



Newsletter

Of the

New York Microscopical Society



1 Prospect Village Plaza
(66F Mt. Prospect Avenue)
Clifton, New Jersey 07013-1918
GPS: Latitude 40.8648N, Longitude 74.1540W

March 2018

Editor: (201) 791-9826

Volume 14 (33) Number 3

New York Microscopical Society Winter-Spring 2018 Schedule of Events

March 24th , 2018: Science Council of New York City , (SCONYC)

In March NYMS will offer our Members, and science teachers and the general public, three workshops (1.5 hour lecture-labs) and an exposition table, in the March 24 annual Science Council of New York City conference in Manhattan--aka 'SCONYC'--at Stuyvesant High School in Manhattan, NYC. NYMS is a sponsoring organization of SCONYC, currently with three voting and planning delegates on the SCONYC Board. Our delegates and instructors help to produce the meeting, during the year and on the day.

NYMS' three workshops at SCONYC 2018: an introduction to stereobinocular microscopy; an introduction to smartphone photomacrography; and microscopy in studying the local geology of New York City.

The conference's featured keynote speaker is Michael DiSpezio!

<https://en.m.wikipedia.org/wiki/Michael_A._DiSpezio>

We hope you Registered, before March 1! The SCONYC conference is open to all, not just science teachers, albeit there is a small registration fee. Plan to participate, and to ensure enough registrants for the well-organized and always worthwhile conference to be confirmed, please visit the SCONYC Eventbrite page.

<https://www.eventbrite.com/e/sconyc-40th-annual-conference-science-shift-into-new-dimensions-tickets-42823890409>

Event flyers on pages 5,6,7,8.

Friday April 6th Microscope day at Centenary University in NJ on Friday April 6th

Event flyers on pages 5,6,7,8. Additional locations TBA.

Sunday April 22 at our Clifton headquarters, Jan Hinsch will address our Members Meeting on "140 years of The New York Microscopical Society." Do not miss his presentation and our open discussion!

Wednesday April 25 NYMS meets jointly with the NY-NJ Soc. for Applied Spectroscopy, in an analytical systems development laboratory near Princeton, NJ. Details TBA.

Late May: Internationally known Art Analyst Jennifer Mass, erstwhile professor at U of Delaware and the Winterthur Museum conservation science laboratory, and now with Bard College and with her consulting firm, will address us at a Manhattan venue, in late May, not on Memorial Day weekend. Details TBA.

See pages 5,6,7,8 for SCONYC and Centenary Microscopy day Flyers

New York Microscopical Society Board of Managers

President and Secretary 2017-18, Brooke Kammrath, bkammrath@newhaven.edu; (203) 931-2989,
Manager 2016-2019.

Vice President 2017-18, John Scott, nyconsnfdn@aol.com; (646)339-6566, Curator, Archivist, Facilities
Assistant, Past President, Manager 2015-2018.

Treasurer 2017-18, Mel Pollinger, pollingmel@optonline.net; (201)791-9826, Facilities, Editor,
Librarian, Manager 2017-20.

Manager 2015-2018, Lou Sorkin entsult@aol.com, (914) 939-0917.

Manager 2015-2018, Guy deBaere guysbaere@aol.com; (347) 668-4798 Outreach Program Chair

Manager 2016-2018, Jay Holmes jholmes@iqc.org; (212) 769-5039, Outreach Program Assistant.

Manager 2016-2019, Peter Diaczuk pedicoplanb@gmail.com; (917) 578-3049, Past President.

Manager 2016-2019, Seymour Perlowitz perlowitzs@hotmail.com; (718) 338-6695

Manager 2016-2019, Roland Scal, rscai@qcc.cuny.edu; (718) 631-6071.

Manager 2017-2020, John A. Reffner jareffner@cs.com; (203) 358-4539 Past President.

Manager 2017-2020, John R. Reffner, Jr. jrr11p@gmail.com; (215) 527-1882.

Manager 2017-2020, Andrew J. Winter, ajwinter112@gmail.com, Education Chair.

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 \$500 (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

John R. Reffner



Mel Pollinger, Editor
18-04 Hillery St.
Fair Lawn, NJ 07410-5207

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.



Please remember to pay your dues

Buy and Read a Good Book on 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

SCONYC 40th Annual 2018

All-Day Conference and Luncheon

Science: Shift Into New Dimensions

Saturday, March 24, 2018

8:00 AM – 4:00 PM

On Site Registration begins at 7:45 AM

Stuyvesant High School

345 Chambers Street

New York, NY 10282

For more information visit our website at

<http://www.sconyc.org>

On-line registration and payment available.

