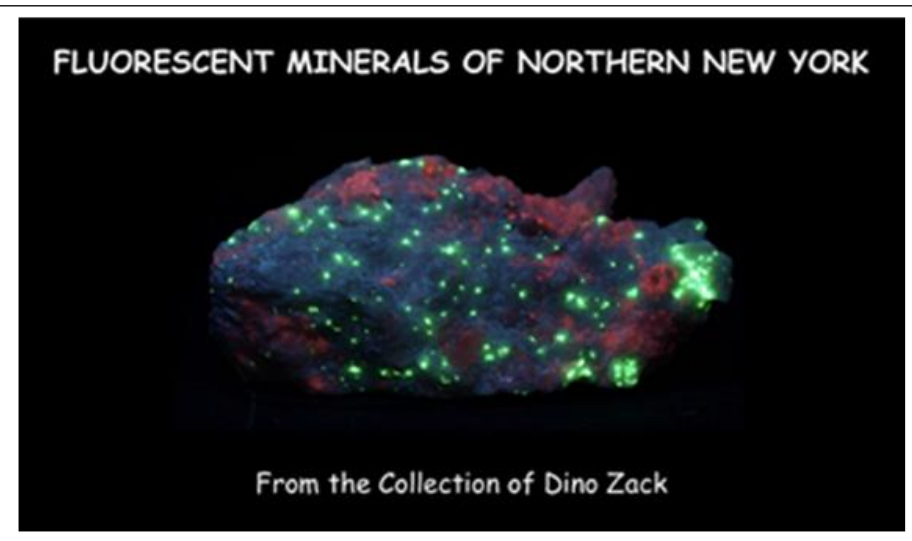


CRACK 'N CAB



Gem & Mineral Society of Syracuse, PO Box 2801, Syracuse, NY
web: <https://www.gmss.club> (updated!) Volume 53 Issue 10, Oct. 2023
209 Oswego St (Ponderosa Plaza), Unit 15, Liverpool, NY

Monday, Oct. 16 Meeting Program:



**Dino Zack,
Geologist -
Rocks That
Glow!
See Meeting
Information
Page 5**

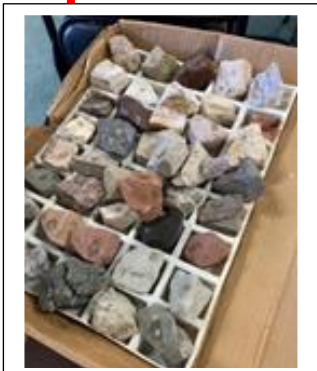
Plus: Mineral of the Month: Mica – See Page 4
Officers Election Information- See Pg 2

Also in this issue:

Rules for Use of Marie Cole Cutting Lab – See Page 5

Diamond Mountain Mining Update – Page 8

September Meeting: In Review – Pages 10 & 11



**“The Kammer Donations”
Amanda Lytle – Pages 6 & 7**

Christmas Party Planning! – Page 9

President's Message

John Sweeney



There is a lot going on at the Gem and Mineral Society as we move into the fall. Our year actually starts in September. It's when dues are due, and we usually vote on and install our slate of officers. **We will be swearing in officers at the October meeting.** The perspective officers' names and positions were posted in last month's

Crack and Cab (and posted here again). Anyone interested in being a future board member and acting as an officer of the club please check in with me or any of the other board members and we can fill you in on what the jobs entail. It's a rewarding experience and helps the club.

We have what should be **a really interesting presentation on fluorescent minerals at the October meeting** and a full out **Auction Night at the November meeting** (auction rules to follow in the next issue).

The **Christmas Party at Bella Domani is coming up in early December** and **we will be taking sign-ups and payments beginning at the October meeting.** I know it seems early but we only meet twice between now and the party and we need payment and people signed up so we can give the restaurant a head count. So just bring your checkbook Monday night to the meeting so we can get you on the list. All the details will be at the sign-up table. While you have your checkbook out **Linda Clark will be taking orders for a variety of stylish club shirts and hoodies at the meeting.** Yes, you too can be GMSS chic.

