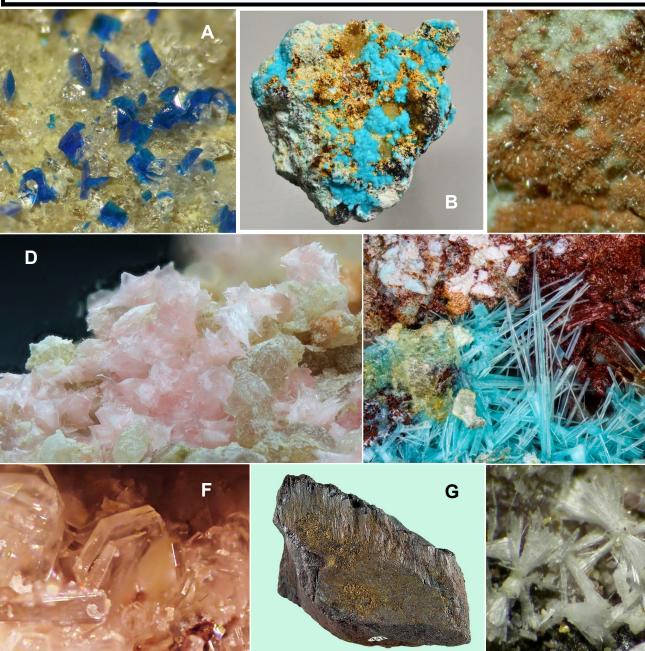


DAISY MOUNTAIN ROCKCHIPS

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 8

SEPTEMBER 2023





NINE ARIZONA TYPE MINERALS

- A Kinoite, Christmas Mine by Leon Hupperichs and licensed by <u>CC-BY-SA 3.0</u> via Wikipedia Commons
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 D Wupatkiite, Cameron, AZ by Henk Smeets (Tomeik Minerals) and licensed by <u>CC BY 4.0</u> via Wikipedia Co;mmons

 E Ajoite, Arizona by Henk Smeets (Tomeik Minerals) and licensed by <u>CC BY 4.0</u> via Wikipedia Commons

 F Wickenburgite, Potter-Cramer Mine by David Hospital and licensed by <u>CC BY SA 4.0</u> via Wikipedia Commons

 G Navajoite, Monument No. 2 Mine, Monument Valley by Robert Lavinsky <u>iRocks.com</u> and licensed by <u>CC-BY-SA 3.0</u> via Wikipedia Commons

 H Maricopaite, Moon Anchor Mine by Leon Hupperichs and licensed by <u>CC-BY-SA 3.0</u> via Wikipedia Commons

 I Chalcoalumite, Bisbee, AZ by Robert Lavinsky <u>iRocks.com</u> and licensed by <u>CC-BY-SA 3.0</u> via Wikipedia Commons

SEPTEMBER 2023

type minerals

By Susan Celestian

TYPE MINERAL SPECIES are those representatives of mineral species that were first discovered and described. They serve as the definitive specimens for given mineral species, and are the material to which subsequent occurrences are compared.

Most often, type minerals' names are derived from that of a person deemed important to mineralogy. For example, *Flaggite* is named for Arthur Flagg, a mining engineer and prominent in the mineral collecting community of Arizona and nationally.

Type minerals are also often named after the location where they were discovered. For example, *Wickenburgite* was first described from the Potter-Cramer Mine, near Wickenburg, Arizona.

And sometimes, they are named for a chemical or physical property. For example, *Zinczippeite* was named as a zinc-rich form of zippeite.

Arizona has 87 type^{*} minerals and 7 co-type^{*} minerals. Of these 6 formed during reactions resulting from fires and fire fighting in the United Verde Mie in Jerome. For a time thee were not recognized as minerals, because they were not considered "naturally occurring".

How a discovery gets recognized as a new mineral:

- * Potentially new material is discovered
- Someone examines it (x-ray diffraction, electron microprobe) and determines that it is something new and different.
- Then it is fully described, chemically and physically.
- A name is proposed and all data are submitted, for review, to the International Mineralogical Association's Commission on New Minerals, Nomenclature and Classification.

Commission on New Minerals, Nomenclature and Classification.

* The commission members vote to accept or reject the new name.

Type mineral specimens are required to be deposited in a museum. (The specific museum is at the discretion of the discoverer.) It is then available for re-study, if necessary.

A list of Arizona type minerals can be found in the 4th edition of *Mineralogy of Arizona* (2022) by Grant, Gibbs, Jong, Rasmussen and Kieth and published by The University of Arizona Press.

