

THE COBLENTZ SOCIETY

MAILING NO. 6

January 20, 1958

1. Discussion Meeting at Pittsburgh, March 6

A number of subjects of considerable interest to users of infrared spectroscopy are to be discussed at this year's Discussion Meeting to be held in conjunction with the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy. The meeting will be held on Thursday evening, March 6, at 8 p.m. in one of the session rooms (to be designated later). Following is a list of the topics for discussion:

- (a) The infrared spectrum of an organic compound is probably its most definitive physical property, but this does not appear to be well recognized in the literature of organic chemistry. Should the Coblenz Society advocate the inclusion of the infrared spectrum among the physical data regularly used to characterize organic compounds? -- Moderator for this discussion will be Professor R. C. Lord.
- (b) Many authors of papers presenting infrared spectra object to editorial policy which requires retracing of curves and removal of grid lines, with consequent loss of detail and other information of value in the original automatic recording. This is required in the interest of "beauty." Should the Coblenz Society register a professional opinion on this policy and define criteria for spectra reproduction in journals more satisfactory to authors? Moderator -- Dr. W. J. Potts.
- (c) The new small "bench top" models of infrared spectrometers are a matter of considerable interest to the field of chemical infrared spectroscopy. A discussion is planned of the application and experiences so far obtained with these instruments.
- (d) The committee on collection and dissemination of infrared spectra has been making some progress toward carrying out the proposal outlined in Mailing No. 5. A report will be made by Dr. Clara Smith, who heads this committee.
- (e) Report from the committee on publication of infrared methods of analysis -- Mr. Robert C. Wilkerson.

This should be a very interesting discussion meeting -- don't miss it!

## 2. Election of Two New Board Members

According to our constitution, it is required each year that two or three of the members of the Executive Board will cease from office and be replaced by new members elected by the membership of the Society. This year, the two members who are stepping down are Dr. E. D. McAlister and Dr. E. J. Rosenbaum. A nominating committee consisting of Professor R. A. Oetjen, chairman; Dr. V. Z. Williams, and Dr. N. Wright will prepare nominations. Society members wishing to make nominations should submit these within one month after the date of this mailing. Any such nominations supported by twenty-five members shall be included on the ballot which will be submitted to the membership before March 15, 1958. Send nominations to: Professor R. A. Oetjen, Physics Dept., Ohio State University, Columbus, Ohio.

## 3. Publication of Infrared Quantitative Methods

Your Society's program of publishing infrared methods of analysis got underway with the October issue of ANALYTICAL CHEMISTRY. Twenty-four methods have been published in the four issues since the program started, but we have a backlog of only a dozen or so and, hence, are in urgent need of more contributions. Since some prospective contributors have indicated dissatisfaction with the requirement of information on spectral slit widths, we hasten to state that only the mechanical slit widths need be given. (The reviewing committee will supply the calculated spectral intervals.) Or, if you do not have the mechanical slit widths, it will be sufficient to state the spectral width of the band (at half maximum absorbance) as recorded or measured under the conditions of the analysis.

Please help the committee keep this program going!

## 4. New Members

Frequently, people ask how one becomes a member of the Coblenz Society. Tell your friends who are workers in the field or users of molecular spectroscopy, they need only send their names and addresses (and one dollar) to our Registrar, Dr. V. Z. Williams, Perkin-Elmer Corporation, Norwalk, Connecticut.

See you in Pittsburgh!