Anyone who has been to the club lately has likely seen the **massive influx of rocks** into the meeting room. This collection has been **donated to the club by Bridgette Boyle of Marcellus.** Thank you, Bridgette, we are honored to give them a good home. Several volunteers spearheaded by Amanda Lytle and Bill Verge have been sorting through and organizing this expansive collection of thousands of pounds of mixed specimens, cutting material and fossils from all over the world including fluorescent materials, specimens from Antarctica, fossilized corals and more. Once again thank you Bridgette for this awesome contribution. **Bill and Amanda could probably use some help if you are interested.** Just going through the material identifying it and handling it is an education in itself. **Contact Bill if you are interested in helping.**

I am still looking for a crew to put together a black light display case. Please get hold of me at the meeting if you are interested even if we have already talked.

The folks at **Hafner's Greenhouses** have invited the club to be part of their **October festivities on the weekend of**

October 21 and 22. We will be demonstrating and promoting the club and there will be people selling jewelry and rocks as well. So come on down to help out or just to get out on a fall day. A greenhouse is a wonderful place to spend a chilly afternoon.

Many of you may have noticed there was no President's message last month or maybe you didn't (enough of the criticism already) I apologize for not posting. To keep it short, I'd been sick with a fever and headaches and chills for over a week and thought I had kicked whatever I had (Covid results were negative). Two days later about the time I sat down to write, my right foot and ankle swelled up to the size of a cantaloupe, red splotches appeared on my body and I was sick and had a headache again. A visit to the Doctor confirmed it was **Lyme Disease** and I'm being treated with antibiotics. It was really ugly. It took over a week for my foot to get back to near normal and the headaches continued. From what I understand, as bad as this sounds, I'm lucky that I had such a virulent reaction to the disease. It made it easy to diagnose and treat.

Apparently, people who are not diagnosed can end up with severe nerve damage, Bell's palsy, joint deterioration and arthritis, even brain damage. So, **when you are out in the field beware of ticks. Wear bug spray, proper clothing and check for ticks when you get home.**

Elected Officers Nominations

As determined by the Executive Board at the September 5, 2023 Board meeting, **our annual election will be held during the October regular meeting** with the newly elected officers sworn in and assuming their positions at that meeting.

Per the September 5th Executive Board meeting, **the slate of individuals running for GMSS elected office for 2023-2024 reads:**

President – John Sweeney

Vice President – Cathy Patterson

Secretary – Teresa Arnold

Treasurer - Linda Clark Sweeney

Sergeant at Arms - Matt Klinger

Webmaster – Amanda Lytle

Editor – Larry Petry

Executive Board Meeting October 3, 2023 Minutes

The October 3, 2023, meeting was called to order 7:06 PM by President John Sweeney with Board members; Linda Clark Sweeney, Treasurer; Cathy Patterson, Vice President; Larry Petry, Newsletter Editor; Amanda Lytle, Web Master; and Cheryl Brown, Show Chairman; Lapidary instructors Steve Shorey and Bill Verge, Kip Perkins, Judy Cook and Mark Grasmeyer were also present. Secretary Teresa Arnold was out of town.

President – John Sweeney

The slate of officers for the 2023-2024 Fiscal year are:

John Sweeney- President
Cathy Patterson- Vice President
Teresa Arnold - Secretary
Linda Clark- Treasurer
Matt Klinger- Sgt at Arms
Amanda Lytle - Webmaster
Larry Petry – Newsletter Editor

The vote to accept the slate will be at the October 16 meeting.

Budget Committee

The Budget Committee: Linda Clark Sweeney, Cheryl Brown, John Sweeney and Cathy Patterson met October 2, 2023. Expenses and income were discussed line by line. Some areas increased while others decreased. It was discussed that we need to cut back on some expenses to justify increases in clubhouse rent and show expense increases. A problem-solving meeting regarding this will take place in the near future.

Diamond Dan Publication

John Sweeney will contact Darryl Powell and EFMLS about our receiving Diamond Dan booklets for our membership. It is a worthwhile publication.

Fluorescent Display Case

We again discussed the How-to's of building our ever-growing collection of fluorescent minerals. Eye safety is a main concern. We will continue to look into best designs of the exhibit to show off our fluorescents. Ideas, contact people are needed.

Ed Kramer Collection Donation

Bill Verge, Amanda Lytle and many others have been involved in sorting, identifying, and weighing this extensive donation collection! It is still in storage within the clubhouse and more will be coming! Several ideas were offered on how best to keep, sell, auction, display, and offer to teachers items of this extensive collection.

