



THE POLISHED SLAB

Southern Nevada Gem & Mineral Society



July 2017

A NEWSLETTER FOR ROCKHOUNDS SINCE 1940

Volume 77 Issue 7

UPCOMING EVENTS

Aug 3rd - Board Mtg
Aug 7th - General Mtg
Sep 7th - Board Mtg

See page 8 for details on scheduled classes and instructor contact information

Birthstone of the Month: July's birthstone is **Ruby**. Ruby is considered to be the most powerful stone in the universe. Ruby rings should be worn on the left hand. Given as a gift, the stone is a symbol of friendship and love.

PRESIDENT'S MESSAGE

From Wayne Muth

To all SNMGM Members:

Just a general update on things:

As usual it is summer time and hot, so we have not done a field trip for August, but I am open to ideas for September.

Also due to the heat at our last General Meeting, I want to remind all that our Cabochon Contest is Aliens!!!! This is a fun contest, so if possible, more participation is always welcome.

The new 16" saw for the shop will be purchased after the summer. The shop is a little slower during the summer and we have all the saws working. I also want to get the most use out of it during the warranty period.

We still have an open spot for a volunteer for the Silver Smiting classes on Tuesday nights at the shop.

As always be safe, and remember that this is flash flood season, which not only is dangerous in the city, but out in desert areas too.

Wayne Muth

President SNGMS

July 2017

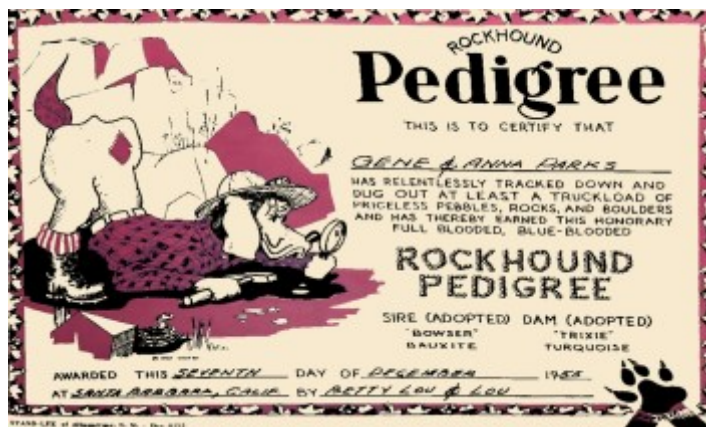
INSIDE THIS ISSUE

Shop Talk	3
General Meeting	5
Field Trips	2
Kids Club	6
Education Activities	6
SNGMS Meeting dates & Directions to	6
Classes	8
Shop Information	9
Birthday, New Members and	10
Upcoming Events	11



Field Trips

Since there aren't any scheduled field trips for August, here are some photos from the past (Courtesy of Anna Parks' collection):



Not much has changed

February 2018: Peggy Sue Moore will be coordinating a multi-day trip to Burro Creek, AZ in concert with Jodi Brewster, the President of the Gila County Gem And Mineral Society and the newly elected Arizona/ Nevada Director for RMFMS.

SNGMS Board meeting minutes for 7/6/2017

On July 6th, 2017, the regular Board of Directors meeting of the Southern Nevada Gem and Mineral Society was called to order at 6:00 PM by the president. The secretary was present. The pledge of allegiance to the flag was recited.

The minutes for the June 1st, 2017 meeting were approved as read.

The treasurer was present and reported a loss for the month of June.

Shop Report: All equipment is operational. The new saw purchase will be delayed until August.

Unfinished Business:

The faceting class should be resuming soon.

New Business:

Frank Timbers proposed, seconded by John Stackhouse, and approved by the Board that "the club purchase volunteer gifts for the year, not to exceed \$1,000.00." Distribution was discussed, including allowing 45 days after the Awards Banquet for pick up of the gifts.

The President, Wayne Muth, will not be at the August General Meeting and the Vice-President, Beth Jones, will preside.

The Awards Banquet format and location was discussed and will be discussed further at the General Meeting. The proposed date is December 10th.

John Stackhouse proposed, seconded by Beth Jones, and approved by the Board, that "Tech support for the Quick Books program used by the Treasurer (including unlimited upgrades and cloud backup storage) be purchased for one year and be maintained thereafter.

Sheri Johnson presented a proposal for creation and maintenance of a SNGMS Facebook page with restrictions on allowable content. John Stackhouse proposed, seconded by Frank Timbers, and approved by the Board that "The Board will review and comment on proposed rules for having a SNGMS Facebook Page, preparatory to possible approval of the page creation."

The Logandale Fall Festival was discussed.