(See flyer in email supplement section)

Inter/Micro 2018

70th Annual International Microscopy Conference

**June 11 - 15, 2018 at McCrone Research
Institute, Chicago**

Call for Papers: Speaker Presentations June 11-13: McCrone Research Institute cordially invites you to give a presentation of your microscopy research at the 70th annual Inter/Micro conference in Chicago. Join professional and amateur microscopists from around the world as they present new research on techniques and instrumentation, environmental and industrial microscopy, and chemical and forensic microscopy. Speakers receive a \$50 registration discount. The abstract submission deadline is **March 16, 2018**. View abstract submission guidelines and register online. (See email supplement for flyer)

June 11-13: McCrone Research Institute cordially invites you to give a presentation of your microscopy research at the 70th annual Inter/Micro conference in Chicago.

Join professional and amateur microscopists from around the world as they present new research on techniques and instrumentation, environmental and industrial microscopy, and chemical and forensic microscopy.

Speakers receive a \$50 registration discount.
The abstract submission deadline is **March 16, 2018**.
(View abstract submission guidelines and register online.)

***Do you have some photomicrographs for
the NYMS Newsletter Gallery?
Please send them in!***

EAS CALL FOR PAPERS is now OPEN!

Join us November 12-14, 2018

**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 it's program uniquely strong. For more details and to submit: www.eas.org/asubmit

Introducing new submission deadlines for
2018!

Oral Abstracts: March 1 - May 1

Poster* Abstracts: March 1 - September 1

**New for 2018 - Posters will be displayed electronically*

You Can Help!

If you have a suggestion for future programming, please send it! see BoM, page 2 for contact info:
John Scott, NYMS Vice President-Program
Coordinator, Curator, Archivist, Fellow,
646.339.6566

About NYMS

For about six decades the meeting place of the Society was the Museum of Natural History but that came to an end when the museum needed more space for its own events. The Society was forced to look for new quarters and after two interim domiciles we found a building for sale in Clifton, NJ, that was ideally suited to our needs. While the headquarters of the NYMS paradoxically are in New Jersey, our location is easily reached by public transportation from New York and a substantial segment of our membership are New Yorkers.

We are elated to have our own place. There is sufficient space for workshops and meetings. In the many years of the Society's existence we have accumulated a trove of prized possessions. The walls are lined with shelves of books on microscopy and about 30 antique brass microscopes are on permanent display. There is a large collection of microscope slides, specimens and up-to-date microscopes with which to examine them.

The New York Microscopical Society is a 501©3
Educational Organization originally founded in 1877,

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 in the months of Jan., Feb., Mar., May, Sep. & Oct. 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 (microscopes), or Mel Pollinger (Library) (see pg 2 for contact #'s)

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

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.

Upcoming NYMS events are noted on the NYMS website and in the NYMS Newsletters both printed and email versions.

Get Involved in the your NYMS Newsletters: Articles, images and comments are always welcome and necessary; who knows; we may learn something new and you may enjoy being a contributor. MP

NEW YORK MICROSCOPICAL SOCIETY **BULLETINS**

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. NYMS bulletins, Journals, Yearbooks and other out-of-archive publications may be viewed at the NYMS Library 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

Vol. 1 New York, N. Y., January, 1940 No.6
MOUNTING INSECTS BY THE PRESSURE METHOD, *By* Roy M. ALLEN

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. NYMS bulletins, Journals, Yearbooks and other out-of-archive publications may be viewed at the NYMS

Library 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





SCONYC

Science Council of New York City



40th Annual All-Day Conference and Luncheon Science: Shift Into New Dimensions

Saturday, March 24, 2018

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

**Register Early
& Save \$\$\$**

**Workshops for
All Levels of Science
PK-12**

**Certificate available for 5 HOURS of professional development
New York City Department of Education Endorsed**

- ❖ *CTLE CREDIT required for mandatory PD 100 hours required by NYSED will be available for selected workshops as noted in the final program and in updates on our website.*
- ❖ Keynote Address: Reengineering NYC Science Instruction for the 21st Century Classroom: Michael DiSpezio
- ❖ There are 4 workshop sessions and you can select workshops of your choice for each session.
- ❖ Special workshops planned for new and in-service science teachers on understanding of current assessment systems and instructional strategies.
- ❖ Update your content understanding.
- ❖ 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.

The Day at a Glance- *NEW FORMAT*

7:45-9:30 AM Walk in Registration			
7:45-9:00	Coffee, Tea and Muffins	11:45-12:45	Keynote Address
8:15- 9:15	Session A	12:45-1:45	Luncheon
9:15- 12:00	Exhibits and Free Materials	1:45- 2:45	Session C
10:30-11:30	Session B	3:00- 4:00	Session D
4:00 PM Certificate of Completion of Six Hours of Professional Development and Door Prize Giveaway			

Member Associations of SCONYC

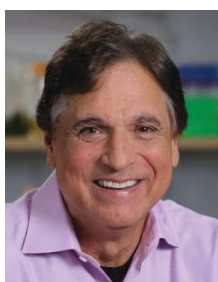
Catholic Science Council-Diocese of Brooklyn -Chemistry Teachers Club of New York - Educators for Gateway - Elementary School Science Association - New York Biology Teachers' Association - New York Microscopical Society- New York State Marine Education Association - Physics Club of New York -Science Supervisors Association- Science Teachers Association of New York State (NYC Section)

