



ROCK SOLID

SEPTEMBER 2023 MONTHLY BULLETIN

A non-profit 501(c)3 group founded in March 1956, organized to educate the general public and members' knowledge of Mineralogy, Gems, Jewelry Making, Fossils and related earth sciences.

MEETINGS: The meetings are the first Thursday of each month except June, July, August and December. The Clubs annual holiday party is in December and the annual picnic is in June which includes a silent auction. Visitors are always welcome.

The meetings are at Hope Chapel (formerly Indian Creek Community Church), 12480 Black Bob Road in Olathe, Kansas. Meeting times are from **6:45 to 8:45** and we must be out of the building by 9:00. We meet on the lower level in room **018**. 6:45 to 7 PM is not structured, as member's fellowship and have a raffle. At the end of the raffle anyone who purchased tickets - and did not win anything - can go take one item from the table. The meeting starts at 7 PM followed by the guest speaker. Information is available at our website: olathegemclub.org

DUES: \$10.00 per year for individuals / \$5.00 per year for minors / children under the age of 12 are free. (Due by May meeting, and delinquent by September meeting)

OFFICERS and CHAIRPERSONS 2022 – 2023:

President: Norman Onnen (816)645-1333

Vice President: Vacant

Secretary: Alison Betts (913)962-9584

Treasurer: Barbara Crompton (913)492-6783

Website and Editor: Dan McDaniel (913)963-5357

Membership Chairman: Leslie Hartman (785)380-6016

Field Trip Coordinator: Leslie Hartman (785)380-6016

Field Trip Assistant: Larry Wells (913)787-5138

Programs: Vacant

Librarian and Historian: Norman Onnen (816)645-1333

Gem Show Chairman: Norman Onnen

Raffle: Vacant

Association Delegates: Chet McLaughlin & Mandy Lorenz

Alternate Assoc. Delegates: Larry Wells

PRESIDENTS MESSAGE:

Welcome back summer campers, heat escaping travelers, rockhounds, etc.

OGMS members, guests, visitors. Welcome to our 2023-2024 season/operating year. We are eager to meet once more and look forward to the first session on Thursday, Sep. 7, and to a very special program presentation by OGMS member Tom Tivol. Tom in our past has graciously shared his broad expertise and knowledge about diamonds, gold, antique jewelry, and pearls. We now look forward to the next presentation by Tom - - entitled "Gemstone & Jewelry Appraising... Law & Ethics for 2023". Thank you, Tom, for continuing to increase our knowledge and enthusiasm related to our various rock, gem and jewelry related hobby interests.

COVID Concern(s) - While as of August 13, 2023 Johnson County, Kansas Health Dept. has no alerts concerning COVID, recent reports of a new variant have sparked interest. The new concern, a variant of SARS-CoV-2 (aka as BA.2.86), is being monitored, and while it has been recognized in 2 separate U.S. cases, it has not risen to the level of requiring any new Federal alerts or notices. Still COVID lurks, and as common caution persons experiencing the warning symptoms (runny nose, cough, sore throat, fever, headaches, muscle pain and/or fatigue) are urged to remain at home and away from assemblies. Just a curtesy notice in respect of those who may be vulnerable. Thank you.

Looking forward, our calendar for Sept. 2023 through June 2024

Sept. 7, 2023	OGMS general meeting
Oct. 5, 2023	OGMS general meeting
Nov. 2, 2023	NOTE - THIS GENERAL MEETING IS CANCELLED DUE TO PREPARING FOR THE NOV. 3-5, 2023 GEM AND MINERAL SHOW.
Nov. 3-5, 2023	Gem and Mineral Show at KCI Expo Center
Nov. 16, 2023	OGMS Holiday Party - - in the rotunda outside of room 018 (Details will be forthcoming).
Dec. 2023	NO GENERAL MEETING IN DEC. INSTEAD SEE NOV. 16, 2023 NOTE ABOVE
Jan. 4, 2024	OGMS general meeting
Feb. 1, 2024	OGMS general meeting
Mar. 7, 2024	OGMS general meeting
Mar. 8-10, 2024	Gem and Mineral Show at KCI Expo Center
April 4, 2024	OGMS general meeting
May 2, 2024	OGMS general meeting
June 2024	OGMS Annual picnic (TBD)

A reminder that our general meetings continue to be held on Thursday evenings (starting at 6:45 PM and concluding at 8:45 PM) in room 018 at Hope Chapel, 12480 Black Bob Road, Olathe, KS. Not shown above, but to be added periodically, will be field trips, Board meetings, and special events as, and when, they are scheduled. Visitors and guests are always welcome to our general meetings.

