



Pick & Shovel

**San Gorgonio
Mineral & Gem
Society**

President's Message

Hello to all and I hope everyone is enjoying the beautiful outdoors and spring weather. I want to thank Pedro and his family for the rocks they brought in for possible critter making that he had leftover from his work. We will be able to utilize them all. A big thank you to Karen Fitzpatrick for bookshelves and other items she donated to the club.

We will miss her as she is relocating to Kansas to live near her sister. We wish her well in her transition. Fred and I placed the shelves in our containers and unpacked lots of boxes to find some nice items that the shelves can hold until they are needed.

Looking forward to our upcoming general meeting about gold mining and hope you all can

be there and find it of interest. Also, remember this will be our last general meeting until September. Also, make plans if you can join us for our picnic on July 13th. Wishing you all a very safe and enjoyable summer.

Peggy Richard

Volume 7, Issue 4
May/June 2024

Our Mission Statement

The San Gorgonio Mineral and Gem Society is organized to disseminate knowledge of mineralogy and the Earth sciences, and shall endeavor to unite and associate those persons who are interested in the collecting of semi-precious stones and the study of minerals and sciences; to encourage and practice the study of the lapidary art; to provide field excursions to localities of interest; and for enlarging our fund of geological knowledge.

At The Clubhouse...



Thank you, Karen Fitzpatrick for your donation of shelving and tables.

Shop Day

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May 7, 2024 - General Meeting Minutes

Call to Order at 7:00pm

Welcome our new Guest -
"Riz" Rizzo

Flag Salute

Sunshine Report -

Happy Mother's Day and Happy Memorial Day to everyone celebrating these days this month.

New Business-

Rockhound of the year for 2023, was given to Tammy Cardona. She received her certificate and pen at the Christmas party last year.

Club directory was passed out to everyone at the meeting. Use this as needed and it will be helpful as you make decisions for electing board members and the Rockhound of the year in elections that are coming up later this year.

May 11th, Beaded Earring class from 9:00 to 12:00 noon. Let Peggy know if you will be attending. Also, Fred will be teaching cabbing that day to a

few new members. Contact Fred if you are interested.

May 18th, field trip to Kramer Junction to find petrified wood, agate, opaline and jasper. Meet at 9:00am at the abandoned Burger King at Hwy 395 and Hwy 58 highways. High clearance vehicles with good tires. Bring protective clothing and shoes and sunscreen, also bring plenty of water as it is all important. Also a spray bottle, snacks and food, rock hammer and protective glasses. John Scofield will be leading the group. Contact Fred for more information.

June 1st, field trip to Big Bear for crystals. Meeting at 9:00am at Big Bear Discovery Center in Fawnskin. Meet at PCT, bring your rock hunting tools, good shoes, hat, sunscreen, lots of water, snacks and food. Contact Fred for more information.

July 13th, Club picnic held at Wildwood Park in Yucaipa starting at 10:00am with lunch at 12:00 noon. Bring your own chair

and a side dish, sign up sheet available. Our club will supply the main dish, chicken. There will be a silent auction so if you have items to donate, bring them.



The program tonight was Rock Bingo and everyone was a winner.

Winner of the auction was Anjanette Lomas. Congratulations.

Respectfully submitted by
Jackie Misuraca,
Secretary

Birthday Wishes to these Club Members!

June

Lupe Barron on the 2nd.

David Good on the 19th.

Ann Davila on the 24th.

July

Robert Rinaldi on the 3rd.

Dee Reich on the 7th.

Angel Gould on the 9th.

Lee Grisham on the 9th.



Keith Bagnell on the 11th.

Helen Sapienzae on the 11th.

Loretta Rinaldi on the 17th.

Susana Velazquez on the 27th.

Todd Zola on the 29th.

August

Lance Albrecht on the 8th.

Jan Spinney on the 31st.

May 21, 2024 - Board Meeting Minutes

Call to order - 6:02pm

Sunshine Report/Correspondence
Susana Velasquez is dealing with some medical issues. We wish her well.

We would like to congratulate Alexa Velasquez on her graduation day at the College of the Desert.

Treasure's report/new member - Club finances are good.

Congratulations to our new member "Riz" Rizzo, board voted and approved his membership.

Old & New Business - Report on field trip to Kramer Junction with Fred and John. They had a good turn out with 16 people attending, searching for Jasper and Agate. While there everyone got to observe a desert tortoise in the wild. How exciting!

Review on recent work done on the club building and property. Fred resealed the roof over the saw shed. Fred reorganized the inside of the white building by removing the tables and set it up so that it is much easier to walk through to look at the different rocks. The ramp in the back of the building, the wood platform needs to be replaced. Fred suggested having a grate installed so that the dirt and stickers from you shoes will fall through before entering the building.

Fred mentioned that the cab machines are being operating with little water or almost dry.

That damages the machine. This goes for all cab machines, you must know how to properly use the machine and to make sure you have the right amount of water running during use. If you need instructions on operating the machine contact Fred or Bert.

May 25th, is Shop Day from 8 am - 12 noon.

June 1st, is the field trip to Big Bear for crystals. Will meet at 9:00am at the Big Bear Discovery Center, 49071 N. Shore Dr. Hwy 38, Fawnskin, Ca. Contact Fred if you have any questions.

CFMA-AFMS Show and Convention in Ventura on May 24-26. it is being held at Ventura Fairgrounds from 10am to 5pm Friday - Saturday and Sunday 10am - 4pm. Admission is \$8.00 and kids 12 and under accompanied by an adult are free.

June 4th is our next general meeting at 6pm with guest speaker Lachlan Mc Whorter, Vice President of 1st Class Miners from Yucca Valley/29 Palms to do a presentation of gold mining in the area.