It could be interesting to try to collect a complete suite of Arizona type minerals, although they may be difficult to obtain, most won't be very interesting, and they will be very small (micro-minerals).

***Holotype**: A single mineral specimen used to fully describe a new mineral.

Co-type: Multiple mineral specimens used to develop the description of a new mineral.

*Neotype: New specimen of a mineral obtained for re-evaluation or re-examination



Anthem Elementary

INSTRUCTOR — Rebecca Noel

CLASS DATE: on the 1st Tuesday CLASS TIME: 4:30-6:15 CLASS PLACE: Anthem Civic Center, 3701 W Anthem Way

Bring a cabochon or other stone, 20 and 26 gauge copper-based wire, round nose pliers, flush cutters, and any other tools you might use.

*If you want to try it out, the club has 4 sets of tools and wire that you may borrow during a class. If you like it, you can then purchase your own supplies.

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rockhound's code of ethics

By Gregg Josey

As we look forward to the upcoming rockhounding season, many of our new members probably are not aware that there is a code of ethics that needs to be followed. Rockhounds, both as individuals and collectively as members of clubs, pride themselves on their good manners in the field. They know that maintaining their good reputation is important in order to keep the welcome mat out at collecting sites. This code of ethics is in general use throughout the rockhounding community and is posted here for your information.

I will respect both private and public property and will do no rockhounding on privately owned land without the owner's permission.

This should go without saying: you can't go and dig on someone's private property without permission. But how exactly do you determine property lines? This will be covered down below.

I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.

This can be very difficult if you do any level of travel in your rockhounding adventures. Not all local, state, and federal lands are created equal. If you are at all unsure about a regulation related to rockhounding it's best to call the agency that is in charge of that land.

I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect. This has never been easier. With apps like GaiaGPS, you can see all the property lines for public and private lands on your phone, and download those maps offline (since it seems like service is never good in rockhounding locations).

I will use no firearms or blasting material in rockhounding areas.

I will leave all gates as found.

This is an important one. The reason you leave gates as you found them is because of grazing animals. It is an important rule of courtesy in rural areas throughout the United States: if a gate is found open, it should be left open; and if it is closed, it should be left closed. In low-rainfall areas, closing gates can cut livestock off from water supplies, so it is best to just leave them as you found them.

I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.

This is a good general rule for all outdoor activities

I will discard no burning material — matches, cigarettes, etc.

I will fill all excavation holes, which may be dangerous to people or livestock. It is best to leave holes in a safe way, which is with no overhangs left behind.

I will not contaminate wells, creeks, or other water supplies.

I will cause no willful damage to collecting material, and will take home only what I can reasonably use.

I have seen so many older people in rock clubs pass away, and the club comes in to help their widow(er) deal with the insane pile of rocks and ocean full of forgotten buckets of material. If all you're going to do is hoard something and let it sit in a bucket that fills with water, what's even the point? Collecting with intention and purpose is smart, collecting a hoard with no purpose is foolish.

Ethics continued on page 4,...



... Ethics continued from page 3

I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter regardless of how found.

I will cooperate with field trip leaders and those in designated authority in all collection areas.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golden Rule," will, I use "Good Outdoor Manners," and will always conduct myself in a manner which will add to the stature and "public image" of rockhounds everywhere. I think this is great advice but I would really like to add to it that you should conduct yourself in a professional and courteous manner online, as much of the interaction with other rockhounds is done on the internet now, and you should behave as well, if not better, online than you would in person.

GEO MINI GOLD: Did You Know....?

