



# DAISY MOUNTAIN ROCKCHIPS

The purpose of Daisy Mountain Rock & Mineral Club is to promote and further an interest in geology, mineralogy, and lapidary arts, through education, field experiences, public service, and friendship.

VOLUME 8, ISSUE 1

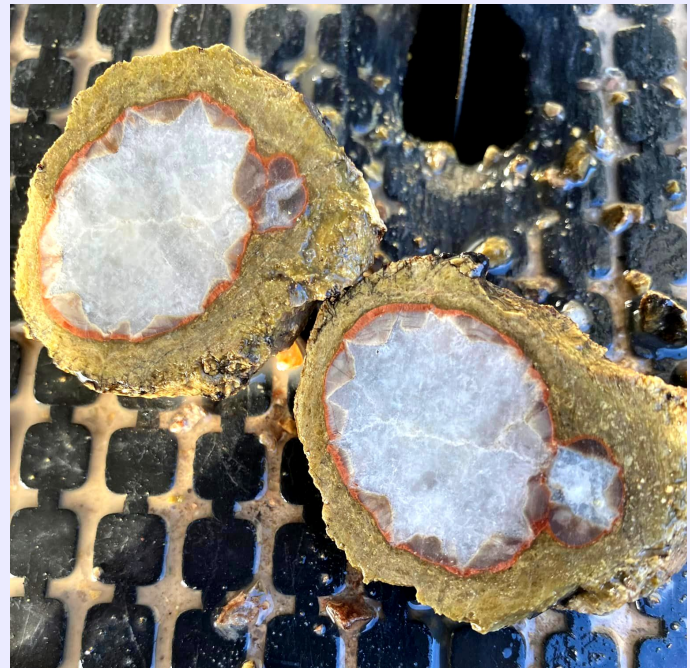
JANUARY 2023



Very cool mushroom rhyolite! Find and photo by Bill Freese



Fabulous quartz crystal-lined geode.  
Find by Marilee Edwards; Photo by Chuck Stulz



Great quartz-filled nodule, with sought-after bright red accent. Find and photo by Tom Sherwood.

**Editor's choice of Facebook photos of finds from the trip to the club's Mushroom Rhyolite Claim.**



# PAPAGOITE

By Susan Celestian

Papagoite was discovered in 1960 in the New Cornelia Mine at Ajo, Arizona, the type locality. It's name comes from the European name for the Tohono O'odham Native Americans — Papago. In fact, Ajo is the only North American locality known. It has since been found in South Africa and Namibia. See Figures 1 and 2.

**Chemical Formula** - CaCu[H<sub>3</sub>AlSi<sub>2</sub>O<sub>9</sub>]

**Crystal System** - Monoclinic

**Growth Forms/Habits** - Massive, long slender crystals

**Hardness** - 5--5.5

**Luster** - Vitreous to dull

**Streak** - Light blue

**Color** - Dark to light blue

**Diaphaneity** - Translucent, transparent

**Specific Gravity** - 3.25

**Cleavage** - One imperfect direction

**Fractures** - Conchoidal to uneven



**FIGURE 1 PAPAGOITE** This Ajo specimen exhibits a coating of vibrant blue papagoite.

Photo by Stan Celestian

**FIGURE 2 PAPAGOITE IN QUARTZ**

This specimen, from Transvaal, South Africa, is a lovely papagoite-included quartz crystal. Photo by James St John and licensed under [CC BY 2.0](https://creativecommons.org/licenses/by/2.0/)



March is just even closer .....

## THE DMRMC GEM AND MINERAL SHOW!!

**March 11-12**

**Anthem School**

*And the club needs your help*

- \* Tom Edwards, Vendor Chair, is busy signing up vendors. If you have any suggestions, contact Tom at: (603) 679-8506 or t59edwards@gmail.com.
- \* **VOLUNTEER:** There are many areas that need the help of volunteers. And not all demand more than a couple of hours commitment. A successful show is one with the enthusiastic participation of club members. Claudia will be signing people up at the February meeting.

**Volunteer opportunities include:**

- \* Set up on Friday (March 10)
- \* Kids' Corner
- \* Club Rock/Mineral Sales
- \* Greeters-Ticket sellers
- \* Raffle
- \* Security (just be a presence with a club shirt, eyes alert)
- \* Hawker of hot dogs
- \* Helping vendors set up/take down
- \* Take down on Sunday afternoon

All volunteers will get a free special T-shirt — so sign up before it is too late!

