

CRACK 'N CAB



Gem & Mineral Society of Syracuse, PO Box 2801, Syracuse, NY
web <https://www.syracusegemsociety.com> Volume 52 Issue 8, **August 2022**
209 Oswego St (Ponderosa Plaza), Unit 15, Liverpool, NY

The Gem Show is Over, It's Time to Call it a...Success!



June Photos above: Judy Cook; July Photos below: Mary Davis



See Show Photo Essay: Pages 6 to 11

Now, on to the Club Picnic! – see Pages 2, 3 and 4



Photos from the Judy Cook Collection

President's Message

Dick Lyons



On behalf of the show committee, I would like to thank all of you who helped us again with our show. We needed additional volunteers to make it a less stressful event for those who did participate. We needed people to **just sit** at the exits and make sure that all of those attending paid the admission donation.

Next year we are hosting the Eastern Federation annual convention. It will be imperative that there will be more volunteers to help with our guests from the federation.

Our annual picnic will be on August 21st at the Camillus Erie Canal Park. Please be aware of the date change. Additional information will be in this newsletter (see following, and Page 4).

A group of club members are planning an **overnight trip to the West Springfield show on Friday, August 12th.** There will be over 200 retail dealers and several more wholesale dealers in a separate building. *Please let Cheryl Brown or me know if you are interested.*

A **group trip** is also being planned for attending the **St. Lawrence Club show on Saturday, August 27th.** *Please let Cheryl Brown know if you are interested.*

Dick Lyons

Secretary's Reports

Charlie Brown

Abbreviated Executive Board Meeting, 7-26-22

A brief meeting was held for informational purposes in place of what would otherwise be a regularly scheduled Executive Board meeting on Tuesday, August 2nd. President Dick Lyons called the meeting to order before the scheduled 7 PM Show Committee 'Lessons Learned Meeting'. Treasurer Mary Davis was not in attendance.

Old / New Business -

- 1) **Webmaster** - Dana Schwartz submitted her resignation at the July Exec. Bd. meeting. The position was advertised in the July newsletter. A GMSS member volunteered. Because of time constraints involved for transferring web-related responsibilities, Cheryl Brown made a *motion that Amanda Lytle be appointed to the position*, seconded by Dick Lyons. Board members were advised of the need to act on the appointment before another scheduled meeting, and an email poll was conducted. Amanda was unanimously appointed by the Board.
- 2) **T.V. Discussion** - the 55-inch TV purchased for use at the July Show should be charged to our Club account and not be an expense charged to our annual Show.
- 3) **Nominating Committee** - Per the July 5th Exec. Bd. meeting, the **revised slate** of individuals intending to run for GMSS **elected office** for 2022-2023 at the **September** meeting election now reads:
 - **President** – John Sweeney
 - **Vice President** – Cathy Patterson
 - **Secretary** - Skylar Haas
 - **Treasurer** - Linda Clark Sweeney
 - **Sergeant at Arms** - Matt Klinger
 As determined by Exec. Bd. vote at the June meeting, **our annual election will be held during the September meeting** with the newly elected officers sworn in and assuming their positions at that meeting. Additional officer nominations may be made at the September meeting before the election balloting takes place.
- 4) **Annual Club Picnic** - President Lyons announced at the July Exec. Bd. meeting that our Annual Club Picnic will be at Erie Canal Park adjacent to the Sims Store Museum, under the covered Pavilion.

Erie Canal Park is located at 5750 Devoe Road, off Rt. 5 and Newport Road in Camillus, NY.

Our **GMSS All Member Annual Picnic will be held on Sunday, August 21st.** Earlier dates in the month had already been reserved by other groups.

Set-up commences at 10 AM with food served at noon.

(Continued on next page)

Based upon member last name, picnic participants are asked to bring:

A-L - desserts

M-Z - salads / savory dishes to go with the hot dogs, hamburgers and sausage provided by the club.