We will continue to hold the raffle at the beginning of our meetings. Members are urged to donate items to the raffle table as the raffle supports the snacks provided at our meetings.

Dues were and are, Due

Club dues are due each May (our operating year runs from May to May). To that end, we announced a contest (a drawing for three members who paid on time in May 2023). At the June picnic we drew three names from those who were current. Winners were Sandy Daum, Julie Luedtke and Sheri McLaughlin. They may pick up their prizes at the next meeting.

As there are some yet to catch up to dues payment, they may do so with Barbara Crompton, the OGMS Treasurer, at the September meeting. Let's help her close this effort ASAP as we must submit our membership information to the Rocky Mountain Federation for our annual report and insurance purposes.

Nov. 3-5, 2023 Gem and Mineral Show

The fall gem and mineral show is scheduled for Nov. 3-5, 2023 at the KCI Expo Center. As in the past it is anticipated that the participating Association clubs will be allowed a certain number of sales tables (to be split among the clubs). The number of tables allowed is expected to be determined soon and that information will be shared with interested club members ASAP. As in the past, it is anticipated that participants will be required to share 10% of their sales total with their respective clubs. This procedure is specific to the Nov. show only, and does not apply to the annual March show. (Note: As stated above, this Nov. 3-5 show takes the place of our first Thursday of Nov. club meeting).

Club Holiday Party

Our OGMS has had a near year-end holiday party for many years. Until last year, these have occurred at members' homes (when we were smaller), and later times at a venue. Last year we held the party at the church where we meet and the occasion received such positive responses that we have this year scheduled our party in a similar fashion for Thursday evening, Nov. 16, 2023, again at the church. (Note that this takes the place of a Dec. meeting/party for the club). Details will be sent out later, however as in the past we will have a partially cost-shared catered meal, and will participate in a small gift exchange.

Help wanted

Our OGMS Bulletin is distributed once a month (except for June, July and August, during the summer, at which time special notices are still distributed when necessary). Our webmaster, Dan McDaniel, also serves as the Bulletin editor and does a great job at this - - but needs help in the form of getting information to edit and place in the Bulletin. As such, we need our OGMS club members to step up and contribute rock and mineral information, jewelry design, travel reports, shop tips, etc. for the Bulletins. We are a large club consisting of members with vast experience, interests and knowledge. Let's share that information freely and often, and help Dan. Any pieces should be sent to him before the last week of each month to be included.

(A club member shared a Bulletin from the Calgary (Canada) Rock and Lapidary Club. This was a 23 page Bulletin (certainly larger than any expectations for most clubs) and appears to have 17 items/articles - - however likely that some were multiple pieces by a single individual. A cautionary note indicated that many entries came from a few individuals, and in apparent shaming attempt, Canadian style, states "Get with it though sluggard". In a further mention of an unsatisfactory situation, they stated that it occurred "due to smugness". Again, assumed to be Canadian humor of sorts) LOL.

Marion John Robinson (aka M. John Robinson)

Our Olathe Gem and Mineral Society, on August 5, 2023, lost an esteemed and longtime club member, valued friend, and staunch supporter of all things related to gems and minerals. M. John, as he was known to all, passed away in Senatobia, Mississippi where he moved recently to be near family members following the death of his wife Julie Robinson in 2022. He is survived by his four children (Terri Massey (Mike) and Kris Robinson (both of Senatobia, MS), Julie Bennett (Christopher) (living in France) and John Robinson (of Madison, MS); a brother Richard Robinson (Raili) of Florida, and five grandchildren. He was preceded in death by Sonja, his first wife of 51 years, and one brother, Michael Robinson.

