



Newsletter

Of the

New York Microscopical Society

30 North Mountain Avenue, Montclair, New Jersey 07042-1841



Summer 2008

N.Y.M.S. (973) 744-0043

Volume 2 Number 6

Meeting Announcement

Summer 2008

**The New York Microscopical Society Is Proud To Announce
The McCrone Research Institute Inter/Micro Conference Of 2008**
Conference



Inter/Micro 2008

The Inter/Micro Conference

Since its beginning in 1948 as a light microscopy meeting organized by Dr. Walter C. McCrone and Charles Tufts, Inter/Micro has grown to attract microscopists, both amateur and professional, from all areas of light & electron microscopy. These symposia are held every year in Chicago and continue to be sponsored and hosted by McCrone Research Institute.

The Inter/Micro 2008 Conference

The McCrone Research Institute cordially invites you to participate in Inter/Micro 2008, an internationally recognized professional meeting dedicated to applied microscopy.

Meeting Dates: July 7-11, 2008

The symposium will return this year to the Millennium Knickerbocker Hotel (163 E. Walton Place, (p) 800-621-8140). The special room rate for participants is \$195 plus tax for a King room. The Club Quarters hotel (75 E Wacker Dr., reservations: 212-575-0006) will also offer discounted rates to Inter/Micro attendees. Reservations must be made with the hotel before June 6, 2008.

Further information on the 2008 meeting can be found within the [Inter/Micro 2008 Conference Homepage](#)

Past Inter/Micro Conferences

The proceedings of past meetings including speaker and event schedules are available for viewing.

[More Information on past Inter/Micro Conferences](#)

All inquiries can be sent to: intermicro@mcri.org

N.Y.M.S. BOARD OF MANAGERS

President

Peter Diaczuk, exp. 2010
John Jay College
445 W 59th Street
New York, NY 10019
Department of Sciences
212-237-8896
pdiaczuk@jjay.cuny.edu

Vice President

Angela V. Klaus, Ph.D., exp. 2009
Department of Biology
Seton Hall University
400 South Orange Ave
South Orange, NJ 07079
klausang@shu.edu

Treasurer, Librarian & Newsletter Editor

Mel Pollinger, 2011
18-04 Hillery Street
Fair Lawn, NJ 07410-5207
(201) 791-9826, pollingmel@verizon.net

Secretary & Assistant Curator

Joseph Orosz, exp. 2009
29 Kings Road
Rockaway, NJ 07866
(973) 625 5988
j1orosz@aol.com

Past President

Pauline Leary, 2011
Smiths Detection
21 Commerce Drive
Danbury, CT 06810
(203) 207-9754
Pauline.Leary@smithsdetection.com

Past Vice President

John A. Reffner, Ph.D., exp. 2011
Smiths Detection
97 Ocean Drive East
Stamford, CT 06902
(203) 348-8098, jareffner@cs.com

Curator & Education Chair

Don O'Leary, exp. 2010
10 Sampson Street, Unit 113
Saddle Brook, NJ 07663
(201) 368-8849
dkoleary@verizon.net

Membership Chair

Mary McCann, exp. 2009
McCann Imaging
161 Claflin Street
Belmont MA. 02478
(617) 484-7865 Fax (617) 484-2490
mccanns@tiac.net

Webmaster

Roland Scal, Ph.D., exp. 2010
Dept. Biological Sciences & Geology, M-213
Queensborough Community College
222-05 56th Avenue
Bayside, NY 11364-1497
Tel 718-631-6071
Fax 718-631-6678
rscal@qcc.cuny.edu

Board Member

Gary Mayer, exp. 2011
mayer@co.somerset.nj.us

Board Member

Seymour Perlowitz, exp. 2010
perlowitz@hotmail.com

Board Member

Craig Huemmer, exp. 2009
craig.huemmer@jjay.cuny.edu

Archivist & Associate Curator

John Scott

The Mission of the New York Microscopical Society is the promotion of theoretical and applied microscopy and the promotion of education and interest in all phases of microscopy.

Dues and Addresses

Please remember to mail in your Dues to Mary McCann, Membership Chair (see this page for address).

Junior (less than 18 years old) \$10
Annual \$30 (students ≥ 18 years old \$20)
Supporting \$60
Life \$300 (payable within the year)
Corporate \$175 (includes one advertisement in NYMS News)

To avoid missing notices:
Notify Mary if you have changed your address, phone or email.