NOTE: Plastic eating utensils, plates, bowls, cups, napkins, ice, trash bags, lemonade, bottled water are club supplied.

Rock Doc plans to attend the picnic and will provide some hands-on participant activities (*see his information in the Events listing, Page 4*– Editor).

Show Committee 'Lessons Learned' Meeting, Tuesday, 7-26-2022

Show Chairperson Cheryl Brown called the well-attended meeting to order immediately after President Lyons finished his abbreviated August Executive Board Informational Meeting

- 1) A 2-sided *2022 Show Reconciliation* sheet was distributed and reviewed. The sheet was broken down into Income, Expenses and Attendance statistics.
- 2) A one-sided Show '*Year-Over-Year Comparison*' sheet was subsequently distributed and reviewed reflecting Show years 2017, 2018, 2019 and 2020. Like the previous sheet, this comparison sheet served to show yearly Income related categories and totals, Expense categories and totals, Net profits, and daily and total attendance figures.
- 3) A few specific income and expense numbers relating to our 2022 Show will require some reconciliation or clarification that will be accomplished when Mary, our Treasurer, returns from her out-of-town vacation.
- 4) Specific topics of discussion during the 2 ½ + hour meeting included:
 - Shoplifting and dealing with it!?
 - Center of Progress PA system issue!
 - How to more effectively publicize hourly door prize winners?
 - Youth Area, another way to announce winners?
 - Advertising Show speakers during the show problem; PA issue again.
 - Show teardown vendor vehicle procedures.

- Metaphysical area, things needing to be physically improved or changed.
 - Exhibits/display cases.
 - Ticket booth and wrist bands.
 - Youth Area operation and staffing.
 - Importance of pre-Show sign-up by our members to permit planning of staffing.
- 5) Following the group discussion, door prizes were awarded, and brownies and chocolate-chip cookies were available.
 - 6) Miscellaneous small-group discussions continued with the last members leaving about 10:30 P.M.

Respectfully submitted,

Charlie Brown

GemWorld Show

I'm sending a huge SHOUT OUT and THANK YOU to all who made our GemWorld show a success! We had 2,522 adults and 269 children come to our show. I have heard many positive comments about the quality of our dealers and just how great the entire show was.

All the display cases were outstanding and very well done. The club booth, youth area, and demonstrators John Sweeney and company, and Linda Boronczyk added so much to the show. The eyes of the security team kept track of potential trouble. There was a lot to do, and everyone stepped up to the challenge.

We are now looking forward to **next year when we will be hosting the Eastern Federation of Mineralogical and Lapidary Societies (EFMLS) annual convention at the same time as our show.** This will be an 'all-hands-on-deck' show. We had a lot of help during the 2022 show, but **we will need even more help next year.** If you weren't able work this year or weren't sure how you could help, stay tuned; there will be lots of information coming about job opportunities.

Our first Show Committee meeting will be September 27th at 7:00 at the Clubhouse.

Usually, we don't start meeting until January or February, but this year we need to begin planning early. Please join us; especially if you are a new member or have never worked at a show and would like more information.

Thanks again! Without your help, we wouldn't have had such a successful show. This is how we keep our club going.
Cheryl

Geo Lexis (Puzzle) By Anne Fitzgerald

"The Games People Play"

From ruthless rulers with checkered pasts, to knights in shining armor, most people on earth have played board games. Playing board games is part of humanity's history. It boggles the mind to think about, but evidence of games can be found as far back as 11,000 years ago and evidence has been documented in the Roman Empire, Ancient Greece, and Ancient Egypt. One of the oldest games found was called Ludus latrunculorum, which might have taken most of the day just to pronounce. Thankfully, the name and the game had shorter versions like lantrucli or latrones, leaving less time to argue about pronunciation and more time for game-playing.

