Petrography; A review, by Roland Scal, Ph.D., of the technique and its application to the study of sedimentary rocks

Sedimentary rocks provide a record of processes that happened on the earth's surface. These rocks can be interpreted based on their contents and put into the context of earth's history. Many of the principles of sedimentary rocks are well illustrated in thin sections. Thin sections are studied using the petrographic microscope AKA the polarizing microscope. The microscope allows observation of both minerals and morphology of the rocks and a vast literature on rocks' features makes possible recognition of both mineralogical and biological features under the microscope. A brief discussion of educational aspects of petrography and how it might be used to illustrate geological processes and help in the general topic of "microscopy for students" will be part of the talk.

Photomicrographs will illustrate some of the more unusual rocks seen by the speaker and attendees will be shown several exemplars of the rocks that have been thin sectioned. Hopefully the beauty of these rocks will be apparent. Technical aspects of production of thin sections will be addressed, but this talk is intended to be general rather than specific to a particular project/geological-investigation.

Brief Bio
Roland Scal teaches geology at Queensborough Community College in Bayside, NY, and has been a member of the society for 30+ years. He is particularly interested in sedimentary rocks and fossils and you are invited to bring along anything of that type to be observed and hopefully identified.
**New York Microscopical Society Board of Managers**  
(Officers Term 2016-2017)

**President, John Scott**, nyconsnfdn@aol.com; (646)339-6566, Curator, Archivist. Manager 2015-18  
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For additional information contact the Editor: Mel Pollinger at (201) 791-9826, pollingmel@optonline.net

**Dues and Addresses**  
Please remember to mail in your dues to:  
**Mel Pollinger**  
Treasurer, NYMS  
18-04 Hillery St.  
Fair Lawn, NJ 07410-5207  
Junior (under age 18) $10  
Annually  
Regular $30  
Student (age 18 or above) $20  
Annually  
Supporting $60 Annually  
Corporate (includes one advertisement in NYMS News) $175 Annually  
Life $300 (payable within the year)  
To avoid missing notices: Notify Mel Pollinger if you have changed your address, phone or email.

**Awards Given by the New York Microscopical Society**  
The New York microscopical Society takes great pleasure in recognizing and rewarding individuals who have contributed to either the activities of the society or to furthering microscopy. These awards are described in our website and in a pdf file for our email newsletter recipients. All members are eligible to nominate individuals for these various awards, and are encouraged to do so. John A. Reffner, Awards Committee Chairperson  

**Awards Committee**  
Chair: John A. Reffner  
Members  
Jan Hinsch  
Peter Diaczuk  
Angela Klaus  
John R. Reffner

**To Order Your NYMS Lapel Pins**  
Send a check in the amount of $12.00 per pin to:  
New York Microscopical Society  
c/o Mel Pollinger, 18-04 Hillery Street, Fair Lawn, NJ 07410. To avoid shipping & handling charges, pins may be purchased directly at any NYMS meeting for $10.00.

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**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.

**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 emailing: pollingmel@optonline.net

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**Please remember to pay your dues**

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**Buy and Read a Good Book on Microscopy.**

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A Not-For-Profit Educational Organization,(nyms.org) Page 2 of 4
From page 1: Doors will be open at Noon. Refreshments will be available. For additional information, please contact John Scott nyconsnfdn@aol.com; (646)339-6566, or Mel Pollinger (pollingmel@optonline.net), (201)791-9826, or by cell: (201) 314-1354 (on meeting day only)

**Upcoming Microscopical Courses & Events**

*From: “McCrone Research Institute”*
*Subject: Advanced Forensic/Advanced PLM Microscopy Course at McCrone Research Institute, Chicago*  
**At McCrone Research Institute, Chicago**  
**May 22 - 26, 2017**

*From: “Eastern Analytical Symposium & Exposition”  
Subject: EAS - Call for Papers is Now Open  
Join us November 13-15, 2017*  
at our **NEW** location:  
**The Crowne Plaza Princeton Hotel & Conference Center, Plainsboro, NJ**

*From: “McCrone Research Institute”  
Subject: Chemical Microscopy Course  
July 31-August 4 at Cornell University**

