

COBLENTZ SOCIETY NEWSLETTER

Mailing No. 39

August 20, 1968

I. Nominations for Coblentz Awardee

The Award Committee would like your help in choosing candidates for the 1969 Coblentz Award. The nominee must be 35 or under; otherwise there are no restrictions. The award is made on the basis of the candidate's published research in the field of molecular spectroscopy applied to the elucidation of chemical problems. The committee needs your nominations. Please send them to Dr. R. W. Hannah, Secretary, The Coblentz Society, Inc., 761 Main Avenue, Norwalk, Connecticut 06851 before September 15.

II. Nominations to the Board of Management

While you have your pencil and paper out and are in the nominating mood, suggestions for candidates for the Board of Management are also needed. Two new members of the Board of Managers are to be elected late in 1968, replacing Freeman F. Bentley and William G. Fateley whose terms expire. Board members continuing are R. E. Kagarise (1970), Samuel Krimm (1970), Charles A. Angell (1971), and Jeanette G. Grasselli (1971). The Nominating Committee is anxious to have suggestions from the membership for possible nominees. Names should be sent before September 15 to the Chairman:

Prof. Foil A. Miller
Department of Chemistry
University of Pittsburgh
Pittsburgh, Pennsylvania 15213

Other members of the Nominating Committee are Prof. Ellis R. Lippincott and Dr. Robert T. O'Connor.

III. Coblentz Society Infrared Spectra Publication Program

As a result of actions taken by your Board of Managers and by the Joint Committee on Atomic and Molecular Physical Data, infrared spectra collected under the NBS-OSRD Infrared Data Project will be published by the Coblentz Society under the auspices of the Society and the Joint Committee. This means that the Coblentz publication program will no longer have to depend on random contributions (although they will still be welcome); rather, a substantial number of spectra have already been collected and a more aggressive collection program can be pursued in the future. Further, a self-perpetuating fund will be available for evaluating and processing spectra, so the publication rate should increase substantially. Further details may be available by the time of the next mailing.

IV. Publication of Literature Spectra

Arrangements have been made with the editors of Applied Spectroscopy and Analytical Chemistry for the Coblenz Society to publish spectra submitted in conjunction with papers appearing in those journals. It is hoped that this service can be extended to other journals, to the mutual satisfaction of authors who wish to see their spectra published, and spectroscopists who prefer a spectrum to a table of band positions.

V. Availability of Coblenz Society Infrared Spectra on Microfilm

During the time that microfilms of the Coblenz Society spectra have been offered for sale, it has become apparent that one size of microfilm does not supply all needs. We have attempted to cope with this diversity of requirements by making the following choices available:

- (1) 35-mm. film
- (2) Contact prints from 35-mm. film which provide the same size spectrum as (1) on 16-mm. microfilm. These do not seem to be popular because reader printers can accommodate only half the spectral length at a time.
- (3) Reels of 16-mm. film. These can be supplied as positive or negative images and can be loaded by local microfilm service companies into magazines for most kinds of readers. We cannot provide this loading service (except as in item 4).
- (4) The above reels loaded into magazines for the Recordak Reader Printer. The PE Model 1A equipped with a 19.5 lens provides spectral prints the same size as the published data sheets (about 7" long).

The 35-mm. film and contact reel copied therefrom have 1000 spectra on each reel. The 16-mm. reels (item 3 and 4) contain sets 1 and 2 (2000 spectra) on a single reel, sets 3 and 4 on a single reel, and the fifth set on a third reel. Price is per 1000 spectra in all instances. Laboratories who have already purchased the Coblenz spectra may buy the microfilm at \$35/1000 on reels or \$40/1000 loaded into Recordak magazines. To non-subscribers the price is \$120 for reels and \$125 for magazine-loaded microfilms.

We hope that this combination of microfilm sizes will suit the needs of most laboratories. We welcome your suggestions. Orders may be sent to:

The Coblenz Society
P. O. Box 584
Princeton, New Jersey 08540