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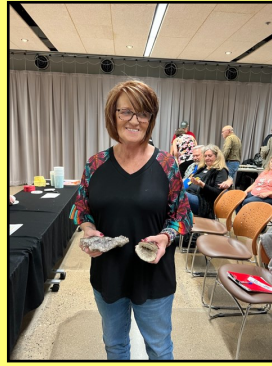
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# SHOW, SOCIALIZE, SHARE, SWAP, SELL

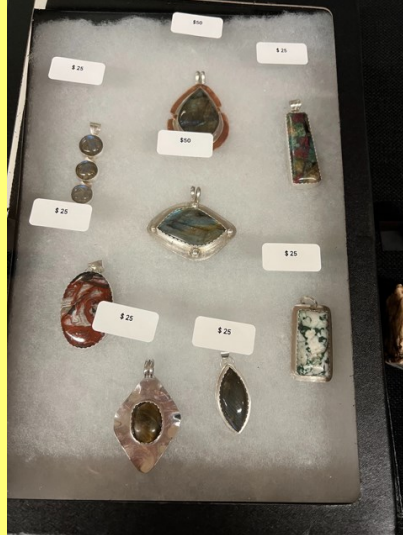
*Text by Susan Celestian; Photos by Nancy Gallagher*

January's meeting was the annual club Show-Tell-Sell-Share format. In lieu of a speaker, members were encouraged to bring in rock/mineral-related items they had collected, created, or had to sell. Some just displayed for show-and-tell; some had items to sell; others had things to give away. I forgot to count, but there must have been at least 10 individuals/couples that set up tables. I think it was the best event ever! (I should have taken more pictures) Lots of great conversation and socializing echoed throughout the room.

I encourage you to consider participating as a "vendor" next year!



The ever-popular raffle always makes folks happy!



Bill Smardo donated some of his beautifully polished petrified wood to the Silent Auction.



The club is full of avid rockhounds, who love to show their finds; talented, creative people; the geologically entrepreneurial; and

Sharing continued on page 4....

...Sharing continued from page 3

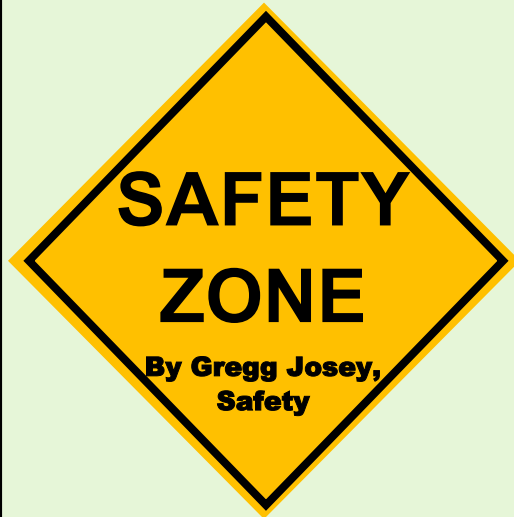


It was practically standing room only, there were so many members in attendance!  
Fabulous!!



There is a lot of treasure in them thar hills. Pieces o' Earth, for pieces o' eight.





## **RATTLESNAKE SAFETY**

February safety focus will be on rattlesnake awareness. Our safety presentation at February's general DMRMC meeting will be Brian with Rattlesnake Solutions. Rattlesnake Solutions believe the best way to resolve any snake situation is with education.

### **What do you do if you see a rattlesnake, while you are out rock collecting?**

Even if you knew how to avoid rattlesnakes, you can never completely eliminate the chance of encountering one. Sometimes there is simply no way to spot a snake under a rock, a bush, or around a corner. If you do happen upon one or hear a rattle nearby, this is what to do in case of a rattlesnake encounter when rock collecting.

- 1) Don't move. Evaluate the situation.
- 2) Figure out from where the rattle is coming. If you can't see the snake, try to find the general direction of the sound. This is absolutely essential. You don't want to accidentally move toward the snake and make it feel threatened even more.
- 3) Slowly back away. When you know where the snake is, slowly and quietly move away. Don't make any sudden movement that might trigger a strike. If you have a walking stick or trekking poles, keep the stick or poles between you and the snake.
- 4) Never provoke the rattlesnake. Leave the snake alone!

**What to do if bitten by a rattlesnake?** If you have the misfortune of being bitten by a rattlesnake, there are a number of things to do and not to do. This is a serious situation and you and you don't want to make things worse by being misinformed or worse not informed at all.

### **Do**

Stay calm! This is the most important thing to do after a rattlesnake bite. Move as little as possible. Snake venom spreads slowly throughout the body. Keep your heart rate down, to prevent the venom from spreading faster.

Wash the bite area with soap and water, if possible.

Immobilize the bite area.

Remove things like rings, watches and tight clothing to allow the swelling to happen.

Keep the bite area below the heart.

Call 911 or get to the hospital ASAP.

### **Don't**

Don't cut into or near the bite wound.

Don't put ice on the wound.

Don't restrict blood flow with a tourniquet, bandages, or other constrictions.

Never try to suck the venom out with your mouth or any other suction device.

*Rattlesnakes are not aggressive. Their first line of defense is to be stealthy and hide.*

Be prepared, and hope to see you at the general meeting.