---

**SCONYC 39th Annual All-Day Conference and Luncheon**

**Science Education: Preparing for Success!**  
**Saturday, April 8, 2017**  
8:00 AM – 4:00 PM  
On Site Registration begins at 7:45 AM  
Stuyvesant High School, 345 Chambers Street  
New York, NY 10282: Located at the intersection of Chambers and West Street

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**Mystery Photo for Mar 2017**

Answer on pg 4

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Nanotechnology in Conservation: Dr. Enrico Sassoni, Materials Engineer, Microscopist

**Last month: 25 Feb 2017**

Focused ion beam (FIB) microscopy in developing an innovative treatment for preservation of marble and limestone architecture and sculpture.

---

From: [“McCrone Research Institute”](courses@mcri.org)  
Subject: Advanced Forensic/Advanced PLM Microscopy Course at McCrone Research Institute, Chicago At McCrone Research Institute, Chicago May 22 - 26, 2017

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**Mystery Photo for Mar 2017**

Answer on pg 4

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A Not-For-Profit Educational Organization, (nyms.org) Page 3 of 4
Visitors Always Welcome to NYMS

Although most of our lecture meetings, workshops and classes are held in the NYMS Clifton facility on the last Sunday of the month, the building may be opened for special purposes at other times, by appointment only. For such an appointment, please contact Mel Pollinger by phone at (201) 791-9826, M-F noon to 9:30pm, or by email at pollingmel@optonline.net.

From The Editor...

if you have an email address: Getting the newsletter by email means you can receive an extended pdf version that cannot be sent by “snail mail.” Even if you only continue your USPS delivery of the newsletter, NYMS needs your email address for reporting priority events and special news. Being able to contact you quickly by email means better communication between you & NYMS■■ Mel

Need to use a Microscope or Book?

The various microscopes and library are presently for use on the main floor of the New York Microscopical Society building in Clifton, N.J. To arrange for a visit, please contact John Scott, or Mel Pollinger (see pg 2 for details)

Microscope Cleaning Kit: Only 4 left

A complete set of tools and accessories to keep your microscope in optimum operating condition. The kit is put together by our previous Curator/Educational Chairman, Don O’Leary, and available directly from NYMS, while they last, for only $40.00 plus shipping & handling, or may be purchased at a meeting. Call or email Mel Pollinger for details (see page two for contact numbers).

NYMS microscope slide collections are available for study at meetings and by appointment.

Errata: The Rochow letter, Patnode images article, although listed on the Feb 2017 Supplement page was moved to the March 2017 Newsletter.

This fellow has some truly superb images which think you and your readers will enjoy.
http://www.mismicrophoto.com/

Warm regards,
Richard Howey
*****************************************************************

Hello everyone,

I thought you might like this article if you have not seen it already.
The Beautiful Brain: The Drawings of Santiago Ramón y Cajal
January 9 – March 31, 2018 | Grey Art Gallery, New York University
New York City, New York, USA
http://wam.umn.edu/event/cajal

Jay Holmes
*****************************************************************

NYMS Meeting Dates

Most lecture meetings of NYMS are usually held in Clifton on the last Sunday of the months of Jan., Feb., Mar., May, Sep., Oct. Exceptions and additions will be noted in the Newsletter, or by email.

Additional Historical NYMS Supplements

Email Newsletter recipients can also receive copies of NYMS Newsletter pdf back-Issues from 2007. Copies of older newsletters will be included in the supplement section as I convert them.

Attention NYMS Members

Got something to sell? Article to publish? Pictures for the newsletter? Looking to buy something? Want to use the library? Want to use a NYMS microscope?
For any of the above, contact the Editor, Mel Pollinger.

