

ROCK TALK



WHITE MOUNTAIN GEM AND MINERAL CLUB
SHOW LOW, ARIZONA

White Mountain Gem & Mineral Club
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PRESIDENT'S LETTER

HAPPY NEW YEAR! Mother Nature pulled a trick on us missing a white Christmas but challenging us the first week of January. Ten brave (or foolhardy, you never know with rock hounds) showed up for the meeting. Because of the forecast, we kept the meeting short.

The 2023 and 2024 Board met in early December to plan for this year. The schedule for the year was generated. Our goal is to observe it unless something serious interferes. We pretty much followed our practice of meeting the first Sunday of the month with the field trip three Saturdays later, with a couple of exceptions. It was decided by general consensus that the January fieldtrip will be January 13 so our club can visit the Gila County Gem and Mineral show. Our December meeting will be December 8 since the first Sunday directly follows Thanksgiving. The budget was also reviewed. Our checkbook is very healthy. That means we are able to put back some of the education and other activities we had to curtail. Thank you board members for your hard work and club members for making our organization one we can be very proud of.

We have several positions that are critical and need to be filled. Carl has agreed to be the interim treasurer until someone steps up. He will train and provide support. We need two greeters for the meetings. Also, Shelley needs an assistant for meeting room setup and teardown.

Year end prizes have returned! Every time you do something extra for the club you get an entry into the year-end drawing. A record is kept in the black and white book available at the meetings. Just like Santa's 'nice list'!

Trivia - Made of hydrous magnesium silicate, talc is a very useful mineral whose weakness is its strength. Found in low-grade metamorphic rock, such as schist, it is also found mixed with serpentine and calcite. Talc can be cut into pieces without cracking making it an ideal material for carving (soapstone). It has plenty of good uses in lubricants, ceramics, paper, paints, plastics, and rubber. AND, it feels pretty good on your skin after a shower.

Winter is upon us. Be safe and stay warm.
Sandra



TREASURER'S REPORT

Current Expense	Upcoming Expense	Income This Month
Monthly meeting supplies	Rock Talk printing & postage	2024 Gem & Mineral Show
Historian supplies	VFW meeting space rental	Silent Auction
Christmas party	America One storage rental	Member donation
	Snowflake/Taylor Chamber of Commerce membership	

BULLETIN BOARD

**January brings the snow,
Makes our feet and fingers glow.
New year of promise,
Oh so sweet! To which we rise
And warmly greet.
Happy January
Birthday to
**Ron Cargile
Tom Green****



**Why Not Join our
Let's Do Lunch club**

WHEN: Friday, January 26, be there at 12:00 Noon.

WHERE: Sal & Teresa's Mexican Restaurant, Woodland Road, Lakeside, two blocks down from the theater on the lefthand side.

Let's celebrate our January birthday club members!

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Notice:

**Last names A-M will supply the
potluck table for the
February 4, 2024 meeting.**

Carl Hickman has agreed to carry on with the treasurer's position on a temporary basis. Is there anybody out there who might consider taking on this responsibility on a permanent basis?
It's not hard,
and Carl will be glad to train anyone who is interested.

Rock Talk Newsletter

Our newsletter is published monthly by the White Mountain Gem & Mineral Club, Inc. Any information or comments members wish to include in the monthly newsletter must be given to the editor at the general membership meeting or call the editor no later than Tuesday following the meeting.

Membership Dues

Membership dues are \$20 for a single membership and \$25 for a couple/family. (\$5 less if you receive newsletter by email.) Dues are paid in January each year along with a completed application form. Memberships initiated in November or later in a given year are also good for the following year.

Meetings

We meet the first Sunday of the month (unless it falls on a holiday) at the VFW Post 9907, 381 North Central Avenue in Show Low. Turn north off the Deuce of Clubs at Burger King. Social half hour at 1:00 PM, meeting starts at 1:30 PM.

