

# Nittany Mineralogical Society Bulletin

Nittany Mineralogical Society, Inc.  
P.O. Box 10664

State College PA 16805

Editor (see page 4):

David C. Glick

May, 2013

Visit our web site: [www.nittanymineral.org](http://www.nittanymineral.org)

May 15th meeting:

## Minerals Behind the Scenes at the Academy of Natural Sciences of Drexel University

by  
David Glick

*Our May meeting will be held Wednesday the 15th in the room 114 auditorium of Earth & Engineering Sciences Building on the west side of the Penn State campus in State College, PA. Maps are available through our web site.*

*6:30 to 7:30 p.m.: Social hour, refreshments in the lobby*

*7:30 to 8:00 p.m.: announcements, questions, answers;  
door prize drawings*

*about 8:00 p.m.: featured program*

*The event has free admission, free parking, and free refreshments, and is open to all; **parents/guardians must provide supervision of minors.** Bring your friends and share an interesting evening.*



Azurites from Bisbee, Arizona, at the Academy of Natural Sciences.  
*D. Glick photo.*

Five NMS members enjoyed a behind-the-scenes tour of the mineral collections at the Academy of Natural Sciences of Drexel University (previously the Philadelphia Academy of Natural Sciences) on Thursday, January 31. The required weekday schedule and threatening weather reduced the attendance, so this month's program will present a photographic review of our visit for those who were not able to attend. To fill out the program, we'll include photos from visits to Carnegie Museum of Natural History and others.

Nittany Mineralogical Society is very grateful to Dr. Ted Daeschler for hosting our visit and the tour. More photos and a short article were presented in the February issue of this Bulletin. ❄

### ATTENDING THE MAY MEETING?

Donations of labeled **door prize specimens** are invited.

Your donated snacks and drinks will be welcomed.

Bring a friend!

## Juniors, Families, Everyone: Iron Minerals at Spring Creek Day June 1

by Bob Altamura

Continuing a series of appearances by NMS, this year members Bob Altamura and Gareth Mitchell will be joined by Paul Fagley, Cultural Educator at Greenwood Furnace State Park, to present an educational exhibit on "Iron Ore Minerals and Iron & Steel Making" at the 30th Annual Spring Creek Family Festival. They will discuss and show samples of a wide variety of iron ores such as hematite, limonite, goethite, siderite, pyrite, magnetite, and franklinite. Specimens of iron ore minerals from Scotia (limonite and goethite) and Greenwood Furnace (hematite) will be offered as souvenirs. Historical blast furnaces from both Pennsylvania and Connecticut will be discussed, with diagrams and historical photographs. A cast iron ingot ("pig") from Greenwood Furnace will be shown. A more complete description is on our web site.

At this outdoor event, various organizations from the community operate educational and informative stations concerning our natural environment. The location is Millbrook Marsh Nature Center, 548 Puddintown Road, on the east side of State College. The Festival will be open from 10:00 a.m. to 2:00 p.m., rain or shine; admission and parking are free, and there will be local foods, live music, and a 5K road race and children's fun run. More information can be found at [www.clearwaterconservancy.org/springcreekday.htm](http://www.clearwaterconservancy.org/springcreekday.htm).

## President's Note for Summer

from David Glick

NMS has no meetings or Bulletins in June or July; our next meeting is planned for Wednesday, August 21. The Bulletin will also return in August; we have some good articles in progress, and your articles and photographs are invited (by the first Wednesday of the month; see p. 4).

If we are able to schedule any field trips, they will be announced as always through the field trip e-mail list (contact is Field Trip Chair Ed Echler; see p. 4).

Our display of Secondary Minerals and Volcanic Rocks can be seen through the summer at Penn State's Earth & Mineral Sciences Museum [www.ems.psu.edu/outreach/museum](http://www.ems.psu.edu/outreach/museum). NMS members also assisted in setting up the display of fluorescent minerals in the same room.

We are very grateful to all our volunteers, including meeting speakers and outreach activity volunteers. In the photo by John Passaneau, Bill Kochanov (center) discusses details of some specimens after his presentation on tosudite at our April meeting.