## TWO-WAY RADIOS A MUST FOR SAFE OFFROAD WANDERING

By Bill Powell

*Editor's note: This month we introduce a new column. I'm so excited!*



(walkie-talkie) units, and are all you need to communicate. Additional accessories can increase the utility of all radios.

This article focuses on GMRS radios, because they provide many capabilities the other types do not. GMRS radios are flexible, have higher power, and can communicate over many miles, using technology not available in other radio types. GMRS radios can communicate using the same frequencies as FRS radios, but they have additional frequencies to give users the ability to communicate with someone who may be able to help in emergency situations. To be legal, a license is required to operate GMRS radios. However, there is no test to obtain a license. You pay a fee (currently \$35), and you have a license for 10 years. And anyone in your family can legally use the radio.

Federal Communications Commission (FCC) regulations exist for all types of radios. CB, FRS, and MURS regulations are far less stringent than GMRS, but GMRS rules are easy to follow. Amateur Radio regulations are much more complex.

After getting a license, the most important consideration for GMRS radio use is getting a radio. There are plenty of pitfalls in just going to a big box store or shopping Amazon/eBay for radios. Buyer beware of the claims on the packages. There is little truth in advertising or package labeling. FCC-approved, radios are the best choice for those who wish to use any radio service.

Using the radios is straightforward, once the radios are configured. Configuration may seem complex, however it is not too difficult once you set a radio up for use a couple times. And it usually needs to be done only once.

I highly recommend GMRS radios for rockhounding activities. They perform better in the situations you will encounter in remote areas, and they have capabilities useful in situations other than rockhounding. If you are interested in learning more about communication options, please let me know and I will try to help. My email is [wrpowell2002@yahoo.com](mailto:wrpowell2002@yahoo.com).

The Safety Zone guidance by Gregg Josey in the December issue of the Rock Chips is very sound advice for those going into the desert to gather treasures or for other excursions, especially if you travel by yourself or in a small group. I would add a couple items to the list for extra safety and security: a first aid kit and a two-way radio, in case there is no cell tower reachable. Unfortunately, in our area some self-protection might be desired, but that is best left for another forum.

First aid kits to carry in your car or truck are readily available. Most come with items which will be helpful in emergencies. Amazon or Walmart offer wide selections of kits.

Two-way radios are available in many different varieties, but unless you are well-versed, the radios you select may not perform very well. Options include, but not limited to: Citizens Band (CB), Family Radio Service (FRS), General Mobile Radio Service (GMRS), and Multi-Use Radio Service (MURS). Amateur Radio, satellite phones and emergency beacons are also possibilities, but their cost is substantially higher than the other options. All these types of radios have relatively small battery-powered handheld

## LAPIDARY CORNER

By Johanna Raupe

*Editor's note: This month we introduce **another** new column. I'm doubly excited!*

### Cleaning Up Your Rock Slabs Post-Cutting

*Special supplies you will need:*

*Clay based kitty litter (cheapest brand) – generally, you can find this at your local supermarket*

*Tubs or polymer containers to hold your oily rock slabs*

*Dawn dish soap*

With the exception of a few select rocks and special trim saws, the majority of lapidary saws use mineral oil as a lubricant and blade coolant for reducing or eliminating heat, friction, warping, expansion and eventual blade wear. I have been in many a conversation about cleaning this lubricant off the individual slabs post-cutting and the difficulties that individuals are having. Inevitably, someone will ask the question, "How do you get the oil off of your rocks after you cut them?" Hence this article. (For the purposes of this article, I will not go into the specifics for why Mineral Oil and not another lubricant).

The rock and the resultant slabs from the cutting process will be coated in mineral oil. Even hard impervious agate material will still have a film of mineral oil left on it after the cutting process. Before attempting to wash the slabs in soap and water, one needs to minimize or eliminate the oil left on the surface of the rock, to where it is barely noticeable, if at all.

Take a small container that will hold all of the slabs from the particular rock that you are cutting, and place a thin layer of kitty litter, enough to cover the bottom of the container. As the slabs come off the saw, lay them flat on the kitty litter. Arrange the slabs like a puzzle across the bottom of the container. Sprinkle a layer of kitty litter over the top of each oily slab, in preparation for the next layer of slabs. At the end of the cutting, sprinkle a layer of kitty litter across the last layer of slabs. Push the container aside and let it sit for a day or two. See Figures 1-2.

After a day or two, remove the slabs from the kitty

litter. Do not discard the kitty litter. The slabs will be dry and chalky looking from the clay dust. Wash the slabs in warm water and Dawn dish soap. Lay the slabs out on an old dishtowel or other material to air dry.

You may use the kitty litter until it will no longer absorb the oil. Set the spent kitty litter aside for a future article on recycling the spent kitty litter.