M. John (or more formerly Dr. M. John) was a PhD Nuclear Engineer who worked and was a partner at Black & Veatch, was a professor at Kansas State University, and served as a consultant for the Nuclear Regulatory Commission to the United Nations advising for the Atomic Energy Commission. He gained interest in gems and minerals later in life by acquiring related equipment and materials from his mother. With that he was gem and minerals self-taught, and became a very accomplished collector, jewelry designer, silversmith and eager teacher to all club members and friends. An early OGMS member, he eagerly served numerous positions over the years, including President, on more than one occasion, and was involved in the Association of Earth Science Clubs of Greater Kansas City (of which OGMS is a member).

His friendship, G&M knowledge, capability and expertise are greatly missed.

Rocky Mountain Federation (RMF) Congress

The Rocky Mountain Federation (RMF) of Mineralogical Societies (of which the Olathe Gem and Mineral Society is a member) held its annual Congress July 14-16, 2023 in Casper, Wyoming in conjunction with the Natrona County Rock Hounds mineral show. Our OGMS was represented by delegates Norm and Connee Onnen. In addition, four other OGMS members attended the show and some participated in the field trips which are typically a part of each show/Congress.

The RMF Congress consisted of RMF Judge's Training (submitted exhibits are judged at these events); the RMF Executive Meeting; the RMF Delegates Meeting (the business sessions of each Congress); the Editor/Webmaster session, and an Awards Banquet at the end of the formal proceedings. Primarily the business functions performed included action of several changes to OP's (Operating Procedures), the submittal of officer and committee reports, the election of officers and committee chairs and the presentation of awards for the various contests (bulletin, website, Rockhound and Club of the year, etc.). A significant action that took place was the determination to lower the requirement of numbers

needed to establish a quorum for the annual Congress - - from 33% to 20% (which was in itself a problem at the 2022 Las Vegas Congress as a quorum could not initially be verified).

Further reporting of the Congress procedures will be posted as soon as the minutes to the event are published.

The future RMF Congress sites are - -

2024 - - Oklahoma City, OK

2025 - - Grand Junction, CO

June 2023 picnic

Our OGMS annual summer picnic was held at Kill Creek Park, Olathe, KS and 37 members and guests attended. This was a pot luck event with the club providing the meat dishes, relishes and table service. The weather cooperated nicely and following the meal we had a silent auction of donated items with the proceeds going to the club operating fund. While we cannot schedule with the county until each Feb., we tentatively plan to establish an early June 2024 date at the same location. Thanks to Dan McDaniel for arranging this event each year, and being one of the master chefs.

Sales/Swap Opportunity

While we (OGMS) typically don't advertise such events in our Bulletin, the item below might immediately interest some of our members in that it provides an opportunity to sell and/or swap, and participate in a live auction, if wanted. The Northwest Arkansas Gem and Mineral Society is a member of the Rocky Mountain Federation (to which the OGMS is a member) and DeLane Cox is a RMF Board member.

All you rockhounds out there.

Northwest Arkansas Gem & Mineral Society is hosting our annual Fall Rock Swap...with a difference this year. We will be holding our Swap for ONE DAY ONLY... Saturday, Sept. 9, from 9 am - 4 pm. Location is still at our clubhouse on State Hiway 43 at the corner of Lawlis Road just north of the Siloam Springs city limits. Come on out and set up your table..it's FREE. Parking for visitors is FREE. No admission charge or dealer set-up fee.

This is a great opportunity for rockhounds with a limited amount of supplies. Just come and set up your table and sell/swap/give it away for our one-day swap.

We will also have our annual live auction. Anyone can put stuff up for sale, just have it entered before 12 noon at the auction tables. (Note: the club will collect a 15 percent commission.) Anyone can sign up for bid cards and bid on things in the auction. And there will be some good stuff this year that the club is auctioning from our excesses.

So, come and sell, or buy, or swap, or just look at lots of pretty rocks, minerals, fossils, jewelry....things rockhounds just love.

Please pass the word along about this Swap. Hope to see you at the Swap!