## NEWS FROM THE FEDERATIONS

Nittany Mineralogical Society, Inc., is a member of EFMLS, the Eastern Federation of Mineralogical and Lapidary Societies, and therefore an affiliate of AFMS, the American Federation of Mineralogical Societies. We present brief summaries here in order to encourage readers to see the entire newsletters.

The **EFMLS Newsletter** is available through the link on our web site [www.nittanymineral.org](http://www.nittanymineral.org), or remind Dave Glick to bring a printed copy to a meeting for you to see. The May issue starts with President Cheryl Neary’s overview of the EFMLS Convention on Long Island (May 31 - June 3), which is reprinted on page 3 of this Bulletin. Cheryl also recommends that we “stop and smell the roses” by attending the enjoyable and rewarding workshops at Wildacres. Steve Weinberger also writes about Wildacres; the September 2-8 session will feature Quintin and Willow Wight as Speakers-in-Residence. Ellery Borow’s safety article takes a positive note, thinking what a great day a “boring” field trip with no untoward events would be. ALAA’s article on collecting meteorites on public lands is presented.

The **AFMS Newsletter** is available by the same methods. The May issue’s front page includes updates on the Endowment Fund drawing, with photos of two impressive new prizes, and more to come next month. Tickets are \$5 or 5 for \$20. The Junior Activities article encourages us to take full advantage of resources for kids. President Don Monroe encourages us to make long-term plans for our collections and equipment ‘treasures’ - “don’t dump this problem on your children or surviving relatives.” Owen Martin notes that spring cleaning can pose its own safety hazards. Club Rockhounds of the Year and future Federation Convention dates are presented.

Please see the web sites for the complete Newsletters. There’s a lot there!  
- Editor

## Geo-Sudoku

by David Glick

This puzzle contains the letters ABEGKRSTU, and one row or column spells the name for an investment toward a prospector’s findings. Each block of 9 squares, each row, and each column must contain each of the nine letters exactly once. The solution is on page 4.

	G			B	E	K	T	
	B							G
K								S
	T	R	G	A	B	E		
		K	T			G		B
				U	K		S	
A	S	B						R
G	R				T		K	
E					R			

## Last chance to get many Pennsylvania Survey printed publications

Good day,

Sales of all PA Geological Survey publications, except for SP 1, *The Geology of Pennsylvania*, ceased at the end of April. With a few exceptions, all publications of the Fourth Geological Survey, including those that have long been out of print, have been scanned and are available for download from our website at <http://www.dcnr.state.pa.us/topogeo/publications/pgspub/index.htm>

Before we recycle the remaining stock of printed publications, we will offer them free to the public during the **week of May 20, 2013**. If you are interested in acquiring any of these publications you can visit our office during the week. Also included in this give away will be a random selection of publications (ours, USGS, and others) that have accumulated throughout the building especially in our library. Most of these are used publications, many of which have been returned to us from other libraries.

Be aware that we have no list of what publications are available but the selection of our sales publications includes a few Atlases and Progress Reports plus a wider selection of Water and Mineral Resource reports. Also available are significant quantities of two (1:500,000) poster-sized maps - Map 65 the digital shaded-relief map and Map 67, the geologic shaded-relief map. The PA Geological Survey will continue to give away most of its free publications such as the educational series and various page-sized maps. For that reason, those publications will not be a part of this giveaway.

The giveaway will be conducted out of the core library in the basement of our building in Middletown. Directions to our office can be found at

<http://www.dcnr.state.pa.us/topogeo/about/index.aspx#mdt>

Reservations are not required; however, to make sure we have staff adequate to assist everyone; we would appreciate it if you would contact Jody Smale, our librarian, (717-702-2020, [jsmale@pa.gov](mailto:jsmale@pa.gov)) and let her know generally when you expect to stop in. All scavenging and hauling must be done in person, during that week. We will not package, ship, or store publications for you.