June 8th and 22nd are shop days from 9 to 12. There will be a sign up sheet for those days.

July 6th, field trip to Wrightwood for Actinolite. There will be a sign up sheet and more information to come.

July 13th is our Club Picnic at Wildwood Park. Come early, enjoy the park and a silent auction

will be part of the fun. Members are encouraged to bring items to set out for the silent auction as a Club fundraiser. We will be eating at Noon. Sign-ups have started and get your name(s) and items on the list. Club provides the chicken, eating utensils, plates and tables. Bring your own chairs and drinks.

There will not be a meeting in July and August. If you'd like to come in to use club equipment, contact Fred to make arrangements. Otherwise, we will be back in September with our regular schedule meetings. Have an excellent and safe summer!

CFMS Camp Paradise in Sacramento meets August 18-24 & 25-31. Contact Peggy for more information and if you'd like an application.

Correction to the recent directory, Dave Goode phone number is 951-851-8464. "Riz" Rizzo phone number is 818-331-7802. Any other corrects needed please contact Peggy or Lance or who can make the changes.

Meeting adjured at 7:00pm

Respectfully submitted by
Jackie Misuraca,
Secretary



▶ June 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Field Trip to Big Bear for crystals
2	3	4 General Meeting 7pm, Potluck 6pm	5	6	7	8 Shop Day 8am-12pm
9	10	11	12	13	14	15
16	17	18 Board Meeting 6:00pm	19	20	21	22 Shop Day 8-12pm
23	24	25	26	27	28	29
30						

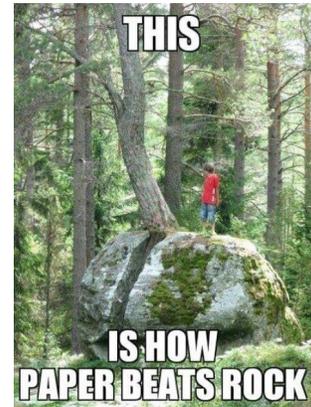
▶ July 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6 Field Trip for Actinolite
7	8	9	10	11	12	13 Club Picnic at Wildwood Park 10am to 3pm
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

You Know You're A Rockhound If ...

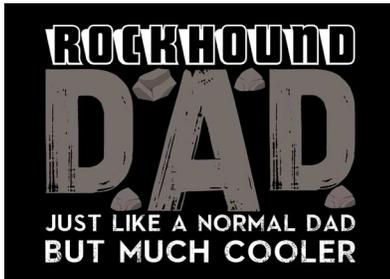
- You prefer baryte roses to real ones.
- Your garage is so full of rocks that the car won't fit in.
- You collect interesting specimens, including the brown unknown ones, just in case they might turn out to be something special.
- You've ever dumpster-dived at a marble warehouse.
- You color co-ordinate your clothes and shoes to match your gemstone pendants.
- The sign on the side of the road says "Falling Rock", and you pull over to wait.
- You like to examine the rocks in your driveway.
- You treasure ancient, fossilized animal dung.
- You spend hours

searching the ground while everyone else around you gets bored.



and finally...

- Diamond saws are a girl's best friend



Board of Directors - 2024

President	Peggy Richard	C (951) 963-6751
First Vice-President	Fred Richard	C (316) 519-8505 (In charge of programs)
Assistant to First Vice-President	Robert Rinaldi	C (951) 306-7104
Second Vice-President	Bob Zola	C (714) 488-9806 (In charge of picnic)
Assistant to Second Vice-President	John Scofield	H (951) 314-8486
Secretary/Alternate	Jackie Misuraca	C (760) 250-3636
Treasurer	Lee Grisham	H (909) 790-8677
Director/Assistant	Bert Grisham	C (Christmas party)
Bulletin Editor	Lance Albrecht	C (760) 641-6291
Gem Building Supervisor	Peggy Richard	C (316) 519-8505
Hospitality & Hostess	Lee Grisham	H (909) 790-8677
Sunshine (Near Beaumont)	Lee Grisham	H (909) 790-8677
P.O. Box/Alternate	Lee Grisham	H (909) 790-8677
Field Trip Chairman/Alternate	Fred Richard	H (316) 519-8505
	Tracy Albrecht	C (760) 641-8832
CFMS Director/Alternate	Roger Thompson	H (760) 902-5340
	Judy Thompson	H (760) 902-5340
Fair Chairman	Vacant	

San Gorgonio Mineral & Gem Society



P.O. Box 424
Banning 92220
Phone: 951-963-6751

Place address label here

Pick & Shovel

See us on the
Web! At
SGMGS.org

What Makes a Fluorescent Mineral?

All minerals have the ability to reflect light. That is what makes them visible to the human eye. Some minerals have an interesting physical property known as "fluorescence."

These minerals have the ability to temporarily absorb a small amount of light and an instant later release a small amount of light of a different wavelength. This change in wavelength causes a temporary color change of the mineral in the eye of a human observer.

The color change of fluorescent minerals is most

spectacular when they are illuminated in darkness by ultraviolet light (which is not visible to humans) and they release visible light.

Fluorescence in minerals occurs when a specimen is illuminated with specific wavelengths of light. Ultra violet (UV) light, x-rays, and cathode rays are the typical types of light that trigger fluorescence. These types of light have the ability to excite susceptible electrons within the atomic structure of the mineral. These excited electrons temporarily jump up

to a higher orbital within the mineral's atomic structure. When those electrons fall back down to their original orbital, a small amount of energy is released in the form of light. This release of light is known as fluorescence.



Fluorescent fluorite crystal under UV light