For more information, contact DeLane Cox, 479-254-0894, or email at: delanec3@earthlink.net

And, an OGMS member(s) opportunity

OGMS member Jeannie Feimster has decided she would like to downsize to some degree and partially “sell her stash” of semi-precious stones, polished stones, various beads, findings, etc. To that end, she has requested permission to bring the items to our Sept. club meeting so as to give OGMS members select dibs. For those interested, she will be putting these and other items in a garage sale 8 AM - 4 PM on Friday, Sept. 1, 2023.

Summer travels and casual tips (suggestions)

Following a trip to Albuquerque, NM I had the opportunity to take a bucket list side excursion to Ghost Ranch near Abiquiu, NM on the way back home to the KC area. Fortunately, this trip occurred just after our June 3 club picnic - - and just before the Ghost Ranch (now a Presbyterian Church retreat and education center open to the public) started up summer programs. As such, while the Ranch was open to early season visitors, it was absent the large groups which populate the site and programs throughout the remainder of the summer. This allowed me to casually visit (and get a private escorted tour of) the famed Coelophysis quarry and museum on the 21,000 acre “ranch”. (This quarry tour during the normal season includes a 2-mile escorted hike for a fee and is restricted access otherwise).

The quarry, discovered in 1947 by George Witiker, resulted in the excavation of *Coelophysis bauri* - - (The Little Dinosaurs of Ghost Ranch” by Edwin H. Colbert), now established as the New Mexico state dinosaur. This little carnivorous dinosaur (no bigger than a large dog) lived before the huge dinosaurs (about 200-million years ago), and in death amassed more than 1,000 (and possibly 10x that amount still remain to be excavated) fossilized remains in this one location. Because of the mass, the most complete fossil of this specimen was able to be assembled in spite of age, geologic deformation, erosion, etc. Huge blocks of the remains have been excavated and reside in major museums in Canada and the U.S. In an act of foresight one very large block was excavated and with extreme effort was transported from the quarry to the ranch common area where an on-site museum was built round the feature, and continues to be systematically processed and prepared for all visitors to witness. It is evident that this preparation is still several years from being complete.

A popular and well-known fact about the Ghost Ranch is that the artist Georgia O’Keeffe spent much of her later years at the ranch, and at nearby Abiquiu where she produced many of her famous landscape paintings and hosted many well-known and famous visitors. A little-known fact is that OGMS member Chet McLaughlin met Georgia and was personally shown around the ranch and area by her. We (the OGMS) need to get an accounting and recollection of that event if possible.

Following the ranch visit, my bucket trip included traveling north up the remote and almost isolated HI Ways 64 and 17 through Chama, NM to Antonito, CO (and ending at Alamosa, NM.) (Beware!!! At Alamosa your vehicle may want to turn west and take you to Creede, CO and the surrounding mountains). This is mentioned as it is a very scenic highway with almost no traffic (or services), you might see and get stopped for the Cumbres and Toltec Scenic RR in operation, and you will go through the Cumbres Pass at 10222 ft. At the pass is a wide space that is often graded to remove falling rock - - and thereby offers a unique opportunity to collect many different types of specimens just beyond the

Jersey barriers. BUT, beware of frequent falling rocks at this location and be ready to move to the safer side of the barriers).

Another trip this summer (and to a place I had never experienced before) was to the Rocky Mountain Federation Congress being held in Casper, WY in mid-July. Deciding to see uncharted areas (at least to me) on the way out, we left I-80 at Ogalala, NE and took the diagonal highway 26 towards Scott's Bluff, NE. This turned out to be very hilly and much more scenic than I had been led to believe, and it followed generally what had been the Oregon and California wagon trails. From a great distance we could see Chimney Peak (a noted landmark to the pioneers) which necessitated a stop to what is a very recently re-built visitor's center/museum. (While the museum is a welcome rest room stop, it is now run by private community residents and the \$8 tour of the museum proper to see mostly reproduction items is hardly worth the cost). Pictures can easily be taken from the parking lot and just outside of the gift shop without doing the museum tour, but beware, the signs indicating rattlesnakes in the area are legitimate warnings.