ELECTED OFFICERS

Office	Name	Phone	E-Mail
PRESIDENT	Sandra Angelo	(928)537-3726	sandra_angelo@hotmail.com
VICE PRESIDENT	Debbie Christmas	(602)475-4714	Deb_xmas@yahoo.com
2ND VICE PRESIDENT	Carol Glick	(928)228-6202	malcarglick@yahoo.com
SECRETARY	Shelly Applegate	(928)245-4300	shellylynn@gmail.com
TREASURER (Acting)	Carl Hickman	(928)536-3744	carlhickman8@earthlink.net
EDITOR	B.G. Hogarth	(928)532-3043 Cell-(775)397-2312	hogarths@citlink.net
FIELD TRIPS	Dick Turpin	(480)240-0995	
	Rick Palmer	(928)333-5019	palmer57@frontiernet.net

Members at Large

Dick Turpin	(480)240-0995
Terry Pollard	(480)431-0686
Ursula Wilson	(928)532-5703
Shirley Leistikow	(623)261-5752

Volunteer Positions

Webmaster/Coalition Chair	Aimee Webster	(602)503-8417	afwebster61@gmail.com
Show Chairman	Cathy Cargile	(714)348-9162	skyranch5734@yahoo.com
Assistant Show Chairman	Carl Hickman	(928)536-3744	carlhickman8@earthlink.net
Sunshine	Donna Pollard	480-600-2714	tdpollard@msn.com
Education, Schools	Open		
Greeter/Door Prizes/Raffle	Thelma Gray/Open		
Auctioneer	Donna and Terry Pollard		
Highway Cleanup	Brookie/ Larry Embry	(928)537-0760	
Bonus Prizes	Sandra Angelo	(928)537-3726	
Historian	Donna Pollard	(480)600-2714	tdpollard@msn.com
Librarian	Rick Palmer	(928)333-5019	palmer57@frontiernet.net
Meeting Room Setup/cleanup	Shelly Applegate	(928)245-4300	shellylynn@gmail.com

Chamber of Commerce Liaisons

Show Low: Thelma Gray

Snowflake/Taylor: Open

Springerville/Eager: Rick Palmer

Heber/Overgaard: Aimee Webster

WHITE MOUNTAIN GEM & MINERAL CLUB

MEETING MINUTES JANUARY 7, 2024

The meeting was called to order by President Sandra Angelo at 1:33 PM and was opened with the Pledge of Allegiance.

For Show and Tell, Shelly shared her Christmas gifts of sodalite, moss amber, And black light from "Miners Rock Shop" (minersrockshop.com). Sandra passed around a pre-dinosaur vertebrae fossil from our recently procured site at Blue Hills Environmental. Carl showed the deed to our new property.

December meeting minutes were accepted as printed in **Rock Talk**.

Interim Treasurer Carl Hickman presented the financial report. The club is financially very stable. Carl noted that for every dollar income only half was expensed. He issued copies of the 2024 budget and asked members to review and send any questions or comments to him.

The Board met December 7 to plan for 2024. The budget was reviewed, and several items were put back that had been removed when we were following an austere budget. The club will now be able to purchase Rock and Gem Magazine for our libraries and some deferred capital purchases can be made. More marketing dollars have been put into the show budget. Year end prizes have been reinstated. Members will get an entry in the year-end drawing for activities above and beyond attending meetings. This would include participating in the highway clean-up, donating a specimen for the door prize or 50/50 raffle, volunteering for an outreach event, and so forth. The record is kept in a book in which members may sign their names at the monthly meeting.

Rollo Pool provided us with 250 Arizona topographic maps indicating collecting areas. He suggested selling these books at our show. Sandra suggested we may want to give one to each person who volunteers for the show. Cathy thought they would make nice gifts for our vendors.

2024 Officers were introduced. There are a number of open positions. The most important

position is treasurer. Carl is interim treasurer until the position is filled. Volunteer positions include two greeters as well as Chamber of Commerce contacts. This responsibility would ensure that the chambers are supplied with our trifolds and any additional information.

Second Vice President Carol Glick was unable to attend the meeting, but she is working from home on ways to increase membership. Cathy, BG, and Carol are working on a flier that can go to chambers, RV parks, libraries, and so forth. Carol also mentioned a need for rocks for the Kids' Corner at the show.

Sandra reported that 18 people attended the December field trip to club property at Blue Hills Environmental. This month the club will travel to the Gila County Gem and Mineral Show on Saturday, January 13. See Page 5 in **Rock Talk** for further information on both trips.

Cathy Cargile gave the Show Report- It's happening! We did get the first promo piece together for the show. BG and Cathy are working on marketing pieces. They have reached out to a business that posts banners on their website for \$35 dollars. The fliers can be emailed or passed out; all club members should try to share these materials. Carl hasn't counted vendors, but we have a total of 49 tables sold. We are just about full; we're way ahead of where we've ever been before with our shows. So far there is only one new vendor; everyone else is a repeat.

Sandra asked if there was any interest in continuing with the rolling auction. This discussion was tabled due to low attendance.

Cathy Cargile mentioned that she has reached out to Mellon Center in Concho Valley as to the possibility of hosting a mini gem show.