ANSWER TO MYSTERY PHOTO ON PG3.
Section of partially submerged tree stump at Mill Creek Marsh Trail, Secaucus, New Jersey.
(20170119DSC0776b3x2x100) Photo by MP

A Not-For-Profit Educational Organization, (nyms.org) Page 4 of 4
March 2017

In This Section:
◊ Sassoni talk of 25Feb2015.
◊ Rochow ltr, Patnode pix
◊ SCONYC Event Flyer
◊ McCrone Adv Forensics & Pol.
◊ McCrone Course, Chem~Micro
◊ Historical NYMS Bulletins
◊ EAS Call for papers
◊ Directions to NYMS
◊ NYMS Sales Items
◊ Membership Application
◊ Last page images
25 Feb 2017
Focused ion beam (FIB) microscopy in developing an innovative treatment for preservation of marble and limestone architecture and sculpture.
During February 25th Members meeting, an informal presentation:
Dr Robert (Bob) Vetrecin, Ethicon Research Fellow (ret.)
At about 1 PM, during our noon – 2 social and technical period, before our featured speaker, we’ll welcome American Microchemical Society President Bob Vetrecin’s informal presentation:

“Meet the American Microchemical Society”

Together with several NYMS Board members, Bob Vetrecin is very active in the Organizing Committee / Governing Board of the NYMS-sponsored Eastern Analytical Symposium.

~John Scott
May 15, 1981

Dr. Jerome Metzner, President
16 Finehurst Street
Lido Beach, NY 11561

Mr. Walter W. Aschoff
130 Highwood Avenue
Leonia, NJ 07605

Dear Jerry and Walter,

Some time ago I wrote the article on "Who Was Winton Irving Patnode?" for the Society's Newsletter. As far as I know, it has not been published, so I am enclosing a copy for each of you. I had sent a copy to my brother Gene who knew "Fat" even better than I. (All three of us were contemporary at Cornell and took Chemical Microscopy under Chamot and Mason.) Gene sent a copy of the article to his widow, Evelyn Bassage Patnode (also contemporary at Cornell). She wrote to me and offered some of the original commercial photomicrographs of living organisms in natural color. Some of these beautiful photographs (which, by the way, Pat developed himself) were published in the Museum's Natural History magazine.

When Walter wrote me that you are thinking about a microscopical exhibit jointly with the Museum, I wrote to Mrs. Patnode, asking if she would like to contribute Pat's original slides to NYMS, the American Museum of Natural History, or both. She replied affirmatively. I favor ownership by our Society, and control in our library. But I would like to see a few enlarged and displayed in the Museum (at least during our joint exhibit this fall).

These are superb photomicrographs, and have been widely recognized as such. If you accept them, write to Mrs. I. B. Patnode, 1623 Garden Street #1, Santa Barbara, CA 93101 and tell her where she should send them. Then they should be appraised and the value given to Mrs. Patnode for tax deduction. The evaluation could be made by Photoresearchers, Inc., 60 East 56th Street, New York, NY 10022. They have been agents in sales of copies to publishers, et al. If there is difficulty about royalty, Mrs. Patnode is willing to transfer her interest to the new owner of the original photographs.

Please send me a copy of your correspondence in this regard.

Sincerely,

Ted Rochow
photomicrographs

BY WINTON PATNODE
39th Annual All-Day Conference and Luncheon

Science Education: Preparing for Success!

Saturday, April 8, 2017
8:00 AM – 4:00 PM
On Site Registration begins at 7:45 AM

Stuyvesant High School
345 Chambers Street
New York, NY 10282
Located at the intersection of Chambers and West Streets

Certificate available for SIX HOURS of professional development
New York City Department of Education Endorsed

- Keynote Address: *Is the Earth Warming or Cooling? Ice Ages and Climate Change.*
- Special workshops planned for new and in-service science teachers on understanding of current assessment system
- CTLE CREDIT required for mandatory PD 175 hours required by NYSED will be available for selected workshops as noted in the final program and in updates on our website.
- Informal educational resources available for NYC including museums, zoos, aquariums, environmental and National parks
- Information about textbooks, educational materials, programs and ideas
- Commercially developed educational workshops
- Easy access via many major subway lines and the NJ PATH system
- Exhibition Hall featuring books, programs, and classroom materials
- Hot buffet luncheon available

For more information visit our website at http://www.sconyc.org

On-line registration and payment available.