As a side note, when I am cutting rocks, I cut all or most of one rock before I move onto the next. However, in a given day, depending on the size of the rocks, I may cut three or even four different rocks. To help with organization, I personally save non-foam used plastic/polymer food containers such as restaurant take away carriers (salad and meal). I use these as small staging and oil cleaning bins to save the slabs of a given rock together. The larger containers are used for the slabs from larger rocks. Nevertheless, you can use any polymer container out of which the oil will not be able to leak -- even a small cardboard box with a garbage liner for pre-cleaning your slabs.

Until next month, Happy Rockhounding



FIGURE 1 Restaurant Take Away Container



FIGURE 2 Take Away container with slabs covered in kitty litter. Photos by Johanna Raupe

**ZOOM BOARD MEETING MINUTES****January 2 , 2023**

No board minutes this month.

**GENERAL MEETING MINUTES****January 3, 202**

- Bill F. called the meeting to order
- Happy New Year to all!
- We all wish Ed W. a speedy recover
- January meeting was a special meeting
  - Swap and Sale with other members
    - It is like the club's exclusive show
    - There are many talented members that got to show off their work
    - The club likes to do this once a year
- Robin S. talked about the raffle for the meetings
  - Free red ticket for coming, 2 if you wear your nametag
    - There are free prizes to choose from
  - Blue tickets = \$1/ticket
    - There are amazing geology related items to raffle for
      - Put your tickets in the bucket/s of your choice
      - These are nicer prizes than the freebies
- The club welcomes all the newcomers!
  - Came from fellow rockhounds, social media, online search, and a member of a mineral museum
  - Get your nametags from Tiffany P. so we can get to know you
- Deanne G. talked about the financials
  - The year finished with a net income
    - Most of the profit comes from the show proceeds
  - Club is in good standing for the month and year
- The claim's committee was discussed
  - Thank you, Jeff B., for volunteering to be the chair of the committee!
  - The next trip to the club's claim will be members only
    - Other clubs will not be allowed until a later date
- Bill F. talked about the field trips
  - A new tip jar was made
    - This is used instead of charging for field trips
      - It helps reimburse the scout leader for gas/time
    - It is voluntary, but greatly appreciated
  - 4x4 vehicles are important for most field trips
    - Please try to stay together driving into sites
  - The Christmas party was the special meeting last month
    - Everyone had a great time
  - Thank you to those who helped repair the road up to Chilito mine
    - It is now passable (unless more rain damages it)
    - Will try to make a trip in January



...Minutes continued from page 7

- There is space out there for numerous cars
  - Please RSVP to field trip emails before arriving
    - This is for your safety as well
  - Saturday January 24<sup>th</sup> - club day to Quartzite show
    - Please go out to support fellow clubs
  - Saturday 28<sup>th</sup> trip is postponed
  - Always check your emails for details and updates to field trips
- Claudia M. discussed the promotional items and 2023 club show
  - The 2023 DMRMC show will be March 10-12
    - Next month we will begin signing volunteers up
      - A free tshirt will be provided by the club for volunteering
    - The high school was unavailable for that weekend
      - Will be at the elementary school again
        - Last year it was at this location
        - Some vendors did not like being outside, some did
  - Tshirts are available for sale at the general meeting
    - Will have more at the club show
  - Bumper stickers are available
  - Keychains are available
  - Stickers are available
- January had a silent auction
  - See items on the table at meetings and auction for them
  - These items are of higher value than the raffle prizes
- Tiffany P. discussed membership
  - She is also available to help with any club issues you may have
  - The membership is standing at 207 as of 1/2/23
    - This may include more than one person per membership
- Gregg J. talked about the safety committee
  - Will have whistles to give out for next field trip
    - These are yours to keep
    - Please bring to all field trips in case you get separated from the crowd
  - Thank you to Sue C. for adding the safety articles to the newsletter
    - Gregg will try to add at least 1 article a month
  - Previous months tip – prepare for your trip
    - Bring food, water, proper clothing, sunscreen, etc.
  - Next month's presentation will be safety focused
    - Live snakes will be present – you have been warned!
- There will not be a wire wrapping class for January
  - Sorry for the inconvenience
  - The class should be starting soon, check emails for updates