Next Board Meeting Date Change

The next scheduled Board meeting was November 7, Election Day. Since some Board members may be working at the polls it was decided to move the meeting day to **Monday November 6, 7:00 pm AT THE CLUBHOUSE.**

Secretary - Teresa Arnold

Cheryl Brown made a motion to accept the September Board minutes, Cathy Patterson seconded. The September 2023 minutes, as posted in the September newsletter, were accepted.

Treasurer – Linda Clark Sweeney



Linda Clark Sweeney stated **she will be selling GMSS t-shirts, sweatshirts, V-neck shirts at the Oct. meeting. Prices will be posted.** If interested, bring cash to the next 2 meetings. The order will be put in.
(Photo by Judy Cook)

IRS Taxes

IRS taxes for 2022-2023 have been sent in. The next tax payment will be 3 in January 2024.

Club Financial Audit

The annual audit will take place soon. Judy Cook and Kip Perkins volunteered to serve as auditors.

Vice President – Cathy Patterson

Cathy Patterson offered a proposed list of programs taking us to the end of the fiscal year, August 2024. For this year we will have:

October 16 – Dino Zack – Fluorescent and phosphorescent minerals of NY

November 20 – Semi Annual Club Auction - John Sweeney offered to be auctioneer. More information will be posted in the November newsletter.

- Members will be asked to bring cash for ease of transactions.
- We will start assigning bid numbers and putting out auction items starting 6:00-6:45. This is earlier than usual.
- Three items per family is the change from previously 5 items per person.

December - Holiday party buffet. The date will be announced soon. Location is Bella Domani on Taft Rd., North Syracuse. It is a roomy and attractive venue. We'll ask for all attending to sign up and pay prior to December. More information will be given at the October meeting.

Webmaster -Amanda Lytle

Please note our web address is shortened to www.gmss.club.

- Amanda has organized the Kramer donated collection onto an easy-to-read spread sheet. Bravo!
- Lee Levesque III has been invited to show off his HUGE, prized skeletal Herkimers at the 2024 Tucson Show! We will provide Lee with business cards and club logo shirt to promote our club. This was an extraordinary find worth national attention!

Facebook – Judy Cook

Our Facebook presence is getting much attention. Look here for details on our presence at Hafner's Garden event October 21-22. Good work Judy!

Membership – Cheryl Brown

We must raise dues starting January 2024. The new changes are: Family \$20; Individual \$15; Junior \$10; Life (20+ continuous years a member) \$5

Junior Rockhounds

We have found samples of sedimentary, igneous, and metamorphic specimens that are labeled and ready to give to our junior rockhounds in an upcoming meeting.

Hospitality – Cathy Patterson

We are thankful for some members who have signed up to bring sweets, savories, and beverages to our next 2 meetings! Thank you!! This list is elsewhere in the newsletter. A BIG thank you to **Tim Halmos** and new member **Yacheef Davis** for being hosts at the refreshment table in September. Refreshments provided by Cathy Patterson.

Lapidary – Bill Verge, Steve Shorey

- We have a new machine to replace the broken machine that could not be repaired. It is working well.
- Parts for another machine have been ordered and are on the way.
- Water for students will be for sale \$1 or bring your own beverage.
- The Lapidary Workshop is ONLY open for use Saturdays when Steve and Bill are present. NO ONE should be using the equipment other times. Machines MUST BE CLEANED and put back together properly. Unauthorized use is NOT ALLOWED.

Show – Cheryl Brown

- **Hafner's Farm Store in North Syracuse hosts us October 21-22, 11:00 – 4:00.** If you have a seller's ID tax # and want to set up your own table, you must contact Cheryl Brown. We'll be demonstrating, selling and promoting our wonderful club to the visitors on those days.
- We'll have to raise our gate admission price to \$8 for the **July 13 – 14, 2024 show at Center of Progress at the State Fair.** Costs for using the facility are going up.

Building John Sweeney

We are looking at how to better use the space we have to accommodate all our growing membership. A fact-finding/problem-solution meeting will take place to discuss space concerns.

The meeting adjourned 9:05PM

Temporary Secretary
Cathy Patterson

Welcome New Members

Yahkeef Davis
Robin Lester
Julie Mannion
Michele Norstad
Kristin White

Membership Reminder

If you haven't renewed your membership yet, it's not too late!

You can mail it to the post office box or bring it with you to the October 16th meeting.