*SCONYC is a Non-Profit Organization and an associate member of the National Science Teachers Association

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<tr>
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| 12:45-1:45  | Luncheon        |
| 1:45-2:45   | Session C       |
| 3:00-4:00   | Session D       |

4:00 PM Certificate of Completion of Six Hours of Professional Development and Door Prize Giveaway

Register Early & Save $$$

Workshops for All Levels of Science
Member Associations of SCONYC

Associate Members
Environmental Education Advisory Council - United Federation of Teachers Science Committee
New York State Science Olympiad, Inc.- United Federation of Teachers Outdoor-Environmental Education Committee

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<th>Conference Committee Contacts</th>
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<td>Coordinator</td>
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<td>Mary Lobello</td>
<td>Jack DePalma</td>
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<td>Vice President</td>
<td><a href="mailto:JDePalma@nyc.rr.com">JDePalma@nyc.rr.com</a></td>
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<tr>
<td>John Augenstein</td>
<td>718- 858-2355</td>
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<tr>
<td>Secretary</td>
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<td>John Cunningham</td>
<td>Ellen Mandel</td>
</tr>
<tr>
<td>Treasurer</td>
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<td>Lew Malchick</td>
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<td><a href="mailto:DLAsconyc@gmail.com">DLAsconyc@gmail.com</a></td>
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<td>Vendor/ Exhibit</td>
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“David Kraus Lecture”

KEYNOTE ADDRESS:
Is the Earth Warming or Cooling? Ice Ages and Climate Change

Dr. Athanasios Koutavas College of Staten Island

Man-made climate change is considered by many the most vexing environmental problem of our time. In this talk I will place this issue in a broader scientific context and argue that much of the anxiety surrounding it is unnecessary and counterproductive. Climate Change is a real phenomenon but must be viewed in a proper philosophical and scientific context which acknowledges that we live on a dynamic planet, where changing natural phenomena and environmental perturbations are part of the natural order.
**Registration Form: NEW REGISTRATION PROCEDURE**

1. **Register and pay online using your credit card at** [http://www.sconyc.org](http://www.sconyc.org)

2. **Mail Registration**

   **Print** registration form from website or use a printed flyer and mail with a check or money order payable to **SCONYC**, before deadline mail it to **Ellen Mandel**

   1225 Round Swamp Road
   Old Bethpage, NY 11804-1131

---

**EACH registrant must use a separate form. Please PRINT all information. Please duplicate this form as needed.** Payments MUST be postmarked by March 10, 2017 to be eligible for the early bird discount. **FINAL date for MAIL (Postmarked) or ONLINE REGISTRATION March 31, 2017.**

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**Total Amount Enclosed:**

$__________

Kindly use a separate registration form for each participant.

On-line registration and payment at [www.sconyc.org](http://www.sconyc.org) or Mail registration form along with your check or money order payable to **SCONYC** to:

**Ellen Mandel**
1225 Round Swamp Road
Old Bethpage, NY 11804-1131

Payment must be received by **March 10, 2017** to qualify for the Early Registration Discount. General Registration will be accept on-line and by mail until **March 31, 2017**

*We cannot guarantee the availability of meal tickets for sale on site.*
Advanced Forensic / Advanced PLM Microscopy Course

At McCrone Research Institute, Chicago
May 22 - 26, 2017

McCrone's Advanced Forensic Microscopy / Advanced Applied Polarized Light Microscopy course will review Köhler illumination and all polarized light microscopy (PLM) techniques. Single polar: shape, size, surface, homogeneity, association, transparency, color, pleochroism, image contrast, refractive indices, dispersion staining. Crossed polars: retardation, birefringence, anomalous polarization colors, extinction, sign of elongation, interference figures, correlation of optics and morphology, etc. Observations will be applied to hair, fibers, glass, minerals, drugs, explosives, gunshot residue, white powder, and general dust samples. Learn more and register online

Other McCrone Courses

Select a title to read the course description and register online:

Microscopical Identification of Asbestos -- March 13-17

Asbestos Fiber Counting [NIOSH 582] -- May 1-5

Food Microscopy -- May 8-12

Scanning Electron Microscopy and X-ray Microanalysis -- May 8-12

Microscopical Identification of Asbestos -- May 22-26

View all 2017 Microscopy Courses
McCrone Microscopy Courses by Category

Asbestos, Fungal Spore, Pollen, Dust, and Other Indoor Air Quality Courses
PLM, Forensic Microscopy, and Advanced Microscopy Courses
SEM, FT-IR, Fluorescence, Raman, Sample Prep, and Other Micromethods Courses
Specialty Microscopy and Other Courses

Visit www.mcri.org for full descriptions of all courses, secure online registration, hotel information, and more.