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

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

SCONYC Executive Board		Conference Committee Contacts	
President:	Mary Lobello	Coordinator	Jack DePalma JDePalma@nyc.rr.com 718- 858-2355
Co-President:	Gail David	Program	President@sconyc.org
Secretary:	Elisa Margarita	Registration	Ellen Mandel Treasurer@sconyc.org
Treasurer:	Ellen Mandel	Vendor/ Exhibit	Dawn Adams Campbell Exhibits@sconyc.org Gail David GIDAVID@AOL.COM
		Program and Booklet	Alan Ascher Dahlia McGregor programbook@sconyc.org
		Facilities	Elizabeth Fong Guy de Baere



“David Kraus Lecture” **KEYNOTE ADDRESS:**
**Reengineering NYC Science Instruction for the 21st
Century Classroom**
Michael DiSpezio

Registration: Follow these procedures:

1. Register and pay online using your credit card at <http://www.sconyc.org> follow link to Eventbrite.
2. Mail Registration: **DOWNLOAD** registration form on the website.
3. Purchase orders can be accepted in advance. Send an email to Treasurer@sconyc.org for detailed instructions.

Registration Fees:

On Site Registration:	Early Bird Registration must be postmarked by 2/28	General Registration On-line or by mail must be postmarked by 3/19	On-Site
7:45 AM on Saturday March 24, 2018 At Stuyvesant High School			
Full-Time Undergraduate or Full-Time Graduate College Student. include a copy of your college ID, current course schedule, and instructor's name with this form	\$20	\$25	\$30
Teachers, Informal Educators, Part-time college students and all others.	\$35	\$40	\$45
Hot Buffet Lunch	\$15	\$15	\$15 if available*

- ❖ Want to make a presentation? Go to the following site:
<https://goo.gl/forms/lwPB9vuCnZed0LVs2> and enter your proposal. *Share your
classroom experiences with other teachers, registration fee is free.*
- ❖ If you know someone who wants to have an exhibit table send a message and
receive an application form: Exhibits@sconyc.org

Attend our annual conference and meet other Science Teachers. This is a conference for and by Science Teachers.



**The Departments of *Social Sciences* and *Science* of Centenary University
and the
New York Microscopical Society**

Present

A Criminal Justice & Science Symposium

Friday, April 6, 2018

0830 – 0900 Registration & Coffee

0900 – 0915 Welcoming Remarks & Housekeeping

Dr. Amy D’Olivo, Vice President of Academic Affairs & Chief Academic Officer
Associate Professor of Sociology, Centenary University

Dr. Joseph P. Linskey, Professor of Criminal Justice & Sociology
Coordinator of Criminal Justice Studies Program

0915 – 0945 Mr. William Pauli, Collision Reconstruction Specialist, Somerset County
Prosecutor’s Office, Collision Analysis Reconstruction Team / Bridgewater
Township Police Department, Lt. (Ret.)

The Science of Vehicular Homicide

0945 – 1015 Ms. Kelly Petersen, Genus Life Sciences, Inc.

***Cartridge Case Ejection Pattern based on Bullet Weight, Caliber, and Firearm
Positions***

1015 – 1045 Coffee Break

1045 – 1115 Officer Alan Sciarrillo, Edison Police Department, Centenary University Alum

***Evaluations of the Implementation of Body Worn Cameras in the Edison Police
Department***

1115 – 1145 Dr. Brooke W. Kammrath, Ph.D., D-ABC, Assistant Professor of Forensic
Science, University of New Haven

***Microscopical and Microspectroscopical Analysis of Automotive Paints for the
Evaluation of Evidentiary Significance: A Study of Red Paint***

- 1145 – 1245 Lunch
- 1245 – 1315 Mr. Alan Paris, Director of Industrial Microscopy, Leica Microsystems
Contrast Techniques for Optical Microscopy
- 1315 – 1345 Ms. Andrea Tegtmeier, Centenary University
Medico-Legal Investigation: The Scene
- 1345 – 1415 Coffee Break
- 1415 – 1445 Ms. Katherine O’Connell, Centenary University
Split Second Decision – Is It Real Or Is It Fake?
- 1445 – 1515 Dr. James J. Monks, Assistant Professor of Biology, and Dana Loyal, Centenary University
Skeletal Changes Present in 600 Year Old Burials in Transylvania
- 1515 – 1530 Closing Remarks

NOTE: 1100 – 1350 The Somerset County Dive/Rescue Team will present a demonstration of their operations and equipment in front of the Lackland Building

Centenary University has a 150 year tradition of providing high-quality liberal arts and professional studies, while helping students gain the skills and connections they need to prosper in today’s world. Located in the heart of northwest New Jersey’s historic Skylands Region, Centenary is a private, co-educational, and close-knit university community — an environment where every professor and staff member is invested in our students’ success. Centenary University is an inclusive and collaborative learning community dedicated to preparing its students to enter society as professional and global citizens by providing experiences that foster skills of critical thought and purposeful action. The Centenary experience is distinguished by a fundamental belief in the full potential of each student, a strong liberal arts foundation, career preparation, and a culture of service to the community and to the world.