Adults \$10.00

Family \$15.00

Youth \$5.00

Life Members \$5.00

Check out our brand-new web address:

WWW.GMSS.CLUB



Easy to Remember!



Easy to Tell Your Friends!

(GMSS = **Gem & Mineral Society of Syracuse**)

October 16 Meeting Program

The **Silent Auction** will be starting 6:45- 7:15 PM. If you have a couple items you'd like to include in the silent auction, bring them and fill out the short form. Folks can make written bids on the form. When the bidding is ended, the winning bidders pay the auction seller. Easy, peasy, fun! You might go home a few dollars richer! Stone material, books, jewelry, polishing slabs, etc. are all fair game. Bring small bill cash to make it easy for transactions.

Mineral of the Month: Mica
Dave Millis

The subject of the knowledge corner this month is mica. Mica is not a mineral, but it represents a family of minerals, including biotite and Muscovite, and others.

It crystallizes in the monoclinic system, and I will show you that. It appears to be hexagonal, and I'll show you why it isn't. Monoclinic means one incline.

I talk briefly about the silicate group it is in and why it splits so easily. And why sometimes it doesn't. To that end I'll demonstrate how to split it down to being transparent. And there will be a free sample for each person.

(Continued on next page)

Rocks That Glow!

Fluorescent Minerals of Northern New York

October 16, 2023, 7:30 PM

Dino Zack, geologist from Buffalo, will speak at the October 16 meeting. Dino's credentials are lengthy. He is currently Geologist/Project manager in Buffalo for AECOM Technical Services. Starting out as a petroleum geologist then



transitioning to environmental geology, he has seen his share of hazardous waste sites but along the way he has unearthed a good variety of fluorescent and phosphorescent minerals in upstate New York. That is where he will focus his presentation. We'll learn where they can be found (some we've had

recent field trips to collect). We'll learn plenty of new vocabulary related to luminescence in seemingly dull rocks found in New York. Come with your UV lights and see the wonders he will bring. We'll have some of our own specimens too. Bring a couple of what you found on digs this summer if you need to have them identified. If you wish, bring work glasses (plastic lenses) just to protect your eyes.

Mr. Zack is currently a Senior Geologist and Project Manager with AECOM Technical Services, Inc. He graduated from the University of Buffalo in 1998 with multiple degrees in Geology, studying stratigraphy, sedimentology, and structural geology.

Mr. Zack worked as a petroleum geologist for several years before transitioning to environmental geology. Some of his current responsibilities include managing remediation projects; performing technical writing and review of documents; geological and hydrogeological investigations for hazardous waste sites; and sediment dredging and capping projects.

Mr. Zack is a Professional Geologist for the state of Alaska and was one of the first to receive his professional license to practice Geology in the state of New York. Mr. Zack is an active member of several local and national professional affiliations and was selected for the Society of American Military Engineers Volunteer Service Award for his efforts to promote STEM careers.

Mr. Zack sits on the University at Buffalo Geology Alumni Advisory Board and volunteers his time at the University's Career Center mentoring students. In addition, he has provided countless hours of STEM/STEAM-based youth training working with elementary school through high school-age students on behalf of WNY STEM Hub.

When not at work or mentoring, he spends his free time prospecting for and presenting on fluorescent minerals

and enjoying the great outdoors with his wife Amy, and two children, Colton, and Carly.

Rules & Guidelines for the Use of the Marie Cole Cutting Lab

By Bill Vergé

1. Eligibility for Use:

- Members in Good Standing who have signed the workshop waiver and completed the approved Orientation Course are allowed to use the cutting lab during designated hours.

- A GMSS (organization name) Member in Good Standing is defined as someone who has paid the organization's current annual membership dues.

2. Non-Member Policy:

- Non-members (guests) are not permitted to participate in the workshop or use the facilities and equipment.

3. Workshop Attendance:

- Lapidary Workshop participants must sign the attendance logbook before using the facility.

- A \$5.00 per session facility use fee is required to be paid by workshop participants.

4. Clean-Up Responsibility:

- All workshop participants are responsible for cleaning the workshop facility at the end of each session.

- Regardless of which tools, equipment, or areas were used, all participants must assist in cleaning any areas or equipment in need of attention.

5. Wastewater Disposal:

- No wastewater should be disposed of in the sink.

- All water used during the workshop must be poured outside in the back of the shop.