Alternate Meeting Notifications

Please note that due to time constraints in publishing, some meeting notices may be available by calling Mel Pollinger at 201-791-9826, or by visiting the NYMS website.

Buy and Read a Good Book on Microscopy.

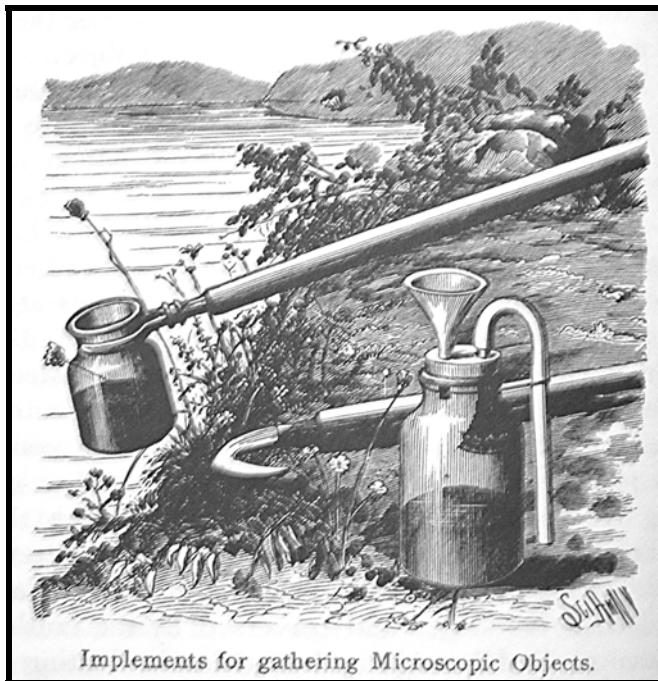
A Tribute To Mort Abramowitz

From His Daughter

Over a year has gone by since the death of my father, Mortimer J. Abramowitz, April 10, 2007. He was an outstanding person and father (of course I am mildly biased. I celebrate the good fortune to be his daughter and continue to consider his virtues and those he bestowed upon me. Any and every obstacle in my path he would try to move. He was a man of intellect, principle, adventure, love, caring, character, compassion. I am very blessed. Thank you Dad, from my entire heart. My thanks to all at the New York Microscopical Society for everything you've done. I know he wanted his collection to be yours. That is why he lives on.

Isabel Abramowitz, May 2008

Field-Collecting This Summer



From "Experimental Science" by George M. Hopkins, Volume 1. (From the library of Dr. Ben Glassman)

In the above image are seen three tools useful for gathering aquatic specimens: (1) Dipping jar with long handle, (2) Concentrating jar, and (3) A long-handle curved knife for collecting aquatic plants. Note the open funnel and inverted "U" tube in the concentrating jar. The

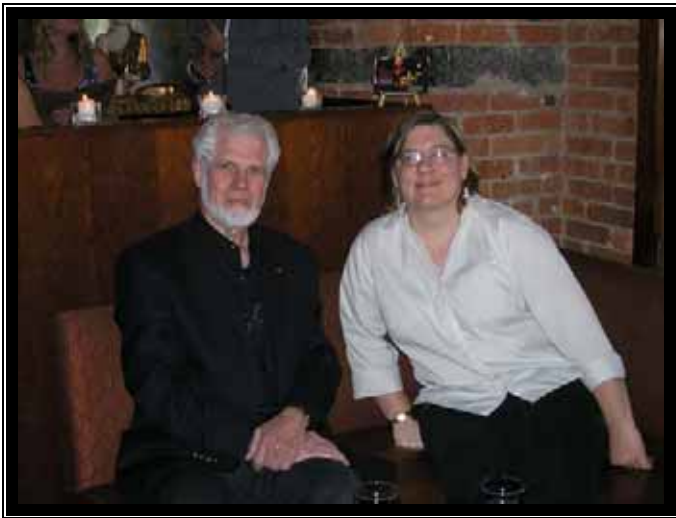
inside-the-jar part of the tube ends in a funnel with its end wrapped in cheese cloth or other suitable filtering material. When the contents of the dipping jar are poured into the open funnel, solids are retained by the filter and relatively clear water is siphoned off by the "U" tube. The filtering funnel is placed such that the filter is as high in the jar as possible so that there is always a sufficient air space above the liquid during travel. After several pourings, the jar will abound with microscopic organisms which may consist of protista, crustacean, insect larva, worms, tadpoles, etc. A word of warning here; it is advisable to keep the population of the concentrating jar from becoming a jelly-like writhing mass of bioforms. Therefore, limit the quantity of pond-water going into the jar.



