

UPCOMING SHOWS

2016

May 14-15
10am -5pm

Celinka Show
Our Lady of Mount Carmel
Patchogue
THIS WEEKEND!!!!

July 30-31
10am- 5pm

Long Island Mineral & Geology Society
Cutchogue East Elementary School
Cutchogue

For other Gem and Mineral shows: <http://www.amfed.org/EFMLS/calendar.htm>

www.suffolkgem.com

P. O. Box 302
Bohemia, L.I., NY
11716



To promote cultural, educational, and scientific interest in mineralogy, and develop member's skills in lapidary arts and jewelry crafts

May 2016

THE CONGLOMERATE

The Monthly Newsletter of the Suffolk Gem & Mineral Club, Inc.

Monthly Club meetings held at the Bay Shore-Brightwaters Library, Montauk Highway, Brightwaters starting at 8:00pm.

Refreshments served at 7:30 pm.

OFFICERS

*The Conglomerate Editor - Cheryl Neary
Club Webmaster - Kerry Dicker*

President – Cheryl Neary	516.449.5341 cell	Director - Elaine Casani	631-567-3342
Vice President – Kerry Dicker	631-277-0994	Director – Lucy Jackson	631- 289-2328
Treasurer - Roberta Besso	631-666-8023		
Asst. treasure Joe LaBarca	631-242-5290	Director – John King	631-775-7035
Secretary – Rebecca LaBarca	516-768-4438	Director –Debbie Winston	516-238-8370
Liaison – Cheryl Neary	516.449.5341 cell	Director& Historian –Kerry Ann Hilliard	631-277-0994

Cell phones are to be turned off during all Club meetings.

More importantly, there should be no disturbances during any guest presentations.



Happy Birthday
Wishes!
May Your Year Be
Filled
with Hugs & Kisses!

May Birthdays!

Ron Casani

Thomas Keeley

Kandy Miller

Cheryl Neary

New Date for Picnic:

Saturday, July 23rd

Rain date:

Sunday, July 24th

Please sign-up and pay for the **Springfield** trip this month!
Date: Saturday, August 13th
Cost: \$ 38.00 for all. Members in good standing will be refunded \$18.00 on the bus. No shows for bus do not receive a refund.

July15-17: Herkimer Festival Trip (car pool)

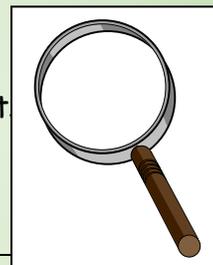
Michigan trip has been cancelled for this year, due to the number of original attendees having to cancel due to various reasons.

UPCOMING MEETINGS & EVENTS: -

2016

May 16th - Gem Trees
with Carol Pesek

June 20 - Annual Bragging Right



For this month's activity- Mine Gem Trees

Please bring your long nose pliers and wire cutters and a rock or shell or piece of coral to use as a base.

The base should be no larger than 2"

The club will have extra bases in case you do not have one!

There is no charge for members. Guest and additional kits will be at \$1.00

Hope to see you all on Monday as Carol demonstrates and teaches us gem tree making.

Note: Carol participated in this class at Wildacres last year and has been making trees since!

Let the Adventures Begin!

You are invited to attend the special meeting of the New York Mineralogical Club:

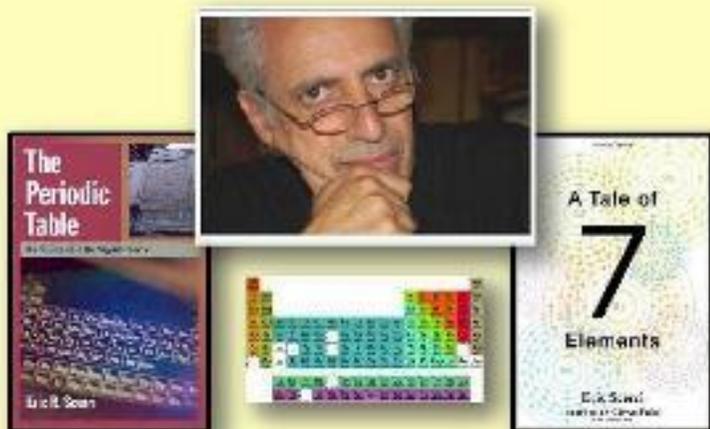
NYMC Meeting Lecture

The Periodic Table

Its Story and Its Significance

Dr. Eric Scerri

Author, Chemist, Professor, Philosopher



Tuesday Evening, July 5, 2016
Holiday Inn Midtown – 6:30 p.m.

Eric R. Scerri is a chemist, writer and philosopher of science. He is a lecturer at the University of California, Los Angeles; and the founder and editor-in-chief of Foundations of Chemistry, an international peer-reviewed journal covering the history and philosophy of chemistry, and chemical education.

He is a world authority on the history and philosophy of the periodic table and is the author and editor of several books in this and related fields.

Dr. Scerri was a participant in the 2014 PBS documentary film, The Mystery of Matter.

