



Newsletter

Of the

New York Microscopical Society

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



Summer 2007

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Picnic Announcement and 2007 Summer Swap-Sale at Evergreens

The New York Microscopical Society cordially invites its members, spouses and guests to partake of good food and drink and exciting microscope-related events.

**Sunday, August 26th, 2007, from 11:00 am
Throughout the day.**

NYMS is opening its doors to sell its surplus microscopes and related equipment.

Members may bring anything related to microscopy for sale to or swap with other members and/or

guests. Tables for members will be set up in the basement classroom. Equipment being offered for sale can be viewed in the storage rooms.

The Society has not had such an event for years. Many fine scopes and other pieces of equipment have been reserved just for this purpose.

Food and beverages will be provided free to members and their spouses. The fee for non-member guests is \$30.00, which will also include automatic membership for one year in the Society.

If you are planning to join in on the fun at this event, please call or email Mel Pollinger with the number in your party who are going to attend. We need your responses by August 15, 2007 to plan the food and table space.

Your message must include your full name, phone or email address and the number in your party. Space is limited, so contact Mel as soon as possible.

**Phone 201-791-9826 or email Mel at
pollingmel@verizon.net**

NYMS "Use of The Microscope" Course in the Fall



Have You Sent in Your Dues for 2006-2007?

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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.

Dues and Addresses

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

Annual \$30
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.

59th Annual Inter/Micro 2007 Conference Millenium Knickerbocker Hotel Chicago, Illinois

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 and 3electron microscopy. This symposium is held each year in Chicago and continues to be sponsored and hosted by McCrone Research Institute. **Contact:** Lauren Newbrough, McCrone Research Institute Ph: 312-842-7100, Fx: 312-842-1078, internmicro@mcri.org



An Additional Note From Jan Hinsch on the passing of a great microscopist, teacher and optical science innovator.



There is one more professional honor that was bestowed on Mort Abramowitz . In 1996 Mort was the recipient of the State Microscopical Society of Illinois "SMSI Annual Award for Excellence in Microscopy."

Top picture is of Mort and his Wife taken during InterMicro 96, where Mort was honored during the banquet.



Bottom picture is of Mort in Woods Hole.

MICRO ENGINE

A miniscule steam engine, small enough to fit into a dot like the one that ends this sentence, has been invented by Dr. Jeff Sniegowski at Sandia National Laboratories, Albuquerque, N.M. According to an article by

Malcolm W. Browne in the October 5 1993 New York Times, it was built with the same technology that is used



to make microelectronic chips and in the future it may assist microsurgery and other jobs that require millionth-of-an-inch precision. The minute engine, which uses a steam-driven piston that is retracted by a spring, is said to be 100 times as powerful as microscopic

electric motors of the same size. It would be interesting to know what kind of microscopy was involved in creating the prototype of this ultra-modern steam engine. (The above is an example of a gear mechanism that can fit into an area the size of a newsletter period.)

From an October 1993 New York Times Article sent in by Fred Smokay

Ramapo Lake – An Ongoing Adventure With lots of surprises by Mel Pollinger

Ramapo Lake can be overwhelming. The plants and ponds, the bogs and swamps, the seasonal macro and microcosms of life each abound in their sheer quantity and natural beauty. My aim has been to enjoy as much as I can see or hear while moving along the road, stopping only to study the much-varied aspects of the lake and its environs.

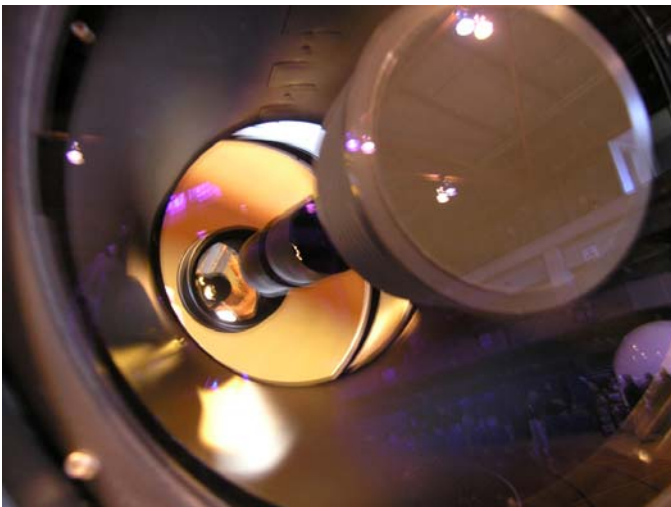
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Ramapo – Continued from previous page

I have to admit, to spite my claim of such aim, never having passed up an opportunity to get down into the dirt in order to capture images of the flowers, mushrooms, snakes and insect life that abundantly inhabit this place. Taking the lake in small doses during the year helps me to avoid being overwhelmed. The focusing-in on specific plants or water caches can be rewarded with some very interesting images and specimens. Allowing for at least two or three hours at the lake seems to be best. Images taken first, then specimen collecting just before the hike down to the parking lot, the car and then, finally home. At this point, the jars are usually full, crustacea zipping around and tiny whitish specks moving and changing direction as if hunting for even tinier whitish specks.



One of the local residents of the area.



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

May 2007 Mystery photo



Tapeworm scolex – Winner is Dr. Ben Glassman

The tapeworms of man can have cup-like suckers around the head and spines, or hooks in the anterior region such as seen in the image above. A person with such an infection may not improve as long as the portion of the worm with the hooks remains attached to the wall of the intestine. In this photograph, the anterior portion of the worm has lost some of its stain to age. The hooks, however, still appear menacing.

Reference: Clinical Parasitology by Craig and Faust, eighth edition, 1976, page 502. Image by Mel Pollinger from a prepared microscope slide from the collection of the late Dr. Julius Weber.

Some of the Weber pathological and anatomical prepared slides from the collection are available for sale directly from me. Call or email if interested. Mel

Got something you want published in the Newsletter?

- Technical article
- Images
- For sale
- Wanted to buy
- Any microscopy-related item

Write, call or send an email message to:

201-791-9826 or

pollingmel@verizon.net

or

Mel Pollinger

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Fair Lawn, NJ 07410

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

1. **Regular mail, gray scale images: Do nothing. Color may continue.**
2. **Email with full color images, pdf file: Needs your active email address.**