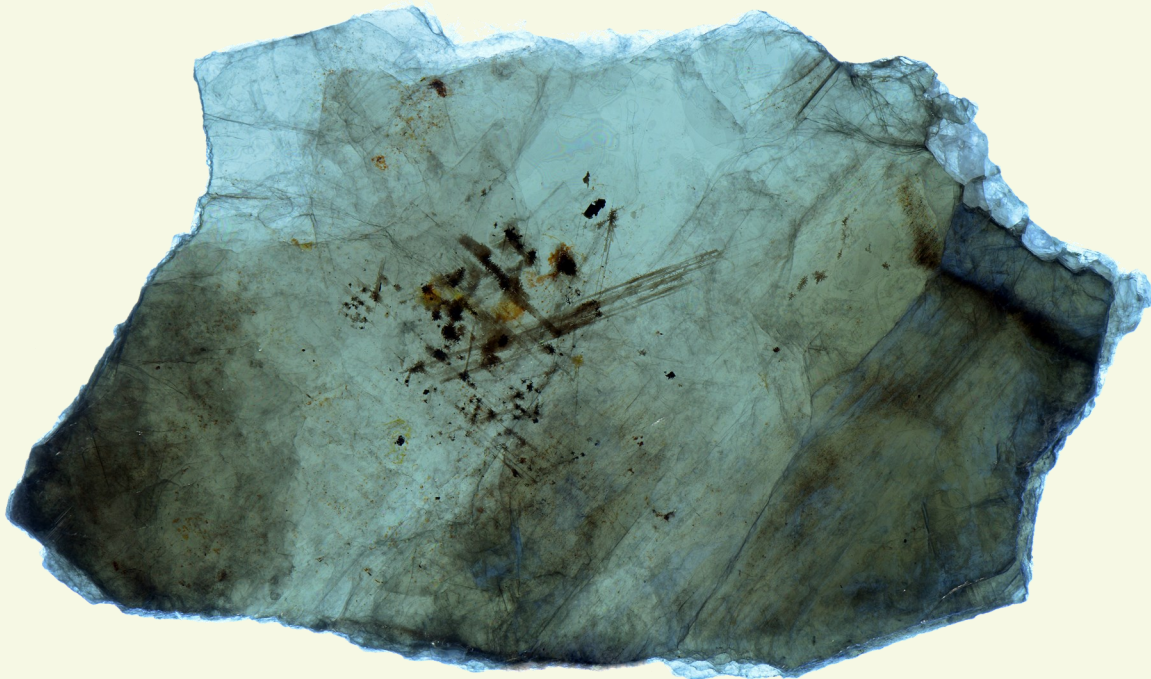
Minutes continued on page 9....

...Minutes continued from page 8

- Bill F. discussed the upcoming programs
  - Youth program – coming soon
  - Club guides – LOOK FOR A GREEN BUTTON
    - These are special people who know the club well
      - They help guide other members to the proper resource
    - Thank you, Robin S., for volunteering as a guide
- The raffle was presented by Robin S. and Deanne G.
  - Made the club \$157
- The silent auction was near the end of the meeting
  - Made the club \$271
- Always remember to wear your nametag to club events!

Respectfully submitted,

Rebecca Slosarik



Muscovite Mica with aligned inclusions of Hematite. Buckeye Hills, Maricopa Co., AZ

*Photo by Stan Celestian*

# FIELD TRIP TO MUSHROOM RHYOLITE

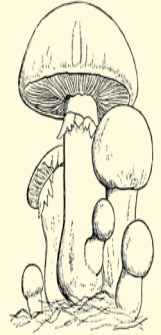
## Saturday, January 7, 2023

*Photos and text by Bill Freese*

Hey Everyone, DMRMC had its first trip to our NEW claim on Saturday. It is an area with Mushroom Rhyolite, Chalcedony and many other rocks and minerals. Another first is that we had 56 people and 30 vehicles, which is our largest trip ever. It did not go exactly as planned, because the tank area that we have to cross was flooded by rains over a week ago. Two weeks ago it was dry! We still managed to find plenty of good specimens on the north side of the tank area. A small group took a back route that was 4x4 only and were able to get to the claim by hiking the last part. Most of my pics were from that group. Check out the pics on the website, from Tom Sherwood and others, to see more of what folks found. It was all good!



...Field Trips continued from page 10



Obsidian too



FOR MORE PHOTOS OF THIS TRIP, CHECK OUT THE [DMRMC FACEBOOK PAGE](#)

Field Trips continued on page 12...

...Field Trips continued from page 11

# FIELD TRIP TO QUARTZSITE SHOWS

## Saturday, January 21, 2023

Photos and text by Bill Freese

Hey rockhounds, the DMRMC had their club day at Quartzsite on Saturday and it was a fun day. There was about a dozen folks that got together just to hang out at the Quartzsite shows. Everyone I checked on had found some great deals and special pieces to take home. You could even get drums full of material. I spent way too much but it is fun anyhow.

The hunt begins!@



The Pow Wow, Desert Gardens, and Tyson Wells are great for a treasure hunt — especially for lapidary slabs and rough. However you will find minerals, jewelry, artifacts, fossil shark teeth and other fossils, meteorites, tools, and more. AND you'll get in those 10,000 steps!



