

# CRACK 'N CAB



Gem & Mineral Society of Syracuse, PO Box 2801, Syracuse, NY  
web <http://www.gmss.us> Volume 49 Issue 4 April 2019  
209 Oswego St (Ponderosa Plaza), Unit 15, Liverpool, NY

## GMSS Annual Auction Monday April 15

Doors will open at 6:30 pm

Come early and stay late! Bring stuff to sell and some cash to bid on items for sale! John Sweeney will be there to entertain, add to the fun and help keep folks bidding!



For more auction Info click → [HERE](#)

## Photos from opening day at Ace of Diamonds! Courtesy of Tracey and Tonia Criscione



Upcoming events:

Rochester Symposium April 11-14 – info Click [here!](#)

GMSS Club Meeting May 20 “Fluorescent Minerals”

Presented by Susan Sharp

## President's Message Cheryl Brown



### President's Message

It's April and Auction month! What could be better? Spring and the opportunity to buy and sell some great specimens and equipment. Please review the Auction Rules which are posted later in this newsletter. You may contact me or one of the officers if you have any questions. If you are planning to bring something for the auction, there are a couple short forms you need to fill out beforehand. The doors to the clubhouse will be open by 6:00. Please come early to fill out the necessary paperwork.

The next Show Committee meeting will be April 30th at the Gem Diner. Come at 6:00 for dinner. The meeting starts at 7:00. Please be sure to sign up for a work spot. We need everyone to get involved. There will be lots of jobs to do. Sign-up sheets will be available at the meeting. And, if you work for 4 hours, you get into the show for free and get a cool RED T-shirt.

Just a reminder that elections will be held in June. The office of secretary will be open because Donna has reached her term limit. Also, Dan, our newsletter editor, is stepping down. If you are interested in getting more involved with the inner workings of the club by taking on one of these offices, please let Keith Gilmer, head of the nominating committee, know.

The Rochester Symposium will be held April 11 through April 14 at the Radisson Hotel at 175 Jefferson Road Rochester. Go to their website [www.rasny.org/minsymp/](http://www.rasny.org/minsymp/) for more information.

### GMSS Auction Rules

- Only club members can sell items. Anyone can bid on auction items.
- The auction begins at 7:30. If you are selling

items, please come early to obtain the auction label forms and set your items up on the auction tables. The doors will be open by 6:00.

- Each item must have a completed auction label. Sellers, please provide a description form for each item, which will be given to the successful bidder. (Mineral name and location collected)
- There is an upper limit of five (5) items per seller. There is no maximum limit for the number of items donated to the club.
- This is not a silent auction. Each bidder will be given a number on a sign to display.
- Any material with a specified minimum bid that does not sell will be returned to the seller.
- The club will retain 15% of the selling price. The full selling price of the donated items will be given to the club.
- The highest bidder wins the auctioned item. Runners will deliver each item to the winning bidder and collect the payment for that item. Bidders need not leave their chairs. **BIDDERS PLEASE BRING PL`ENTY OF CASH.** Items selling for more than \$15.00 can be purchased by personal check. All other items will be cash only.
- Sellers cannot bid on their own items.

### Board Meeting Minutes

- Keith Gilmer announced that Cathy Patterson will be pleased to run for the Secretary position on the Board of Director's.

- Many field trip sites were discussed. Outings to look for are: Wayne Co. Show June 1 and 2; Our picnic on August 4th at Sim's Landing. On April 11th a group will meet to go to The Rochester Symposium and hear John Betts speak.

A donation will be made in Carolyn Weinberger's name to EFMLS.

Junior rockhounds continue monthly meetings with Rick Moore.

Lapidary committee wishes to purchase on metal cutter for sheet metal.

Ed and Joanne Suchone have looked into storage shed prices. Another site has been located in Solvay and we may move the storage items to that location after the show in July.

Remember sign up sheets for this years show jobs at the Speaker's Meeting. We have many slots open that need to be filled to make this years show run smoothly.