Since 1960, McCrone Research Institute in Chicago has offered intensive courses in microscopy that emphasize the proper use of the microscope and more specialized microscopy, focusing on a particular technique, material, or field of application. All courses are hands-on, featuring lectures, demonstrations, and laboratory practice.

We look forward to seeing you in Chicago!
Chemical Microscopy Course
At Cornell University, Ithaca, NY
July 31 - August 4, 2017

McCrone's Chemical Microscopy (1202) is a graduate-level applied polarized light microscopy (PLM) course that covers all the necessary techniques of PLM for identifying and analyzing optical and chemical properties of small particles. In this hands-on course, students will learn how to:

- Perform reliable PLM operations and techniques
- Identify small particles, including organic and inorganic chemical compounds
- Characterize fibers from animal, mineral, vegetable, and man-made origin
- Perform microchemical and microcrystal tests
- Practice visual/thermal methods
- Study crystals and optical crystallography

Lectures and laboratory demonstrations using video for macro- and micro-projection will cover PLM theory, techniques, and interpretation. Each student will perform applicable exercises on the polarized light microscope.

This course is taught by Dr. Gary J. Laughlin, senior research microscopist at McCrone Research Institute. Learn more and register online

Chemical Microscopy at Cornell

Émile M. Chamot, the preeminent authority in the application of the microscope to chemistry and the "father of chemical microscopy," did his senior research thesis
at Cornell University with Professor George Caldwell, the first head of the Chemistry Department. Baker Laboratory, where Chamot taught, is the birthplace of chemical microscopy in the United States.

Walter C. McCrone, founder of McCrone Research Institute in Chicago, obtained a B.S. in chemistry (1938) and a Ph.D. in chemical microscopy (1942) from Cornell. He spent two additional years doing his post-doc research with Professor Chamot. McCrone Research Institute, where McCrone developed and taught additional courses, is now a center of microscopy education and research.

Other McCrone Courses

Select a title to read the course description and register online:

- **Microscopical Identification of Asbestos** -- March 13-17
- **Asbestos Fiber Counting [NIOSH 582]** -- May 1-5
- **Food Microscopy** -- May 8-12
- **Fluorescence Microscopy** -- May 16-18

View all 2017 Microscopy Courses

McCrone Microscopy Courses by Category

- Asbestos, Fungal Spore, Pollen, Dust, and Other Indoor Air Quality Courses
- PLM, Forensic Microscopy, and Advanced Microscopy Courses
- SEM, FT-IR, Fluorescence, Raman, Sample Prep, and Other Micromethods Courses
- Specialty Microscopy and Other Courses

Visit [www.mcrl.org](http://www.mcrl.org) for full descriptions of all courses, secure online registration, hotel information, and more.

Since 1960, McCrone Research Institute in Chicago has offered intensive courses in microscopy that emphasize the proper use of the microscope and more specialized microscopy, focusing on a particular technique, material, or field of application. All courses are hands-on, featuring lectures, demonstrations, and laboratory practice.
NEW YORK MICROSCOPICAL SOCIETY BULLETINS
The following original-print bulletins can be purchased by NYMS members. The bulletins are limited in number and can be purchased, while they last, at $2.00 each, 8 copies for $10 plus $2.00 S&H. Also, in limited supply are original-print NYMS journals, while they last at $5.00 each. The journals date back to 1896. The bulletins, Journals and other out-of-archive publications may be viewed at the NYMS Library in our building in Clifton, New Jersey. If interested in owning a part of NYMS history, please contact Mel Pollinger by email pollingmel@optonline.net or by daytime phone at (201) 791-9826.