6. Eye Protection:

- Eye protection, such as safety goggles or glasses, must be worn at all times when using saws, grinding machines, and polishing machines to ensure safety.

7. Clean and Orderly Condition:

- Leaving the lab in a clean and orderly condition is both respectful and considerate to other users of the workshop.

- It is required that all participants ensure the lab is clean and organized before leaving.

These procedures are important for maintaining safety, cleanliness, and order in the Marie Cole Cutting Lab and should be followed by all members in good standing who wish to use the facility. **Violations of these procedures may result in the loss of workshop privileges.**

If you haven't taken the SGMS Lapidary Class our next one begins Saturday, October 14th at 10 AM in the Marie Cole Lab. Please email Bill Vergé at b.verge@comcast.net for information. Or text me at 617-872-4528.

**Geo Lexis (Puzzle)
By Anne Fitzgerald**

"Paper or Plastic or Prank?"

October can be a time for pranks. It's getting harder to figure out the truth, and even harder to figure out when we are getting pranked. For anyone who uses the term "harmless prank," let's remember: Most pranks result in some type of humiliation. If that's not harm enough, at Halloween time, pranks may result in massive cleanup. We need to be on alert and skeptical more than ever. There have been reports of flying dinosaurs and threats of shark-release experiments in the Great Lakes. Just last March, scientists announced their belief that they were duped by a plastic toy.

A citizen scientist reported a goblin shark washed up on the beach in Greece in August 2020. The goblin shark is a deep-water shark, rarely found, hardly ever seen, and when seen, not in Greece. Goblin sharks spend most of their time at the bottom of the ocean, so, you'll have better luck finding goblin shark teeth than finding the shark. But the picture looked good, and some research scientists got excited and wrote quick papers which were quickly or not reviewed, and news was made, and Greece was in the papers.

Shark experts doubted the story, partially based on the estimated size. Then the original starters of the story changed the estimated size of the shark from 31.5 to 7 inches. Even I would have been skeptical at that point as

most fish-catchers and finders tend to overestimate the size of the fish, not underestimate. Some scientists and normal people on the internet matched the picture to a popular brand of plastic toy goblin sharks. This left the original research scientists trying to clean up their papers like the day after Halloween. So don't be fooled this Halloween. Here are some science fact or fiction questions. Can you determine the real truth and nothing but? The answers can be found on another page of this newsletter. *Or can they? (Try Page 9)*

True or False?

Polar bears are nearly undetectable on infra-red cameras.

The creator of Jell-O got the idea from looking at pictures of lava after a volcanic eruption.

Earth is a giant magnet.

Water can boil and freeze at the same time.

Our clubhouse can be seen from space.

The Kammer Donations. How it started, and how it all went down...

By Amanda Lytle



At the clubhouse, boxes and boxes of rocks had been delivered on an unsuspecting Saturday afternoon, then tediously stacked and piled against the back wall of the room from end to end. As overwhelming as the piles of boxes seemed, if you were

able to come in and help sort the chaos... not only you've helped tremendously, thank you for making this an incredibly fun & educational experience. However, I've been told many times by volunteers, "I feel like I didn't do anything!"

(Continued on next page)



I'll never be able to express the amount of appreciation I feel for everybody's energy in the mix. If you were a volunteer who felt like you didn't contribute any help, you DID, and you did it so amazingly well. When looking at the mess in the aftermath, it looked defeating, but the 'fallout' was a lot of emptied boxes and trash. The sorting process you had a hand in, even if you happened to be there for just a few minutes, was very involved and very successful.



The Kammer collection spanned from all over North America, and from different continents as



well. I still can't get over the fact I was holding a fossilized tree log from Antarctica. In my experience, it felt like this incredible collection generated something for us club members to get

together over, meet new faces, share laughs and surprises, get caught in the wonder of interesting finds, and everyone seemed to be teaching one other some knowledge about a mineral or fossil the moment it was pulled out of a box.



Conversations around personal rockhounding stories filled the room each time a specimen brought up memories. Surprises waiting from the collection sparked excitement and a sense of adventure that was shared with one another. As everyone's presence at the work parties helped make sense of the seemingly endless mix of fossils & rocks, a wonderful, shared experience was generated around these earthly treasures. And whether we were experts or brand new to it all, I believe we all learned something new and fascinating from each other while volunteering for this activity.



Thank you, everyone, for your bravery in tackling The Wall of Curiosities and Stacked Chaos. You all rock!