- Gold is very malleable. I've found a number of statistics, but will go with this one from the American Museum of Natural History: One ounce of gold can be beaten into sheet about 99.6 sq ft (I've seen up to 1000 sq ft at 1 atom thick). This gold leaf is .18 microns (7/100,000,000 inch) thick and a stack of 7,055 sheets is only as thick as a dime.
- Very thin gold leaf can be transparent. Thin layers of gold are used to reflect light (as on an astronaut's helmet's visor, and as a heat shield, as seen on NASA satellites.
 Most gold foil is 20-200 nanometers thick. For reference, a human hair is 80,000 nanometers (.0032 inches) thick.
- * Gold comprises about 0.005 parts per million of the Earth's crust.
- * All the gold so far discovered would fit into a 75 sq ft cube (according to IFL Science)
- * A cubic meter (35 cubic feet) of gold weighs 19.3 tons; a cubic foot weighs 1188.6 pounds.
- * Gold conducts electricity. It is about 71% as conductive as copper.
- If all the gold in the world was drawn into a wire 5 microns thick (1.9685e-7 inches), it would be long enough to wrap around the globe 11.2 million times. One ounce can be drawn to 50 miles long.
- This is another tidbit with widely varied numbers: According to the USGS, one cubic mile of seawater contains 130 million tons of salt and 25 tons of gold, at .05 ppb (NOAA says 1 gram of gold per 100 million metric tons of seawater).
- ✤ Gold weighs 19 times more than an equal volume of water.
- * Gold is very non-reactive and does not rust, corrode, or tarnish.
- * According to the USGS, 190,000 tons of gold have been mined to date, and there is an estimated reserve of 50,000 tons yet to be mined.
- Gold is rarer than diamonds.
- * Besides copper and cesium, gold is the only native metal that is not silver or gray-colored.
- * The largest gold nugget was mined in Moliagul, Australia in 1869, and weighed in at 2,520 ounces.
- * Gold is insoluble in pure nitric acid, which dissolves almost all other metals. Hence the "acid test" to affirm an item as composed of gold. However, it does dissolve in aqua regia and in cyanide.
- ✤ Gold's melting temperature is 1945.4°F

4

FIELD TRIP to MINGUS MOUNTAIN Saturday, September 9, 2023

Photos & test by Bill Freese

Well here we are, started a new rockhounding season. The DMRMC had their first trip of the season on Saturday (with MSA) to Mingus Mountain for Jasper with Hematite, otherwise known as BIF (Banded Iron Formation). There was a ton of first timers, including folks that have been doing the rockhounding thing for over 50 years! All had a great time in the cool pines around 7000 feet. The material is all over the place so collecting is easy. We had a total of 34 people on the trip and all left with smiling faces. Until next time!



Field trips continued on page 6,...

SEPTEMBER 2023

...Field trips continued from page 5







6













BIG BEAUTIFUL BOUNTIFUL BIF

Field trips continued on page 7,...

...Field trips continued from page 6

FIELD TRIP to PARKS Wednesday, September 20, 2023

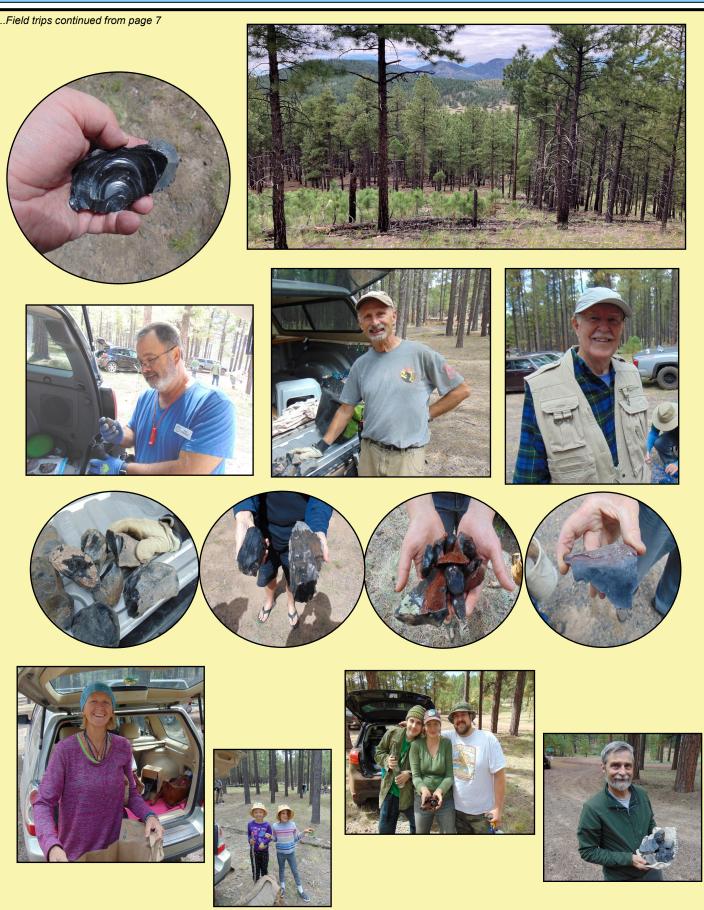
Photos & test by Bill Freese

Hey everyone, the DMRMC had a mid-week trip to Parks, AZ for some obsidian. This is a beautiful location at 7500 foot elevation. It was only 60 degrees! All 22 of the folks on the trip found lots of obsidian and some found lobster mushrooms as well. I'm not sure which one they were more excited about. Until next time.....



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Field trips continued on page 9,...