From there we traveled onward to Scott's Bluff, NE, also very visible from great distance. Unfortunately, we took a wrong turn and passed through town beneath the Bluffs Park (this to be added to a future bucket list trip) and did not experience the view. As such we turned north just west of Scott's Bluff at Mitchell so as to visit Agate Fossil Beds. This is a very important (and very remote) fossil site not only for the fossils quarried there at University and Carnegie Hills, but also now for an addition that includes many very important authentic Indian artifacts - - many accumulated by the original ranch owner James Cook and Chief Red Cloud. The history here is beyond compare. and should not be missed. (Note, that a sign at Mitchell indicates no services for over 50 miles is not an exaggeration, and if a traveler were to pass on through to Harrison, NE, or to turn back, it is that much further - - and for the most part there is no cell phone service/connection).

From there to Casper was, for the most part, uneventful - but very scenic, with the exception that we saw a 23-car train derailment near Lusk, WY, and we saw a herd of wild horses (a beautiful sight). The train derailment was interesting in that it stopped rail traffic both ways for many miles. This is the main line out of the Powder River Basin WY coal fields, which must be the largest man-made hole in the earth this side of the copper fields of Utah. Some of the stranded coal trains were over 4-miles long (and there were many of them), and there has been reported that a longest train of over 400 cars has occurred. So much for capturing carbon emissions.

Summer OGMS activity

An OGMS member sliced a fist sized nodule for a want-to-be very young rock hound from the rural Louisburg, KS area. The young collector wanted this to be a geode, but it turned out to be a flint/chert nodule from around the Manhattan, KS area and while this piece was very attractive it resembled a nice example of Mozarkite - the state rock of Missouri. (BTW, the state rock of Kansas is limestone).

Another club member helped teach a summer camp youth group about rocks, and the history of the Legler Barn. (Did you know that the Legler barn, now a museum in Lenexa, was constructed soon after the civil war of limestone from a quarry where Oak Park Mall now stands? This barn in the mid-1900's was dismantled, the pieces numbered, stored in a cave, and then re-assembled at its present location as a museum reflecting Lenexa and area history. It's hard to visualize a quarry at 95th and Quivira today.

FIELD TRIPS:

September Field Trip

Date: September 16, 2023

Meeting place: HOLLIDAY DRIVE/I435

Time: 10am- until you leave

Materials: Fossils

Location Information:

No Metal detecting at this location

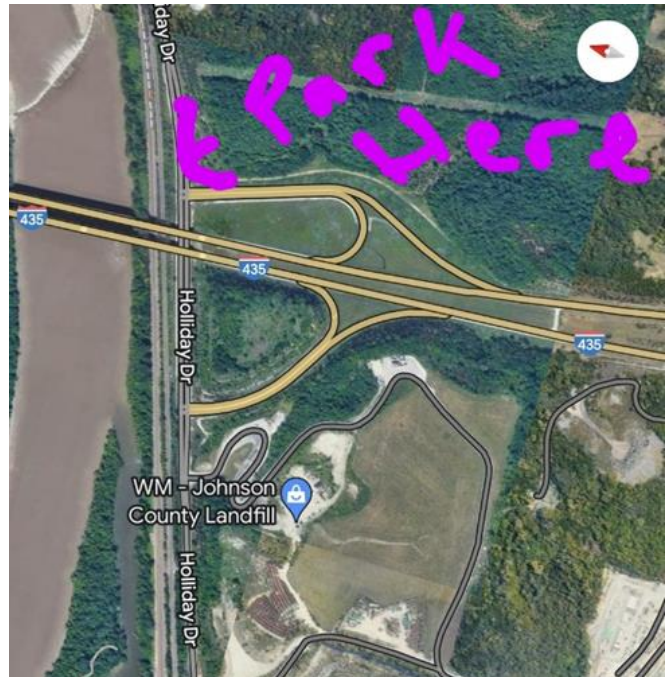
Rock hammers, garden shovels, and something to carry your finds.

Boots preferred.

Climbing involved in some areas if you want to but there are other areas you do not need to climb.

I haven't gotten ticks at this location yet but have bug spray just in case. Haven't seen snakes yet either.

Let me know if you are coming by September 14, 2023



October Field Trip

Date: October 21, 2023

Meeting place: Odell Gas Station 201 Perry St Odell, NE 68415

Time: 10am-4pm with lunch break at Diamond Lake second location

First location: Hwy 8 NE on the side of the road.