Sept. 30th Talcville Field Trip

Dave Millis

There were only 4 of us but we got some excellent tirodite and talc mixed with tirodite.

Tim and Donna carpooled from Watertown. Lorie drove from Potsdam. We dug for more than two hours and got a lot of material. When you see the pictures, you will know we left with smiles on our faces. One of the pictures represents a donation to the auction in November. It's not the 50 pound one.



Upcoming Events

OCT. 16 – GMSS meeting – 7:30 pm

Election of Officers. Our guest speaker, **Dino Zack, a geologist from Buffalo**, will be coming to speak about fluorescent and luminescent minerals. **Mineral of the MONTH...MICA!** Welcome to the Silica Mineral Family! Dave Millis, Rock Doc, will have free samples for everyone. Though mica will never be a “girl’s best friend” it sure is useful and plentiful!

Thank You!! Meeting Refreshments!!

Providers of nourishment during our **October 16** meeting break are: **Celestine Drake** – savory

Doria – sweet

Laura Coleman – beverage

We usually have at least 50 people attend meetings. We provide cups and paper plates.

OCT. 21 & 22 – Hafner’s Fall Festival – see information on the right.

OCT. 28 – Diamond Mountain Mining Dig Field Trip to Diamond Mountain – Little Falls October 28

We quickly filled the 20 FREE spots available to us for this Herkimer Diamond dig site thanks to Shannon Phillips. **If anyone on the list cannot make it, PLEASE CONTACT CATHY PATTERSON 315-480-8907 to let someone else have the opportunity to visit this spot.** The list will be posted on the wall at the October meeting. Check to be sure you are on the list and on a waiting list if you choose to be.

- FREE to the GMSS members with paid up membership and card to prove it.
- This date rain or shine or snow!

- Dress smart for the weather and dig conditions. Ask if you are not sure how to prepare.
- Someone asked at the meeting if Diamond Mountain offers discount rates. They just posted this today:

- ✨ ☐ END OF SEASON SPECIAL ✨ ☐
Half-Price (\$50) Dig Admission on Weekdays--Starting October 16th!

MON., NOV. 6 – GMSS Board meeting – 7 pm at the Clubhouse. All are invited.

NOV. 20 – GMSS meeting – 7:00 pm

We’ll have our ever-popular club auction of fossils, minerals, jewelry, tools, and rocky related items. This is an excellent opportunity to buy interesting hobby items at great prices! Do NOT miss this!

November 20 Refreshment providers are:

Deb Killian and Jeremy Wrolstad – savory

Bill Verge – sweet

Chris Lane – beverage

We usually have at least 50 people attend meetings. We provide cups and paper plates.

Hafner's Fall Festival

We've been invited to Hafner's Garden Center at 7265 Buckley Rd on **October 21st and 22nd from 11 to 4.**

It's an opportunity to let the community know who GMSS is and what we are about.

If you would like to join us, **please let Cheryl Brown know (315-708-9122).** You can be a demonstrator, sell items related to the gem, mineral, and lapidary hobby (as long as you have a tax ID number) or engage children with a simple jewelry making activity. We're open to any other thoughts and ideas since this will be a great advertising opportunity for the club.





Christmas in October???

Christmas Party Planning

It's official! We are planning our annual holiday party, and we want you there! We'll have plenty of delicious food, door prizes, time to relax with rockhound friends, and plenty of photo ops in front of the Christmas tree. This is always a fun event so please plan to attend.

- **Bella Domani** - 5988 E Taft Rd. Syracuse (North Syracuse). Plenty of parking, no stairs, comfortable accommodations
- **Sunday December 10, 11:00am-3:00pm**
- **\$22 pp**
- Holiday brunch menu:
Fresh made omelet to order with a variety of fillings, Belgium waffles, ham, bacon, sausage, penne pasta with vodka sauce, spinach ambrosia salad, fresh fruit salad, assorted breakfast pastries, coffee and tea
- Bring a non-perishable food pantry item
- Bring an unwrapped toy for the Marines' Toys for Tots program
- Bring a hobby related (or not!) unwrapped gift to swap

Please bring cash or check to the October and November meetings and get on the sign-up list.