John Stackhouse proposed, seconded by Frank Timbers, and approved by the Board that the meeting be adjourned.

The meeting was adjourned at 7:07

Shop Talk by Del Walkenshaw

Bruce Martin and I were talking at the shop the other day and he mentioned harnesses of stones, in particular the Absolute Hardness. I knew the Mohs scale but never thought much about the range of differences between the Mohs 1 though 10. And as things happen I bumped into Scott and Ananaka at the shop and she asked if we could do a Mohs Hardness table. Great minds! [View the chart on page 7](#) and see the true hardness difference. For example, Calcite is three times harder than Gypsum and Diamond is 4 times harder than Corundum, not just one number difference, i.e., Mohs 10 verses 9. Interesting.

(Cont. Page 7)



Come Early!

Be sure to come early on General Meeting nights, because between 5 and 6 PM many of our talented members exhibit their works for your admiration and possible purchase.

Cabochons, beadwork, silversmithed and wire wrapped jewelry, rock slabs, unfinished stones, and more are usually available. It is a good time to chat with other members and catch up on their latest creations.



Discounts Available with your SNGMS membership

All the establishments featured on page 4 offer discounts to SNGMS members. Be sure to show your membership card when making a purchase, and say that the Southern Nevada Gem & Mineral Society sent you!

Website: discountbeadstv.com

Discount BEADS Inc.

Ernie Staley, CEO
David Cray, President

Open 7 Days, 10 to 6
702-360-4266

4266 S. Durango Dr. Suite G | Las Vegas, NV 89147 | Email: Discountbeads@aol.com



"Southern Nevada's Complete Art Store"
Fine Arts Supplies - Custom Framing

2003 E. Charleston Las Vegas, NV 89104 (702) 382-5404 • Fax 384-3337
2750 N. Green Valley Pkwy Henderson, NV 89014 (702) 451-8040 • Fax 451-8339

Toll Free 1-888-725-4666 • www.desertartsupplies.com
desertartsupply@aol.com

Bead Haven

7575 W. Washington Ave.
Suite 131
Las Vegas, NV 89128

T (702) 233-2450 E lasvegas@beadhaven.com
F (702) 233-5052 W BeadHavenLasVegas.com

**Gold Rush Prospecting and Adventure
Tours**
1311 Nevada Hwy. Ste. C
Boulder City NV 89005
702-982-7000
www.goldrushpros.com

SNGMS General meeting minutes for 7/10/2017

On July 10th, 2017, the regular meeting of the Southern Nevada Gem and Mineral Society was called to order at 6:00 PM by the president. The secretary was present. The pledge of allegiance to the flag was recited.

The minutes of the June 5th, 2017 meeting were approved as read.

The treasurer was present and reported a loss for the month of June.

The Cab contest for July, to be voted on at the August meeting, is an 'alien' cab.

Committee Reports:

Sunshine: Bill Lemon is home and doing better. Jaen Rupprecht is scheduled for surgery at the end of the month. Ward Watson broke his leg and Dottie Aurswald broke her arm.

Membership: There are 374 adult and 57 child members.

Federation and Show: Sheri Johnson reported on the proposed SNGMS Facebook Page. She assured the membership that controls will be in place to control content.

Junior Members and Rock Stars: Mary Beth Paladino reported on the kid's club and that the regular Sunday meeting will be July 16th at the Shop. She is getting ready for a Boy Scout event for 300 kids and asked for help with bagging specimens for distribution.

Shop: All equipment is operational.

A behind the scenes guided tour of the Nevada State Museum will be on July 15th. It will be limited to the first 20 members who sign up.

Unfinished Business:

The new saw purchase will be delayed until August.

New Business:

The President, Wayne Muth, will not be at the August General Meeting and the Vice-President, Beth Jones, will preside.

The Awards Banquet format and location was discussed. The proposed date is December 10th.

The Logandale Fall Festival was discussed and details will be available via email.

The best cab contest winner was Del Walkenshaw. Second place was Johnny Miller.

Tony Duran proposed, seconded by Jim Jones, and approved by the Membership that the meeting be adjourned. The meeting was adjourned at 7:00.

National Park Senior Pass Price Increase (Thanks to Johnny Miller for this information)

Senior Pass Price Increase: Effective **August the 28th, 2017** the price of the America The Beautiful-National Parks and Federal Recreational Lands Senior Pass will increase from \$10.00 to \$80.00. This increase is the first since 1994. The additional revenue will be used enhance the visitors' experience in the parks. The price increase is a result of Centennial Legislation P. L. 114-289 passed by the U.S. Congress on December 19, 2016.