(See Page 11 in **Rock Talk** for further information.)

Concerning the club's annual September picnic in the park, Sandra asked whether members would want this picnic on Labor Day weekend again.

(Continued on Page 5)

(Minutes, continued from Page 4)

Blue Thompson has property near Petrified Forest she is trying to sell. There is some petrified wood and fossils on the property. Four-wheel drive is needed to access the property. More information is available from Marleigh Freyenhagen, Realtor (and club member).

There being no further business to discuss, the meeting was adjourned at 2:20 PM.

Respectfully submitted,
Shelly Applegate, Secretary

FIRST CLUB FIELD TRIP OF 2024

By
Sandra
Angelo

ATTENTION: Our field trip this month is this Saturday - January 13! This is earlier than our usual field trip day so we can take advantage of the Gila County Gem and Mineral Show. We will meet at the Chamber parking lot in Show Low at 9:00 AM. From there we will head to the fairgrounds just north of Globe. This is always an interesting show. And it is great to support a neighboring club. See you this Saturday, January 13.

IT ONLY LOOKS LIKE THE MOON!

Article by
Sandra Angelo

Photos by
Donna Pollard



If at first you don't succeed...
Actually, our November trip to Blue Hills was very successful but cut short because of the freezing rain and mud. Eighteen of us felt another trip was a good idea. It gave us a chance to check out our 20 acres.

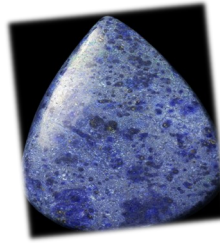
It was a clear, chilly, and somewhat windy day. Mike brought his hospitality trailer and provided coffee, tea, and hot chocolate. An exciting find was pre-dinosaur vertebrae. In addition, we found petrified wood, palm wood, coprolite, agate, jasper, fossils, and of course, RPRs (real pretty rocks). Everyone seemed pleased with their finds and look forward to repeat visits.

What a privilege to have our own collecting site so close to home!



ROCK OF THE MONTH

DUMORTIERITE



By Donna Pollard

Dumortierite is a silicate, specifically a nesosilicate where the silicon/oxygen tetrahedrons (SiO₄) are only connected by ionic bonds. The formula, Al₇(BO₃)(SiO₄)₃O₃ shows this as an aluminum borosilicate, with three separate SiO₄ tetrahedrons.

Dumortierite has a hardness (H.) of 8 $\frac{1}{2}$, specific gravity (S.G.) of 3.41, cleavage good in one direction, and an uneven fracture. While this mineral is a member of the orthorhombic mineral class, it rarely forms visible crystals, but is usually massive, fibrous, radiating, or columnar. Crystals often resemble prisms if formed large enough.

Bright colors form in this mineral as blue, violet, and occasionally pink or red/brown. The streak color is white. Transparent to translucent, with a vitreous to dull luster, dumortierite sometimes fluoresces under ultraviolet light. Acids or applied flame do not affect this mineral.

Formation

Dumortierite forms from slow cooling of magma resulting in coarse-grained igneous rocks such as granite pegmatites, with andalusite and quartz, in hydrothermal replacement deposits with andalusite and muscovite mica, and in metamorphic formations rich in aluminum, with kyanite, mica schist, marble, and gneiss. Stable formations intruded with hot fluids resulting in contact metamorphism can also form dumortierite along the cooked margins of the original formation.

Where Is It Found?

Dumortierite is a rare mineral but is found in Arizona, particularly along the Arizona/California border area. It is often mixed with, or intermixed with, quartzite. The quartzite will be more coarsely-grained and less colorful. Locations include the far eastern section of the Superstition Mountains where it is associated with metamorphic formations of marble, quartzite, schist, and gneiss; with quartz and kyanite at Clip, north of Yuma, Arizona; and around Lake Havasu. In Oreana and Rochester in Humboldt County, Nevada deep-blue and violet dumortierite can be found. Dehesa in San Diego County, California has fluorescent purple dumortierite, and blue dumortierite in gray quartz has been confused with lapis lazuli in Los Angeles County. In other areas, building excavation in New York City has produced dumortierite, and it is also found in Lyons, France; Sondrio, Italy; Brazil; and the Malagasy Republic.

Uses

Dumortierite is used to produce aluminum refractories, and if visible crystals form, it is used as a hard and durable gemstone. Tumbled and polished, it makes a striking addition to any collection.

CRAFTY CORNER

By Lidia Duvall

"BLING" IN THE NEW YEAR!



R

ing in the new year and create or wear your bling!