Upcoming Fall Shows:

Oct. 7—MACUNGIE, PA: Annual show; Mineralfest - sponsored by the Pennsylvania Earth Sciences Association (PESA); Macungie Memorial Park, 50 Poplar Street; Sat. 8:30-3; Free admission; Over 100 tables inside along with 2 floors of indoor dealers & outdoor tailgating dealers featuring fossils, gems, & minerals from 6 continents & outer space, a fluorescent mineral room, onsite restaurant, scouting & group presentation information; contact Mandy Apgar; Website: www.facebook.com/profile.php?id=100064902032245

Oct. 14-15—BRISTOL, CT: Annual show; Bristol Gem & Mineral Club; Bristol Community/Senior Center, 240 Stafford Ave, 127 Herschel Ave; Sat. 9:30-5, Sun. 10-4; Adults \$5, kids under 12 free with paid adult; contact Michael Zagielski; Email: mzagielski@comcast.net

Oct. 28-29—E. ROCHESTER, NY: Rochester Gem, Mineral, Jewelry & Fossil Show & Sale; Total Sports Experience, 435 W. Commercial St (just off I-490); Sat. 10-6,

Sun. 10-5; adults \$7; 2-day pass \$10, kids 12 & under free with adult; about 28 dealers, educational displays, adult crafting tutorials/mini-workshops, children's activities, hourly drawing; Website: www.rochesterlapidary.org/show/; <https://www.facebook.com/ROCGemShow/>

Oct. 28-29—CRANSTON, RI: Annual show; Rhode Island Mineral Hunters; Scottish Rite Masonic Center, 2115 Broad St; Sat. 10-6, Sun. 10-5; 12 and older \$5 each; Our Golden 50th anniversary show; contact Dante Caprara Jr, (401) 269-6753; Email: dlcj8@cox.net

Nov. 4-5—NEW YORK, NY: Show & sale; New York Gems, Jewelry & Mineral Show; The School of Fashion Industries, 225 West 24Th Street; Sat. 10-6, Sun. 11-5; Admission Fee \$6, 12 Years & Under Free with a Paid Adult; Participants also entitled to hourly door prizes & attend free lectures organized by the New York Mineralogical Club; contact Bary Gems Inc, (347) 247-6568; Email: barygems@gmail.com; Website: www.barygems.com

Nov. 18-19—LEBANON, PA: Wholesale & retail show; Mid-Atlantic Gem & Mineral Association, LLC (MAGMA); Lebanon Valley Expo, 80 Rocherty Rd; Sat. 10-5; \$6, Children under 12 & Veterans Free; Gem Miner's Holiday Show of Gems, Jewelry, Beads, Minerals, Fossils, Gift & Craft Items. Demonstrations & Wholesale Trade Room; contact Teresa Schwab, (301) 807-9745; Email: beadware@rcn.com; Website: www.gem-show.com

Nov. 18-19—WEBSTER, MA: Annual show; Worcester Mineral Club; Richard Novak Gymnasium, 50 Lincoln St; Sat. 9-5, Sun. 12-5; Contact club for more information on admission prices; Live Demos, gemologist identification, raffles, door prizes, geodes cracking, gift bags, educational displays, & much more; contact Darlene Fohlin, (860) 428-4148; Email: Hunzo.dgf@gmail.com; Website: www.Worcestermineralclub.org

Answers to Geo Lexis

Polar bears are nearly undetectable on infra-red cameras. True

The creator of Jell-O got the idea from looking at pictures of lava after a volcanic eruption. False

Earth is a giant magnet. True

Water can boil and freeze at the same time. True

Our clubhouse can be seen from space. False

Sources and further reading:

<https://www.livescience.com/why-did-a-weird-goblin-shark-going-viral-on-twitter-blow-up-into-a-bizarre-scientific-spat>, Sascha Pare March 28 2023
<https://blog.edclass.com/20-unbelievable-science-facts-that-will-shock-you/>
http://hoaxes.org/af_database/display/category/science

Sept. 18 Club Meeting Review



The **Silent Auction** takes place before the meeting - 6:45 pm to 7:15 pm. Club members can bring a couple of items to include. Folks in attendance can place a written bid. The winning bidder pays the seller. (Photos by Judy Cook)

"clino-suenoite." We, along with several other clubs agreed to continue using the old name.