SNGMS 2017 Meetings

Jan 05 Board	Jul 10 General
09 General	Aug 03 Board
Feb 02 Board	07 General
06 General	Sep 07 Board
Mar 02 Board	11 General
06 General	28 Board
30 Board	Oct 02 General
Apr 03 General	Nov 02 Board
27 Board	06 General
May 01 General	Dec None
Jun 01 Board	Annual Awards
05 General	Banquet
Jul 06 Board	

Board Meetings at Shop, 3111 Valley View Blvd. Bldg. E. Suite 125, General Meetings at Eagles Lodge, 1601 E. Washington Ave.

SNGMS General Meeting

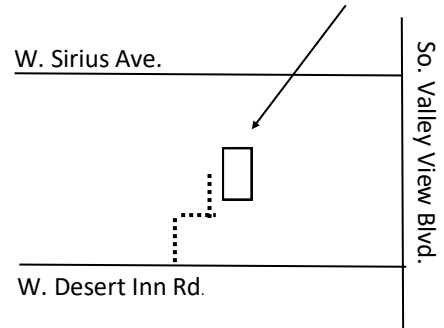
1st Monday of every month
(2nd Monday if holiday falls on the first Monday) No meeting in December.

Non-members welcome!

Eagles Lodge 1601 E Washington Ave.

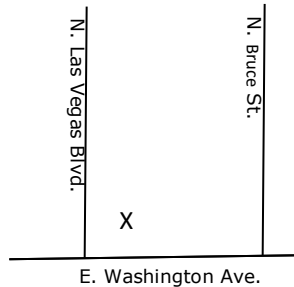
Show & Sell 5-6 PM
General Meeting 6-8 PM

**3111 So. Valley View Blvd,
Building E Shop Suite 125**



Finding the Shop Location

Proceeding west on Desert Inn Road, take the first right past So. Valley View Blvd. into the industrial park area. Drive past the building on your right, then jog right, then left



Finding the General Meeting Location

Eagles Lodge #1213
1601 E Washington Avenue, Las Vegas, NV
(702) 642-1213

KIDS CLUB / EDUCATION ACTIVITIES

The Kids Club meets on the second Sunday of most months at the SNGMS Shop from 3-5. As always, for more information, or to volunteer to lead an activity, or to help with an educational event contact Mary Beth Paladino at 702-255-1647

On August 3rd SNGMS has been asked to participate in the annual Henderson Boy Scout Day Camp. This year's theme is "BUGS". We will do a presentation on fossils focusing on insects. Jaen Rupprecht has lent us a fossil of a dragonfly that is spectacular and Cliff Jackson has a piece of amber with a distinctive ant specimen which we will share with the boys. We will review the fossilization process and do a show and tell of fossils.



(Continued on Pg 7)



Shop Talk (continued Pg 3)

HARDNESS TABLE

Mohs Hardness	Mineral	Chemical Formula	Absolute Hardness (11)
1	Talc	$Mg_3Si_4O_{10}(OH)_2$	1
2	Gypsum	$CaSO_4 \cdot 2H_2O$	3
3	Calcite	$CaCO_3$	9
4	Fluorite	CaF_2	21
5	Apatite	$Ca_5(PO_4)_3(OH^-, Cl^-, F^-)$	48
6	Orthoclase feldspar	$KAlSi_3O_8$	72
7	Quartz	SiO_2	100
8	Topaz	$Al_2SiO_4(OH^-, F^-)_2$	200
9	Corundum	Al_2O_3	400
10	Diamond	C	1600

KIDS CLUB / EDUCATION ACTIVITIES (Continued from page 6)

After, Michael Kisner and I will distribute arrowheads to the 300 boys in attendance. Thanks to the members who helped put the fact sheet and arrowheads in a plastic bags for hand outs. Mike will explain and demonstrate the knapping process. It should be a fun evening of sharing and learning.



Arrowheads

Present day arrowheads are hand carved from natural minerals, such as, obsidian, chert, flint and jasper. Arrowheads tell about the native Americans culture that made them and therefore are of historical interest. They are made by a process called knapping which is chipping rocks by hammering with bone, other rocks or tools into sharp fragments to be used as tools.

Classes

Wire wrapping, led by Peggy Sue Moore or Scott Edwards, meets on most Mondays (except for the General Meeting night). Hours for the class are 5 - 8 PM. The fee is \$5.00 for the shop and \$1.00 pattern fee.

At this time there are no beading classes scheduled.

Silver Smithing meets every Tuesday at 5 PM. Still need a volunteer for this class. The class is suitable for beginners, and also for intermediate to advanced students.