Respectfully submitted,

Donna Dow



## Remembering Carolyn Weinberger

The Greatest "GO To" Person of our times -- Carolyn Weinberger! ... For sure to those of us who had the privilege of leading EFMLS for a year, Carolyn made sure we did not wander too far into Trouble Land and always was there to give solid, reassuring answers.

You have to realize that Carolyn was a school principal in Maryland, so she had to be firm at times but always clear in her message.

Underneath all that, she truly had a Heart of Gold.

Look at just some of what she had on her plate month after month, year after year -- Edited her club's Gem Cutters News, ditto for EFMLS News and AFMS Newsletter, Eastern's Annual Directory of Clubs, all of which had deadlines which she adhered to faithfully. She maintained and while watching TV in the long Winter, would have a second set of eyes culling out and updating her club's Pikesville Show mailing list.

She and Steve were regulars at Wildacres for about as long as I can remember -- a good thirty years at minimum. She was a Champ at seeking and reporting all the news and then some in the famous "Prospector" daily newsletter there. Carolyn and Steve regularly attended the Rochester Mineralogical Symposium going back into the 1990s and both were right in there most every available hour peering into their microscopes in the Micro "playroom" as it was fondly called. Many of the neat Microphotographs featured on the Weinberger's holiday card were discovered there and sometimes leading Steve to a super one. Carolyn was known by name by most there. Over the years she made many close friends at RMS. A year ago, she wanted to go so bad that she twisted her oncologist's arm to let her make the 5-day trek. In so doing she was able to say Hi and Goodbye probably to many at the annual Symposium.

Tucson in February -- a Fav of hers. She had oodles of friends out there and going back quite a ways, she and Steve made the long cross-country drive there every Winter. Was frequently seen bending the ear of Bob Jones there. Carolyn could *cut* quite the stone and appreciated fine faceting workmanship even more. There was not much in the way of new faceting rough or neat minerals they did not see in the myriad of shows in Tucson, and if wanted bad enough, buy whilst there.

No story would be complete of the life and times of Carolyn without including her poodles. One set were Sir Barkley and Caesar both of whom she often mentioned in her articles in the Federation newsletters. Then as a replacement came Mocha. They were the loves of Carolyn's

life and when traveling she was always concerned on how they were getting on boarded at home.

Carl Miller, past president of Eastern Federation nailed it with his "(Today) we have witnessed the death of a Giant!" That says it big time. Thousands will miss your kind and caring ways Carolyn Weinberger, including Joan and me.

Respectfully,  
Bob Livingston, EFMLS Past President

## Geo Lexis Puzzle from Anne Fitzgerald Match the Mineral

Can you match a clue on the left to a mineral in the column on the right?

Spice tavern	<i>Graphite</i>
Policeman	<i>Aquamarine</i>
Howling evening	<i>Garnet</i>
Pleasant	<i>Calcite</i>
Statistician war	<i>Copper</i>
To short a few	<i>Cinnabar</i>
What you'll need to eat a treat	<i>Gneiss</i>
State location	<i>Wulfenite</i>
Water veteran	<i>Gypsum</i>
Fish trapper	<i>Apatite</i>

Answers are on another page of this newsletter.

## Dinosaur talk Notes

### CHINA TO THE RESCUE

Since 1996, at least 50 new species of feathered dinosaurs have been discovered in the fossil fields of China.

**WHY ?**

In 2001 China changed it's fossil preservation laws resulting in unprecedented access to millions of extraordinary, well-preserved fossil specimens.

### Birds evolved from two-legged carnivorous dinosaurs called *theropods*

- Paleontologists now believe that modern birds are *living dinosaurs* that escaped extinction 65 million years ago by developing:
  - bigger, more adaptable brains
  - smaller bodies
- **Feathers**
  - original purpose was to moderate body temperature
  - but also enabled evolution of winged flight

**2019 GEMWORLD - "The Beauty of Gems & Minerals" OUR 53RD YEAR**  
**GEM, MINERAL, FOSSIL & JEWELRY SHOW**

[www.gmss.us](http://www.gmss.us)

Gem & Mineral Society of Syracuse, Inc.