..Field trips continued from page 8

FIELD TRIP to FOSSIL SITE & ZEBRA CHERT Wednesday, September 20, 2023

Photos & test by Bill Freese

The DMRMC had field trip today, Sunday (yes Sunday) up to Payson. There were 15 of us that started our outing at the Paleo site right off AZ-260. (this is an awesome site for kids) We found tons of fossils of sea creatures. Some of us continued on to another site for some Zebra Chert. Cool Striped rocks! The weather and location were awesome. Everyone had a great time.





The Pennsylvanian-age Naco Formation of Northern Arizona hosts a diverse fauna of shallow marine invertebrates — brachiopods, bryozoa, crinoids, gastropods, bivalves, and rare corals. For photos of the most common (and a couple uncommon) species, go to Sue Celestian's <u>Flickr album</u>. There you will also find a downloadable handout to take with ou the next time you visit the Payson Fossil Site or woods.



Nice internal mold of a gastropod!





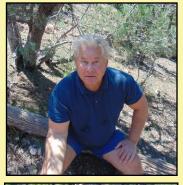
An assortment of brachiopods

Field trips continued on page 10,...

SEPTEMBER 2023

...Field trips continued from page 9





























ZEBRA CHERT

10

special christhas raffle

This year the DMRMC Board is offering a special raffle opportunity — one that will run from September until the Christmas Meeting in December.

Tickets will be sold at each meeting. They are \$1 per ticket, or 12 for \$10.

The specimen is a gorgeous Amethyst Cathedral from Brazil, with a retail value of at least \$400.

Remember, all proceeds help support club activities.





BOARD MEETING MINUTES September 5, 2023

- In attendance: Bill F., Bob S., Claudia M., Deanne G., Don R., Ed W., Gregg J., Jeff B., Johanna R., Rebecca S., and Renee I.
- Bill F. called the meeting to order
- June minutes correction:
 - The liability insurance was added to Rocky Mountain Federation (RMF)
 - Johanna R. did not add to the trailer property insurance
 - This does not cost the club money
 - o Claudia M. got the second policy to cover the trailer from damage
 - Does not cover contents
 - Protects from vandalism, acts of God, etc.
 - Claudia M. got the third policy to cover the contents of the trailer
 - This covers the asset value of the items within the trailer
 - Does not cover the rocks underneath the trailer
 - Will try to make room for everything within the trailer soon
 - The owner of the property wanted liability insurance
 - RMF liability insurance was printed out
 - Claudia M. and Renee I. dropped off proof to owner
 - o Otherwise meeting minutes were accepted
 - Unanimously approved
- Claudia M. Insurance Coverages
 - There will be a refund from the trailer coverage of \$377
 - Rates were processed incorrectly by Progressive
- Rebecca S. Program Evaluation
 - Board members liked the idea of evaluating the club
 - Program evaluation was defined and described
 - Need sub-committee consisting of several people to help Rebecca on evaluation
 - We need some help to collect data
 - Anyone can help all stakeholders are welcome to give input on the plan
 - The board approved moving forward with the evaluation
 - Data collection to begin soon
- Deanne G. Financials
 - Year to date, the club has a net income
 - Insurance refund will increase balance
 - Scholarship has been paid out
 - \circ Show expense
 - Prepaid deposit on tables for next year (2024)
 - Promotional items
 - 2022 revenue was \$730
 - 2023 revenue was \$219
 - Total of \$1029 to be used towards the scholarships
 - Field trip committee had lunch to create 2023-2024 trip schedule
 - Paid for by club
 - Outstanding checks to one vendor from the show and one speaker

...Minutes continued from page 12

- Ed W. investing money
 - Still in the works
- Claudia M. Scholarship, Donations, Club Show, Classes, and Promotional Items
 - Created two write ups for scholarships awarding \$750/ea.
 - No high schooler was eligible for the scholarship 2023
 - Was split and given to 2 previous winners
 - Lauren L. and Grace M.
 - \circ 211 lbs. of canned goods were donated in 2022
 - Motion to give \$100 to Foothills food bank
 - Motion to give \$100 to St. Mary's food bank
 - Unanimously accepted
 - Amount listed above was given to those two food banks last year
 - Show survey results
 - Posters very little traffic came from this promotion
 - Quarter sheets 17ppl came from this promotion
 - Should only purchase half the amount next show
 - Google 25ppl came from this promotion
 - Posting on the website doesn't cost extra
 - Lapidary and silversmith class options
 - North Mountain Visitor's Center (NMVC)
 - Has new director for building
 - We have a saw and tumbler at the facility
 - Our equipment is labelled
 - Small groups with a long waiting list
 - Facility only has 5 machines
 - Phoenix center has a silversmithing class
 - 8 weeks, 3 hr. class, double the cost of North Mountain
 O Includes material though
 - Should be a shorter waiting period for classes
 - Glendal facility has a lapidary class now
 - Taught by Mark Flecher
 - o He was the past president of Maricopa Lapidary
 - The cost is \$60/yr.
 - Don't have to be resident to use
 - Cost is cheaper for residents
 - Ticket sales for 2024 DMRMC show
 - Every other club is charging \$5 for adults for shows
 - Wants to make flyers now
 - \$5 adults; \$4 vets, students over 12, and seniors
 - Kids under 12 free with adult purchase
 - Motion to approve pricing for 2024 show
 - All in favor, unanimously passed