FOR MORE PHOTOS OF THIS TRIP, CHECK OUT THE [DMRMC FACEBOOK PAGE](#)

"Ocean waves" of chalcedony

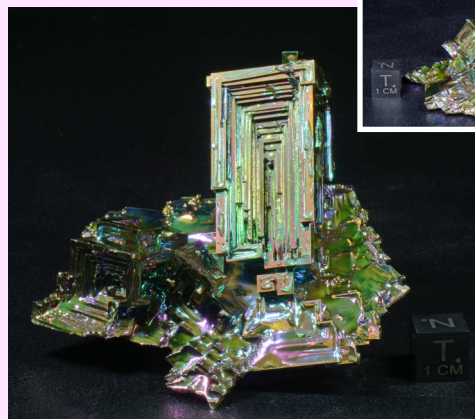
# FEBRUARY SILENT AUCTION ITEMS

*Photos by Stan Celestian*



A SUPER specimen of Vanadinite, of course its from Morocco. (Morocco has everything.) These large crystals are sprinkled over the matrix, not too many to crowd their shape and not too few so that the matrix dominates the specimen. Just the right amount on this very special specimen. This awesome specimen is about 4.7 inches wide.

The minerals pictured on this and the next page will be offered at the Silent Auction. I'm sure there will additional items donated the night of the meeting.



Not exactly a mineral, this Bismuth crystal was "home grown" by some alchemist at the Quartzsite Show. It has great oxidation colors and a super hopper shape, with beautiful architecturally implicative crystal forms. The 1 cm cube provides the scale of this specimen.

AND, drum roll....., for the Grand Finale is a beautiful and large geode from, you guessed it, Morocco. This thing is a beast! It is about 8 inches long (when the sections are reassembled) and weighs in at about 8 pounds. I'm thinking this would make a great wrapper for a small gift you could place inside. Just think of the possibilities... An 8 pound package that is split open to reveal a little Hersey's Kiss or even a colorful m&m. And, it can be used over and over, and over. It is a gift that just keeps on giving.

*Silent Auction continued on page 1....*

...Silent Auction continued from page 13



Amethyst Cathedral., from Uruguay This one stands at about 4 inches tall. The close up view shows the great color of the crystals. Simply stunning!



Little Amethyst Cathedrals, from Uruguay. Who knew they came in this size (1 cm cube for scale). Small, but great purple saturation.



Native Copper from the Upper Peninsula of Michigan, yep the Yooper. This bad boy is just over 4 inches wide and weighs about 11 ounces. Wire wrap anyone?

Bring plenty of **cash or checks (Tiffany can probably take a credit card)** to bid on these items. Observe proper silent auction etiquette. Write your name so that I can read it (or print clearly, no initials). Write your name and bid amount below the last bidder's bid. No arrows pointing to your previous, but revised bid. The highest bidder and amount should be on the bottom of the bidding sheet. Also, **HAVE FUN!** (PLEASE, no crying if you lose, and that goes for the ladies too.)

# GEO MINI ROCK HOLIDAYS

By Susan Celestian

I was perusing a *Rock and Gem* the other day, and DID YOU KNOW .....there are 13 rock-related holidays?

## OLD ROCK DAY - JANUARY 7



We've missed that one, but there is always next year, to contemplate the age of the Earth and appreciate early geologists



## NATIONAL JEWEL DAY - MARCH 13

Wear your best jewelry, and gift jewelry to special people in your life.

## GEOLOGISTS DAY - APRIL 2

Thank you geologists!



## EARTH DAY = APRIL 22

Celebrate Earth's treasures.

## NICKEL DAY - MAY 16

Yay Ni! (The nickel industry must have a great lobbyist!)



## DINOSAUR DAYS - MAY 15 & JUNE 1

When don't we celebrate dinosaurs?!

## NATIONAL CAVES & KARST DAY - JUNE 6



Speleothems!

And 40% of drinking water in U.S. is from karst aquifers.

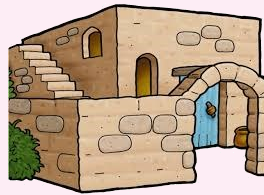


## WORLD OCEANS DAY - JUNE 8

Bountiful waters!

## INTERNATIONAL DROP A ROCK DAY JULY 3

Paint a rock and hide it for some lucky treasure hunter to find.



## INTERNATIONAL ROCK DAY - JULY 13

aka World Rock Day — Give rocks their due for their importance to human survival

## PET ROCK DAY - SEPTEMBER 3

For those of us old enough — reminisce about this fad from 1975. A good day to adopt a rock! (But what day isn't??)



## COLLECT ROCKS DAY

## SEPTEMBER 16

A good day to go out rockhounding!

## INTERNATIONAL FOSSIL DAY - OCTOBER 11

There are about 250,000 known fossil species, but millions more await discovery. Field trip!



# YOU ROCK



## UPCOMING FIELD TRIPS

Here is a general list of upcoming trips. Details will be emailed to the general membership.