Vol. 1 New York, N. Y., January, 1937 No. 3
COLLECTING RECENT DIATOMS By JOSEPH F. BURKE

Vol. 1 New York, N. Y., February, 1937 No. 4
PREPARING RECENT DIATOMS By JOSEPH F. BURKE

Vol. 1 New York, N. Y., November, 1937 No. 5
MOUNTING RECENT DIATOMS By JOSEPH F. BURKE

Vol. 3 New York, N. Y. June, 1951 No. 1
PREPARATION OF METAL FOR MICROSCOPICAL EXAMINATION
by F. Gordon Foster Fellow, New York Microscopical Society

Vol. 1 New York, N. Y., December, 1936 No. 2
MAKING A ROCK SECTION
By GEORGE E. ASHBY

Vol. 1 New York, N. Y., February, 1936 No. 1
THE MYCETOZOA
By ROBERT HAGELSTEIN

Vol. 2 New York, N. Y., April, 1944 No. 1
THE HISTORY OF THE MICROSCOPE
By ROBERT HAGELSTEIN

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MOUNTING INSECTS BY THE PRESSURE METHOD, By Roy M. ALLEN
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The Crowne Plaza Princeton Hotel & Conference Center
Plainsboro, NJ

We invite you to be part of EAS by contributing a paper for oral or poster presentations. EAS seeks contributions from scientists in ALL areas of analysis, which make its program uniquely strong. For more details and to submit: www.eas.org/asubmit

Introducing new submission deadlines for 2017!

Oral Abstracts: March 1 - May 26
Poster Abstracts: March 1 - September 1

February Retort is now Available

Check out the preliminary list of Short Courses, invited sessions and other programs being planned for November. Click here to download pdf file of the Retort

EAS Awardees

We are proud to announce the honorees of the EAS Awards in 6 areas of interest. Visit our website for the complete list of awardees and their biographies.
Directions to NYMS Headquarters

One Prospect Village Plaza  
(66F Mount Prospect Avenue)  
Clifton, NJ 07013

GPS: Intersection of Colfax & Mt. Prospect:  
Latitude 40.8656 N, Longitude 74.1531W,  
GPS: Our building: Latitude 40.8648 N,  
Longitude 74.1540 W

From George Washington Bridge:  
Take Interstate Route 80 west to Exit 57A, Route 19 South. Take Route 19 to Broad Street and continue two lights to Van Houten Avenue. Turn Left. Go to second light, Mount Prospect Avenue and turn left. Building 66F is on the left side, one and a half blocks from Van Houton.

From Lincoln Tunnel:  
Follow exit road to NJ route three west. Continue to Bloomfield Avenue exit. Turn right to Circle and go three quarters to Allwood Road West. Mount Prospect Avenue is a few blocks on the right (a small street) Turn right and go to first light (Van Houten) continue. Building 66F is on the left side, one and a half blocks from Van Houton.

From North:  
Take Garden state Parkway South to Route 46 Clifton Exit. On 46 Make second exit to Van Houten Ave. Continue to third light Mount Prospect Avenue and turn left. Building 66F is on the left side, one and a half blocks from Van Houten.

From Route 46 coming from west:  
Take Broad Street Exit in Clifton and follow Directions above from GW Bridge.

From route 46 coming from East: Take Paulson Avenue Exit in Clifton and follow to Second light, Clifton Ave turn right. Go to next light, Colfax, turn left, go three blocks and turn right on Mount Prospect Ave.. Building 66F is half block on right.

Public transportation from NY:  
Take NJ Transit train from Penn Station to Secaucus Transfer Station. Change trains to Bergen Line to Clifton (call NJ Transit for schedules). From Clifton Station cross under tracks to first street and go left one block to Mount Prospect Street, turn right and Building 66F is one half block on Right.

