

case, there was presumably a great reduction in the soil temperature "as the surface was never warmed up by the sun, whilst evaporation continued its cooling effect increased by the occasional irrigation." A series of soil temperature measurements recorded by Mr. Nautiyal at depths of 3 and 12 inches below the surface gave results in accordance with this conclusion.

The reviewer can confirm this conclusion by his observations on the Beech (*Fagus sylvatica*) in central Europe. As a rule, experience with these Forests indicates that the immediate causative factor in Frost damage is not so much the element of temperature as of *dryness*. It is to be hoped that Mr. Nautiyal will continue his researches in this direction also.

The Author says (p. 5) that the "same Centigrade thermometer was used in recording temperatures". Since there was a set of six readings for each measurement, and since, obviously, there must be the lapse of an interval for the thermometer to correctly record the temperatures, the method admits of a small error in that the temperatures are not taken at exactly the same time. This, of course, could easily be avoided by having six calibrated thermometers to simultaneously take the readings. The record of 40° F. (p. 2) is rather discordant in a scientific paper wherein all other temperatures are reckoned on the Centigrade scale.

The Bulletin is illustrated by four plates of telling photographs.

EMMENNAR.

Francis Amory Septennial Prize.

IN compliance with the requirements of a gift under the will of the late Francis Amory of Beverly, Massachusetts, the American Academy of Arts and Sciences announces the offer of a septennial prize for outstanding work with reference to the alleviation or cure of diseases affecting the human genital organs, to be known as the Francis Amory Septennial Prize. The gift provides a fund from which the income may be awarded for conspicuously meritorious contributions to the field of knowledge "during the said septennial period next preceding any award thereof, through experiment, study or otherwise...in the diseases of the human sexual generative organs in general." The prize may be awarded to any individual or individuals for work of 'extraordinary or exceptional merit' in this field.

In case there is work of a quality to warrant it, the first award will be made in 1940. The total amount of the award will exceed ten thousand dollars, and may be given in one or more awards. It rests solely within the discretion of the Academy whether an award shall be made at the end of any given seven-year period and also whether on any occasion the prize shall be awarded to more than a single individual.

While there will be no formal nominations, and no formal essays or treatises will be required, the Committee invites suggestions which should be made to the Amory Fund Committee, c/o the American Academy of Arts and Sciences, 28, Newbury Street, Boston, Massachusetts, U.S.A. (*Research and Progress*, 1936, 2, 126.)