## February

Tucson Show Club Day - Sat 4th  
Mushroom Rhyolite (new claim) - Wed 8th  
Burro Creek - Sat 11th — Jaspers, Agates  
Tangle Creek - Wed 22nd — Agate, Travertine  
Brenda Area - Sat 25th — Jasper

## March

Bagdad mine or Superior Apache Tears - Sat 4th  
Seven Springs - Wed 8th — Onyx/travertine  
DMRMC Rock & Gem Show - 11th & 12th  
Dave Haneline Mine (Wickenburg) - Wed 22nd

## April

Yuma Area Mines - 1st & 2nd Sat-Sun  
Chilito Mine (Hayden) - 5th Wed — Copper minerals  
Mineral Mtn - 15th Sat — Amethyst, copper minerals  
Dragon Mine - 19th Wed — Mica, tourmaline, thundereggs  
DMRMC Picnic at Anthem Park - 29th Sat

## May

Springerville- 12th-15th — Luna Agate  
Payson – 17th Wed — Fossils  
Christopher Creek – 17th Wed — Zebra jasper/chert  
Agate Mtn - 20th Sat — Agate, Quartz

## June

Lynx Creek (Prescott) - 3rd Sat — Gold panning  
RMFMS Convention, Casper, WY - TBA Fri-Mon

*DATES AND DESTINATIONS SUBJECT TO CHANGE*

*Bill and the field trip committee will be actively looking for productive spots for field trips. If you have any suggestions, you are encouraged to contact him at [bfreese77@cox.net](mailto:bfreese77@cox.net)*

***FUTURE SPEAKERS***

FEBRUARY: Rattlesnake Solutions (always a treat, with lots of live critter!)

MARCH: Stan Celestian - A Review of the Club's Egg Carton Project and new Flickr Page

APRIL: Robert Hazen - Carnegie Institution, Washington D.C., via Zoom. He is a geologist and will speak on Mineral Evolution.

## FACEBOOK



Visit and join the club page periodically. See what is happening, and boost our visibility on the web. Go to: [The Daisy Mountain Rock and Mineral Club](https://www.facebook.com/daisyMountainRockandMineralClub). It is set up so you can post photos of outings or related items. Share with friends!

## AWARD-WINNING WEBSITE

<http://www.dmrmc.com/>

If you have comments, contact Nancy Gallagher.

## INSTAGRAM



Follow the club on Instagram. Go to <https://www.instagram.com/daisymountainrockclub/> and follow today. Share with friends!

**Officers, Chairpersons, & Trustees**

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**Vice President:** Bill Freese..... [bfreese77@cox.net](mailto:bfreese77@cox.net)

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**Mine Steward:**

**Safety:** Gregg Josey

**Show Chair:** Ed Winbourne

**Trustees:**

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Stan C	Tiffany P
Bob E	Don R
Nancy G	Howard R
Renee I	Jeff R
Gregg J	Johanna R
	Bob S

Meetings are held the **1st Tuesday of the month** at the **Anthem Civic Building**, 3701 W Anthem Way, Anthem, AZ 85086. General meeting at 6:30 pm. We **do not meet in July or August.**

[DMRMCLUB@GMAIL.COM](mailto:DMRMCLUB@GMAIL.COM)

**Membership Dues:**

**First year \$30, then \$20.00 Adults per Person**  
**First year \$45, then \$25.00 Family (2 people)**

**Meeting Dates for 2023**

Jan 3, Feb 7, Mar 7, Apr 4, May 2, June 6, Sept 5,  
Oct 3, Nov 7, Dec 5

## WORDS OF WISDOM

passed along by our own **Bob Evans**



You might wake up early and go running. You also might wake up and win the lottery. The odds are about the same.

### UPCOMING AZ MINERAL SHOWS

**January 15 - February 12 - Tucson, AZ** Multiple shows around town. Go [HERE](#) or [THERE](#) for schedules.

**February 9-12 - Tucson, AZ** Tucson Gem & Minerals Society; Tucson Convention Center, 250 S Church Ave; Admission: Fee. SEE [POSTER](#)

**February 24-25 - Clarkdale, AZ** Mingus Gem & Mineral Club; Clark Memorial Clubhouse Auditorium, 19 N 9th St; Fri 9-5, Sat 9-5, Sun 9-4; Admission: Free.

**March 4-5 - Mesa, AZ** Apache Jct Rock & Gem Club; Mesa Community College, 1401 S Dobson Rd; Sat 9-5, Sun 9-4; Admission: Adults \$3, under 18 free. NEW LOCATION

**March 11-12 - Anthem, AZ** Daisy Mt Rock & Mineral Club; Anthem School, 41020 N. Freedom Way; Sat 9-5, Sun 10-4; Admission: Adults \$3, Seniors & Students \$2, under 12 free. SEE [POSTER](#)

**May 6 - 7 - Kingman, AZ** Mohave County Gemstoners; Mohave County Fairgrounds, 2900 Fairgrounds Blvd.; Sat 9-5, Sun 9-4; Admission: Free.

**July 14-16 - Show Low, AZ** White Mountain Gem & Mineral Club; Show Low Elks Lodge, 805 E Whipple; Fri-Sat 9-5, Sun 10-4; Admission: Adults \$4, kids with adults free.

**October 14-15 - Sierra Vista, AZ** Huachuca Mineral & Gem Club; Sierra Vista Mall, 2200 El Mercado Loop; Sat 9-5, Sun 10-4; Admission: Free.

