

# PROCEEDINGS OF THE AMERICAN CHEMICAL SOCIETY.

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Meeting held May 5th, 1882.

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. The report of the Board of Directors was read and accepted.

Dr. Doremus on behalf of the Committee on papers and publications stated that he was able to present to the society this evening, all the proceedings, and nearly all the papers read before the society from January 1st up to date.

He further stated that the next number of the Journal would be out by May 25th. He also said that the Committee are in need of more abstractors and earnestly hoped that the society would support them in this direction.

As there are from three to four fly leaves of the Journal that can be devoted to advertising, the Committee thought that the money that could be obtained from that source would be a great help to the Journal.

The present issue of the Journal would cost about ninety dollars, the number of pages being somewhat larger than was originally intended. But he thought that if the Committee could count upon publishing a number of the Journal of thirty-two pages each month, that the cost would be reduced to sixty dollars per month, or about five hundred and fifty dollars for the year, including the ninety dollars for the present month.

The treasurer stated that money was coming in fast at present.

The librarian had nothing to report except that a number of periodicals had come in.

The following gentlemen were nominated :

G. Polledo, as associate member. Proposed by T. O'C. Sloane, James H. Stebbins, Jr. and Arthur H. Elliott.

H. Edward Stockbridge, as regular member, by C. A. Goessmann, H. Endemann and James H. Stebbins, Jr.

Dr. Wm. Strättford, as regular member, by Charles A. Doremus, R. A. Witthaus and James H. Stebbins, Jr.

E. J. Mallett, Jr., as regular member, by Charles A. Doremus, James H. Stebbins, Jr. and A. R. Leeds.

After which the first paper of the evening, on Acrolein-urea, was read by Dr. A. R. Leeds. After some questions by Mr. Elliott, the second paper of the evening. Note on an earthy ferric sulphate, by Charles E. Wait followed. Mr. Darton's paper on the determination of tannic acid was then read by title.

The following papers were announced for the next meeting:

1st. Use of the tannometer in tan yards, by Nelson H. Darton.

2nd. On the determination of phosphorus in iron ore, by E. Waller.

3rd. Report on the progress of industrial chemistry, by Dr. E. E. Brememan.

Dr. Waller moved that when the meeting adjourns, it shall be adjourned to the next conversazione. Seconded and carried.

Dr. Doremus moved that all papers read before the society shall become the lawful property of the society till thirty days from the date of reading. After a number of suggestions by different gentlemen, Dr. Doremus' motion was carried. The meeting then adjourned.

JAMES H. STEBBINS, Jr.,

*Recording Secretary.*

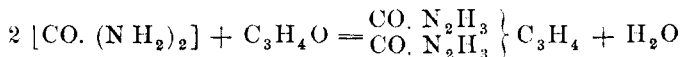
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## XII. ACROLEIN-UREA.

BY ALBERT R. LEEDS.

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In the *Annalen der Chemie und Pharmacie* for 1869, (vol. lxxv p. 203), Hugo Schiff has described, under the name of acrylureid, a condensation product formed by the union of two molecules of urea with one of acrolein, in accordance with the reaction:



Without being aware of Schiff's labors, and whilst studying the aldehyde compounds with quite different objects than those followed by Schiff, I obtained the same compound, but had assigned to it a quite different formula. The explanation of these differences becomes apparent on studying the method by which Schiff prepared the compound, since this method did not and could not yield the substance in question. He mixed a concentrated aqueous solution of urea with acrolein, and after his acrylureid had gradually precipitated as small white needles (?), he washed it merely with ether and water, and dried *in vacuo*. He likewise states that powdered