DID YOU KNOW

Only diamonds, ruby, sapphire, and emeralds are considered to be precious stones?

All others are semi-precious, including alexandrite, amethyst, garnet, lapis, pearl, peridot, and so many more. Semi-precious stones, however, can be more valuable, depending upon rarity, quality, etc.

So why not get those stones out and wear them as everyday wear in the new year, rather than keep them tucked away? Or get out those gem projects you have been putting off and showcase these this year. Maybe fix that broken jewelry, or do the unconventional and sew those beautiful stones to clothes, shoes, or a handbag? Remember Stan's license plate of a slab in the shape of Arizona?

Shown above are photos of examples of crafting with these stones that might give you some inspiration. Learn to drill a hole in a stone, wire wrap, or facet the stone, string those chip beads, sew with them, or repurpose broken jewelry pendants as used in the purse above. How about bedazzling that club name tag? Also is a photo of jewelry findings, including such items as a lobster claw fastener, a ring that can be fashioned by wiring on pre-drilled stone beads, and a "cage" that can be purchased in which a stone can be inserted. Add a chain, and you have a lovely necklace! The projects need not to be complicated or time consuming.

So "bling" in the new year with these wonderful gifts of nature. Get busy using those stones this year, rather than hidden away for another year! I hope to see some gem and mineral club name tags or other projects you have made that showcase gems and minerals!

Happy New Year to all and best wishes for 2024!

White Mountain Gem & Mineral Club Calendar of Events for 2024

Meetings:

**Our meeting hours are:
1:00 PM for social gathering and potluck
The meeting begins at 1:30 PM.**

Field Trips:

**Please let us know if you know of any
places that would be great for our outings!**

MONTH	MEETING	FIELD TRIP	ACTIVITIES
January	7	13-Globe	
February	4	24	
March	3	23	
April	7	27	
May	5	25	Hiway Cleanup-18th
June	2	22	Show Low Days
July	7	—	Medieval Mayhem
ANNUAL SHOW: July 26-28 Show Low Elks Lodge			
August	4	24	
September	1-Picnic	21	Hiway Cleanup-14th
October	6	26	Harvest Fest-12th
November	3	23	
December	8	14	





MEMBERSHIP APPLICATION

**PO BOX 3504
SHOW LOW, AZ 85902**

DATE: _____ **NEW** _____ **RENEWAL** _____

Printed Name(s): _____

Phone(s): _____ **Brass Name Badges (\$5 each)** _____

Mailing Address: _____ **City:** _____ **Zip:** _____

E-mail Address(s): _____

Type of Membership: **Single (\$20)** _____ **Couple/Family (\$25)** _____
(\$5 deduction if getting newsletter by E-mail)

Please send club newsletter by: **E-mail** _____ **US Mail** _____

May we have birthdays? (Month Only) _____

List any junior members you would like to sponsor (No added fee):

1. _____ **Age:** _____ 2. _____ **Age:** _____

3. _____ **Age:** _____ 4. _____ **Age:** _____

Signatures: _____ **Date:** _____

Seasonal members, please list alternate address and months of residency:

Address: _____ **City:** _____ **Zip:** _____

Months: _____ **Phone:** _____

FROM THE DESK OF THE SHOW CHAIR.....

By Cathy Cargile

2024 SHOW UPDATE

Our 25th Gem Show July 26, 27 and 28 at the Elks Lodge is shaping up to be stellar!!! There are already 49 tables sold!

Shown below is our first promotional piece that we encourage you to share with your friends and fellow rockhounds. We will also have a banner ad at www.rockandmineralshow.com very soon!

We have taken all the submitted suggestions for improvement into account. Our floorplan will leave more space, our displays will have their own special location, the admission area will be streamlined and much more.

Carol Glick and I have several new educational activities planned to enhance the already successful ones we traditionally have. Carol asks that you please collect small specimens to contribute and if you tumble- polish rocks please plan to tumble some for the kids!



**OUR 25th
ROCK, GEM
& MINERAL
SHOW**



WHITE MOUNTAIN GEM AND MINERAL CLUB
SHOW LOW, ARIZONA

JULY 26-28, 2024
Friday/Saturday 9:00AM-5:00PM
Sunday 10:00AM-4:00PM

Location: Show Low Elks Lodge
805 E. Whipple Street, Show Low, Arizona

Admission \$4.00
Kids free w/adult

Why not join us this summer in the cool White Mountains of Arizona at our **25th GEM, MINERAL, AND FOSSIL SHOW!** Vendors from all over will be present, displaying everything a collector could possibly be looking for, including:

★ *Jewelry* ★ *Fluorescents* ★ *Gold* ★ *Displays* ★ *Demonstrations*
 ★ *Kids' Corner* ★ *Door Prizes* ★ *Raffles* ★ *Silent Auction*

Food service from 11:30 to 2:30 daily.
 Contact us at www.whitemountain-azrockclub.org



WHAT ABOUT . . . A MINI-SHOW IN CONCHO?