We are conducting this event to give our fans one last opportunity to obtain our classic publications in their original form. This event is not for book dealers or anyone else who hopes to make a buck at the expense of the taxpayers of Pennsylvania.

From

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## We're Off to See the Wizard!

by Cheryl Neary

We're off to see the wizard - the wonderful wizard of all----  
Oh! I mean off to see the convention ---- a wonderful  
convention to be!

The **Eastern Federation Convention** will be held on Long Island, New York, with the first planned event a lighthouse tour on Friday, May 31st in the afternoon, followed by a Cracker Barrel session, and the Annual Meeting at 7:30 pm. Events are planned till Monday, June 3, 2013.

Information is now on the web site! Packets will have been mailed to you by the time you read this!

This is the first EFMLS Convention to be held on the island! Both the Island Rockhounds and the Suffolk Gem & Mineral Club will be co-hosting this wonderful event. We have also been extremely lucky to have the Long Island Mineral and Geology Society, the Nassau Mineral Club and the New York Mineral Club to help pitch in!

The theme for the show is Long Island Lighthouse and Geology! We have seminars planned by local guest speakers – an opportunity for you to learn about our unique geology. In addition, the show has demonstrations planned, showcases to view and activities for the youngsters of all ages!

The Cracker Barrel session is a great time for people to network and learn what is working for other clubs.

There is certainly plenty to do on this island! This weekend I visited the local winery in the town of Sayville- Loughlin's. There are the east end wineries as well. There are numerous museums, nature preserves and of course shopping! Plan on spending several days and exploring the city that never sleeps- New York City- a stones throw away or a hop, skip and a jump!

Please contact me if you have any questions about the EFMLS event or suggestions for places to visit. I can be contacted at either <ciervo.neary@gmail.com> or via my cell at 516.449.5341.

I personally am looking forward to meeting you all!

**EFMLS CONVENTION:** Download this discount flyer from  
<http://www.suffolkgem.com/-shows--up-coming-events.html>



*For the First Time on Long Island . . .* The Eastern Federation of  
Mineralogical and Lapidary Societies Weekend Event

**2013 Theme: "Long Island Lighthouses and Related Geology!"**

# GEM, MINERAL, FOSSIL, JEWELRY & BEAD SUPER SHOW HOSTED BY

THE ISLAND ROCKHOUNDS and THE SUFFOLK GEM & MINERAL CLUB

**The Sheraton Long Island**

110 Vanderbilt Motor Parkway, Hauppauge, NY 11788

◆ ◆ ◆ June 1<sup>st</sup> - 2<sup>nd</sup>, 2013 Saturday and Sunday 10 am – 5 pm ◆ ◆ ◆

**VENDORS ~ EXHIBITS ~ LECTURES ~ AUCTION ~ RAFFLES  
~ GEODE CRACKING ~ DEMONSTRATIONS CHILDREN'S ACTIVITIES  
~ DAILY GRAND PRIZE ~ FIELD TRIP FRIDAY MAY 31, 2013\***

\*For more info go to [www.suffolkgem.com](http://www.suffolkgem.com) or [www.islandrockhounds.org](http://www.islandrockhounds.org)

Bring this card for **\$1 OFF** Regular Adult Admission Prices  
Regular Prices: One Day Pass \$5.00; Two Day Pass \$8.00

**Rockhounding Pennsylvania and New Jersey**

Geologist Robert Beard's book, Rockhounding Pennsylvania and New Jersey, published by Falcon Guides, is now available through retailers. It includes both collecting sites and sightseeing-only (no collecting) sites. See <http://www.falcon.com/books/rockhounding-pennsylvania-and-new-jersey>

**Some Upcoming Shows and Meetings**

Our web site <http://www.nittanymineral.org> has links to more complete lists and details on mineral shows and meetings around the country.