Materials: Fossils, quartz, quartz with amethyst. Quartz with Amethyst is harder to find.

Can metal detect just this part of the hillside.

Garden shovels, regular shovels, gloves, or anything you use to dig. No power tools needed. The holes MUST be filled back in.

LUNCH: At Diamond Lake

Can bring chairs to sit and eat.

Second location: Diamond Lake

Materials: Will find Barite diamond shapes but sometimes can form rose shape.

Can not metal detect at this location.

This spot requires walking for 1 mile to the location and 1 mile back to your vehicle.

All the diamonds are just laying around. You can use a garden shovel to dig and shift through the red dirt to find more diamonds. No power tools needed.

NOTE: If you cannot walk 2 miles to the second location you can stay at the first location without the group until you are done. Also, when you are at the second location you can leave at any time.

I have worn tennis shoes at both locations but for stability I would recommend boots.

On the second, I got ticks when visiting in June so bug spray would be good. I have not come across any snakes in the years I have been there but still keep an eye out.

Let me know if you are coming by October 16, 2023

Any other questions or comments please contact me at hartman.12345@hotmail.com

If you have any ideas for a field trip, please let me know by email or text hartman.12345@hotmail.com or 785-380-6016. Lesliee.

NEWS, VIEWS AND REVIEWS

Jade site experiences landslide disaster

On Aug.13, 2023 a landslide occurred at the remote mountainous northern Hpakant, Myanmar jade mine that left at least 34 people missing when they were swept into a lake. This mine is essentially the primary source of prized jadeite that eventually makes it way to China. (Source: Associated Press). The area has long been surface and subsurface mined for the material with many of the participants being individuals who illegally scavenge tailings, etc. for a piece of the prize.

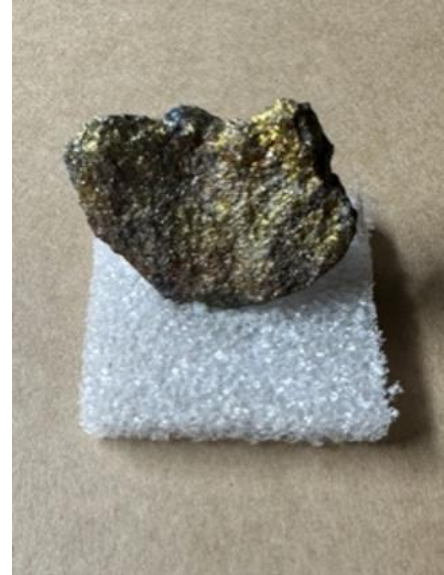
This jadeite assumed the role of preferred “jade” (over nephrite) once it was discovered and determined to be superior to the material that had been collected and processed for hundreds of years from the far western area of what is now China. An interesting read of the history of jade (jadeite and nephrite) is “The Stone of Heaven, Unearthing the Secret History of Imperial Green Jade”, Adrian Levy and Cathy Scottt-Clark, Little, Brown and Co., 2001. N. Onnen

Peacock Ore (Chalcopyrite and Bornite)

A favorite specimen for the casual collector is the colorful Peacock ore (most popular only slightly behind Bizmuth). But, unlike Bizmuth, which is seldom recognized by the novice as being man-made, Peacock ore is also at times man-made or enhanced, that fact revealed when understanding the

Bornite (Peacock Ore, Mexico)

difference between chalcopyrite and bornite. Both are copper iron sulfide (bornite is CuFeS_4 with an isometric system, and chalcopyrite is CuFeS_2 with a tetragonal system). The non-technical difference, to the general rockhound is that bornite after being exposed to the elements for a period of time will tarnish, while chalcopyrite retains its original peacock colors. Treating bornite by methods that may include heating can return bornite to its freshly exposed vibrant metallic colors - thus the feeling that bornite is considered man-made by some. N. Onnen



Ultrasonic Cleaner Caution

If you use an ultrasonic cleaner, never use it for opals, pearls, aventurine, sunstone, malachite, tanzanite, and most emeralds. It can damage these stones and any stone that has cleavage cracks, numerous inclusions, or fractures. (Source: Gem Identification; Matlins, Antoinette and Bonanno, A. C.).

