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of
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in
TECHNIQUES AND APPLICATIONS
of the
SCANNING ELECTRON MICROSCOPE
PART III

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* For identification of these papers see Table of Contents and Major Subject Index.

Most of the papers included in this volume were presented at the Scanning Electron Microscopy/1979 meetings which took place at the Sheraton-Park Plaza Hotel in Washington, DC, April, 16-20. The programs for various parts of the meeting were prepared by advisors listed above; Om Johari was the director of the meetings.

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OTHER PAPERS OF INTEREST TO BIOLOGISTS

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not included in the above lists. They are
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See Scanning Electron Microscopy/1979/I for papers
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-- Electron Sources

-- Analytical Electron Microscopy, excluding the
papers included under Biological Microanalysis
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-- Some papers on Archaeology, and on Law

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KEYNOTE PAPER: MICROANALYSIS IN THE SEM: PROGRESS &
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- INLAYED TEETH OF ANCIENT MAYANS...;
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FROM MARINE ARCHAEOLOGICAL EXCAVATIONS...;
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- STEM
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M.T.Browne (827/II)
- TUTORIAL: OPTIMIZATION OF AN ANALYTICAL ELECTRON
MICROSCOPE FOR X-RAY MICROANALYSIS...;
J. Bentley (581/II)
- PREPARATION AND OBSERVATION OF VERY THIN, VERY
CLEAN SUBSTRATES FOR STEM; M.Ohtsuki (375/II)

DISCUSSION WITH REVIEWERS

Each paper in this volume contains a discussion with reviewers. This discussion follows the text and references and should be read with the paper. Each paper submitted to SEM Inc. for publication was reviewed by at least three (and often more, on the average five) reviewers. The reviewers were asked to separate their comments and questions. Comments were useful in determining the acceptability of the paper as submitted. Of the over 315 papers submitted, nearly 10% are not being published; while almost all were subjected to minor, and, in nearly half the cases, major revisions. Although the comments required no written responses, in several cases, the authors have included responses to comments, or to questions phrased from or based on comments (either due to editorial suggestions along these lines or on the author's own initiative).

The questions for the most part originated as a result of the following statements in the cover letter accompanying each paper sent to the reviewers: "...You can ask relevant questions by supposing that you are an attendee at a conference where this paper, as written, is presented. Please write the questions which you would ask the author...." From the questions so asked, some are not included because the authors attended to them by revising the text. In a few cases, editorial and/or space considerations excluded publication of all questions asked by several reviewers for a paper. This year the authors prepared their own discussion with reviewers in the ready-to-print format, i.e., they retyped the questions and gave the answers, hopefully following the instructions we sent them. In some instances the authors edited the questions and/or combined several similar questions from different reviewers to provide one answer. While all efforts were made to check that the questions in the printed version faithfully represented the views of the specific reviewer, the editors apologize to the reviewers, if in some cases, the actual meaning and/or emphasis may have been changed by the author.

The cover letter to the reviewers also stated (in red ink):

- "1. Your name will be conveyed to the author with your review UNLESS YOU ASK US NOT TO.
2. The questions published in the proceedings will be identified as coming from you UNLESS YOU ADVISE OTHERWISE...."

In all cases we made genuine efforts to respect and honor reviewers' wishes when they requested that they be not identified. But, in nearly 99% of the cases, the reviewers did not instruct us otherwise and their names were conveyed to the authors and are included with the questions printed with each paper. A general list of reviewers, containing names of all those who let us include their names, is provided in the beginning pages of each volume. We apologize for any errors/omissions.

Finally the readers are urged to be cautious on the weight they attach to authors replies, since the answers to the questions represent the authors unchallenged views (since, except for minor editorial changes, the authors generally had the last word). Also, please remember that the questions were, in almost all instances, raised on the originally submitted paper and may not have the same significance/meaning for the revised final paper being published.

With grateful thanks to the authors and reviewers who make prompt publication in this format possible, we invite your comments on the ways to improve our procedure and seek volunteers to help us with the reviewing of papers in the future.

The Editors.

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