Faceting classes will be changing. Upon the arrival of the new supplies, the faceting classes will be held from 10 to noon on two Saturdays a month. Please contact Peggy Sue Moore in advance to see if a machine is available. If you use club machines they are \$5 an hour, no class fee.

Scott Edwards is teaching **Metalsmithing and Miscellaneous Lapidary Arts** every Saturday from 8-10.

Another knapping session will be organized. Watch for the announcement. The contact is Michael Kisner, (702) 285-2032.

Wire wrapping, metal smithing, flint knapping, and silver smithing have a very modest donation of \$5.00 per session, that goes to the club. Faceting is \$5.00 an hour, the cost of faceting machine use, or a flat \$5.00 if you use your own machine. Other class donations may vary, depending on what is included in the class. All donations go to SNGMS, all instructors volunteer their time and expertise to help extend the knowledge of our members.

Sunshine Report

from Beth Jones

Please if you hear of any SNGMS member in need of a bit of sunshine due to accident, illness, death in the family or other need, call Beth Jones at 702-505-5819 or email her at Punkyjones@hotmail.com

(please put SNGMS Sunshine in the Subject)



We're sorry to announce that Sandy Anderson just past away during surgery on July 11th. Services were held on July 18th at the Community Lutheran Church.

Dottie Auerswald broke her arm and Vern Watson broke his leg. Jaen Rupprecht is scheduled for surgery at the end of the month. Bill Lemmon is now home and doing much better after his heart surgery.

SHOP INFORMATION

SNGMS Workshop Schedule

Sunday	12 noon –5 PM
Monday	Closed
Tuesday	Closed
Wednesday	12 noon - 9 PM
Thursday	12 noon –9 PM
Friday	12 noon - 9 PM
Saturday	10 am – 6 PM

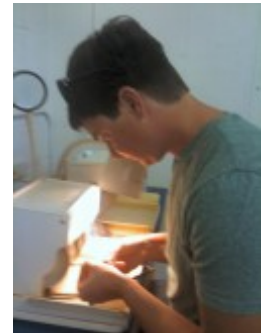


Photos courtesy of Caitly Stackhouse

Shop Fee

All equipment is now metered and charge will be: \$0.50 per 1/10 hour actual use.

TO BE ELIGIBLE FOR THE CABOCHON CONTEST YOU MUST HAVE AT LEAST ONE HOUR OF SHOP TIME. THE WINNERS RECEIVE FREE SHOP TIME. “An *Alien*” cabochon will be the contest entry to be judged at the August general meeting. **Good Luck.**



You Might Be A Rockhound

You might be a rockhound if you think road cuts are tourist attractions.

You might be a rockhound if you have a 2 car garage and your 4WD pickup sets outside.

You might be a rockhound if you dig a ten foot hole in 110 degree heat to find a walnut size agate and say you’re having fun. (Courtesy of Scott Edwards)

Please, **under no circumstances**, park in front of Unit 124 or Unit 126 (the units next to the 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 Shop that is not in front of any unit.



Happy Birthdays!

July

Cindy Allison, Kaiden Bresgi, Julie Cooley, Scott Edwards, Betsy Gillis, Brenden Green, Luigi Iamele, Devynn Johnson, Trone Johnson, Jim Jones, Sylvia Ortega Jones, Cindy Krohn, Thomas Lawlor, Brain Lundberg, Katherine Matthews, Anita McClellan, George Messenger, Kyle Mills, Nelson Muniz, Diana Neroni, Jenna Plein, Eric Ramos, Eric Ramos, Kiera Rand, Francelia Roman de Gallup, Julian Smith, Charlie Spencer, Caitly Stackhouse, Bill Suiter, Mary Switalla, Kim Wenzl, Orville Wiemers.

August

If you have a July birthday please bring something for the refreshment table at the August meeting.

Trevor Bagley, Linda Bell, Randall Crank, Karin Dad, Don Emerson, Ivan Erwin, Hopkins Fitzpatrick, Adam Q. Fink, Jaxson Greene, Kathleen Greene, Sami Khan, Yvonne Larson, Yanping Ma, Sandy Matera, Carol Mautino, Priscilla Messenger, Lisa Morgan, Michelle Muniz, Elizabeth Paladino, Nina Persaud, Mary Savage, Hemann Schneider, Lee Smith, Joann Sprott, Jordan Sumner, Bruno Sydek, Phyllis Syzdek Paul Toves, Melissa Watson, Joyce Wertz, William Wertz, Courtney Whyms, Jade Whyms, Steve Wilson.

Welcome New Members!