By
Cathy Cargile

We have an opportunity to have a mini-show at the Mellon Community Center in Concho on March 16 the day before St. Patrick's Day. This has not yet been fully committed to and will not be until we have the needed vendors and volunteers agreed to participate.

For this to happen, we need 12 to 15 club members who are willing to be vendors plus two or three more as volunteers. Mellon Center generally charges groups that sell to the public \$200. To cover this cost each vendor would need to contribute \$10 to \$15 per table.

Concho is not a wealthy area so being a vendor would mean having a selection of inexpensive rock related items for sale. It would also include having an educational display for kids and adults in some aspect of geology, giving samples, or having a game or craft. Carol Glick and I have some ideas that are easy and almost free to set up. I, Cathy Cargile, am willing to be in charge and I will have a booth. Who will join me??? Please call or text me right away.

Mellon Center will help us promote in their newsletter and we can put up flyers from Springerville to Show Low and surrounds. Admission is free to this mini-show.

In order to secure and confirm the date of March 16 we will need the team of vendors and volunteers confirmed by Monday, January 22 as the Mellon Center Board meets on Thursday to make their plans for the next couple of months.

As soon as we have confirmation, we can rock and roll on our specific plans! Looking forward to hearing from YOU right away and hope you will take this opportunity to sell and give away some of your specimens!

Cathy Cargile, 714 348-9162




LET'S BUILD UP OUR CLUB MEMBERSHIP TOGETHER!

By
Cathy Cargile

One of the goals for White Mountain Gem and Mineral Club this year is increase our membership to include more young people and children with their parents.

You can help by inviting your family and friends who have interest in learning more about geology, going out on field trips and participating in our club. A special flyer has been designed for this purpose, and you will find it on the next page (Page 12). If you wish to have a master to copy and distribute, please let Carol Glick or Cathy Cargile know and one will emailed to you.



THE WHITE MOUNTAIN GEM & MINERAL CLUB WELCOMES GUESTS AND NEW MEMBERS

Join us the first Sunday of each month at the VFW on Central Avenue in Show Low. Social time is at 1:00 PM; the meeting is from 1:30 to 3:30 PM.
(Don't be shy, just drop by! We would love to see you.)

Are you and/or your children interested in:

- *rocks
- *geology
- *minerals
- *gems
- *fossils

For more information visit our website:
<http://www.whitemountain-azrockclub-org>



January 17-21—QUARTZSITE , ARIZONA: Wholesale and retail show; Quartzsite Improvement Association; Quartzsite Improvement Association, 225 E Ironwood; Wed. 9-5, Thu. 9-5, Fri. 9-5, Sat. 9-5; Free; Over 250 vendors in one location Full service dining options Daily Rockhounding trips; contact Nancy Nichols, (928) 927-6325; Email: Powwow@qiaarizona.org

January 2024-February 2024

24-4—TUCSON, ARIZONA: Annual show; JOGS Tucson Gem & Jewelry Show; Tucson Expo Center, 750 E Irvington Rd ; daily 10-5, Sun. 10-4; Registered Buyers: FREE - General Admission: \$20 - Proof of Military: FREE - Children: No Children Under 14; The show features a wide variety of products from a diverse group of vendors, including jewelry designers, manufacturers, miners, wholesalers, and jewelry liquidators from countries such as the US, Europe, Africa, India, Thailand, Mexico, Canada, Germany, Nepal, Poland, Russia, and more; contact Yelena Masenko, (213) 629-3030; Email: advertising@jogsshow.com; Website: www.jogsshow.com

27-10—TUCSON, ARIZONA: Wholesale and retail show; Adam Aaronson; Mineral and Fossil Marketplace, 1333 N Oracle Rd; daily 10-6; Free; Get up close to gigantic sea monsters and full-size dinosaur skeletons! The Mineral and Fossil Marketplace is growing. New container lot, large tent, and remodeled gallery host international fine minerals and one of the best fossil exhibitions in Tucson. Come find meteorites, monster crystals; contact Adam Aaronson, (520) 245-3052; Email: mineralfossilmarketplace@gmail.com; Website: mfmshow.com