Most games were games of strategy or adventure. Sometimes the games were given as gifts, and sometimes the game pieces were precious stones. When the game pieces were made of emerald, I am guessing there was no shortage of volunteers when the time came to put the game away. In the US, archeologists have found that people played games in the 1800's with much less costly pieces as there was no shortage of gizzard stones. Today, we have mostly plastic or metal pieces, but back in the day, people used all kinds of materials they found in or on the ground. Unscramble the following to find materials that ancient people used as game pieces. If you reach a stalemate, the solution is on Page 5/6 of this newsletter.

yalc

leagan

spali izarul

stonemile

realp

ratzuq

Upcoming Events

Aug. 12-14—WEST SPRINGFIELD, MA: Wholesale & retail show; East Coast Gem, Mineral & Fossil Show produced by LLD Productions, Inc.; Eastern States Expositions, 1305 Memorial Ave; Fri. 10-6, Sat. 10-6, Sun. 10-5; \$10 per person; The largest gem, mineral & fossil show east of Denver. The show features over 250 dealers from around the world & across the United States. Our dealers feature gems, minerals, fossils, meteorites, jewelry gemstone, beads, findings, mineral supplies; contact Laura L. Delano, (941) 223-1351; Email:

MineralShowsLLD@gmail.com; Website:
www.mineralshowsllc.com

Aug. 19-21—LEBANON, PA: Wholesale & retail show; Mid-Atlantic Gem & Mineral Association, LLC; Lebanon PA, 80 Rocherty Rd, Lebanon Valley Expo; Fri. 10-6, Sat. 10-6, Sun. 10-4; \$6 - Children 12 & under free; discount coupon on website; The Mid-Atlantic's premium bead, mineral, gem & jewelry show is a major production in the gem show circuit & an international event with vendors from around the world, both wholesale & retail. Artisans are available to do work on the premises including wire wrapping, stone setting & repairs; contact Teresa Schwab, USdivider, (301) 807-9745; Email: beadware@rcn.com; Website: www.gem-show.com

AUG. 21 – GMSS Club Picnic & Swap Meet – at Erie Canal Park, 5750 Devoe Rd., Camillus; usually 11 am – 3 pm. **Dave Millis:** I have 4 crafts that each take just 30 minutes each. They are “polish a flat rock”, engrave a polished rock, make a crystal shape using mica & scotch tape and two games of Geoclue. Those are the 4 crafts following our picnic. I'll set up the two diamond saws as usual in the morning and geode cutting can be done on the oil-lubricated saw and soapstone can be sliced on the other saw. After lunch you can take that soapstone slice, polish and engrave it. There will be slices available for those who don't wish to cut their own. As usual, the larger geodes are not free. The smallest two sizes are free; the next three sizes are 1, 2, & \$3. **Also, before we eat, we can schedule a craft at 11. Call or text 3053959560 to specify your wish.** The most votes win, but it must be one we did before.

Aug. 27-28—CANTON, NY: Annual show; St. Lawrence Rock & Mineral Club; Canton Pavilion, 90 Lincoln St., 1 Indian Head Trail; Sat. 9-4:30, Sun. 9-3; Adults \$3.00 children 12 < free; Free mineral kits for kids; mineral ID table, Collecting field trip Sat. 9 a.m., mineral craft classes on Sunday, Large Amethyst Cathedral raffle Sunday at 2; contact William F. de Lorraine, (315) 287-4652; Email: wdellie@gmail.com

Aug. 27-28—FREEPORT, NY: Show & sale; Kaleidoscope Gem Shows LLC; Freeport Recreation Center, 130 E. Merrick Rd; Sat. 10-5, Sun. 10-4:30; Adults \$5.50/ \$5 with this ad. Children 12 & under with an adult Free; The show features dealers selling minerals, fossils, gems, jewelry, & beads. Find minerals from other worlds & prehistoric fossils from our own. Select gems & minerals from around the world & handcrafted gold & silver jewelry directly from the artist; contact Evelyn Gose, (631) 271-8411; Email: evelyn_gose@kaleidoscopegemshows.com; Website: kaleidoscopegemshows.com

EAST COAST



Amethyst
Quemeros, Mexico

Watercolor by
Frederick C. Wilda

GEM, MINERAL AND FOSSIL SHOW

August 12, 13, 14, 2022

Better Living Center · Eastern States Exposition
West Springfield, Massachusetts

Show Hours: Fri. & Sat. 10AM to 6PM · Sun. 10AM to 5PM
Admission: \$10.00 · Children 12 and under free with adult · Parking \$

SPECIAL EXHIBIT: Presenting 52 cases of the FRAZIER QUARTZ COLLECTION

Guest Speakers · Air-Conditioned Hall · 200 Dealers
NEWLY EXPANDED WHOLESALE SECTION

LLD PRODUCTIONS, INC., 995 Bass Court, Venice, FL 34293 · MineralShowsLLD@gmail.com · www.MineralShowsLLD.com

This year, we're preparing for the 2022 East Coast Gem, Mineral, and Fossil Show advertising more details on social media. Please visit and join our social media pages for up-to-date details!

Facebook: <https://www.facebook.com/groups/eastcoastgemshow>

Instagram: <https://www.instagram.com/eastcoastmineralshows/>

Twitter: <https://twitter.com/EastLld>

Sept. 3-4—AUGUSTA, ME: Annual show; Kennebec Rocks & Minerals Club; Augusta Armory, 179 Western Ave; Sat. 10-5, Sun. 10-4; \$3; Annual show with a wide variety of vendors selling rock & mineral specimens, fossils, beads, jewelry, gemstones, & unique Maine minerals. Raffles, silent auction, & drawings throughout the day; contact Sharon E Wright

Sept. 9-11—BOWLING GREEN, OH: Annual show; Toledo Gem & Rockhound Club; Pratt Pavilion, Wood County Fairgrounds, 13800 W Poe Rd; Fri. 12-8, Sat. 10-6, Sun. 11-5; \$6 one day, \$12 three-day pass, kids under 12 & Scouts in uniform free; contact Jerri Heer, (419) 344-9999; Email: Jheerx6@gmail.com; Website: Rockyreader.com

Sept. 10-11—NEW MILFORD, CT: Annual show; Danbury Mineralogical Society, Inc; New Milford High School, 388 Danbury Road (Route 7); Sat. 10-5, Sun. 10-4; Admission CASH only: \$5 adults, \$4 seniors & full-time students w/ID. Free

admission for kids 11 & under & Scouts in uniform; 70th Annual Show! Retail & wholesale. Plenty of free parking, & Handicapped accessible. Door prizes, Grand prize, cheap grab bags, club info, display cases, specimen identification; contact Elizabeth Triano, (845) 319-6089; Email: lizziewriter@comcast.net; Website: www.facebook.com/events/1370912340085449

Sept. 17-18—POUGHKEEPSIE, NY: Annual show; Mid-Hudson Valley Gem & Mineral Society, Inc; Golds Gym & Family Sports Center, 258 Titusville Rd; Sat. 10-5, Sun. 10-4; Adults \$5, Seniors/Students \$3, Children under 12 Free with Adult; Show Theme 2022: The Hidden Beauty In Rock. 30 Dealers of minerals, fossils, jewelry, gemstones, meteorites, beads & books. Sluice for minerals. Six free rocks for children. Earth science scavenger hunt for area HS students. Fluorescent mineral booth & Lapidary demo. Exhibit by Vassar College; contact Linda Wuest, (845) 626-7136; Email: garnet327@hvc.rr.com; Website: www.mhvgms.org

With this ad, \$1.00 off General Admission

2022

GEM MINER'S JUBILEE!!

August 19 - 21

LEBANON, PA

**Beads! Findings!
Minerals! Fossils!
Gems & Jewelry!**

THE MID-ATLANTIC'S BEST SHOW

RETAIL AND WHOLESALE EXHIBITORS
BEAD, JEWELRY AND MINERAL RELATED DEMONSTRATIONS
OUTDOOR TAILGATE SECTION & CAMPING
OPEN TO THE PUBLIC ♦ WHOLESALE ROOM

FRIDAY & SATURDAY: 10 A.M. - 6 P.M.

SUNDAY: 10 A.M. - 4 P.M.

\$6 ADMISSION - CHILDREN UNDER 12 FREE



Lebanon Valley Expo Center
80 Rocherty Road
Lebanon, PA 17042

www.gem-show.com
(see website for updates)
(301) 807-9745

Answers to Geo Lexis

- | | |
|----------------|--------------|
| yalc | clay |
| leagan | galena |
| spali izaralul | lapis lazuli |
| stonemile | limestone |
| realp | pearl |
| ratzuq | quartz |

Sources and further reading:

https://en.wikipedia.org/wiki/Ludus_latruncolorum
<https://www.discovermagazine.com/planet-earth/the-ancient-history-of-board-games/>
Bridget Alex

Gizzard Stones or Game Pieces? Charles Goode John Milner Associates, cgoode@johnmilnerassociates.com.
[African Diaspora Archaeology Newsletter Volume 12 Issue 1 March 2009](#)

<https://www.smithsonianmag.com/science-nature/best-board-games-ancient-world-180974094/> Meilan Solly

Gemworld 2022!

Photos by Judy Cook (unless marked "by Mary Davis")



Photo by Mary Davis



Photo by Mary Davis

UKRAINE

Ukraine is the largest country entirely in Europe and the World's 46th largest country, with a total area of 233,012 square miles.

OVER 1000 MINERAL SPECIES OCCUR IN UKRAINE - MANY ARE UNIQUE TO UKRAINE. 1000 MINERAL LOCALITIES IN UKRAINE ARE LISTED BY MINSIDORG.

IMPORTANCE OF UKRAINE'S MINERAL WEALTH

IRON	19,000,000 tons	77th Most in World
BAKINGITE	2,400,000 tons	87th Most in World
MANGANESE	833,000 tons	41st Most in World
FLUORITE	21,000 tons	107th Most in World
URANIUM	13,000 tons	407th Most in World
COBALTUM	8 tons	127th Most in World

Lviv Lava Mountain

LARGEST IRON MINE IN EUROPE

CHALK QUARRY

ROCK SALT DEPOSIT

BLUE TOPAZ

SOY MANUFACTURE

GRAIN HARVESTING IN ODESSA

According to Oleksandr Kharchenko, the managing director of the Energy Research Center in Kyiv, the timing of Russia's military actions, and its choice of territory to conquer, is not a coincidence. The Black Sea is a huge source of natural gas that was originally discovered by the Soviet Union, only to be abandoned when the regime collapsed. At the time of the 2014 Russian annexation of Crimea, Ukraine was in talks with Shell and Chevron to develop substantial Black Sea oil reserves with the goal of weaning Ukraine off imports of Russian oil and natural gas.

In the years just past winter, Russia directed much of its covert intelligence in Ukraine toward sabotaging the country's energy independence ambitions, particularly its hydrocarbon development.

Ukraine was in the process of issuing more approvals to explore in the region when Russia launched its invasion in Feb. 24.



Photo by Mary Davis



Photo by Mary Davis (above)





Photo by Mary Davis



Photo by Mary Davis





Metaphysical Center

Photos by Judy Cook

- Sarina Psychic Medium**
- Cindy Griffith**
- Katrin Nauman, Inner Balance Life Works**
- Morgan's Mystic Impressions**
- Dina Evans, DME Reiki & Wellness Center**



Learning Center Speakers

Photos by Judy Cook

Steve Woodruff - Fabulous Keokuk Geodes


Steve brings his beautiful geodes to our show for purchase and to be cracked open for eyes to see the mystery inside -crystals, minerals, and sometimes even water. Hear firsthand how he mines them at his farm in Missouri.



Morgan of Mystic Impressions showed her attentive audience in the Learning Center how she uses beads and crystals in her practice to scry. She had everyone take a turn at seeing what

outlines or images they were able to determine.