**Sat. July 13** 10am – 6pm

**Sun. July 14** 10am – 4pm



Center of Progress Building  
 New York State Fair Grounds  
 575 State Fair Blvd. Syracuse, NY 13209

Minerals, Geodes, and Fossils Galore  
 Over 60 Retail and Wholesale Dealers  
 Trendy Beads by the Millions  
 Jewelry, Cut Stones, and Supplies  
 Educational Exhibits and Demonstrations  
 Kids' activities  
**FUN FOR THE WHOLE FAMILY**  
 Wheel chair accessible  
 Donation \$7 adults each day  
 Scouts in uniform & children under 12 FREE with adult  
 This flyer is good for \$1 discount off the admission fee.

VISIT THE METAPHYSICAL PRACTITIONERS LOCATED IN THE ANNEX OPPOSITE THE MAIN ENTRANCE.

## GEMSTONE PHENOMENA BY KRISTIN LOLMAUGH

Special optical effects, known as phenomena, exist in some gemstones. They are part of the nature of the material and are caused by the effects of light itself within the piece. These effects are not due to the gem's basic chemical and crystalline

structure, but to the interaction of light with certain inclusions or structural features within the gem. It takes skill to bring out the special effects when working with these gems.

**Chatoyancy** comes from the French phrase for "eye of the cat," because the reflection exhibits a single bright band of light across the surface of the gemstone and forms a cat's eye. This radiance is caused by inclusions of bundles of parallel particles of fibers of another mineral inside the gems. This phenomenon is commonly seen in cabochons in chrysoberyl, tourmaline, rainbow obsidian, and tiger's eye.

**Asterism** is derived from the Greek word for "star" and is a type of chatoyancy that exhibits a six-pointed star when cut into a cabochon or other round shape. This "star" is created by the presence of dense inclusions of tiny rutile fibers. This is commonly referred to as "silk" by gemologists and lapidaries. The rutiles are aligned perpendicular to the rays of the star displayed on the surface and create a range of opacity in any stone in which they are present. The most popular star gems are star ruby and star sapphire, but the star can also be found in rose quartz, garnet, spinel, chrysoberyl, diopside, and many others if cut correctly. Iridescence, from the Greek word for "rainbow," is an optical effect where colors on the surface of the gemstone appear to change with the angle from which it's viewed. Iridescence comes from multiple reflections within two or more transparent or semi-transparent layers.

Light enters the top layer and "bounces" around between the layers. It can be found in fire agate, rainbow moonstone, pearls, rainbow obsidian, ammolite, and sunstone.

**Labradorescence** is a type of iridescence. It comes from repeated, microscopically thin layer (lamellar) twinning in Labradorite feldspar. One of its most notable characteristics is that the twinning is quite specifically oriented within the crystal, making the iridescent display highly directional. It can be seen clearly in its namesake, Labradorite.

**Opalescence** is named after the gemstone which displays its properties the best: the opal. It refers to a particular pattern in the play of colors within a stone. Similar to iridescence, opalescence is created by the reflection of light within the stone material, and its dispersion out of alignment with its entry. Opals are created of multiple spheres of silica, which trap light as a raindrop does, "bouncing" around inside and exiting to create a rainbow. Some other gemstones exhibiting opalescence are agates, milky quartz, rainbow moonstone.

**Aventurescence**, from the Italian word for "chance" or accident, is unlike the other phenomena which diffract or scatter light. Aventurescence is a consequence of reflection. When inclusions of another mineral are present, and are of a highly reflective nature so that they act as tiny mirrors, the gem sparkles and glitters. The term shiller, is also sometimes used to describe this glow. The most common reflectors are copper, hematite, and mica.