New York Microscopical Society (NYMS) was founded in 1877. The purpose of NYMS is the promotion of all phases of microscopy, theoretical and practical, for professional reasons or for pleasure. The Society offers specialized courses in microscopy as well as a variety of monthly lectures throughout the year. For about six decades the meeting place of NYMS was located in the American Museum of Natural History located in New York City. In the 1990s, the Museum reclaimed our space for its own needs, and NYMS relocated to New Jersey. Today, the Society owns its own building in Clifton, N.J.



N.Y.M.S. SUPPLEMENT SECTION

March 2018

In This Section:

- ◇ Gravelle Lab part 2
- ◇ EAS call for papers
- ◇ McCrone call for papers
- ◇ Historical NYMS Bulletins for sale
- ◇ Directions to NYMS
- ◇ NYMS Sales Items
- ◇ Membership Application
- ◇ Gallery page(s)

Green Leopard Jadeite, Guatemala, Thin-section prepared slide
40x (P1481101): Polarized-light photomicrograph by Mel Pollinger

GRAVELLE, PHILIP O.
Consultant
Fellow of New York Microscopical
Society
Fellow of Royal Photographic
Society
Recipient of Barnard Medal from
London Photo. Soc. (1923)
Died January 4, 1955

Images & Text from NYMS' Gravelle
"Facilities 1946" photo collection. Part 2

NYMS Library Sampler

THE GRAVELLE LABORATORY

114 PROSPECT STREET
SOUTH ORANGE, NEW JERSEY

SPECIALIZING IN PHOTOGRAPHY THROUGH THE MICROSCOPE

And the Study of Problems Requiring the Use of Microscopes

Established in 1918 for the study of Microscopical Appearances and the production of high quality Photomicrographs. Equipped for the preparation of Technical and Industrial materials for examination and photography with various types of microscopes and suitable methods of illumination. Transmitted light, surface lighting, polarized light, dark field, Cardioid ultra-microscope, vertical illumination for metallurgical micrographs.

The Gravelle Laboratory. Under Contruction in 1932

11



THE GRAVELLE LABORATORY. Early Lantern Slide Projection.
Using large wall screen planned when laboratory was
built in 1932. Now discontinued due to lack of space.
Lantern now used across the room for tests, to beaded
screen on roller in case. 1944.

18



equipment on camera No.2 for metallurgical micrographs.
Here shown with microscope on stool for transmitted light
with projection bulb illumination instead of Zeiss arc.