SEPTEMBER 2023

- Promotional item for volunteers
 - Tote bags should be arriving soon
- Maps were found in the museum donations over the summer
 - Club has a whole box of them
 - Was charged \$12 for limited print edition in other stores
 - Motion was made to sell them for \$8
 - All in favor, unanimously approved
 - No charge for board members
- Rebecca N. Wire Wrapping Class
 - \circ 3 attended 9/5 meeting
 - Class attendants are happy with assignments and the new teacher
- Jeff B. Claims Committee
 - Nov. 11 first BBQ trip
 - Jeff will visit claim and get it ready before field trip
 - Club to provide water, refreshments, burgers on trip
 - Members can bring their own side dishes
 - Will have kid's activities for trip
- Bill F. Field Trip Committee
 - Schedule made at sub-committee meeting
 - Emails sent to all members
 - Will update calendar as dates get changed
 - Oklahoma field trip in October weekend before Halloween
 - 1000-mile trip
 - Xmas party
 - Will ask for volunteers
 - Need to find food vendors
 - Will be at Anthem Civic Building
 - Jody said building can be used
 - Will get a confirmation on date from building
 - Will discuss room setup
- Gregg J. Safety Committee
 - Incident report to be implemented
 - Will have copies available for club events
 - Motion to accept incident report
 - All in favor, unanimously approved
 - Thank you, Gregg for creating this form
 - CPR class
 - Anthem Fire department
 - \$60/person and must purchase associated book
 - Another class available
 - 10 student min 20 max
 - \$135/person + travel pay

Minutes continued on page 15.,,,,

SEPTEMBER 2023

...Willemite continued from page 14

- Building must be provided by purchaser
- Will send options to board to see what class should be taken
- Field trip leaders should have training
 - Board members thought it was a good idea to have the club pay
 - Club willing to pay up to 15ppl for class
- o Bill F. has Garmin Mini reach satellite phone
 - Preset texts
 - Monthly service fee
 - Has not been setup yet
 - Deanne G. to coordinate payment
- 2024 DMRMC Show
 - \circ 2nd and 3rd of March
 - March 1st setup
 - o Admission prices were approved to be raised
 - Kids' corner needs more rocks numbered
- Meeting tonight Susan Amberlee from 4 Peaks Mining
 - October Evan Jones
- Club guides
 - Cynthia F. and Jessica R. (neither present at September meeting)
 - Will just mention program to members this general meeting
- Kid's program TBD
 - o Ask for volunteers at meeting
 - Those that were going to lead the program cannot do so after all
- Name tags WEAR EVERY SINGLE CLUB EVENT
- Special raffle being implemented at general meeting
 - o \$1/ticket, or \$10/12 tickets
 - Amethyst Cathedral worth over \$400
- Claudia M. Blade for saw at NMVC
 - Had to purchase new one
 - Have used same blade for 2 years
 - To change out was timely
 - Had to clean machine and fix blade
- Meeting adjourned

