

THE AMERICAN CHEMICAL SOCIETY.

XXVII.—PROCEEDINGS.

Regular Meeting, Friday, November 4th, 1881.

The meeting was called to order at 8:40 P. M., Prof. A. R. LEEDS in the chair.

The minutes of the previous meeting were read and approved. After which the following gentlemen were elected as active members:

Dr. C. W. VOLNEY.

Proposed by { Wm. Rupp,
M. Benjamin,
James H. Stebbins, Jr.

Prof. R. A. WITTHAUS.

Proposed by { Chas. A. Doremus,
James H. Stebbins, Jr.,
Wm. Rupp.

C. E. MUNSELL.

Proposed by { A. H. Elliott,
James H. Stebbins, Jr.,
T. O'C. Sloane.

NELSON H. DARTON.

Proposed by { James H. Stebbins, Jr.,
T. O'C. Sloane,
Arno Behr.

W. W. SHARE.

Proposed by { S. A. Goldschmidt,
A. H. Elliott,
James H. Stebbins, Jr.

THOS. D. O'CONNOR.

Proposed by { T. O'C. Sloane,
P. Casamajor,
James H. Stebbins, Jr.

As there were no new members to nominate, the next in order was the report from the Nominating Committee.

This had to be deferred, however, as the chairman of said committee was absent.

The Recording Secretary then announced the resignation of Dr. WILEY, which, on motion, was duly accepted.

The Secretary then announced the death of Mr. CHAS. SCHMICH, who died last March of pneumonia.

It was then moved that Mr. SCHMICH's death be duly entered on the minutes. This being seconded, was carried unanimously.

After which the first paper of the evening, "On some New Salts of Alpha Thymole Sulpho-acid, and some New Facts concerning the same," by JAMES H. STEBBINS, JR., S.B., was then read.

After some questions by Mr. ELLIOTT, the second paper, "On the Combination of Diazo Compounds with Thymole Sulpho-acid," by JAMES H. STEBBINS, JR., S.B., then followed.

After some questions by Messrs. ELLIOTT and FRIEDBURG, the third paper, "On the Constitution of the Explosive Derivatives of Glycerine," by Dr. VOLNEY, was then read.

Some criticisms and remarks by Dr. FRIEDBURG and others then followed.

The report of the Nominating Committee was now ready, and the following gentlemen were nominated as candidates for the coming election :

Corresponding Secretary :

P. CASAMAJOR.

Recording Secretary :

JAMES H. STEBBINS, JR.

Librarian :

GEO. PROCHAZKA.

Curators :

ROSSI, FESQUET, RUPP.

Committee on Papers and Publications :

ARNO BEHR, A. R. LEDOUX and H. ENDEMANN.

Committee on Nominations :

ARTHUR H. ELLIOTT,

J. P. BATTERSHALL,

O. H. KRAUSE,

J. B. F. HERRESHOFF,

T. O'C. SLOANE.

Directors :

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| P. CASAMAJOR, | JAMES H. STEBBINS, JR., | H. MORTON, |
| C. F. CHANDLER, | M. ALSBERG, | E. R. SQUIBB, |
| W. H. NICHOLS, | W. M. HABIRSHAW, | ELWYN WALLER, |
| H. ENDEMANN, | A. R. GALLATIN, | GEO. PROCHAZKA, |
| | A. R. LEEDS. | |

As the Chairman was obliged to depart before the close of meeting, Mr. CASAMAJOR was elected Chairman *pro tem*.

The meeting was then adjourned.

JAMES H. STEBBINS, JR.,
Recording Secretary.

XXVIII.—ON SOME NEW SALTS OF ALPHA THYMOLÉ SULPHO-ACID,
AND SOME NEW FACTS CONCERNING THE SAME.

(Second Paper.)

BY JAMES H. STEBBINS, JR.

In my last paper I described the calcium and ammonium salts of alpha thymole sulpho-acid. In this paper I will describe the sodium salt and free sulpho acid, which I mentioned in connection with my first paper.

Soda salt of alpha thymole sulpho-acid,



A part of the lime salt was dissolved in boiling water and decomposed with Na_2CO_3 .

The $CaCO_3$ thus formed was then filtered off, and the clear filtrate concentrated over the steam bath to the consistency of a syrup. On cooling, the soda salt crystallized in fine white, rhombic plates, with strong vitreous lustre. These crystals show the planes, a: ∞c : ∞b , or macropinacoids; and ∞c : b: ∞a , or macrodomes.

The crystalline form may be seen from the following diagram:

