



# THE POLISHED SLAB

SOUTHERN NEVADA GEM AND MINERAL SOCIETY



May 2023

A NEWSLETTER FOR ROCKHOUSES SINCE 1940

VOLUME 83 ISSUE 5

## UPCOMING MEETINGS

**June 1, 2023 - Board Mtg**

**June 5, 2023 - General Mtg**

**NEW GENERAL MTG TIME:  
5:30 PM**

### SNGMS Contacts:

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Hi All!

It's always a bright spot in the Spring to attend the Boulder City Jamboree festival. They have an old car show, dog competitions, vendors, and food stalls. Up in the air-conditioned gym, you'll find our Spring Jamboree Gem and Mineral show. This is an exciting show with lots of vendors and activities like the Kid's Tables, the Silent Auctions, and I heard we might even see a Dinosaur walking around! Bring your friends and family for a fun-filled day!

If you'd like, still needed are volunteers to assist Thursday and Friday, or at the show Saturday and Sunday, or at the unloading on Monday. Please contact Amber at [sngmsjamboreeshowchair@gmail.com](mailto:sngmsjamboreeshowchair@gmail.com) to let her know when you can help.

Remember because of the show, the shop will be closed Thursday May 4 – Monday May 8, and re-open Tuesday May 9. Andrea Kincannon promises a sparkling clean shop floor to greet you!

There's also a lot of other activities going on to keep you busy:

May 6 & 7 – Mojave County Gemstones Show, Kingman AZ

May 14 – Mother's Day

May 29 – Memorial Day

June 1 – Board Meeting at SNGMS Lapidary Shop, 6 pm

June 2-4 – Whole Beads show at Santa Fe Station, Las Vegas

June 3-4 - The 3rd Phoenix Heritage Mineral Show, Phoenix, AZ

June 5 – General Mtg, Easter Blue Mine drone footage, by Harrison Brook

Wow, so busy! And the weather is so beautiful, I bet you'll be rockhounding too. (There have been several reports of rattlesnakes out, so please take care.) You can create new gems with your rocks in the shop, and there are lots of classes to teach you how to design the perfect one. All the classes are listed on the monthly calendar.

**SPECIAL ANNOUNCEMENT:** Because we seem to always be running short of time, I asked the membership, and received an overwhelmingly received a positive response, to change the start time for our monthly meeting to 5:30 pm. The doors will still open at 5:00 pm for table vendors in the lobby.

See you in the rocks!

Andrea Packo

SNGMS President

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## 2023 Field Trips<sup>1</sup> & Events

Field Trip <sup>1</sup> /Event	Date	Location
SNGMS Gem & Mineral Show <sup>4</sup>	May 6, 2023, 9 am –5 pm May 7, 2023 9 am – 4 pm	Parks & Recreation Gym 900 Arizona St., Boulder City, NV
Spring Jamboree <sup>4</sup>	May 6 -7, 2023, 9 am – 4 pm	Bicentennial Park, Boulder City, NV
Agate and Chalcedony Trip <sup>1</sup>	May 8, 2023	Bitter Springs, NV
Kids Club May 20 Ore Car Mine Field Trip, Gold Panning & Prospecting Merit Badge 12.7 - <b>RSVP required by May 12</b> <sup>5</sup>	May 20, 2023	SNGMS Ore Car Mining Claim, Mile Marker 16 off of North Shore Road at Lake Mead National Recreation Area
JOGS Las Vegas Gem & Jewelry Show	May 29 – June 1, 2023	Mirage Events Center, 3400 Las Vegas Blvd S, Las Vegas, NV 89109
Phoenix Heritage Mineral Show Hosted by Mineralogical Society of AZ	June 3, 2023, 9am - 5pm June 4, 2023, 9am - 4pm	Phoenix Shrine Auditorium, 552 N 40th St, Phoenix, AZ 85008. Cash Admission - \$5.00 Adults, \$3.00 MSA Members, Kids 12 and under free
Phoenix Heritage Mineral Show Saturday Night Program & Dinner Event	June 3, 2023 5 – 10 pm	Phoenix Shrine Auditorium, 552 N 40th St, Phoenix, AZ 85008 Red Fez Room \$45/person. Register at <a href="https://www.msaz.org/event-5268737">https://www.msaz.org/event-5268737</a>
Agate and Jasper Trip <sup>1</sup>	June 10-11, 2023	South Cadys, CA
Rocky Mountain Federation Of Mineralogical Societies <sup>2</sup>	July 13 – 16, 2023	Ramkota Hotel, 800 N Poplar, Casper, WY
Agate and Jasper Trip <sup>1</sup>	August 12-13, 2023	Utah – Holt Canyon &/or Milford
Tonopah Rock and Bottle Show <sup>3</sup>	August 4 – 6, 2023	Tonopah, NV
JOGS Tucson Gem & Jewelry Show	August 31 – September 3, 2023	Tucson Expo Center, 3750 E Irvington Rd, Tucson, AZ 85714
Purple Agate Trip <sup>1</sup>	September 23 - 24, 2023	Burro Creek, AZ
Variscite/Turquoise Pay to Dig <sup>1</sup>	October, 2023 – exact date TBD	Tonopah, NV or Kokoweef, CA

- 1) Field trip destinations, dates, and times are subject to change. Contact Joel Coombs [joel.coombs@bldr.com](mailto:joel.coombs@bldr.com)
- 2) Contact Mac Goss [macogre13@gmail.com](mailto:macogre13@gmail.com)
- 3) Classes and vendor booths available, contact Chrissy Pope, 775-277-0840 [chrissy.townoftonopah@gmail.com](mailto:chrissy.townoftonopah@gmail.com)
- 4) Free admission. Contact [sngmsjam@gmail.com](mailto:sngmsjam@gmail.com) for vendor and volunteer information
- 5) MUST RSVP to Wendy Dresser at 702-556-2748 (text or call)

### Some links with information about shows and exhibits that you may find helpful:

American Federation Of Mineralogical Societies – [www.amfed.org](http://www.amfed.org)

Rocky Mountain Federation of Mineralogical Societies – [www.rmfmms.org](http://www.rmfmms.org)

Rock & Gem Magazine website – [www.rockngem.com](http://www.rockngem.com)



June 2, 2019 SNGMS Field Trip, Tecopa, California



**Minutes of the Board Meeting, April 27, 2023  
4 p.m., held at Desert Art Supply**

**Board members present:** Andrea Packo, President; Orville Wiemers, Vice President; Peggy Sue Moore, Treasurer; Bob Belcher, 3 year Board; Del Walkenshaw, 2 year Board; Ron Mazz, 1 year Board; Jack Toogood, Parliamentarian. Lorrilee Stackhouse, Secretary, absent due to medical reasons, Lloyd Chayette, Director, absent.

**Pledge of Allegiance:** The pledge of allegiance was recited.

**Minutes of previous meeting:** read by Peggy Sue Moore, Treasurer and Acting Secretary. The minutes were approved as read.

**Treasurer's report:** Ending balance in checking account \$18,859.85, with a deposit to be made before end of the month.

**Shop Report:** a new saw blade is needed for the 24 inch saw. A motion for approval in the amount of \$400.00 to replace the blade was made by Del Walkenshaw and seconded by Andrea Packo. The motion was approved. Steam cleaning of the shop office is scheduled for May 4th

**Unfinished business** : Wayne Muth needs new contacts for the Brinks security system.

**Spring Jamboree update:** Ron Mazz reported that he now has good geodes ready for the Spring Jamboree.

**Upcoming events:** refer to the calendar of events.

**Future Classes:** refer to the calendar of events.

**Spring Jamboree:** The Jamboree is slated for May 6<sup>th</sup> and 7<sup>th</sup>, 2023. A schedule of events for the Jamboree was presented by Amber Palecek.

**Viva Las Vegas Rocks Show:** The show committee is signing up vendors at this time, and the Vendor Package is posted on the website.

**Field trips:** The next field trip will be to Bitter Springs on Monday 8, 2023. Participation is limited to 10 vehicles.

**Future speakers:** The May 2023 speaker will be John Fish on gemology and his jewelry school.

**Meeting Adjourned:** The Board Meeting adjourned at 5:30pm.



## Minutes of the SNGMS General Membership Meeting, 5/1/2023, 6:00 p.m.

General Membership meeting convened at 6:00 p.m. The Pledge of Allegiance was recited.

**Minutes of the Previous Meeting:** Minutes of the previous General Meeting were read by Peggy Sue Moore, substituting for Lorrilee Stackhouse, Secretary. The minutes were approved as read.

**Treasurer's Report:** After the most recent deposit, the March 2023 closing checking account balance is: \$22,599.27. Fixed income securities are \$108,317.70, and the Cash and Sweep balance is \$11,519.81.

**Kid's Club:** Wendy Dresser reported that the trip to the El Dorado Mine was a great success and the participants earned their Gold Prospecting badges. The donor for this was trip was David Ford.

**Presentation:** John Fish, of John Fish Jewelers gave a presentation which consisted of the history of his store and school along with samples of rocks and minerals. John is second generation at this store and his children are now participating in the business. You can visit his store in the Commercial Center on Sahara.

**The Raffle/Drawing** was held during the break.

**Sunshine report:** Beth Jones reported that Lorrilee Stackhouse is home and recovering well.

**Spring Jamboree report:** Amber Palecek requested more volunteers for the show on May 6<sup>th</sup> & 7<sup>th</sup>. Ron Mazz reported that he had the geodes ready for the Jamboree.

**Unfinished business:** As a follow up to the approval of the Viva Las Vegas Rocks show in November, the written budget was passed out and a motion to accept this budget was made by Karen Semplinski and seconded by Deb Bucknam. The motion passed.

**T-Shirts:** Lloyd Chayette reported that the t-shirts would not be ready in time for the Spring Jamboree but will be ready shortly thereafter. SNGMS asked for a widening of the lines in the design for greater visibility.

**New Business:** Andrea Packo discussed starting SNGMS General Meetings 5:30pm, instead of 6:00pm to ensure the obligation to clear the Eagles Lodge by 8:00 pm is met. A motion to approve was made by Fran Stratton and seconded by Mark Pruter. The motion passed. The raffle will be moved back to the end of the meeting.

**Cabochon Contest:** The theme for this month was lobster. 1<sup>st</sup> place went to Lloyd Chayette and second place went to Joel Coombs.

**Membership Report:** Claudia Crouse reminded everyone that the late renewal fee period was over at the end of January so all renewals coming in at this time will show new member dates.

The meeting adjourned at 7:33pm



## SNGMS GEM & MINERAL SHOW BOULDER CITY SPRING JAMBOREE

### SILENT AUCTION, 50/50 DRAWING, AND T-SHIRTS

Parks & Recreation Gym  
900 Arizona St., Boulder City, NV



Karen Semplinski

Check out the silent auction and 50/50 drawing at the Spring Jamboree! The Silent Auction includes some fabulous turned wood pieces kindly donated by SNGMS member Karen Semplinski.

There will be a 50/50 drawing. Tickets will be sold at the Jamboree for \$10. The drawing will be for \$4999 with the winner receiving half (\$2499.50) and the other half going to SNGMS as a fundraiser.



Artisan Turned Wood and Soap Stone for Spring Jamboree Silent Auction

SNGMS T-shirts might not be available at the Jamboree due to production problems. They will be sold for \$20 each. A total of 100 shirts will be made.

### Why is the T-Rex Skeleton at the Jamboree Named Ed? By Sheri Johnson

For anyone who has attended the Spring Jamboree Gem & Mineral Show in the last few years, you may have noticed the 7-foot T-Rex skeleton overlooking the show floor.

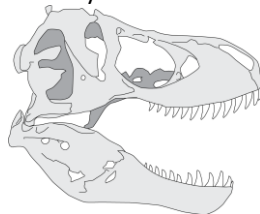
His name is Ed, after Ed Rupprecht, one of the founding members of the Las Vegas Gem Collectors Club that eventually became the Southern Nevada Gem & Mineral Society.

Ed was always in the shop, showing new members how to cut, shape and polish cabs. Many of us learned how to turn an ugly rock into an amazing cabochon because of Ed. Whenever anyone asked, Ed was quick to teach, especially kids.

In 2014, SNGMS partnered with Boulder City Chamber of Commerce to have its first Gem & Mineral Show since 2004. Ed was there on Friday during the show set-up, with a joke and helpful advice. He was incredibly happy that SNGMS was having a show again. We all said our goodbyes for the night, excited for the first day of the show on Saturday.

On Saturday morning, Ed's wife Jaen loaded Ed into the car to head to the show. Sadly, he passed away before she started the car.

SNGMS purchased the T-Rex skeleton in 2017. Jaen graciously agreed to allow us to honor him by naming the skeleton "Ed" so that he can always attend the SNGMS Shows. Say "Hi" to Ed when you are at the Show, he would appreciate it!



**SNGMS Meeting Schedules and Lapidary Shop Hours**

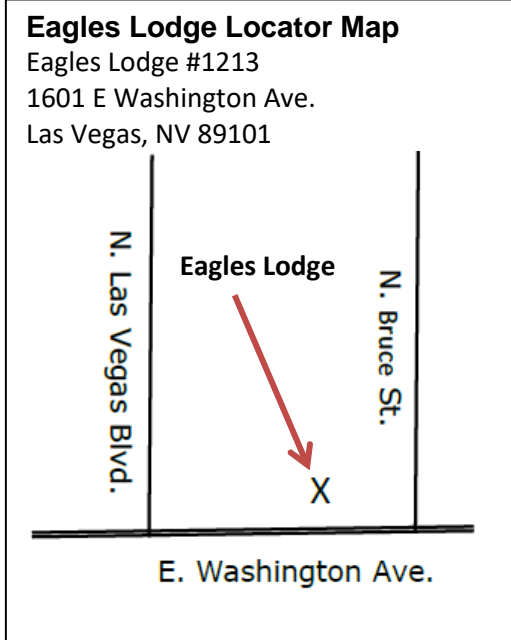
SNGMS 2023 Meeting Schedule	
Board Mtg	General Mtg
1-Jun	5-Jun
6-Jul	10-Jul
3-Aug	7-Aug
7-Sep	11-Sep
28-Sep	2-Oct
2-Nov	6-Nov
30-Nov	none
<b>Awards Banquet</b> Dec-03	

**SNGMS General Meeting**  
*Non-members welcome!*

1st Monday of every month (2nd Monday if a holiday falls on the first Monday). No meeting in December.

We meet at:  
Eagles Lodge  
1601 E Washington Ave.  
Las Vegas, NV 89101

Show & Sell 5-5:30 PM  
General Meeting 5:30-8 PM



**Rock Stars Kids Club** meets the 2nd Sunday of every month (unless it falls on a holiday) from 3pm - 5pm at the SNGMS Lapidary Shop

**Location of the SNGMS Lapidary Shop**

3111 South Valley View Blvd,  
Building E Shop Suite 125  
Las Vegas, NV 89102

Please, **under no circumstances**, park in front of Unit 124 or Unit 126 (the units next to the SNGMS Shop). The owners of the units come in at odd hours and need access to their parking spaces. There is ample parking across from the SNGMS Lapidary Shop that is not in front of any unit.

**Finding the SNGMS Lapidary Shop**

Proceeding west on Desert Inn Road, take the first right past South Valley View Blvd. into the industrial park area. Drive past the building on your right, then jog right, then left and you will be in front of Building E. Another option is to enter off of Wynn Rd. Go west on Desert Inn Rd. to Wynn Rd., turn right onto Wynn Rd. and go to the first entrance on the right (past the BIG white Commercial building sign) turn right and straight in front of you is Building E, Suite #125.



**SNGMS LAPIDARY SHOP HOURS\***

Sunday 10 am - 3 pm  
Monday Closed for general use: Various Classes  
Tuesday 10 am - 7 pm  
Wednesday 10 am - 7 pm  
Thursday 12 - 9 pm  
Friday 12 - 9 pm  
Saturday 1 - 6 pm

**SHOP EQUIPMENT FEES:**

All equipment is \$6/hour. Machines are metered, so you only pay for the time the equipment is actually running.

**SHOP CLOSED:**

Kids Club: 3- 5 pm 2nd Sunday of the Month  
Board Meeting: Various Thursday Nights 6 - Approx 7 pm

**\*Check Email and "Polished Slab" for possible date changes.**



## Lapidary and Jewelry Studio Tips & Tricks

### Rock Tumbling

The simplest and cheapest lapidary art form is rock tumbling. Tumbled rocks are smoothed, rounded, and polished by moving the rocks through grit suspended in water. You need a tumbler and abrasives, and the rough stones you want to polish. To use a tumbler, place the rocks, water, and the abrasive grit in the tumbler drum, following the directions for your tumbler model. Tumble first with coarse grit, then medium, and fine. There are two types of tumblers: rotary and vibratory. Vibratory tumblers shake the rocks and grit. Vibratory tumblers work faster than rotary tumblers, but their drums wear out quickly. Rotary tumblers roll the rocks and grit over each other, and they are the most common type of tumbler for hobbyists.

Rotary tumblers have one or two drums, usually made of rubber to reduce noise during tumbling. A rubber gasket keeps the lid from leaking, and the drum sits on rollers that are rotated by a motor. If you just want to polish a few stones, you might not need a tumbler large enough to do them all at once. With a smaller tumbler, you may have to process your stones in batches.



Typical Rotary Tumbler



Rotary Tumbler Parts

### Stone Sizes

If you put only large rocks in the tumbler, there will be few contact points between the rocks, and little grinding will occur. With a range of rock sizes, the small rocks fill the spaces between large rocks, creating more points of contact between the rocks. Grinding occurs when grit gets caught between the rocks, so the more points of contact, the more effective the grinding. The largest stone you can tumble is about half the diameter of the drum. A tumbler with a drum 4 inches in diameter can polish 2 inch diameter stones. Put stones with a variety of sizes in the tumbler. The sizes should range from not more than half the diameter of your drum to about 1/10th the size of the largest stone. If all the sizes you need aren't available, use a hammer to create them. Alternatively, you can buy ceramic media filler.

### Stone Hardness

All the stones in the drum need to have the same hardness. Harder stones will scratch softer ones. Stones used just for filler can be softer than the stones you want to polish, since it doesn't matter if the filler is scratched. Not all stones will take a polish, just the harder ones. Try scratching them with a pocketknife. If you cannot scratch the rock, it will take a polish.

### Avoid Contamination

Different size grit is used for each step of the tumbling process. If grit sizes get mixed up, it can cause problems. For example if coarse grit gets into the medium grit, it will scratch the rocks and you might need to do the medium grit step over again with new grit. Avoid this type of contamination by rinsing the rocks and the tumbler drum when you change grit sizes. Contamination from rocks that are brittle or have a granular texture can also happen. These rocks might break or shed grains in the tumbler. The grains and broken pieces can cause unwanted scratches. To detect rocks that will shed grains in the tumbler, rub two of your rough rocks together while applying a bit of pressure. If particles are coming off the rocks, then don't tumble them with quality rough stones.

### Location, Location, Location

Tumblers are noisy and can run for days. Rubber drums help reduce noise. Placing the tumbler on the **FLOOR** (not a shelf) in a closet helps. Sometimes placing the tumbler on a towel or a piece of carpet helps. Be considerate in your placement if you live in an apartment. Enclosures are not recommended because tumbler motors are air-cooled. If they overheat, the life of the motor is shortened.



2023 Cabochon Contests

MONTH	CABOCHON THEME	CONTEST WINNER
January	Rainbow Trout	Lloyd Chayette & Bruce Martin tied
February	Lion Fish	Lloyd Chayette 1 <sup>st</sup> George Stewart 2 <sup>nd</sup>
March	Clown Fish	Lloyd Chayette 1 <sup>st</sup> Bruce Martin 2 <sup>nd</sup>
April	Jellyfish	Ron Mazz 1 <sup>st</sup> , Bruce Martin 2 <sup>nd</sup>
May	Lobster	Lloyd Chayette 1 <sup>st</sup> , Joel Coombs 2 <sup>nd</sup>
June	Starfish	
July	Octopus	
August	Seahorse	
September	Coral	
October	Shark	
November	Whales	

The SNGMS hosts a cabochon contest at each of our monthly meetings. Bring a cab you have cut that matches that month's theme. Meeting attendees vote on their favorite cab, and the first and second places winners are announced at the meeting. The first place award is 2 hours of free shop time, and the second place winner gets 1 hour of free shop time. The June 2023 cabochon theme is "Starfish."

**Good Luck!**



Starfish

**TO BE ELIGIBLE FOR THE CABOCHON CONTEST YOU MUST HAVE AT LEAST ONE HOUR OF PAID SHOP TIME FOR THE PRIOR MONTH.**

**May 2023 Cabochon Contest Winners**

Lloyd Chayette took 1st place (entry #1) and Joel Coombs won 2nd place (entry #5) in this month's cabochon contest.



Left to right:  
Joel Coombs & Lloyd Chayette

**Sunshine Report**

*from Beth Jones*

If you hear of any SNGMS member with an event to celebrate (wedding, anniversary, etc.) or who is in need of a bit of sunshine due to accident, illness, etc., PLEASE call Beth Jones at 702-505-5819 or email her at punkyjones@hotmail.com (please put SNGMS Sunshine in the Subject).

Lorilee Stackhouse is still recovering from an illness. Beth Jones' brother started chemotherapy.





**Nevada Fossil Finder Puzzle**

Words are written in straight lines forwards, backwards, up, down, and diagonally. When you find a word, circle or highlight it. Answers on page 10.

O	Y	W	A	X	S	A	B	E	R	T	O	O	T	H	C	A	T
M	R	L	G	H	I	F	O	D	W	S	Q	U	O	T	O	D	I
H	O	T	U	L	T	M	A	N	T	L	U	C	A	V	N	E	P
A	V	A	H	U	I	F	D	I	N	O	S	A	U	R	U	D	J
I	C	N	T	O	C	O	A	Z	S	T	S	M	W	A	N	P	C
T	S	D	P	A	C	G	N	M	I	H	S	E	N	N	D	I	U
E	A	I	J	A	M	E	B	E	D	R	T	L	O	O	I	J	B
L	U	A	R	D	U	Z	R	G	H	A	R	O	S	T	R	L	R
L	P	T	H	M	M	O	O	A	M	M	O	N	I	T	E	S	A
Y	S	O	I	A	S	W	M	F	S	T	M	I	B	A	W	L	C
O	N	M	S	M	H	I	U	A	C	O	A	C	O	Y	O	A	H
S	M	A	T	M	E	F	I	U	E	E	T	O	P	S	L	C	I
T	B	R	Y	O	Z	O	A	N	N	H	O	R	S	E	F	O	P
P	J	O	I	T	R	O	C	A	O	T	L	L	E	N	A	N	O
H	N	U	R	H	P	E	T	R	I	F	I	E	D	W	O	O	D
A	D	A	S	S	I	C	A	G	V	I	T	W	E	D	I	D	T
I	C	H	T	H	Y	O	S	A	U	R	E	C	L	A	N	O	B
C	H	R	Y	T	E	L	I	A	T	O	M	D	H	W	T	N	E
S	H	P	L	Y	T	A	R	C	H	A	E	O	C	Y	A	T	H

**Sandy Valley Earth Day**

Mary Beth Paladino gave a presentation about fossils at the Earth Day celebration in Sandy Valley, Nevada on April 22, 2023. She displayed some of her fossil collection.



**Mary Beth Paladino with Fossils**  
Photo courtesy of Marianne Donnelly

**Emerald, the May Birthstone**

The word “emerald” comes from the Greek word *smaragdus*, meaning “green gem.” Emerald is a variety of beryl, a mineral that grows with six sides and up to a foot in length. Emerald color can range from light green to a deep, rich green. Dark green emeralds are the most valuable. The rarest emeralds have an intense green-blue color.

Emeralds are found all over the world, including Colombia, Brazil, Afghanistan, and Zambia. Colombia has produced the finest emeralds for more than 500 years. Emeralds are often treated to improve color or clarity. Common treatment methods include dyeing and fracture filling.



**Emerald from Columbia**

Emeralds need special care. Avoid exposure to heat and chemicals. Never put an emerald in an ultrasonic cleaner because the vibrations and heat can cause fillers to sweat out of fractures. Filled emeralds can also be damaged by exposure to hot water used for washing dishes. The safest way to clean emeralds is to gently scrub them with a soft brush and warm, soapy water.



BIRTHDAYS

If you have a JUNE birthday, Please bring something for the refreshment table at JUNE's meeting.

MAY BIRTHDAYS



Wes Bryant, Richard Carlson, Josette Cifani, Julie Curley, David Foote, Cheryl Fuchs, Charlene Furukawa, Brian Gardner, Anthony Gelish, Louis Helbock, Jennifer Henry, Lamar Holt, Kell Hymer, Dorothy Kates, Amy Katz, Rob Kirkman, Brett Kishkis, Libor Lochman, Kathryn Ludens, Kenneth L. Martin, Connie Masters, Duane Matters, Barb Maz, Ron Mazz, Charles McKown, Jack McNeel, Emily McNeel, Joshua Montaigu, Jo Ann Myers, Richard Nelson, Coral Newberry, Raymond Newberry, Elizabeth Norrbom, Daniel Norrbom, Amber Palecek, Max Reed, Ady Reyes, Jerry Riley, David Seidner, Mary Skaarup, Brad Travis, Irena TwoFeathers, Heather Waller, Linda Wright

WELCOME NEW MEMBERS!

Welcome to members who recently joined/rejoined SNGMS. We look forward to getting to know you better.

Quin Anderson, Dustin Andreoli, Alacionn Baggett, Nicholas Barnes, Barry Brooks, Helen Carlson, Glenn Carlson, Darlene D'Angelo, Nigel Daniel III, Angelika Dishmon, Anthony Dominguez, Caroline Evans, Troi Ford, Cheryl Fuchs, Adele Gwen, Lawrence Halle, Marhira Heimann, Wayne Herr, Rob Kirkman, Phillip Krogstad, Diana Krogstad, Rex Krogstad, Madison Krogstad, Beaux David Lee, Gail Lehtinen, Stephen Lewis, Thomas McBride, Miesha McIntosh, Victoria Meraz, Coral Newberry, Raymond Newberry, Violet Newberry, Moon Newberry, Judy Palmer, Tom Papageorge, Paul Penney, Tara Rubin, Nick Sharrer, James Sharrer, Alice Sharrer, Elliot Sharrer, Susan Sharrer, Richard Sprowl, Laurie Stone, Tyra Tripp, Randy Wallace, Randall Wallace, Laurie Zeigler, Kevin Zeigler

Nevada Fossil Finder Answers

(puzzle on page 9)

15x15 grid of letters with red boxes highlighting words found in the puzzle.



## SNGMS Rock Stars Kids Club 2023 Field Trips and Meetings<sup>1</sup>

Field Trip/Meeting	Date	Location
<b>Mother's Day – No Meeting</b>	May 14, 2023	
Ore Car Mine Field Trip, Gold Panning & Prospecting Merit Badge 12.7 - <b>RSVP required by May 12<sup>2</sup></b>	May 20, 2023 <b>SCHEDULE CHANGE DUE TO HEAT: 7 am – 9am</b>	SNGMS Ore Car Mining Claim, Mile Marker 16 off of North Shore Road at Lake Mead National Recreation Area
Rock Stars Kid's Club Meeting, Field Trips Merit Badge 8.1 & 8.2	June 11, 2023, 3- 5 pm	SNGMS Lapidary Shop, 3111 South Valley View Blvd, Building E Suite 125, Las Vegas, NV 89102
Rock Stars Kid's Club Meeting, Field Trips Merit Badge 8.6 Wild Card First Aid & Safety Class	July 9, 2023, 3 – 5 pm	SNGMS Lapidary Shop, 3111 South Valley View Blvd, Building E Suite 125, Las Vegas, NV 89102
Rock Stars Kid's Club Meeting, Gemstone Lore & Legend Merit Badge 13.5	August 13, 2023 3- 5 pm	SNGMS Lapidary Shop, 3111 South Valley View Blvd, Building E Suite 125, Las Vegas, NV 89102
Geocaching for Gems, Gemstone Lore & Legend Merit Badge 13.6	September 9, 2023 8 am – 12 pm	Wetlands Park, 7050 Wetlands Park Lane, Las Vegas, NV 89122
<b>No Meeting</b>	September 10, 2023	
Rock Stars Kid's Club Meeting, Gemstone Lore & Legend Merit Badge 13.2	October 8, 2023	SNGMS Lapidary Shop, 3111 South Valley View Blvd, Building E Suite 125, Las Vegas, NV 89102
Rock Stars Kid's Club Meeting, Gemstone Lore & Legend Merit Badge 13.3	November 12, 2023	SNGMS Lapidary Shop, 3111 South Valley View Blvd, Building E Suite 125, Las Vegas, NV 89102
<b>No Meeting – Date for Holiday Party TBD</b>	December 10, 2023	

- 1) *Field trip destinations, dates, and times are subject to change.*
- 2) **MUST RSVP to Wendy Dresser at 702-556-2748 (text or call)**

Great Saturday out at the Eldorado Canyon Gold Mine!!! Thank you all for coming. Thank you so much to Mr. Dave Ford who paid for our tour and the big BBQ feast. And of course a big thank you to Miss Mary Beth Paladino who brought a craft project for all of you to make. Thank you also for Barbara Wsocki, and Amber and Steve Palecek for assisting us with our two groups for the tour. We have great news...eight of our Rock Stars completed their Gold Panning and Prospecting Merit Badge over the weekend. CONGRATULATIONS TO ALL OF YOU!!! For the other Rock Stars who are only one requirement away from earning their Merit Badge, you have the opportunity to complete it at the next outing. On Saturday May 20th we will be meeting at the Ore Car Mine off Northshore Rd (mile marker 16). We have changed the times so we can be done before the heat of the day. Here is the schedule:



**Kids Club at Eldorado Canyon Gold Mine Tour  
Nelson, Nevada. April 29, 2023  
Photo courtesy of Wendy Dresser**

- 7:00 am - Safety/First Aid Briefing followed by Metal Detecting for Foreign Coins (donated by Dave Ford)
- 8:00 am - Snacks and Drinks (provided by Kid's Club) followed by Rock Collecting and we will end at 9:00 am.

IF YOU WOULD LIKE TO GO TO THE ORE CAR MINE FIELD TRIP PLEASE RSVP WENDY DRESSER 702-556-2748. Bring the following:

- Sunscreen
- Hat
- Gloves
- Please wear jeans/pants
- Please wear closed toed shoes **(NO FLIP FLOPS, SANDALS, OR CROCS)**
- Bucket for collecting rocks

Thank you Rock Stars for a great weekend, see you soon. If you have any questions, comments or concerns please contact Wendy Dresser.



**SNGMS 2023 VOLUNTEER STAFF**

Contact any Director to volunteer for a position, or a Committee Chair to offer to help on their committee.

**SNGMS 2023 BOARD OF DIRECTORS**

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**SNGMS 2023 COMMITTEE CHAIRS**

COMMITTEE	CHAIR	EMAIL	PHONE
Communication	Del Walkenshaw	sngmsnews@gmail.com	702-451-8040
Rocky Mountain Federation of Mineralogical Societies	Sheri Johnson		
Alt Federation	Mary Beth Paladino		702-255-1647
Facebook Master	Dale Bright	dalebright1@hotmail.com	
Field Trip	Joel Coombs & Bill Kogan	sngmsnews@gmail.com	
Shop Foreman	Andrea Kincannon	andrea.kincannon@gmail.com	
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New Member Liaison	Joann Sprott		
Program (Speakers)	Romy Umholtz	lucky1amr@hotmail.com	
Publicity	Andrea Packo	sngmspresident@gmail.com	702-279-7679
Raffle/Lottery	Ron Mazz	zman8229@gmail.com	586-914-4130
Refreshments	Fran & Allen Stratton		
Rock Stars	Wendy Dresser	wndresser@gmail.com	702-556-2748
Scholarship	Debbie Bucknam		
Spring Jamboree Show	Sara Schiller	sngmsjam@gmail.com	
Sunshine	Beth Jones	punkyjones@hotmail.com	702-505-5819
Webmaster	Lorrilee Stackhouse	lorrilee@cox.net	



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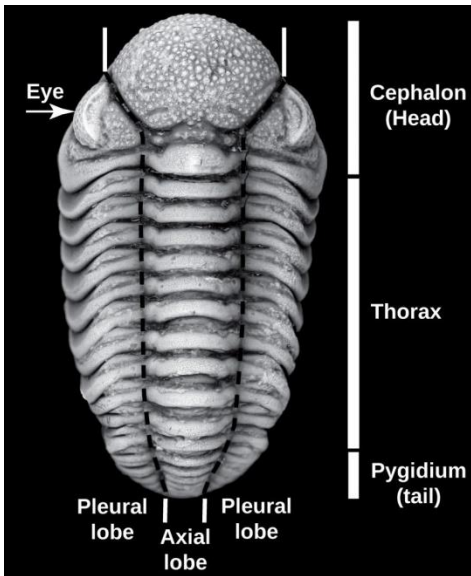
HI-TECH DIAMOND DISCOUNT

Hi-Tech Diamond is an online seller of cabling supplies and equipment. They offer a 10% discount to SNGMS members, friends, and families on everything EXCEPT machines, gift cards, and repairs. The discount is applied when you enter the discount code **SNGMS** at checkout. The code must be manually entered at checkout, it is NOT an automatic discount! The Hi-Tech website is [www.hitechdiamond.com](http://www.hitechdiamond.com).



## Mineral Musings

### Trilobite Trivia



Trilobite means "three lobes". Trilobites are extinct marine animals. They first appeared in the Cambrian period and dominated the oceans all the way through the Permian period, between 541 and 252 million years ago. They are among the first known arthropods, a group of animals that includes insects, spiders, and crustaceans. Trilobites had segmented bodies, jointed legs, and a hard exoskeleton, which made them well-suited for life in the ocean. They came in a variety of shapes and sizes, ranging from less than an inch to over two feet long. A trilobite could roll up into a ball for protection by curling its tail underneath its head.

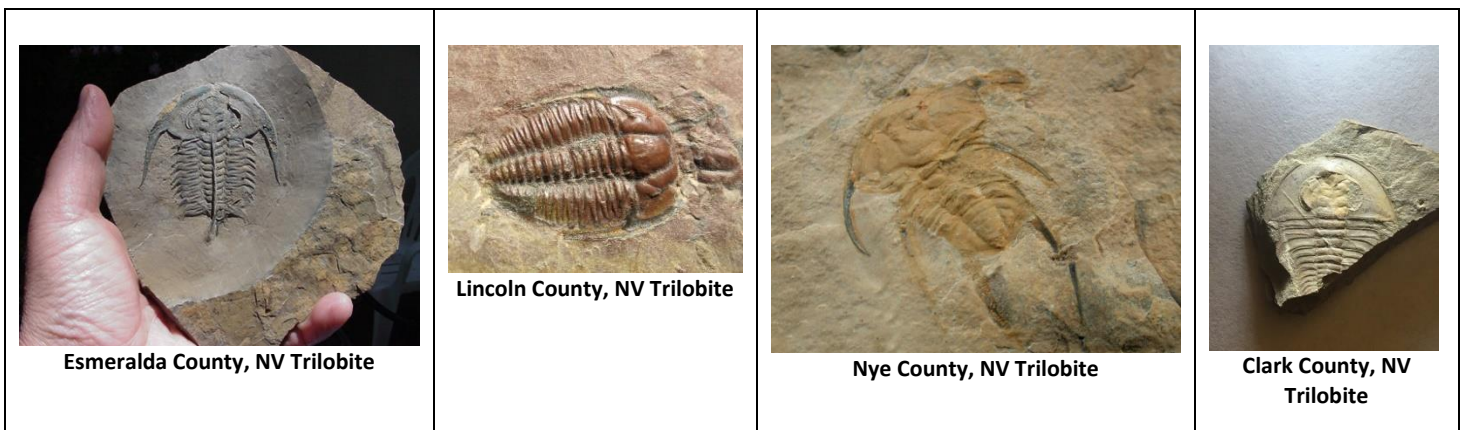
Trilobites lived in many ecological niches. Some moved over the seabed as predators, scavengers, or filter feeders; and some swam, feeding on plankton. A few even crawled onto land.