***A hearty welcome to members who joined or rejoined SNGMS .
We look forward to getting to know you better***

Jen Barton, Malcoin Berman, Jerry Buckler, Alex DiDomenico, Kararon Frank, Giselle Frank, Star Jr. Frank, Robin Garcia, Mattie Graham, Unique Hairston, Victor Johnson, Susan Kuckelmann, DiAnn Lawson, Merri-ly Liccardo, Alora Mahler, Edward Mahler, Sara Jean McCulley, Ronaele Notlem, Rosa Pascual, Kyle Smith, Becki Spencer, Charlie Spencer, Steve Turner, Sandra Vigliano, Courtney Whyms, Jade Whyms.

2017 Board of Directors

President: Wayne Muth rimwayno@outlook.com
 Vice-President: Beth Jones punkyjones@hotmail.com
 Secretary: Lorrilee Stackhouse 702-631-5291
 Treasurer: Frank Timbers 702-228-0889
ftimbers@centurylink.net
 One year Board: Ron Johnson
 Parliamentarian: Scott Edwards
 One Year Board Remaining: Steve Wilson
 Two Year Board Remaining: John Stackhouse
 Three Year Board: Jason Fabbi
jinevada@outlook.com
 Past President/One Year Board: Peggy Sue Moore

Contact any Board member to volunteer for a position, or a Committee Chairman to offer to help on their committee.

UPCOMING EVENTS

There are rock clubs throughout the United States and the computer is your friend in finding information about clubs and shows. Just search for the area you are interested in and rock club and you should find plenty to keep you busy, wherever you are going.

October 13th, 14th,15th: 2nd Annual Pahump Gold Gem & Mineral Show. For vendor information contact Jane Goodrow at 702 218-0428 or by email: pahumpgoldgemandmineralshow@gmail.com

October 20th, 21st, 22nd: Logandale Fall Festival, Clark County Fairgrounds, Logandale, Nevada. info@logandalefallfestival.com

November 18th and 19th: 2017 Mining Supplies and Rock Shop, Hesperia, CA . For more information visit their web site: www.miningsuppliesandrockshop.com

February 2018: A multi-day field trip to Burro Springs, Arizona, Peggy Sue Moore will be coordinating this trip.

May 7,8,9 2018: Boulder City Spring Jamboree

Some links that you may find helpful are:

American Federation Of Mineralogical Societies-
<http://www.amfed.org>
California Federation -
<http://www.cfmsinc.org/>
Rocky Mountain Federation -
<http://www.rmfmts.org>
and the Rock & Gem website -
[http://www.rockngem.com/show-dates-display/?](http://www.rockngem.com/show-dates-display/)

Committee Chairmen

Bulletin.....Del Walkenshaw & Deb Koladziej
desertartsupply@aol.com
 ByLaws.....Scott Edwards
 Communications.....Toni Blackwell sngmsnews@gmail.com
 Education.....Mary Beth Paladino
 Federation.....Sheri Johnson
 Alt. Federation.....Peggy Sue Moore
 Field Trip.....open
 Financial Manager.....George Messenger
 Shop ForemanRon Johnson
 Historian.....Jack Toogood
 Hospitality.....Corinne Silvia
 Inventory.....Frank Timbers
 Librarian.....Caity Stackhouse
mynameiscaity@gmail.com
 Membership.....John Stackhouse 702-239-0437
 New Member Liaison... Open
 Program.....Cindy Allison
 Publicity.....Scott Edwards
 Raffle.....Rimma Muth
 50-50 Raffle.....Orville and Lisa Weimers
 Refreshments.....Rita Bergeron
 Rock Stars.....Mary Beth Paladino.....702-255-1647
 Rock Hounds
 Show Chairperson.....Sheri Johnson
 Sunshine.....Beth Jones
 Webmaster.....Jack Toogood.....702-642-4788

Contact any Board member to volunteer for a position, or a Committee Chairman to offer to help on their committee.

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

Return Service Requested



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.

Club Mascot: Rock Wren

Club Gemstone: Turquoise

Club Logo: Rocks-R-Us

Membership is open to anyone with an interest in: Rocks, Gems, Geology, Fossils, Lapidary Arts or Silversmithing

Annual Dues: Individual - \$25; Family - \$35

Meetings are held the first Monday of the month at the Eagles Lodge #1213, 1601 E Washington

No meeting is held in December. Instead we have our annual awards dinner.

**POLISHED SLAB
 ADVERTISING RATES**

<i>Ad Size</i>	<i>Six Months</i>	<i>Yearly</i>
<i>Business Card</i>	\$18	\$30
<i>Quarter Page</i>	\$48	\$90
<i>Half Page</i>	\$90	\$170
<i>Full Page</i>	\$150	\$275