Gastornis, Otzi the Iceman, and the Hastings, NE museum of Natural and Cultural History, etc.

What does Gastornis (a 7-foot-tall extinct flightless bird from 61 million years ago) at the Tate Museum

in Casper, WY, the replica of Oetzi the Iceman (who lived 5,000 years ago and found in 1991 in the Italian Alps), and the spectacular fossil sculptures in the Hastings, NE museum have in common? All are the work of KC area (actually Kearney, MO) award winning paleo-sculptor Gary Staab. Gastornis was dedicated in Oct. 2022 and the work on Otzi was completed in 2015, accomplishing "the most difficult task" he ever worked on. A native of Grand Island, NE, Gary's early work included multiple pieces for the prestigious Hastings, NE community museum.

Gary who has shown his work in a working exhibit at

the KC Gem and Mineral show the past three years and is confirmed to be at the KC show again in March 2024.

South Tyrol Museum, Italy



Gastornis at Tate Museum Casper, WY



(Note: Gary Staab will be featured in February 2024 at the Tucson Gem and Mineral Show. He is scheduled to be positioned in a working display/exhibit at the Mineral & Fossil Marketplace, 1333 N. Oracle Rd., Tucson, AZ 85705. All OGMS members are urged to stop by and visit. The Marketplace is also the home of the semi-permanent display of the Black Hills Institute.) N. Onnen

ETC.

Apparently focusing on rock collectors, the following —

Two is a coincidence, and three constitutes a collection. (From “The Wonderful World of Fluorescents”).

A Cautionary Tale -

A man did pan beside a stream
But wasn't satisfied
He thought the soil much richer looked
Upon the other side.
Felt bold and told his friends that he
Would try to cross the stream
“Who knows, the other side may hold
Some nuggets or a seam!”
“It's wide!” they cried, “the currents fast”,
“You'll drown as sure as eggs!”
He gave a grin and waded in

"What rot! It's not too wide or fast",
"I'll get across you'll see".
He got a cross....of pure white quartz
Poor fella!.... R.I.P.

The Canterbury Mineral and Lapidary Club, Inc.
Christchurch, New Zealand

UPCOMING EVENTS

Upcoming Events and Shows

If you have interest in any of the shows listed here, please check the status of the shows and promoter notices. (For a more complete regional and national listing through Dec. 2023, visit [ROCKNGEM.COM](https://www.rockngem.com))

Sep 1, 7 – Jeannie Feimster (Selling my Stash garage sale), (See item in Bulletin above).

Sep 7 – OGMS monthly club meeting: 6:45 - 8:45 PM

Sep 9 – NW Arkansas Gem & Mineral Society Fall Rock Swap, Sale and Auction. (See item in Bulletin above).

Sep 15 – 17 – Mozarkite Society Annual Show; Lincoln MO at Lincoln City Park

Sep 22 – 24 – Geode Fest, Keokuk, Iowa. Registration and collected items fees apply.
<https://keokukiowatourism.org/wp-content/uploads/2023/07/2023-Geode-Fest-Schedule.pdf>

Sep 22 – 24 – Tri-State Gem and Mineral Show; Joplin, MO; Joplin Historical & Mineral Museum

Sep 30 - Oct 1 – Omaha Gem and Mineral Show; UNO Scott Conference Center, Omaha, NE

Oct 5 – OGMS monthly club meeting: 6:45 - 8:45 PM

Oct 8, 9 – Topeka Gem and Mineral Show; Topeka, KS <https://www.topekagms.org/show.html>

Oct 20 - 22 – National Fossil Exposition (Mid America Paleontology Society (MAPS)); Springfield, IL

Nov. 3 - 5 – Gem and Mineral Show at KCI Expo Center

Nov. 16 – OGMS Holiday Party - - in the rotunda outside of room 018 (Details will be forthcoming).

Feb 8 – 11, 2024 – The 69th Annual Tucson Gem and Mineral Show will feature “Pegmatites; Crystals Big and Beautiful”. Tucson Convention Center.