Trilobite fossils are found worldwide, with thousands of known species. Trilobites molted – they shed their exoskeleton and developed a new one as they grew. Most trilobite fossils are actually fossilized molted exoskeletons. This is why partial fossils are common. In addition to fossilized body parts, tracks left behind by trilobites living on the sea floor are sometimes preserved as trace fossils. Because they appeared quickly in geological time, trilobites are index fossils. This means geologists can date the age of the rocks in where trilobite fossils are found.

Trilobite bodies had three lobes: two pleural lobes and one axial lobe. The axial lobe covered the mouth, stomach and gut. The pleural lobes covered the legs and gills.

### Trilobite Fossils in Nevada

Nevada has multiple trilobite sites. They are found in the Pioche Shale and Chisholm Shale formations in Lincoln County, the Poleta formation in Esmeralda County, the Middle Cambrian formation in Nye County, and at the base of the Frenchman Mountains in Clark County. Several trilobite sites are located inside the Nevada Test and Training Range.



## May 2023 Class Schedule

Class	Instructor	Date and Time	Cost	Location	Contact
Faceting	Tom Kidwell	Saturdays 9 am - 12 pm	\$15.00 for the class plus \$5.00 for instructor fuel fund	SNGMS Lapidary Shop, 3111 S. Valley View Blvd, Bldg E Suite 125, Las Vegas, NV 89102	moorepeggysue@gmail.com for reservations
Silver Smithing	Bella Romero & Mary Savage	Fridays 12:30-3:30 pm	\$35	Desert Art Supplies 2750 N Green Valley Pky Suite D Henderson NV 89014	Text 702-425-0149 no later than noon on Thursday before class for reservation
Silver Smithing Open Studio <i>(not a class – bring your own tools and projects)</i>	Mary Savage will facilitate	Sunday, May 14, 2023 3 – 6 pm. <b>SAFETY GLASSES AND CLOSED TOE SHOES REQUIRED. NO FLIP FLOPS.</b>	\$15	SNGMS Lapidary Shop, 3111 S. Valley View Blvd, Bldg E Suite 125, Las Vegas, NV 89102	lasvegassilversmithing@protonmail.com
Cabochon Making	Beth Jones	Sunday, May 21, 3-6 pm	\$10	SNGMS Lapidary Shop, 3111 S. Valley View Blvd, Bldg E Suite 125, Las Vegas, NV 89102	punkyjones@hotmail.com 702-505-5819

**All class fees include a modest donation to the SNGMS. SNGMS Instructors volunteer their time and expertise to help extend the knowledge of our members.**

## Speakers For 2023 General Meeting

*(please contact Romy Umholtz lucky1amr@hotmail.com with speaker suggestions)*

Date	Speaker	Topic
5-Jun-23	Harrison Brook	Drone footage from Easter Blue mine, Tonopah, Nevada
10-Jul-23	Dr. Simon Jowitt	Lithium Mining
7-Aug-23	Michelle S. French	Flood Control – Clark County Regional Flood Control District
11-Sep-23	Ary Udry	Martian Meteorites
2-Oct-23	Open	
6-Nov-23	SNGMS Elections – no speaker	
Dec-23	No general meeting	



Southern Nevada Gem & Mineral Society  
 3111 S. Valley View Blvd, E-125  
 Las Vegas, NV 89102

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The Southern Nevada Gem and Mineral Society is a non-profit corporation, organized to educate ourselves and the community in the science and arts related to rocks, minerals, gems, fossils, and nature in general. Fostering an understanding and appreciation of the physical world, we can use it and protect it for future generations.

<p>SNGMS Mascot: Rock Wren</p> <p>SNGMS Gemstone: Turquoise</p> <p>SNGMS Motto: Rocks-R-Us</p> <p>SNGMS Web Site: <a href="http://www.snvgs.org">www.snvgs.org</a></p> <p>Membership is open to anyone with an interest in: Rocks, Gems, Geology, Fossils, Lapidary Arts or Silversmithing</p> <p>Annual Dues: Individual - \$25; Family - \$35              Meetings start 6 pm on the first Monday of the month at:</p> <p>Eagles Lodge #1213              1601 E Washington              Las Vegas, NV 89101              (702) 642-1213</p> <p>No meeting is held in December. Instead we have our annual awards dinner.</p>	POLISHED SLAB ADVERTISING RATES		
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