If you are travelling, a good source of shows AND clubs is <http://the-vug.com/educate-and-inform/mineral-shows/> OR <http://www.rockngem.com>ShowDatesFiles/ShowDatesDisplayAll.php? ShowState=AZ> OR <https://www.rockandmineralshows.com/Location/?displayShows=true>

**NEEDED: QUALITY MINERALS (or OTHER) DONATIONS WITH LABELS** -- for monthly raffle and silent auction; and for raffle, door prizes, and sales tables at the annual show. If you have specimens to donate, please see Robin Shannon. The Daisy Mountain Rock and Mineral Club is a 501(c)(3) non-profit organization, and will gratefully acknowledge your donation with a Tax Deduction Letter. Thank You!

### NOTE FROM THE EDITOR

Have a geological interest? Been somewhere interesting? Have pictures from a club trip? Collected some great material? Send us pictures -- or write a short story (pictures would be great).

Deadline for the newsletter is the 22nd of the month.

Mail or Email submissions to:

Susan Celestian

6415 N 183rd Av

Waddell, AZ 85355

azrocklady@gmail.com



Visit <http://rmfms.org/> for news about conventions, events, and associated clubs. If you are travelling, you might want to contact a club local to your destination. Maybe they have a field trip you could join, while in town.

### NORTH MT OPEN STUDIO

**North Mt Visitor Center, 12950 N 7th St, Phoenix, AZ**

*You are invited to NMVC Studio. Lapidary Classes every Wednesday & Silversmithing Classes on Saturdays — email Shirley Cote for details. For ONLY those people who have taken lapidary or silversmithing classes — Lapidary Open Studio every Monday, and Silversmithing &/or Lapidary Open Studio every Thursday (and designated Saturdays). Face masks optional.*

**TIMES: from 9:00 to noon with cleanup starting at 11:50.**

Only 4 people can sign up, and must do so for the full three hours that the shop will be open each day. First come, first served. Usage fee is \$8/hour.

**Notice: Please bring your own towels, polishing compounds and buffing wheels as they will no longer be provided.**

Please arrive no later than 8:45 a.m. The center may closed to the public at 10.

**Email your request for the day(s) you are interested in participating ASAP. Email Shirley Cote at: [crystalc17@gmail.com](mailto:crystalc17@gmail.com)**

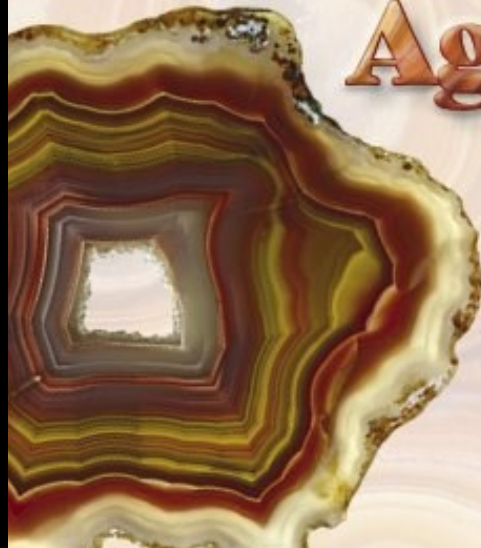
If more than four people wish to participate on the same day, please expect to be bumped or rotated to another day as efforts to accommodate everyone will be taken (possibly 6 people if 2 are silversmithing only).

The Tucson Gem and Mineral Society Proudly Presents:

# THE 68TH ANNUAL TUCSON GEM & MINERAL SHOW®



Scan code for  
Information on  
our Tucson Gem &  
Mineral Show®



## SILICA Agates & Opals & Quartz *Oh My!*

Tucson Convention Center  
February 9–12, 2023

for more information, visit: [www.tgms.org](http://www.tgms.org)



Agate: Lari Agnew, Chihuahua, Mexico; Peter Megaw specimen

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Quartz: Peter Megaw specimen; Jeff Scott photograph

# 2023 DAISY MOUNTAIN GEM & MINERAL SHOW



**Saturday, March 11th**  
9am – 5pm  
**Sunday, March 12th**  
10am – 4pm

**ANTHEM SCHOOL**  
41020 N. Freedom Way  
Anthem, AZ 85086

**Adults \$3, Seniors & Students \$2**  
**Kids 12 & under Free**



**KIDS CORNER**  
Events & Games

**VENDORS**  
Jewelry, Gems,  
Minerals, Fossils,  
Beads, Geodes  
and More

**RAFFLES & DOOR PRIZES**

**FLUORESCENT DISPLAY**

**FACETING**

**“DR. ROCK”**  
Identify your Favorite Rock



Sponsored by:  
DAISY MOUNTAIN ROCK AND MINERAL CLUB  
DMRMC.COM

For more information contact: Claudia Marek (623)640-8290

Email: cmarek2@cox.net