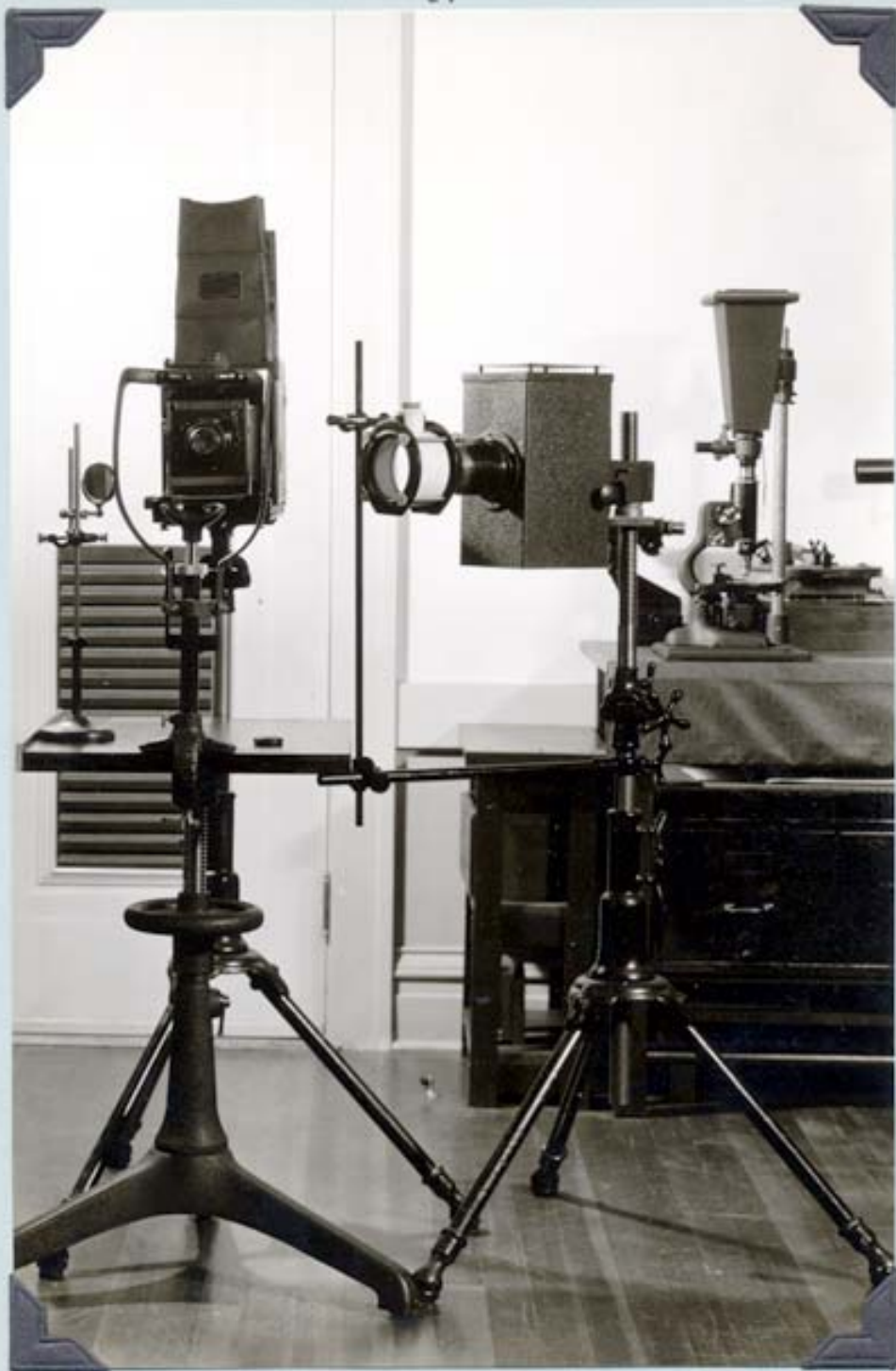
For vertical illumination the microscope is used with low
block support to bring a vertical illuminator in position
to receive a high intensity light beam from the arc lamp.
April 1946

25



THE GRAVELLE LABORATORY: Equipment used for dermatological and skin photographs, eye photographs etc. Zeiss head rest and elevating table. Graflex camera with long extension and Gravelle illuminator on rigid stands. Bausch and Lomb "K" photomicrographic camera on table. 1934.

29



Main Identity

From: "Eastern Analytical Symposium & Exposition" <newsletter@eas.org>
To: <pollingmel@optonline.net>
Sent: Thursday, March 01, 2018 9:51 AM
Subject: February Retort and Call for Papers Now Open

Submit an abstract at www.eas.org/asubmit



CALL FOR PAPERS is now OPEN!

Join us November 12-14, 2018
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 it's program uniquely strong. For more details and to submit: www.eas.org/asubmit

Introducing new submission deadlines for 2018!

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

**New for 2018 - Posters will be displayed electronically*

Submit Now

February Retort is now Available

Check out the preliminary list of **short courses**, **invited sessions**, **exhibitors** and other programs being planned for Nov.

[Download a 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

[Awardee Bios](#)



Eastern Analytical Symposium | 732-449-2280 | askeas@eas.org | www.EAS.org

STAY CONNECTED

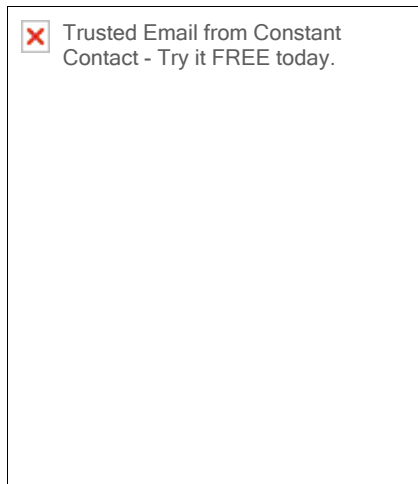


PO Box 185, Spring Lake, NJ 07762

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Main Identity

From: "McCrone Research Institute" <intermicro@mcri.org>
To: <pollingmel@optonline.net>
Sent: Thursday, March 01, 2018 12:28 PM
Subject: Inter/Micro 2018 Call for Papers, Awards Dinner, Workshop, Evening with Brian, and More

Presentations - Workshop - Awards Dinner

Inter/Micro 2018

**70th Annual International Microscopy Conference
 June 11 - 15, 2018 at McCrone Research Institute, Chicago**

Call for Papers: Speaker Presentations

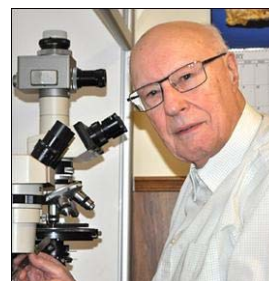
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The abstract submission deadline is **March 16, 2018**. [View abstract submission guidelines](#) and [register online](#).