Calvin Prothro gave a fascinating look into the future challenges as America and the rest of the world move toward a Green Energy economy. Ever wonder what is needed for this energy economy? Rocks and Minerals! Where do we find them? Who owns them? Calvin's talk covered these questions and why economic geologists are the key to the survival of America and the world. Calvin has over two decades of multidisciplinary professional environmental and hydrogeologic consulting experience.

- When U.S. companies build computers, weapons systems, electric vehicles, satellites, wind turbines, etc., they rely heavily on a few dozen **"critical minerals"** – many of which are mined and processed almost entirely by other countries.
- Natural disasters, civil unrest, trade disputes and company failures can all disrupt a mineral supply chain and the many products that depend on it – making many critical minerals a national security priority.

- "Sustainable minerals and metals for a low-carbon future" – Science, January 2020

WHAT THE FUTURE IS MADE OF

- The amounts of **lithium, cobalt, graphene, indium and other critical elements and minerals** needed for low-carbon technologies alone are expected to increase anywhere from 100% to 1,000% by 2050.
- These minerals are key to clean energy technologies like **rechargeable batteries, electric vehicles, wind turbines, and solar panels.**
- Globally, **China controls most of the market for processing and refining for cobalt, lithium, rare earths and other critical minerals.**
- Currently, **China controls 87 percent of the global permanent magnet market, which are used in electric motors, defense systems, electronics, and wind turbines.**

-Securing a Made in America Supply Chain for Critical Minerals – Fact Sheet White House Briefing Room - Statements and Releases - February 22, 2022

HOW LONG WILL MINERAL RESOURCES LAST

Expected Lifetimes of Currently Know Ore Reserves (in years)

Metal	World Resources	U.S. Resources
Iron	120	40
Aluminum	330	2
Copper	65	40
Lead	20	40
Zinc	30	25
Gold	30	20
Ptatinum	45	1
Nickel	75	Lesser than 1
Cobalt	50	Lesser than 1
Manganese	70	0
Chromium	75	0

USGS Rare Earths Statistics and Information
https://minerals.usgs.gov/minerals/pubs/commodity/rare_earth/

Stephen Mayer, Eurypterid presentation - Collecting Sea Scorpions in New York and Canada - Stephen discussed the basic morphology and paleoecology of Eurypterids, research that was conducted at a prominent site in central New York and the discovery of a rare and exotic Eurypterid in Ontario, Canada. Stephen Mayer is a Collections Assistant at the Paleontological Research Institute in Ithaca.



Dave Millis, our Rock Doc, gave a "Show and Tell" in the Learning Center of some very interesting specimens. And he gifted all the most grateful attendees with some very nice specimens of their very own.



Exhibit Cases

Photos by Judy Cook



(We'll have more Exhibit Cases next month!)



Gem and Mineral Society of Syracuse
 P.O. Box 2801
 Syracuse, NY 13220
 First Class Mail

Time Dated Material



www.amfed.org www.amfed.org/efms [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.

2021 – 2022 GMSS Officers/Contacts

-President: Dick Lyons 315-672-5328
pres@syracusegemsociety.com

-Vice-President: Kris Boronczyk 315-487-5202
vp@syracusegemsociety.com

-Treasurer: Mary Davis 315-885-4416
treasurergmss@yahoo.com

-Secretary: Charlie Brown
secretary@syracusegemsociety.com

-Jr Rockhounds:
 Rick Moore kidsrock@syracusegemsociety.com

-Membership Chair: members@syracusegemsociety.com

-Sgt at Arms: John Sweeney
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

-Website: Dana Schwartz
webmaster@syracusegemsociety.com

-Facebook: Judy Cook
socialmedia@syracusegemsociety.com

-Photographers Extraordinaire: Judy Cook, Steve Albro

-Hospitality Committee Chair: Mary Davis
 315-885-4416 hospitality@syracusegemsociety.com