Respectfully submitted,

Rebecca Slosarik

0

...Minutes continued from page 15

GENERAL MEETING MINUTES September 5, 2023

- In attendance: open attendance- about 80 adults, 3 youth
- Bill F. called the meeting to order
- Susan Emberley from Four Peaks Mine Co. discussed the mine tour
 - The amethyst there is internationally revered for its color
 - Siberian red from high iron content from manganese and magnesium
 - Exceedingly rare
 - Only 2 other locations in world contain Siberian red
 - Tours beginning again soon
 - See pamphlet at meeting
 - Check out the helicopter tours online
 - Fourpeaksminingco.com/tours/
 - You can fill your own 1gal bag of Four Peaks amethyst!
 - Thank you, Susan for that enticing presentation
 - Also, thank you for giving out free samples of amethyst
- Raffle
 - Jeanne S., Bill S., and Deanne G. presented raffle
 - \circ Made the club \$255
- Amethyst Cathedral for special raffle prize
 - \circ See it on display in the back
 - o Get tickets Sept, Oct, Nov, Dec
 - Xmas party will draw number
 - Put name and phone # so you can get it even if not present
 - \circ \$1/1ticket or \$10/12 tickets
- Newcomers welcomed to club
 - They were asked their name and how they found the club
 - Some from google search
 - Some from previous rock shows
 - Others from fellow rockhounders
 - The club is always happy to see other rockhound enthusiasts join
- Rebecca S. Program Evaluation
 - What is our mission and are we fulfilling those duties
 - Will have surveys and other data collection soon
 - Volunteers are needed to help with the evaluation
 - See Rebecca S. after meeting if you would like to join
 - Will need help with data collection
 - All are welcome to give input even if not on the committee
 - This evaluation includes all stakeholders
- Jeff B. Claim's Committee

- Will have trip out to club's claim Saturday November 11th
 - Potluck style BBQ field trip
 - Kid's activity will be a scavenger hunt
 - Volunteers sign up will be available at next month's meeting

Minutes continued on page 17.,,,,

...Minutes continued from page 16

- Bring your own side dish
- Jeff will visit claim before to get it ready for trip
- Claim is located SW of Wickenburg
- Jeff is looking into other claims to purchase still
- Bill F. Field Trips
 - \circ New calendar for this season
 - Bill had copies available at the meeting
 - Had some trips over the summer
 - Lynx creek
 - 28th of June AZ Museum of Natural History
 - Mesa
 - RMF July in Casper, WY convention
 - No one from DMRMC went
 - Next one in Oklahoma City
 - Bisbee mine tour in Tombstone conjunction with MSA
 - Great trip for those who went
 - September 9th Saturday Mingus Mtn.
 - Jasper and hematite
 - September 20th Parks West of Flagstaff 7500ft. elevation
 - Sunday September 17th paleo site in Payson
 - Zebra jasper
 - Great for kids
 - Trips scheduled coming up check for updates these are tentative
 - Emails are sent with specific details for each field trip
 - RSVP to email (reply, not reply all) with attendees' information
 - Bronzesmith coming up soon
 - Limited, only 15 can attend
 - Tip jar is for scout leader so that trips remain free
 - Helps them with gas/time/resources needed to get out there
- Tiffany P. Membership
 - o Over 300 members as of today
 - Get badges from her in back
 - See her for email changes/updates as well
- Claudia M. Everything
 - Show scheduled for 2024 March 2nd and 3rd
 - Deer Valley school district
 - Will be advertising soon
 - Always need volunteers
 - o Canned food drive, 21lbs of food \$200 to food banks/ st. mary's
 - Will do again this year
 - The club will be collecting food at the Oct. and Nov. general meetings
 - Will then be given to food bank

Minutes continued on page 18.,,,,

SEPTEMBER 2023

...Minutes continued from page 17

- Lapidary classes
 - New artist at Phoenix Center for the Arts
 - 2 nighttime and 1 daytime
 - Slots still available
- AZ highway geological map for sale
 - \$8 (20 or 30 available)
 - Got from hauling out basement of museum
- Wire wrapping with Rebecca N.
 - Had 3 ppl today
 - 4:30-6:30pm before each club general meeting
 - There is a tip jar at the classes
 - Tips are greatly appreciated because Rebecca lives far away
- Kids' corner rocks
 - The clear, plastic 2 dozen egg cartons from Costco are needed
 - Please donate to the club if you have empties
 - About 250 kids receive cartons each year
 - Over 15k rocks need numbering
 - Takes an army of volunteers to complete
 - Bags of rocks needed to be numbered in back at general meeting
 - Please help if you can spare a couple of hours
 - Supplies provided in bags
- Claudia does so much for the club
 - Thank you, Claudia, for your continued dedication and valiant efforts!
- Ed W. Presented rockhound of the year plaque
 - Claudia M. was given award
 - o Will be framed for Claudia and presented next month
 - She is a star of the club
- Gregg J. Safety Committee
 - o Purchased GPS emergency locator beacon satellite
 - Can be used on field trips
 - More whistles available for trips
 - Get yours from the club for free
 - o Incident report made available just in case
- New programs
 - Club guides going well
 - Ambassadors for the club
 - Find them wearing green badges at club events
 - They help guide members about club affairs
 - Wire wrapping with Rebecca N.
 - Going great
 - Kids program TBD
 - Need volunteers to lead