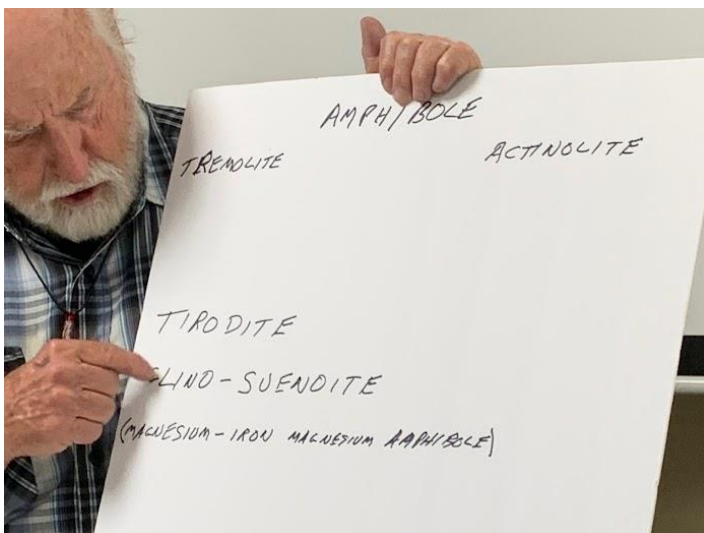


The fluorescent rock from Talcville, NY has a rare ruby red color in 365nm UV light.



Dave Millis "Rock Doc" –Tirodite Talk

Photos by Amanda Lytle



"Tirodite" doesn't exist anymore as a mineral (the name was discontinued in 1997). It was replaced with the unpronounceable name



Free samples of Tirodite were given out to those in attendance.

MINERAL OF THE MONTH – Fluorite Photos by Judy Cook



Cathy Patterson and Dave Millis gave a short talk about this colorful mineral. It is used in flux for welding and smelting iron, opalescent glass and in manufacturing octane fuel. It also has some interesting metaphysical properties.



Door prizes included fluorite specimens from Loren Patterson's collection displayed at our July show.

Field Trips Show and Tell



Tim Hart and Shannon Phillips talked about their treasured finds, including blue calcite from Pitcairn, NY; tirodite from Talcville, NY; and Herkimer diamond skeletal and scepters from Diamond Mountain Mining Ltd. In Little Falls, NY.

Special Award Presentation

Bill Verge presented Cheryl Brown with a special award for her outstanding job as Show Chairman for our show as well as her overview of the Eastern Federation Convention. He created and fashioned this unique plaque from blue calcite in the club workshop.





Gem & Mineral Society of Syracuse
PO Box 2801
Syracuse, NY 13220
First Class Mail
 Time-Dated Material



www.amfed.org www.amfed.org/efmls [Future Rockhounds](#)

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 under the same name.

The objectives of the Society are to stimulate interest in mineralogy, 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. Field trips give collectors chances to find specimens and enjoy the out of doors, exercise and time with old and new friends.

Meetings - 3rd Monday of the month
Future Rockhounds @ 6:30 - General Meeting @ 7:30
(NO Meetings Jul, Aug, Dec)
209 Oswego St (Ponderosa Plaza) Unit 14 & 15, Liverpool, NY
Visitors are ALWAYS welcome!

See online Newsletter <http://gmss.us/resources/newsletter>
 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.

2022 – 2023 GMSS Officers/Contacts

-President: John Sweeney
pres@syracusegemsociety.com

-Vice-President: Cathy Patterson
vp@syracusegemsociety.com

-Treasurer: Linda Clark
treasurer@syracusegemsociety.com

-Secretary: Teresa Arnold
secretary@syracusegemsociety.com

-Jr Rockhounds: Rick Moore
kidsrock@syracusegemsociety.com

-Membership Chair: members@syracusegemsociety.com

-Sgt at Arms: Matt Klinger
sgtatarms@syracusegemsociety.com

-GemWorld Show Chair: Cheryl Brown 315-708-9122
show@syracusegemsociety.com

-Club Librarian: Steve Albro 607-756-2298
library@syracusegemsociety.com

-Lapidary Committee Contact: Steve Shorey
lapidary@syracusegemsociety.com

-Newsletter: Larry Petry 315-472-9226
editorgmss@gmail.com

-Facebook: Judy Cook
socialmedia@syracusegemsociety.com

-Website: Amanda Lytle
webmaster@syracusegemsociety.com

-Photographer Extraordinaire: Judy Cook
-Hospitality Committee Chair:
 315-885-4416 hospitality@syracusegemsociety.com