If you plan to come by bus or train, please copy the links below into your browser:  
http://www.njtransit.com/sf/sf_servlet.srv?hdnPageAction=TripPlannerItineraryTo  
http://www.njtransit.com/sf/sf_servlet.srv?hdnPageAction=TrainTo
# New York Microscopical Society Items For Sale
29-Feb-2016

## N.Y.M.S. Microscope Covers

<table>
<thead>
<tr>
<th>Item #</th>
<th>Size</th>
<th>Member Price</th>
<th>List Price</th>
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<tbody>
<tr>
<td>MT-003</td>
<td>Small Microscope or Stereo, 15&quot;W x 17&quot;H</td>
<td>$18.00</td>
<td>$20.00</td>
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<tr>
<td>MT-004</td>
<td>Lab Microscope or Large Stereo, 20&quot;W x 18&quot;H</td>
<td>$23.00</td>
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<td>MT-005</td>
<td>Large Lab Scope, 22&quot;W x 21&quot;H</td>
<td>$28.00</td>
<td>$30.00</td>
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<tr>
<td>MT-009</td>
<td>Large Lab Scope with Camera, 9&quot;W x 19&quot;Deep x 23&quot;H</td>
<td>$31.00</td>
<td>$33.00</td>
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<tr>
<td>MT-010</td>
<td>Universal Scope with Camera, 11&quot;W x 25&quot;Deep x 23&quot;H</td>
<td>$36.00</td>
<td>$40.00</td>
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<tr>
<td>MT-012</td>
<td>X-large Scope</td>
<td>$45.00</td>
<td>$50.00</td>
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## N.Y.M.S. Microscopes (see below for images)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Member Price</th>
<th>List Price</th>
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<tbody>
<tr>
<td>185</td>
<td>Monocular Dissecting Microscope</td>
<td>$85.00</td>
<td>$99.00</td>
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<tr>
<td>131</td>
<td>H.S. Student Microscope</td>
<td>$190.00</td>
<td>$245.00</td>
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<tr>
<td>131-FLU</td>
<td>H.S. Student Microscope (Fluorescent)</td>
<td>$200.00</td>
<td>$255.00</td>
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<tr>
<td>125-LED</td>
<td>H.S. Student Microscope (LED)</td>
<td>$240.00</td>
<td>$309.00</td>
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</tbody>
</table>

## Other Items

- **NYMS Glossary of Microscopical Terms**
  - $30.00
  - $35.00
- **NYMS Patch**
  - $5.00
  - $7.00
- **Microscope Cleaning Kit**
  - $40.00
  - $45.00
- **NYMS Lapel Pin**
  - $10.00
  - $15.00
- **NYMS Engraved Pen**
  - $7.00
  - $10.00
- **Rotifer Book by Howard Taylor**
  - $20.00
  - $40.00

*When available
I hereby apply for membership in the New York Microscopical Society

Name: (Dr., Ms., Mr.) ........................................................................................................ Nickname ................................................................

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Phone: ........................................ Fax: ................................................. E-Mail: ..................................................

Work: Company: ........................................ Address: ..................................................

Phone: ........................................ Fax: ................................................. E-Mail: ..................................................

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Principal work or interest in Microscopy: ............................................................................

On what topic are you available as a speaker? ....................................................................

Would you like information about NYMS committees? Yes ☐ No ☐

Awards ☐ Membership ☐

Education ☐ Library ☐ Finance ☐ Curator ☐ Housing ☐ Program ☐ Publications ☐ History ☐

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Academic and Honorary Degrees:

Degree .............................................................. Conferring Institution ...........................

Date ........................................................................................................................................

Scientific Publications:

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Membership in Scientific Societies:

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Date of birth (optional if over 18)..........................................................................................

I have enclosed a check for $.............. to cover my application fees for membership (Annual $30, Supporting $60, Life $300 payable within the year), Corporate $175 (includes one advertisement in NYMS News), Junior $5 (under 18 years old). Student (over 18) $20

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I would prefer my home ☐ work ☐ address/phone included in the NYMS Directory.

Signature ............................................................................................................................... Date ..........................................

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Live water mite, Arthropoda: Acari: Hydrachnida, by Tony Thomas  

Potassium iodide (Rheinberg illumination), 100x (P1952007), by Mel Pollinger