

THE COBLENTZ SOCIETY NEWSLETTER

Mailing No. 53

February 21, 1972

I. New Members of Board of Managers

James R. Durig (University of South Carolina) and E. R. Nixon (University of Pennsylvania) have been elected to the Board, replacing James R. Scherer and E. D. Becker. Elected members who continue are Robert P. Bouman, Norman B. Colthup, John R. Ferraro, and Kermit B. Whetsel.

II. Membership Meeting at Cleveland

All Coblentz Society members who are present at the Pittsburgh-Cleveland Conference are urged to attend the Coblentz Award presentation and the fine program on Raman Spectroscopy to be given at the Coblentz Symposium on Thursday, March 9, at 1:30 p.m. in the Convention Center Ballroom, and to stay for the general membership meeting immediately afterward. The meeting will be short, to allow attendees ample time for dinner and other important activities.

III. Coblentz Symposium at Columbus

Although the Coblentz Society was founded at the Ohio State University Symposium on Molecular Structure and Spectroscopy (in 1954), that meeting has been rather neglected by the Society in recent years. This June, however, the Coblentz Society is sponsoring a symposium session that will have as its theme "Spectroscopic Studies of Biological Structures." Professor R. C. Lord will chair the session, several authoritative speakers have been asked to participate, and the program is now being arranged. The Columbus meeting will be held the week of June 12-16. Further information can be obtained from Prof. K. N. Rao, Department of Physics, Ohio State University, Columbus, OH 43210.

IV. Membership Dues

If your address label has a CR71 following your name, you will find a dues card enclosed. Please take care of renewing your membership now (what other scientific society offers such a bargain?). If you find it necessary to resign, please inform the secretary as soon as possible.

V. What's Wrong With This Spectrum?

A. Problem from Mailing No. 51

Correct answers were submitted by Darrel E. Cardy, The Ott Chemical Co., and Duncan Erley, The Dow Chemical Co. The difficulty lies in the dead wedge servo system. The results (aside from a

nice smooth trace) are apparent lack of resolution; small bands are missing; and band shapes are distorted. Cause: gain set too low (a small amount of noise should be visible in the record).

B. Today's Problem

What's wrong with this spectrum of benzene? This one is tricky--don't jump to conclusions. If you think you know the answer, drop a line to the editor (A. Lee Smith, Dow Corning Corporation, Midland, MI 48640).