Minutes continued on page 19.,,,,

SEPTEMBER 2023

...Minutes continued from page 18

- Club Christmas party for December
 - Vendors for food volunteer needed
 - \circ Games/ activities volunteer needed
 - Will be at Anthem Civic Building
 - Will be in lieu of December general meeting
 - December 5th, 2023
- Next month speaker Evan Jones
 - Rockhound enthusiast
- Name tags Always wear at all meetings, events, field trips (even shared field trips)
 - See Tiffany P. if you need a new one
 - \$10/badge
 - You will typically receive a new badge by the next general meeting
 - o Emails typical way of communicating about club business
 - See Tiffany P. if you need to update it
- Meeting adjourned

Respectfully submitted,

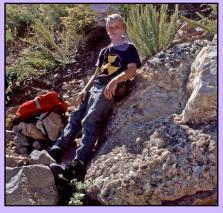
Rebecca Slosarik

SEPTEMBER SPEAKER Four Peaks Mine and Tours

By Susan Emberley

I missed the September meeting, but I have hiked up to the Four Peaks Mine a couple of times (and surprisingly lived to tell about it), so here are a few photographs highlighting the mine and its amethyst.





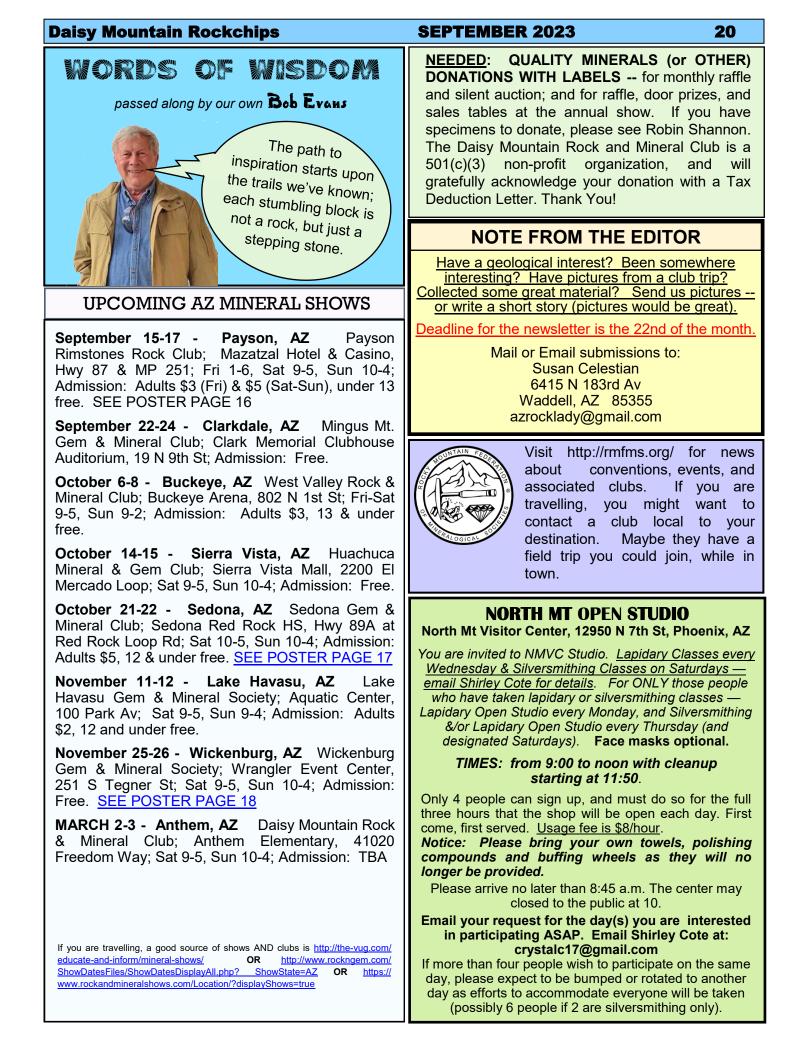
On slopes below the mine, there ae slabs of granite covered with large amethystine crystals. Here a young Aaron Celestian lounges on a bed of large amethyst points.



Here are a couple dark purple points collected by Stan Celestian. Both look like the will yield good faceted stone.



This faceted Four Peaks amethyst displays the deep velvety purple color and flashed of red, for which the stone from this mine is famed.