Dr. Ben Glassman at a pond in Rye, New York in June 2008. The small dark dots seen in the scoop appeared to be daphnia. Previous collecting at this locality has also found daphnia, but of huge size, up to 3mm across.

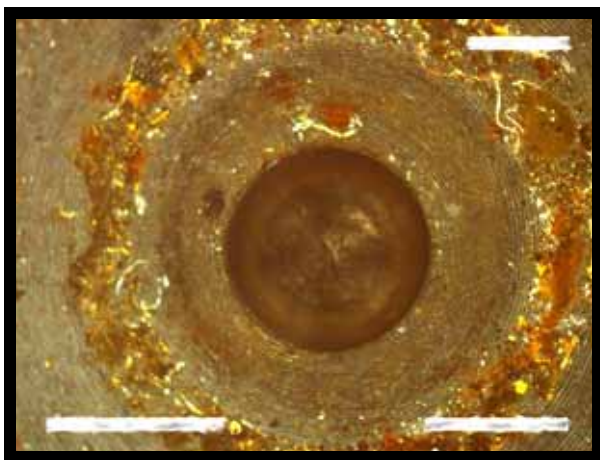
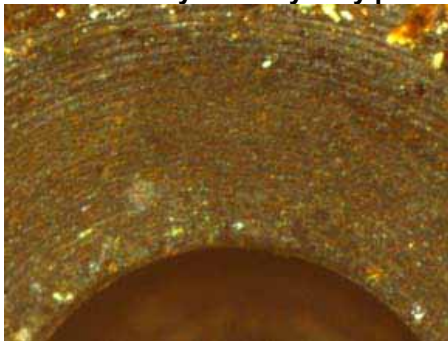


From "Between The Tides" 1931
by William Crowder (NYMS# 5047)



Speaker Arthur Coates and NYMS V.P. Angela Klaus at the May 2008 lecture at the AMNH.

Answer to May 2008 Mystery photo



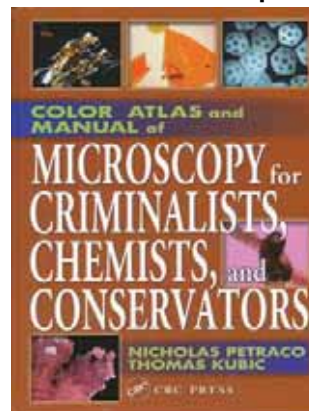
The above image is of the breech face of a firearm. It was taken using a Leica FSC comparison microscope under circular polarized coaxial illumination at extinction. (60X magnification left stage only). The image was provided by Gerard Petillo, CT DPS Forensic Lab, Firearm/Tool Mark unit.

Summer 2008 Mystery Photo



Mystery Photo – Do you think you know what it is? Email or phone me your answer. > Mel

New Book Description



Although methods and techniques that will help solve various analytical problems do exist, they are often difficult to perform. Using polarized light microscopy as the method of choice, Color Atlas and Manual of Microscopy for Criminalists, Chemists, and Conservators offers swift, simple, yet irrefutable analytical tests and testing procedures that can be used to identify organic and inorganic particles. Seasoned

forensic microscopists Nicholas Petraco and Thomas Kubic have lent their expertise as consultants to forensic scientists, analytical chemists, art historians, pathologists, customs agents, detectives, gemologists, numismatists, and art conservators. Now they share their extensive photomicrograph collection of minute specimens along with clear, concise, and simple methods to help solve your analytical problems.

Got something you want to sell, trade or publish in the Newsletter?

Write, call or send an email message to:
201-791-9826 or pollingmel@verizon.net

or

Mel Pollinger, Editor
NYMS Newsletter
18-04 Hillery Street
Fair Lawn, NJ 07410

Regarding how you can receive future newsletters, you may choose one of the following methods:

1. Regular mail, folding may damage images: Do nothing.
2. Email with undamaged full color images, pdf file: Needs your active email address.