**May 18-19, 2013:** World of Gems and Minerals - Jewelry, Bead, Mineral and Fossil Show, by Berks Mineralogical Society. Leesport Farmer's Market, Route 61, Leesport, PA. <http://www.berksmineralsociety.org/>

**June 1, 2013:** Spring Mineralfest by Pennsylvania Earth Sciences Association. Macungie Mem. Park, Macungie, PA. Saturday only 8:30 - 3:00. [www.mineralfest.com](http://www.mineralfest.com)

**June 1-2, 2013, Eastern Federation** of Mineralogical & Lapidary Societies Convention, and Suffolk Gem and Mineral Club Ann. Show, Smithtown, New York. EFMLS Meeting May 31. See page 7.

**July 20-21, 2013,** Gem & Mineral Show by Gem City Rock and Mineral Society. JNC Ice Arena, 423 West 8<sup>th</sup> St, Erie, PA <http://www.gemcityrockclub.org/show.htm>

**Sept 14-15, 2013:** CPRMC Show, Harrisburg <http://www.rockandmineral.org/annualshow.htm>

**Sept. 18-22, 2013:** American Federation and Southeast Federation Conventions and Jacksonville Gem & Mineral Society 25<sup>th</sup> Annual Gem & Mineral Show & Sale, Jacksonville, Florida.

**Sept. 28-29, 2013:** Franklin-Sterling Hill Mineral, Gem, and Jewelry Show by Franklin-Ogdensburg Mineralogical Society and the Franklin Mineral Museum. Franklin Borough School, 50 Washington Avenue, Franklin NJ.

**Oct. 5, 2013:** Autumn Mineralfest, by Penna. Earth Sciences Ass'n. Macungie Memorial Park, Poplar St., Macungie, PA.

**Oct. 26, 2013:** South Penn Fall Rock Swap, by Central PA & Franklin County R&M Clubs; South Mountain Fairgrounds, 1.5 miles West of Arendtsville, PA on Rte. 234.

**Oct. 26, 2013:** Ultravioletation All-Fluorescent Mineral show, by Rocks and Mineral Club of Lower Bucks County. First United Methodist Church, 840 Trenton Rd, Fairless Hills PA.

**Nov. 2-3, 2013:** Gemarama, Exton, PA .

**Geo-Sudoku Solution**

R	G	S	U	B	E	K	T	A
T	B	E	S	K	A	U	R	G
K	U	A	R	T	G	B	E	S
S	T	R	G	A	B	E	U	K
U	E	K	T	R	S	G	A	B
B	A	G	E	U	K	R	S	T
A	S	B	K	E	U	T	G	R
G	R	U	B	S	T	A	K	E
E	K	T	A	G	R	S	B	U

**INVITE A FRIEND TO JOIN THE SOCIETY**

The Nittany Mineralogical Society prides itself on having among the finest line-up of speakers of any earth sciences club in the nation. Everyone is welcome at our meetings. If you'd like to be part of our Society, dues are \$20 (regular member), \$7 (student rate), \$15 (seniors), \$30 (family of two or more members, names listed). Those joining in March or later may request prorated dues. Your dues are used for programs and speakers, refreshments, educational activities, Bulletins, and mailing expenses. Please fill out a membership form (available at [www.nittanymineral.org](http://www.nittanymineral.org)), make checks payable to "Nittany Mineralogical Society, Inc." and send them to

Nittany Mineralogical Society, Inc.  
P.O. Box 10664  
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or bring your dues to the next meeting.  
We want to welcome you!

**SOCIETY OFFICERS**

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Membership Chair: David Glick (see above)  
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Door Prizes: *volunteer needed!*  
Facebook: Mike Zelazny e-mail: [maz166@psu.edu](mailto:maz166@psu.edu)

The **Bulletin Editor** will welcome your submissions of articles, photos, drawings, cartoons, etc., on minerals, fossils, collecting, lapidary, and club activity topics of interest to the members. Please contact:

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Newsletter submissions are appreciated by the first Wednesday of the month. If you include photographs or graphics, please do not embed them in word processor files; send them as separate graphics files (TIF, or good to highest quality JPEG files, about 1050 pixels wide, are preferred). Please provide captions and name of photographer or artist.

Visit us at [www.nittanymineral.org](http://www.nittanymineral.org)