SMSI Awards Dinner and Live Auction

June 13: Join Inter/Micro and the State Microscopical Society of Illinois (SMSI) as they honor Dr. Eric J. Chatfield with the 2018 August Köhler Award. Dr. Chatfield has developed a number of analytical methods for the determination of asbestos and continues to conduct research in the area of asbestos characterization. A live auction will precede dinner. [Learn more](#) and [register online](#).



Workshop: Wood Structure and Identification

June 14-15: Taught by Regis B. Miller, this two-day beginner's workshop will concentrate on the wood structure and identification of common hardwoods and softwoods. One full day will be devoted to softwoods and

the other day to hardwoods. Participants will learn to make thin sections of the radial and tangential surfaces for use with the light microscope. [Learn more](#) and [register online](#).

Evening with Brian: "The Robot and the Single Cell"

June 11: News reports of artificial intelligence (AI) and robots taking over the responsibilities of humans are common. Yet consider the living cell: although we never hear spokespeople who say so, its capacity surpasses anything that robotics can achieve. Professor Brian J. Ford will takes us through the contorted history of AI and compare it with what we know single cells can do. [Learn more](#) and [register online](#).

Exhibitor and Company Sponsorship Opportunities

Inter/Micro attracts influential scientists who look to exhibitors as sources of information on equipment, techniques, and supplies. Reserve an exhibitor booth or have your company sponsor one of several Inter/Micro 2018 events. [Learn more and register](#).

Book Your Hotel Today; Room Availability is Limited

Now is the time to reserve your hotel room for Inter/Micro 2018. Club Quarters in nearby downtown Chicago is the preferred hotel. [Learn more](#).

We look forward to seeing you in Chicago!

 [Like us on Facebook](#)



McCrone Research Institute

A Not-for-Profit Corporation

2820 South Michigan Avenue, Chicago, IL 60616-3230

Phone: 312-842-7100 Fax: 312-842-1078

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McCrone Research Institute, 2820 S. Michigan Avenue, Chicago, IL 60616

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Sent by intermicro@mcri.org in collaboration with

 [Constant Contact](#)

[Try it free today](#)

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

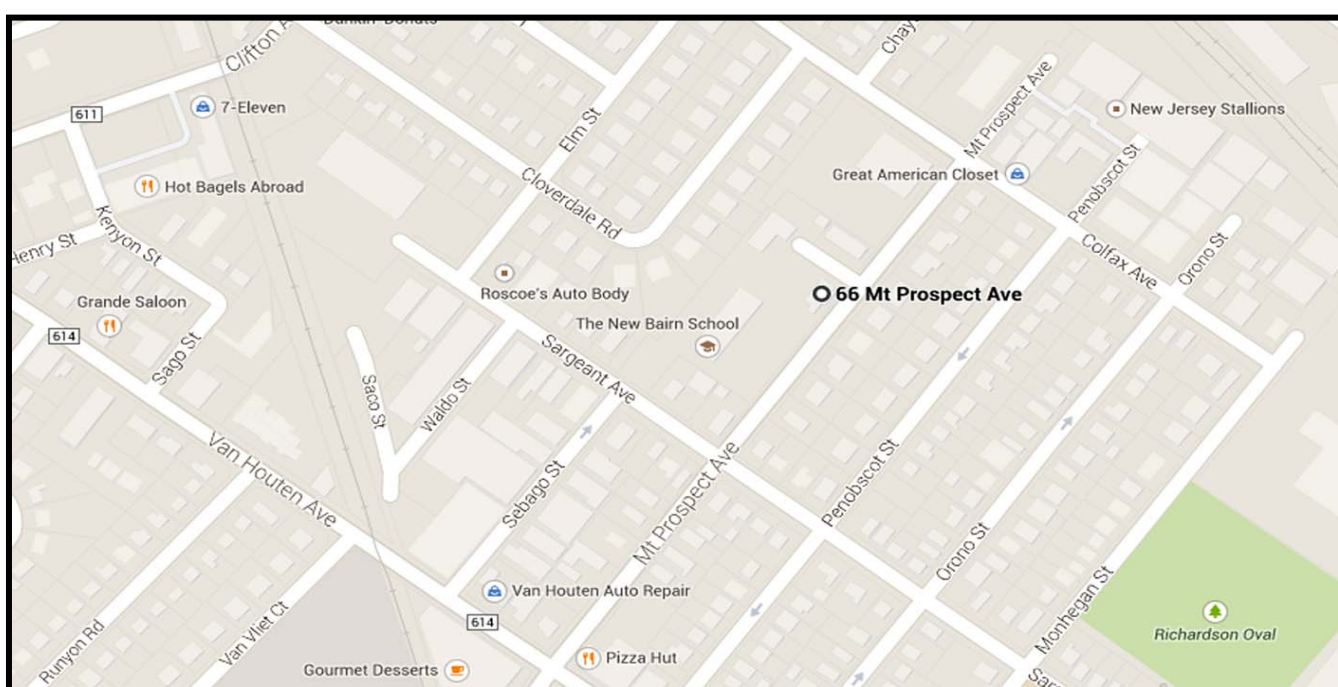
Vol. 2 New York, N. Y., April, 1944 No.1

THE HISTORY OF THE MICROSCOPE

By ROBERT HAGELSTEIN

Vol. 1 New York, N. Y., January, 1940 No.6

MOUNTING INSECTS BY THE PRESSURE METHOD, *By* Roy M. ALLEN



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 Houton) 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 Houton 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 Houton.