UPCOMING FIELD TRIPS

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

Bronzesmith - 12th Thurs - Tour of Foundry Diamond Point - 14th Sat - Quartz (Payson 'diamonds') Strawberry Area - 21st Sat - Fossils Roberts Mesa - 25th Wed - Agate

Superior - 28th Sat - Apache Tears & Perlite November

Red Cloud Mine - 3rd-5th Fri-Sat - Wulfenite Club Claim - 11th Sat - Mushroom Rhyolite, PICNIC Sycamore Creek - 15th Wed - RED Jasper

Round Mt - 17-19th Fri-Sun - Fire Agate, Desert Roses, Chalcedony-lined Geodes

Chilito Mine - 29th Wed - Copper Minerals Purple Passion - 30th Thurs - Fluorescents (EVENING)

December

Planet Mine - 1st-3rd - Hematite, Chrysocolla, others Blue Cube/Spectrum/Prism Mines - 6th Wed - Fluorite Rowley Mine - 16th Sat - Chrysocolla, Wulfenite Burro Creek - 30th Wed - Cool Chert

January

Brenda Area—3rd Wed - Jasper (plume possible) 4th of July - 17th Wed - Chalcedony, Fire Agate Quartzsite Show - 20th Sat - Shopping Contact Mine - 27th Sat - Amethyst

February

Club Claim - 7th Wed - Mushroom Rhyolite Superior - 17th Sat - Apache Tears, Perlite Tangle Creek - 21st Wed - Travertine

March

Wendon - 6th Wed - Mable San Carlos - 16th Sat - Peridot Reserve Bank Mine - 20th Wed - Tour, Copper Minerals

Dave Haneline Mine - 30th Sat - Barite, Lead Minerals

April

Hewitt Canyon - 3rd Wed - Green/Pink Marble Camp Verde - 17th Wed - Lost Onyx Mine

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

FUTURE SPEAKERS

October - Evan Jones: Paramelaconite from Bisbee, AZ November - Stan Celestian: The Formation of the Earth December - Christmas Party January - Dr. Barbara Johns, U of Wyoming: Deep Sea Drilling in the Atlantic

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SEPTEMBER 2023

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. 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

President: Ed Winbourne.....ewinbourne@gmail.com Vice President: Bill Freese..... bfreese77@cox.net Secretary: Rebecca Slosarik .. rslosarik1@gmail.com Treasurer:...Deanne Gosse deanne.gosse@outlook.com Publicity: Jessie Redmond... **Membership**: Tiffany Poetsch tnpoetsch@gmail.com Editor: Susan Celestian.....azrocklady@gmail.com Field Trip: Bill Freese ... bfreese77@cox.net Claims: Jeff Blosdale Safety: Gregg Josey Show Chairs: Ed Winbourne, Claudia Marek Trustees:

> Susan C Stan C Bob E Nancy G Renee I Gregg J

Claudia M Tiffany P Don R Howard R Jeff R 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

Membership Dues: Juniors (under 18) - Membership is free; one time fee of \$10 for name badge Adult - First year \$35, then \$25 per Person Couple - First year \$55, then \$35 per Couple

Meeting Dates for 2023

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

SEPTEMBER 2023

Rock, Gem & Jewelry Show

October 21 & 22 Sat 10-5 / Sun 10-4

Sedona Red Rock High School – 89A at Upper Red Rock Loop Rd, W. Sedona

Hourly Raffles Grand Prize

Admission - \$ 5 Children 12 & under Free

For more information go to: www.sedonagemandmineral.org

SEDONA SEDONA

Wickenburg Gem & Mineral Society 23rd Annual WOWW Show

gemclub.info



Wrangler Event Center

Round Gym 251 S Tegner St

Vendor/Show Information: gemclub.info

Over 40 Vendors

Gems Minerals Beads Jewelry Rocks Fossils Kid's Room Door Prizes Food and More.....

Free Admission

SEPTEMBER 2023



Stilbite on Stalactitic Quartz

ANTHEM SCHOOL 41020 N. FREEDOM WAY

SATURDAY 9 TO 5 PM SUNDAY 10 TO 4 PM ADULTS \$5, SENIORS, VETS, STUDENTS \$4 CHILDREN UNDER 12 FREE WITH ADULT ROCKS, CRYSTALS, FOSSILS, JEWELRY, METEORITES, BEADS RAFFLE EVERY HALF HOUR ! DR ROCK FOR ROCK IDENTIFICATION <u>KID'S ROW</u> - LOTS OF ACTIVITIES FOR KIDS INCLUDING OUR RENOWNED EDUCATIONAL EGG CARTONS <u>FILLED WITH 50+ SPECIMENS</u>!!

FOR MORE INFORMATION GO TO: www.dmrmc.com