



# Newsletter

Of the

## New York Microscopical Society

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



May 2008

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

Volume 2 Number 5

## Meeting Announcement

### New York Microscopical Society, 2008 Spring Lecture Series

#### **"Problem Solving with Photon Microscopy and Microchemistry"**

**Arthur Coates, Microtherm Technologies**

Wednesday, May 28th, 2008, 7:30 pm  
American Museum of Natural History, Linder Theater, New York, NY

This talk will focus on microchemical tests Arthur Coates has used as a consultant to resolve various client problems. Solving a production or process problem requires a logical sequence of deductions back to the source. Very few problems require complicated solutions, but they do require a wide and varied background. In general, the problems Coates has encountered are relatively easy microscopically, but have required significant thought prior to instrument time. The techniques that will be described are an accumulation of methods gleaned over a

period of several years. Because the microscope is a convenient and efficient tool, it is usually the instrument of choice for microchemical analyses.

The lecture is free and open to the public. Attendees should enter the Museum at the entrance on 77<sup>th</sup> street (between Central Park West and Columbus Ave).

**NYMS Members and their guests are welcome to join the speaker for dinner (\$25.00 all inclusive) at 5:45 pm at Rain (<http://www.rainrestaurant.com/>, 100 West 82nd St. at Columbus Ave., NYC, 212 501-0776). Please reserve your place(s) with Angela Klaus by noon May 28th. Angela can be contacted by email ([avklaus2@yahoo.com](mailto:avklaus2@yahoo.com)) or by phone (201-988-6251).**

#### **First day at the New York Microscopical Society Polarized Light Microscopy Course at Evergreens**



**[June 18 NYMS Water Bear Hunt at Mohonk Mountain House \(MMH\)](#)**  
**(See page 4 for additional information)**

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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  $\geq 18$  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.*



**Microscope Day Activities At John Jay  
Included Infra-Red Microscopy, Entomology,  
Photomicrography,  
Forensic Science, and more.  
Attendance was wall-to-wall.**



A special thanks to Jeff Glover of New Tripoli, PA for taking all the shots  
which were used in creating the above composite. Mel

## NYMS Water bear Hunt Mohonk June 18, 2008

**JUNE 16-20, 2008**

Mohonk Mountain House's **Summer Nature Week** gives birders, naturalists, botanists, and all lovers of the outdoors an opportunity to come together and explore Mohonk's wonderful diversity of plants, animals, and natural communities. There will be outdoor programs for all ages about every aspect of nature—from rocks, lichens, wildflowers, shrubs, and trees to butterflies, birds, reptiles, and mammals. What better way to celebrate the longest days of the year than to share your love of nature in this beautiful setting!

**Mohonk Mountain House** 1000 Mountain Rest Road

New Paltz, New York 12561 [www.mohonk.com](http://www.mohonk.com)

**800.772.6646 or visit [www.mohonk.com](http://www.mohonk.com)**

**WEDNESDAY, continued**

**3:00 p.m. Water Bear Hunt**



Jean Portell and Debra Hargiss of the New York Microscopical Society will lead us in using microscopes to see some of the tiniest creatures that live in this region. With luck, we may find water bears (tardigrades), microscopic eight-legged aquatic animals that can survive for years in a state of suspended animation.

**To access** the MMH's main building for any reason, including to attend the Water Bear Hunt in the Parlor, NYMS members (other than 8 of us who will run the workshop) must pay for lunch. Members who reserve in advance \*as a group\* to eat together at MMH can pay the group rate of \$49.50 per adult and \$25 per child ages 4 to 12. Children under 4 eat for free. Only groups have the option to pay in the dining room instead of when reserving. One bill is preferred, but if our group is fewer than 15 people she'll allow us to pay individually. Members who wish to lunch apart from the NYMS group must do like any regular guest: phone to reserve a lunch table, and pay in advance the regular lunch price of \$58.25/adult, \$31.50/child.

**Note:** all Mohonk's lunch prices include taxes, gratuity, access to MMH's public rooms, parking near the main building, and the day-fee to access MMH's extensive grounds.

**Members** who want to access the MMH grounds only enter also at the MMH's Gate House. They park there (2.2 miles from MMH) and pay MMH's midweek Day Hiking Fee of \$17/adult, \$12/child. Access to MMH's main building is not included, however people with day passes can use the Picnic Lodge, which has restrooms and sells soft drinks and snack foods. It is not closeby MMH.

**Members** who prefer the most economical way to visit this area can choose to enter the separately owned and run Mohonk Preserve, whose center (with restrooms, etc.) is about 5 miles from the MMH Gate House. Mohonk Preserve's Day Fee is \$9/adult. The Preserve's huge acreage includes 4 Hiking Trail Heads, none near MMH. The Preserve has reciprocity with the Mountain House, so it's possible, but not convenient, for Mohonk Preserve hikers, carrying Mohonk Preserve day passes or membership cards, to enter the MMH grounds (only), including the Picnic Lodge.

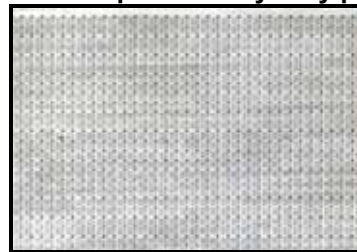
### NYMSContacts:

[Nyms.org](http://Nyms.org) for additional information

Contact **Guy DeBaere** for car pooling: (347) 668-4798 or [guydbaere@aol.com](mailto:guydbaere@aol.com). Contact **Deb Hargiss** for lunch group discount rate before June 11 at (908) 272-2362, or [deb.hargiss@gmail.com](mailto:deb.hargiss@gmail.com).

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### Answer to April 2008 Mystery photo

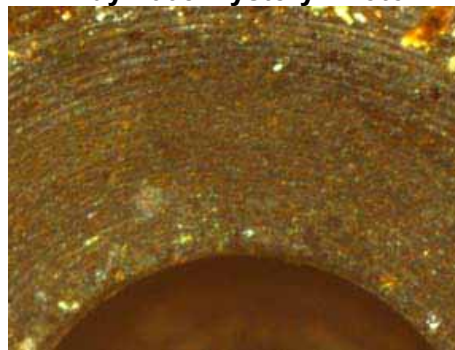


Single page from a Mort Abramowitz microphotograph of a Micro-Fiche of the entire Holy Bible. Magnified 300x

**CHAPTER 15**  
*God would not Listen*  
**THEN** said the LORD unto me,  
*Though Mō'ses and Sām'u-el*

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### May 2008 Mystery Photo



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

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](mailto:pollingmel@verizon.net)

or  
Mel Pollinger, Editor  
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Fair Lawn, NJ 07410

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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.