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=BusSchedulesP2PTo

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

Item #	Size	Member Price	List Price
MT-003	Small Microscope or Stereo, 15"W x 17"H	\$18.00	\$20.00
MT-004	Lab Microscope or Large Stereo, 20"W x 18"H	\$23.00	\$25.00
MT-005	Large Lab Scope, 22"W x 21"H	\$28.00	\$30.00
MT-009	Large Lab Scope with Camera, 9"W x 19"Deep x 23"H	\$31.00	\$33.00
MT-010	Universal Scope with Camera, 11"W x 25"Deep x 23"H	\$36.00	\$40.00
MT-012	X-large Scope	\$45.00	\$50.00

N.Y.M.S. Microscopes (see below for images)

185	Monocular Dissecting Microscope	\$85.00	\$99.00
131	H.S. Student Microscope	\$190.00	\$245.00
131-FLU	H.S. Student Microscope (Fluorescent)	\$200.00	\$255.00
125-LED	H.S. Student Microscope (LED)	\$240.00	\$309.00

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



Model 131: Tungsten

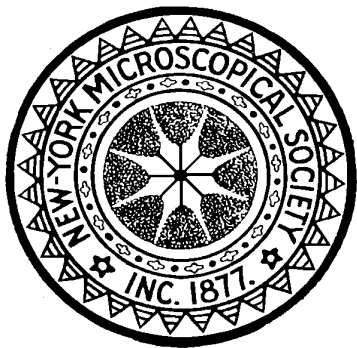
Model 131-FLU: Fluorescent



Model 185: 20x



Model 125-LED Cordless



New York Microscopical Society

Please send with payment directly to:

New York Microscopical Society
c/o Mel Pollinger, Treasurer
18-04 Hillery Street
Fair Lawn, NJ 07410-5207

Please Print

I hereby apply for membership in the New York Microscopical Society

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

Home Address:.....

Phone: (home or mobile).....Fax:Email:.....

Work Information: Company Name.....Work Address:.....

Work Phone:Email:.....

Would you prefer to receive NYMS mail at home? ☐ at work? ☐ by email (*best way*)? ☐

Principal work or interest in microscopy:.....

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

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

Academic and Honorary Degrees:

Degree	Conferring Institution	Date
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Scientific Publications.....

Membership in Scientific Societies.....

Date of birth (optional if over 18)

I have enclosed a check for \$..... to cover my application fees for membership.

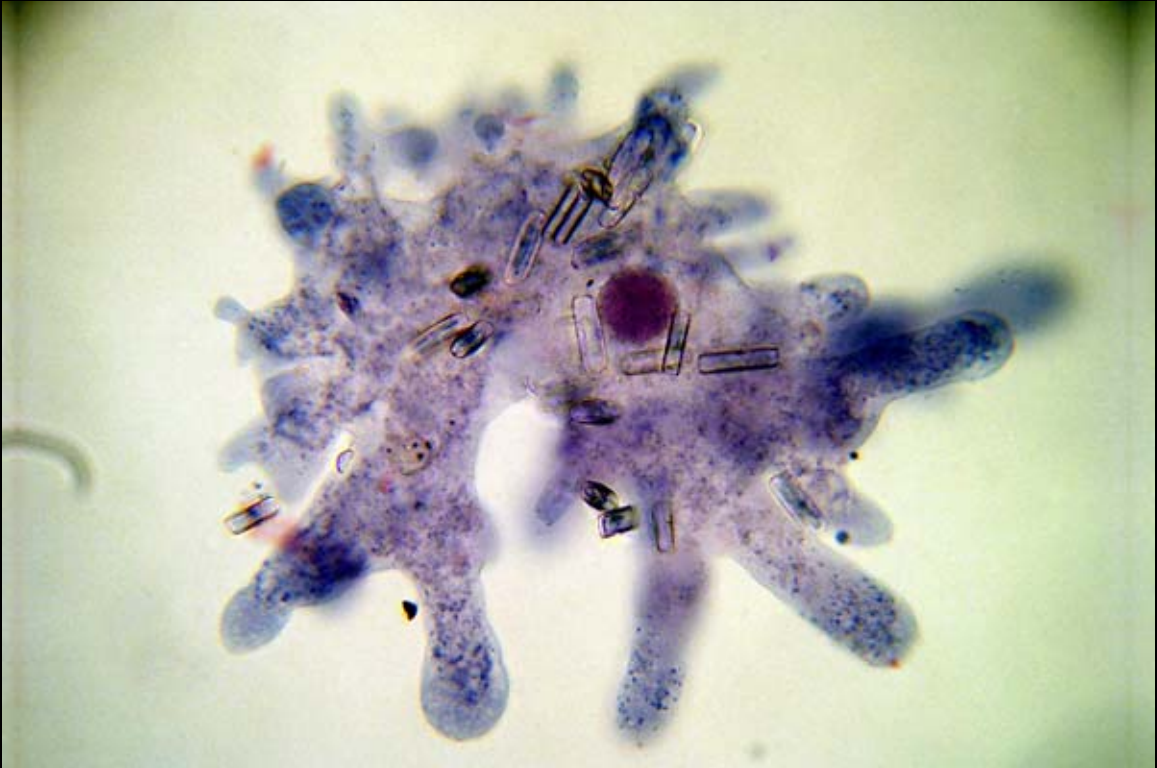
{Annual \$30, Supporting \$60, Life \$500 (payable within the year), Corporate \$175 (includes one advertisement in NYMS News), Junior \$5 (under 18 years old), Student (over 18) \$20.}