(Article Taken from from 'The Rockhouser' newsletter, May 2013)

## Geo Lexis Answers

- |                                    |            |
|------------------------------------|------------|
| 1. Spice tavern                    | Cinnabar   |
| 2. Policeman                       | Copper     |
| 3. Howling evening                 | Wulfenite  |
| 4. Pleasant                        | Gneiss     |
| 5. Statistician war                | Graphite   |
| 6. To short a few                  | Gypsum     |
| 7. What you'll need to eat a treat | Apatite    |
| 8. State location                  | Calcite    |
| 9. Water veteran                   | Aquamarine |
| 10. Fish trapper                   | Garnet     |

Rock Jokes on the web!

<https://www.jokesbykids.com/rock/>

<https://thoughtcatalog.com/january-nelson/2018/06/rock-puns/>

<http://www.sciencekids.co.nz/jokes/earth.html>

Gem & Mineral Society of Syracuse  
PO Box 2801  
Syracuse, New York 13220  
Time Dated Material



### About US

Eight people organized the Gem and Mineral Society of Syracuse in 1951. Since that time it has grown in membership to include adults, families, and young folk. The Society was incorporated in 1969 and GMSS became a 501(c)(3) Public Non-Profit organization. The objectives of the Society are to stimulate interest in mineralogy, geology, paleontology, and the lapidary arts. Member interests include collecting, identification, and display of minerals, gems, fossils. Members share and develop their artistic skills in jewelry design and creation. Our monthly meetings provide social and educational experiences and fun! Field trips give collectors chances to learn, find specimens and enjoy the out of doors, and provide exercise and fun with old and new friends.

**Club Meetings - 3<sup>rd</sup> Monday of the month**

**Guests are ALWAYS welcome!**

**See our online Newsletter for meeting topics**

**<http://gmss.us/resources/newsletter>**

**Jr Rockhounds @ 6:30 - General Meeting @ 7:30**

**(NOT Jul-GemWorld, Aug-Picnic, Dec-Holiday Party)**

**209 Oswego St (Ponderosa Plaza) Unit 14 & 15, Liverpool, NY**

**You can also visit our facebook and flickr pages**

### ***Annual member dues***

**Adult \$10 • Family/Couple \$15 • Junior \$5 • Life \$5**

If you would like to join or renew membership download the application form (PDF), see <http://gmss.us/about/membershipform.pdf> You can get a form at a meeting or send requests to **GMSS, PO Box 2801, Syracuse, NY 13220** We will mail an application/renewal form to you.

GMSS is affiliated with

*American Federation of Mineralogical Societies* - <http://www.amfed.org>

and *Eastern Federation of Mineralogical and Lapidary Societies*

<http://www.amfed.org/efmls>

### GMSS Officers/Contacts

*-President*

Cheryl Brown 315-708-9122 [pres@gmss.us](mailto:pres@gmss.us)

*-Vice-President*

Dick Lyons 672-5328 [vp@gmss.us](mailto:vp@gmss.us)

*-Jr Rockhounds & Web*

Rick Moore [webmaster@gmss.us](mailto:webmaster@gmss.us)

*-Treasurer*

Linda Sweeney Clark 668-8470 [treasurer@gmss.us](mailto:treasurer@gmss.us)

*-Secretary, Membership Chair, Hospitality*

Donna Dow [secretary@gmss.us](mailto:secretary@gmss.us)

*-Sgt at Arms*

-Ed Suchon [sgtatarms@gmss.us](mailto:sgtatarms@gmss.us)

*-GemWorld Show Chair*

Dick Lyons 672-5328 [show@gmss.us](mailto:show@gmss.us)

*-Club Library*

Steve Albro 607-756-2298 [library@gmss.us](mailto:library@gmss.us)

*-Lapidary Committee Contact*

Joanne Suchon 315-440-4098

*-Newsletter & Web*

Dan Andrianos 492-6437 [editorgmss@gmail.com](mailto:editorgmss@gmail.com)

*-facebook*

Judy Cook

*-Photographers Extraordinaire*

Judy Cook, Steve Albro

*-Hospitality Committee Chair & Members* **\*We are**

**looking for volunteers\*** contact Donna Dow at [secretary@gmss.us](mailto:secretary@gmss.us) or Sharon Thomson to help