

SCIENCE

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THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

SECTION I—SOCIAL AND ECONOMIC SCIENCE.

THIRTY-FIVE papers were on the printed program, of which seventeen were read in person, seven by title with abstracts of contents presented and eight papers were never forwarded by the authors, for various reasons. The statistical paper by Professor Arthur Lefevre on 'Public Education in Texas,' arrived too late for use.

Professor W. R. Lazenby's paper on 'Relations of Forestry to Soil and Climate' will appear in the *Proceedings* of the Ohio State Forestry Society at some future date.

The paper read by Professor Bruce R. Payne, University of Virginia, on 'The Social Service of the Public High School,' will also be published later.

Attendance at the meetings ranged from fifteen to fifty persons. Holding the sessions at the board of trade rooms was a mistake. The business people did not attend, and we were too far away from the other sections to admit of their members attending.

The following officers were elected:

Sectional Committee—Irving Fisher, Charles A. Conant, Carroll D. Wright (five years), E. L. Corthell (four years), W. R. Lazenby (three years), Frank A. Rutter (two years) and B. E. Fernow (one year).

Member of Council—Marcus Benjamin.

Member of General Committee—Le Grand Powers.

Possibilities of Cotton Warehousing from the Producer's Standpoint: EUGENE WILLIAMS, Waco, Texas.

by careful investigation, they are disputed by some, and have not yet been applied in commercial testing."

Apparently the author is not familiar with the critical examination of the investigations above referred to, nor with the facts brought out in the recent trial of American sugar importers against the United States government. In that suit government officers in charge of the polarization of sugar imported into New York testified under oath that the application of the so-called corrections made to counteract the alleged influence of temperature on the specific rotation of sucrose, caused the polariscopic test in 30 per cent. or more of the foreign sugars imported in New York, to run over 100 per cent.—the excess amounting to as much as 0.3 or 0.4 of one per cent. In other words, *apparently*, fully one third of all sugar imported into New York is not only chemically pure, but more than chemically pure!

A defect noted in some parts of the book is the lack of logical arrangement of the topics discussed. There is no apparent reason why the notes applying to special instruments (pp. 68-86) should not have been incorporated with or placed in immediate sequence to pages 15-38, on which the author discusses polariscopes.

As the text stands, some thirty-seven pages of discussion on the accuracy of saccharimeter measurements and notes on apparatus and laboratory manipulations, intervene between the description of one type of half-shade saccharimeter—that of Peters, and that of another half-shade saccharimeter—that of Schmidt and Haensch.

It is also questionable whether the joint treatment of technological processes—in sugar-houses, refineries and glucose factories—and of analytical methods used in the control of those processes, is the most advantageous way of presenting the topics.

The book is written in good style, the descriptions of methods and manipulations are concise, yet sufficiently explicit. The tables given are those usually found in books of this description and the bibliography appended

cites the more important works of reference. The make-up of the volume—paper, type and print—is entirely satisfactory.

F. G. WIECHMANN.

SCIENTIFIC JOURNALS AND ARTICLES.

THE first number of the *Journal of Abnormal Psychology*, edited by Dr. Morton Prince, of Tufts College Medical School, and published by the Old Corner Bookstore, Boston, contains the following articles:

DR. PIERRE JANET, Professor of Psychology, College of France: 'The Pathogenesis of Some Impulsions.'

PROFESSOR W. v. BECHTEREW, St. Petersburg: 'What is Hypnosis?'

DR. JAMES J. PUTNAM: "Recent Experiences in the Study and Treatment of Hysteria at the Massachusetts General Hospital, with Remarks on Freud's Methods of Treatment by 'Psycho-Analysis.'"

DR. MORTON PRINCE: 'The Psychology of Sudden Religious Conversion.'

DR. JOHN FRANKLIN CROWELL, secretary of the Section of Social and Economic Science, American Association for the Advancement of Science, has become a member of the editorial staff of *The Wall Street Journal*.

SOCIETIES AND ACADEMIES.

THE SOCIETY OF GEOHYDROLOGISTS, WASHINGTON.

At the sixth regular meeting of the society, which was held on Wednesday, March 7, the following papers were presented:

Thermal Springs of the Simplon Tunnel:

B. L. JOHNSON.

Tidal Fluctuations of Certain Wells in Japan:

F. G. CLAPP.

The seventh regular meeting was held March 21, the following paper being presented:

Occurrence of Water in Crystalline Rocks:

M. L. FULLER.

The investigation, which formed a part of the work of the division of hydrology of the United States Geological Survey, was undertaken at the writer's request by Mr. E. E. Ellis for the purpose of securing definite information as to the probabilities of obtaining water supplies from granites and other crystalline rocks. The work included a study of the