

THE AMERICAN CHEMICAL SOCIETY.

XXXVIII.—PROCEEDINGS.

Regular Meeting, Thursday, October 7th, 1880.

Dr. E. R. SQUIBB in the chair.

In absence of a quorum at the regular hour, business proceedings were deferred, and the following paper was read: "On the Constitution of Ultramarine," by H. ENDEMANN, Ph.D.

In the discussion which followed the reading of this paper, Dr. LEEDS remarked that he had a difficulty in conceiving the oxidation of the sodium sulphite to sodium sulphate, under the influence of heat alone. Dr. ENDEMANN replied that it was a fact that sodium sulphate was always formed. Dr. BEHR said that he did not understand Dr. ENDEMANN's explanation of the conversion of white into green ultramarine, and further remarked that in organic chemistry, dehydration (etherification) does not produce colored bodies, and that it was strange that green should be found, under these circumstances; Dr. ENDEMANN did consider the process as one of dehydration, but also one of oxidation. Dr. ALSBERG remarked that it was strange that the darkest ultramarine contained the most silica, and yet, according to Dr. ENDEMANN, this silica was not necessary to the formation of the color. Dr. ENDEMANN said that this color nucleus may contain silicon in the place of alumina, as he had explained in the reading of his paper.

There now being a quorum, the minutes of the meetings held June 3d and September 9th, 1880, were read, and approved.

Minutes of the meeting of the Board of Directors, held September 8th and September 29th, 1880, were read. After which the following gentlemen were unanimously elected:

As members:

C. H. TORREY, School of Mines, Columbia College, N. Y. City.

G. T. BIHN, 523 Tasker st., Philadelphia, Pa.

Dr. KARL STAHL, N. W. Fertilizing Co., Union Stock Yards, Chicago, Ill.

HERMANN POOLE, Practical School, Buffalo, N. Y.

And as associate members:

J. R. SAVAGE, manufacturing chemist, Philadelphia, Pa.

THOMAS HARRISON, manufacturing chemist, Philadelphia, Pa.

After which the following gentlemen were nominated :

As members :

ALBERT C. HALE, State School of Mines, Golden, Colorado.

NARCISSE PIGEON, 128th st. and 4th ave., N. Y. City.

THEODORE LUNGWITZ, Jersey City, N. J.

BYRON N. WITTMAN, Chemist, Reading, Pa.

HENRY J. SEAMAN, Crane Iron Co., Catasaugua, Pa.

CHAS. W. SCHMICH, Rockhill Iron & Coal Co., Orbisonia,
Huntington Co., Pa.

Dr. HENRY FRIEDBURG.

As associate members :

HERMANN T. VULTE.

F. G. WIECHMANN, School of Mines, Columbia Coll., N. Y. City.

T. D. O'CONNOR, School of Mines, Columbia Coll., N. Y. City.

CHARLES KYTE, JR., 3 East India Ave., London, E. C., England.

After which it was—

Resolved. That the members present nominate three members to serve on a committee for the selection of officers for the coming year, and that the three members receiving the highest number of votes shall constitute such a committee.

The votes being counted, the following gentlemen were found to have the highest number of votes: Dr. A. R. LEEDS, Mr CASAMAJOR, Dr. E. R. SQUIBB.

It was further—

Resolved. that this committee shall carry out the same plan as was followed last year in the selection of officers.

After which the resignations of the following gentlemen were read, and accepted: E. L. YOUNG, E. SCHROEDER, JOHN P. MARSHALL.

The following papers by Prof. H. W. WILEY, of Lafayette, Indiana, were read by title, and referred to Committee on Papers and Publications :

1. "The Rotatory Power of Commercial Glucose and Grape Sugar. A Method of Determining the Amount of Reducing Substances present, by the Polariscopes."

2. "The Effect of Heating with dilute Acids, and treating with Animal Charcoal, on the Rotary Power of Glucose."

After which meeting adjourned.

ARTHUR H. ELLIOTT,

Recording Secretary.