought from the shore of Long Island Sound. To divest it of

every possible material which the plant might use for food except the sand itself, it was carefully washed with water and then heated. It was put into glass jars, water was added, and minute quantities of chemical salts were dissolved in it. Dwarf peas, planted in this sand, grew to a height of eight feet, while peas of the same kind, planted by a skilful gardener in the rich soil of a garden close by, reached a height of only four feet.

— In *Lippincott's Magazine* for November, two articles that will be read with interest are "The Evolution of Money and Finance," by J. Howard Cowperthwait, and "The Restoration of Silver," by John A. Grier. The first is a strong plea for gold only as a standard measure of value. Mr. Grier, from the bi-metalist's point of view, attacks this article, and puts in a plea for the equal use of both gold and silver as a measure of value. The "silver question" is one which every American should understand, and the best way to understand it is to look at both sides of the question.

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