

# THE AMERICAN CHEMICAL SOCIETY

XLVII.—PROCEEDINGS.

*Annual Meeting, Thursday, Dec. 2d, 1880.*

DR. E. R. SQUIBB in the chair.

Minutes of previous meeting read and approved.

Minutes of the meeting of Directors read.

The Librarian stated that he had not been able to prepare his annual report in time for this meeting.

Dr. S. A. GOLDSCHMIDT reported on behalf of the Curators the receipt of the case of dye-stuffs from Messrs. PICKHARDT and KUTTROFF.

After which the election of officers for the year 1881 took place, Messrs. CASAMAJOR and ALSBERG being appointed tellers by the Chairman. The following officers were declared duly elected :

*President :*

CHAS. F. CHANDLER.

*Vice-Presidents :*

- |                  |                     |
|------------------|---------------------|
| 1. A. R. LEEDS,  | 4. G. A. KOENIG,    |
| 2. E. R. SQUIBB, | 5. C. A. GOESSMANN, |
| 3. HENRY MORTON, | 6. IRA REMSEN.      |

*Corresponding Secretary :*

P. CASAMAJOR.

*Recording Secretary :*

ALBERT H. GALLATIN.

*Treasurer :*

W. H. NICHOLS.

*Librarian :*

E. WALLER.

*Curators :*

WM. RUPP,                      A. J. ROSSI,                      A. A. FESQUET.



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

Nominated by { E. H. S. BAILEY,  
GIDEON E. MOORE,  
H. ENDEMANN.

Dr. HENRY FRIEDBURG.

Nominated by { P. CASAMAJOR,  
H. ENDEMANN,  
E. R. SQUIBB.

As associate members :

HERMAN T. VULTÉ, School of Mines, N. Y.

Nominated by { ARTHUR H. ELLIOTT,  
C. F. CHANDLER,  
ALBERT R. LEEDS.

T. G. WIECHMANN, School of Mines, N. Y. City.

Nominated by { ARTHUR H. ELLIOTT,  
C. F. CHANDLER,  
ALBERT R. LEEDS.

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

Nominated by { ARTHUR H. ELLIOTT,  
C. F. CHANDLER,  
ALBERT R. LEEDS.

CHAS. KYLE, Jr., 3 East India Ave., London E. C., England.

Nominated by { W. H. NICHOLS,  
ARTHUR H. ELLIOTT,  
C. F. CHANDLER.

The following gentlemen were nominated :

Dr. H. GERBER, 45 S. Washington square, N. Y. City.

Nominated by { H. ENDEMANN,  
A. BEHR,  
JAS. H. STEBBINS, Jr.

Prof. F. P. VENABLE, Chapel Hill, North Carolina.

Nominated by { J. W. MALLETT,  
C. F. CHANDLER,  
ARTHUR H. ELLIOTT.

Resignation of JOHN P. MARSHALL was read and accepted.

After which the following papers were read :

1. "On some New Azo Colors." By JAS. H. STEBBINS, Jr.
2. "On Wilkinson's Process for the Manufacture of Illuminating Gas from Wood." By Prof. CHAS. A. DOREMUS.

The following papers were read by title :

1. "On Para and Orthotolylsulphomethane." By C. LIEBERMANN and L. LINDERMANN.

2. "On Compounds of Anthracene with the different Oxides of Nitrogen." By C. LIEBERMANN and L. LINDERMANN.

3. "On the Composition of Aescenline and Aescenletine." By C. LIEBERMANN and R. KNIEBREK.

4. "Investigations on the Reduction of Anthraquinone." By C. LIBERMANN.

5. "On the Electrolytic Determination of Silver." By H. FRESSENIUS and F. BERGMANN.

6. "On the electrolytic Determination of Nickel and Cobalt." By H. FRESSENIUS and F. BERGMANN.

7. "On Cyanethine and new bases derived therefrom." By ERNEST VON MEYER.

After which meeting adjourned.

ARTHUR H. ELLIOTT,

*Recording Secretary.*

#### XLVIII.—SOME NEW AZO COLORS.

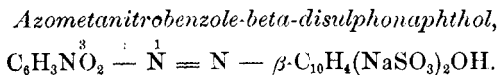
By JAS. H. STEBBINS, JR.

For lack of time, the following paper will only give a brief account of some of the new dyes I have obtained within the last two months. Some of these compounds are pretty dyes, but possessing no material advantage over those in the market; others are merely interesting from a scientific point of view.

Among the first I will mention "Orange No. 3."

This pretty dye-stuff was obtained by diazotizing metanitraniline, and combining one molecule of the so obtained diazo-compound, with one molecule of beta-naphtholdisulpho acid, in an alkaline solution. Common salt precipitates the dye-stuff, in the form of a yellow paste. This is soluble in water in all proportions, and dyes wool in an acid bath, of a fine and clear orange color.

The reaction taking place here, may be expressed by the following terms :



We will next pass on to "Orange No. 4."

Produced by combining equal molecules of paradiazosulphoxylol and an alkaline solution of resorcin.