Dr. Scerri received his BSc from Westfield College (University of London), his Certificate in Postgraduate Study from the University of Cambridge, his MPhil from the University of Southampton, and his PhD from King's College London.



Outside The Box

Last month's meeting was a lecture by Chris Visco on NYS rocks.

I am sorry that I was unable to attend however I was on a business trip!

I hope everyone enjoyed his lecture!

I have provided on following pages a copy of NYS geology and rock types

What is a Member in Good Standing?

One that:

- Attends (4) Meetings
- Contributes Time to Club Show or the

Celinka Show-at the Club Table

(If you are unable to attend the show, there is other show activities you can volunteer for- please see Elaine or Cheryl!)

- Participates in Club Fundraisers
- Remember-this is your club!

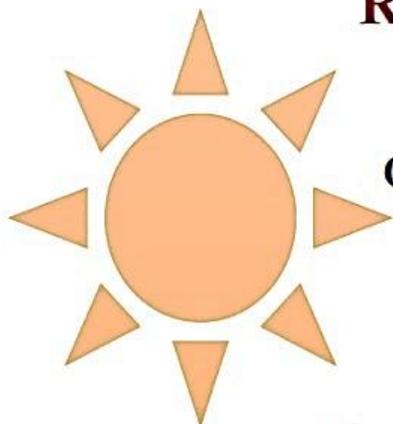
This club needs you to participate, in order for the club to grow-

If you have any suggestions for a program, please speak to one of the Board members listed above. If you have an idea for a field trip, please speak to a Board member as well!

Ask what else you can do!

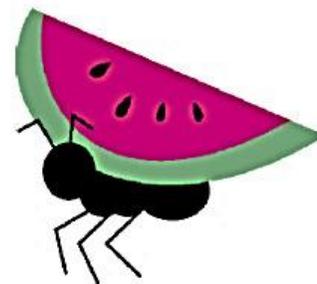
The Southern Maryland Rock & Mineral Club is proud to sponsor the 2016
Eastern Federation of Mineralogy and Lapidary Societies (EFMLS)

Region IV Potluck Picnic and Rock Swap/Sale



Gilbert Run Recreational Park
Charlotte Hall, MD

Saturday, June 18, 2016
9 am - 5 pm



Admission to the Park is \$5 per carload
(No charge for swapping or selling)

*"This is an old-fashioned rock swap where people who collect rocks,
minerals and fossils will be selling and trading specimens"*

Schedule of Events: Address:

9:00 - 12:00 Swap and sell Gilbert Run Recreational Park
12:00 - 1:30 Potluck Lunch and Auction 13140 Charles Street
1:30 - 5:00 Swap and sell Charlotte Hall, MD, 20622

Details:

This is a free event for all EFMLS rock club members and their families and friends. In addition to minerals, fossils and lapidary for swap/sale each attendee/family is asked to bring a potluck dish to share, and one labeled specimen donation for an auction that will take place after lunch.

The auction will help defray the cost of the event. There is ample parking for tailgate swapping/selling. Please bring your own tables and chairs. There are onsite restrooms and handicap access. Donations of excess rocks and related tools to the "Treasure Box" are welcomed and are free for anyone to take. The Southern Maryland Rock and Mineral Club will provide plates, cups, plastic ware, sodas, and bottled water.

Contact Person: Dave Lines (240)-427-7062

Dave.Lines@earthlink.net

Directions:

From the D.C. Beltway:

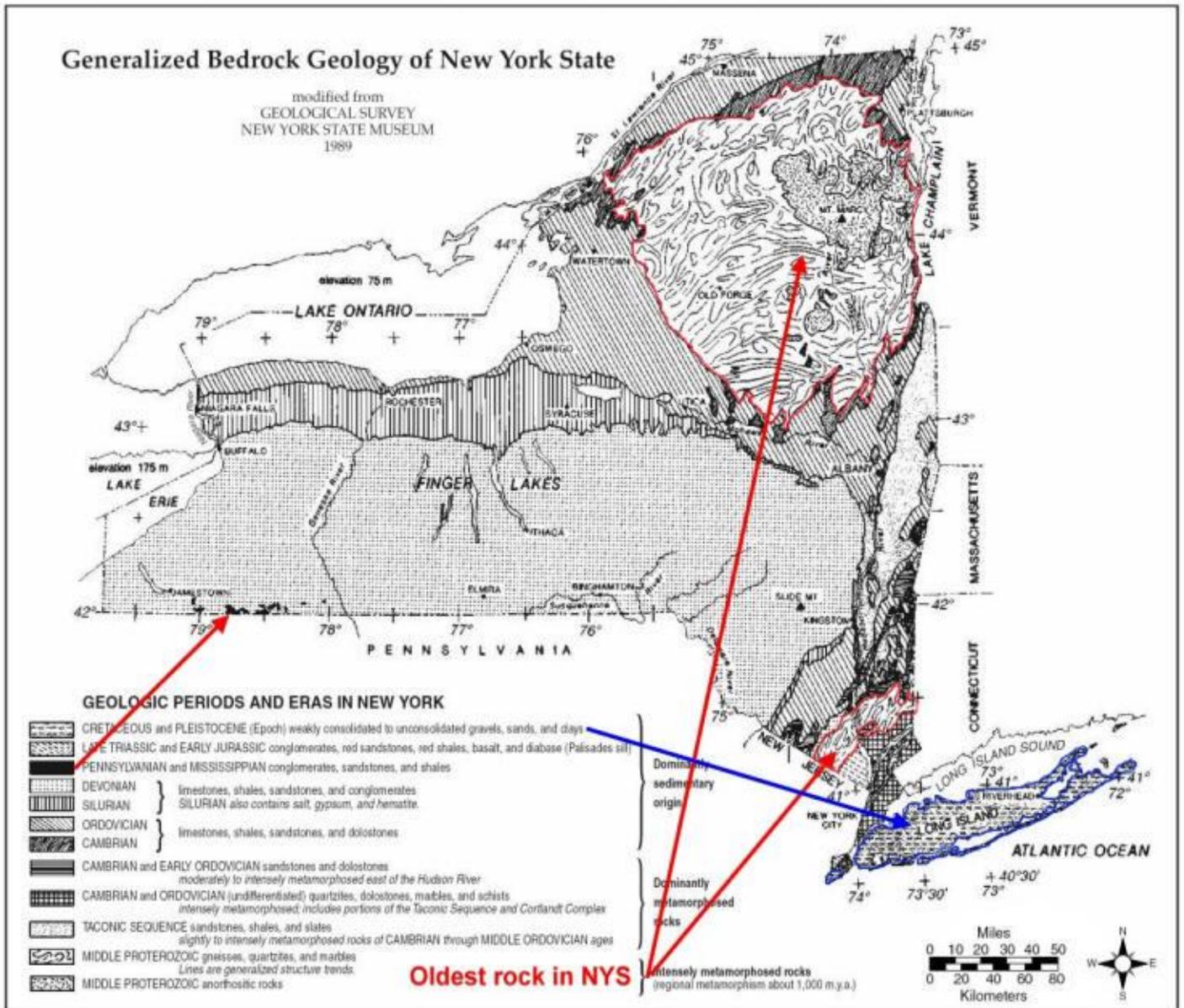
Take Rt. 5 South (Exit 7A) towards Waldorf. Go 12.3 miles and turn left onto Mattawoman Beantown Rd. (Rt.5). Go 3.2 miles and turn left onto Leonardtown Rd. (Rt.5). Go 4.9 miles and turn right on Olivers Shop Rd. Go 5.9 miles and turn left onto Charles St. (Rt 6). Go 1 mile and turn left into Gilbert Run Recreational Park

OR

Take Rt. 301 to La Plata, turn left onto Charles St (Rt 6 East) and go 8.6 miles to Gilbert Run Recreational Park
Turn left into Gilbert Run Park and follow the signs to the Hilltop
Pavilion Parking lot.

From La Plata, Md

From Rt. 301, take Rt. 6 East (Charles St) 8.6 miles. Turn left into Gilbert Run Park and follow the signs to the Hilltop Pavilion Parking lot.,



The following is from: <https://productforums.google.com/forum/#!topic/gec-nature-science-moderated/8y8aIOVzB4s>

The physical geography of a region is generally defined by the nature of its topography. It is closely related to the local geology, however a distinction needs to be recognized between a locality's physical features and its geological strata. Physical features are a result of many factors, including faults and erosional characteristics of geologic units such as rock strata and layers of sediment, as well as long and short term processes such as climate change, glaciation, storms, rise and fall of sea level, vertical and horizontal tectonic movements of land areas, floods, impacts of extraterrestrial material, and the influence of vegetation. In addition, most locations contain a combination of diverse geological materials, as do the Adirondacks, where rocks more than a billion years in age are partially covered by glacial deposits less than 20 thousand years in age. To some degree, the distinction between physiographic regions is arbitrary, since this is based on determinations regarding which physical characteristics are considered diagnostic. While classification of an area into physiographic regions can gloss over some of the details, it does help characterize the essence of the landscape of the area.

New York State's oldest rocks were deposited in shallow seas as sediment and chemical precipitates about 1.3 billion years ago. There was life in these seas, such as stromatolites, as evidenced by fossils at the western edge of the Adirondacks. At least four major episodes of mountain building, known as orogenies, affected the region, namely the Grenville (1.1 billion years ago), Taconian (460 million years ago), Acadian (400 million years ago), and Alleghanian (300 million years ago) Orogenies. In actuality, the duration of each of these orogenies spanned tens of millions of years. The Grenville and Alleghanian Orogenies each accomplished the completion of the assembly of a supercontinent, namely Rodinia and Pangaea, respectively. Both of these supercontinents, which included nearly all the landmasses on Earth, ultimately rifted apart, Rodinia beginning about 660 million years ago, and Pangaea starting around 200 million years ago. The Atlantic Ocean and the Newark Basin are both a result of the rifting of Pangaea. The forerunner of the Atlantic Ocean, which existed after the breakup of Rodinia and prior to the assembly of Pangaea, was the Iapetus Ocean.