I understand portions of the above information may be used in NYMS publications.

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

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

NYMS Headquarters: One Prospect Village Plaza (66 Mount Prospect Avenue), Clifton, NJ 07013



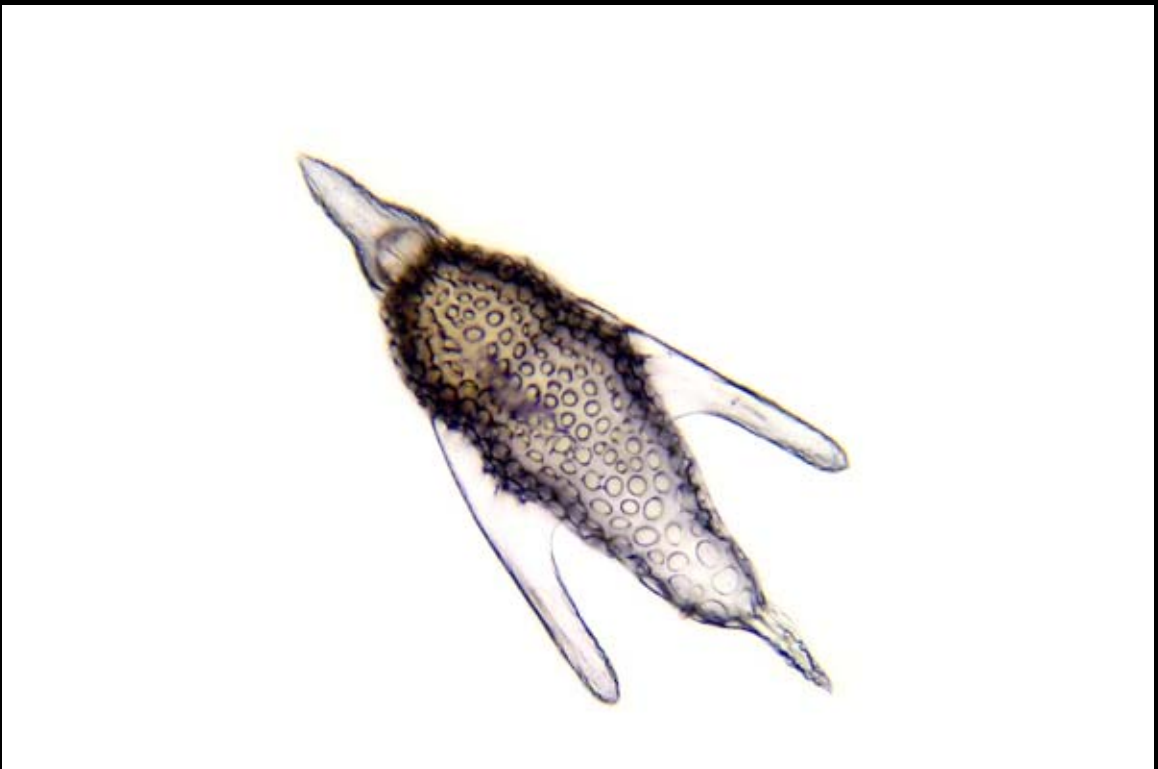
Amoeba Proteus, prepared slide, 6x4x100: Mel Pollinger



Amoeba Diffugia, living, Wayne, NJ, 100x (P8270053)a6x4x100: Mel Pollinger



Radiolaria, Prepared slide, stack of 24 images, dark field, 6x4x100: Mel Pollinger



Radiolaria, prepared slide, stack of 24 images, color inverted from dark field, 6x4x100: Mel Pollinger