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EDITORIAL

This issue is the complete 69 year index of the contents of *The Microscope*; however, it is not the first time that a cumulative index for this journal has been made available for its readers. An earlier version was published as a supplement in 1982 (covering Volumes 1-30) and again, after the completion of the first 50 years of *The Microscope*, in 1987 (Vol. 35:4). Because these two early indexes are no longer available and nearly 20 additional years have passed, we thought it a good idea to bring things up to date and make the complete author, subject, and book review indexes available as a single-volume print issue that will now, for the first time, also be available in electronic format.

If you are one of the fortunate ones to have access to the 50th anniversary index, you may recall that then-Editor, Walter C. McCrone, predicts that by the time *The Microscope* journal reaches its 100th anniversary, there will be two possibilities for the light microscope: 1) it will be accepted for what it can do, or 2) it will be a collector's item. He goes on to suggest that the outcome depends on us, the microscopists. We will celebrate in 2037. That gives us a little time — but one has to wonder, how well are we doing?

In 1987, when I started my professional career in microscopy, that Editorial hadn't yet been written. I was literally surrounded by microscopists that believed in the instrument and what it could do and that was all that mattered. I saw no indication that the

light microscope was in danger of becoming a collector's item. In fact, for years I believed that this was a modern dilemma but it wasn't until Dr. McCrone told me that when he left Cornell, he was unable to find anyone in industry who really knew what the light microscope or a chemical microscopist could do. Armour Research Foundation in Chicago took a chance and hired him — that was 1948. The rest is history.

The light microscope has been accused of being too simple or too complicated, too subjective, or too unreliable — as compared to automated alternatives. Microscopists couldn't disagree more: the results produced are taken from direct, visual observations, produce immediate reliable results, lots of useful data, and are ideal for macro and micro quantities of material. But the person behind the eyepieces, the microscopist, must be willing to learn, practice, and think.

As contemporary light microscopists continue to fill the gaps left by the great pioneers of microscopy, new students continue to enroll in courses that are once again on the increase and show no signs of slowing. There is every indication that the light microscope continues to flourish, and it must be because we are headed towards possibility No. 1 above. The microscope as a collector's item, will just have to wait.

Gary J. Laughlin, Editor

CUMULATIVE INDEXES

**AUTHOR
SUBJECT
BOOK REVIEWS (BY AUTHOR)**

1937 - 2006 (VOLUMES 1 -54)

EDITORS: Arthur L. E. Barron (1937 - 1962)
Harold Malies (1962 - 1965)
Walter C. McCrone (1965 - 1995, 2000)
David A. Stoney (1996 - 1999, 2001 - 2004)
Robert M. Weaver (2004 - 2005)
Gary J. Laughlin (2005 - present)

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Note on Page Numbering in Volume 15

The balance of this issue consists of author, subject, and book review index for the first 69 years (54 volumes). There is a problem with the page numbering of Volume 15. In June of 1967 the McCrone Research Institute purchased the Microscope from Arthur Barron. At that juncture Arthur had published 366 pages of Volume 15. We, however, published the third quarter issue of Volume 15, but numbered it pp. 1-104 instead of the correct 367-467. We did send a set of correct stick-on page numbers to all subscribers in 1967 and in the 30-Volume index published in the fourth quarter - 1983 issue we gave both page numbers using an * to indicate the incorrect number, e.g., Grabar D.G., Studies of Porous Materials by Interference Microscopy, 15, 406 (43)* (1967).

This system has been continued in this index. All page numbers from 364 (1)* to 467 (104)* are affected. Fortunately, this affects only a few of the hundreds of references.

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