



ROCKY TALES

Volume 43, Issue 6

September 2017

LAKE HAVASU GEM & MINERAL SOCIETY

The Official Publication of The Lake Havasu Gem & Mineral Society

Editor: Susan Sease

BOARD MEETING
September 8th, 5pm
Lake Havasu Gem &
Mineral Lapidary Shop
2186 McCulloch Blvd #B

GENERAL MEETING

September 8th!

Lake Havasu Gem & Mineral Lapidary Shop
2186 McCulloch Blvd #B
Lake Havasu City, Az. 86403
Meeting Begins @ 7:00 p.m.
Visiting @ 6:30 p.m.

Rock & Egg
Breakfast
4th Monday each
month
9:00 a.m.
At
Golden Corral

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It's been a long hot summer for sure.

But things are heating up at the Gem Club's Havasu Rocks store.

We want to thank everyone who came in and volunteered. It was fun. Special thanks to these people for their donations to the store:

Al Wakefield for the 4 boxes of slabs

Ruth DeWoody for the magazines and rough rock

Carol Astiliford for the beautiful copper beaded tree

Sheila Bandaruk for the Willow baskets for the Gem Show

Helen and Kathy for the Willow baskets for the Gem Show

Bernie Spore for the oh so cool rough rock

Our lab Monitors Jack and Norb who in their spare time made us beautiful cabs for our classes....

Leslie and Barry for doing repairs...

We thank you so much. Your donations & time Rock!

CLUB INFORMATION

The Purpose of this Society shall be to:

- A. Increase our appreciation of the beauty and value of the land in which we live.
- B. Foster good fellowship among its members.
- C. Host an annual Gem and Mineral Show for the community.
- D. Foster awareness of the earth sciences by:
 - 1. Increasing knowledge pertaining to minerals, gems, and rocks.
 - 2. Disseminating knowledge of collecting and classification of minerals, fossils and rock through collection and classification.
 - 3. Improving the practical knowledge of cutting, grinding and polishing materials to use in the design and creation of jewelry and other useful objects.
- E. Provide educational scholarships in the scientific fields.
- F. Procure and improve the Society's property.

The Lake Havasu Gem and Mineral Society meets the second Friday of each month from September through May at **Lake Havasu Gem & Mineral Lapidary Shop 2186 McCulloch Blvd #B, Lake Havasu City, Az.** The membership typically votes to eliminate the June, July, and August meetings.

Fiscal Year: February 1 – January 31.

Name badges are required for all members.
 One time or replacement badge cost - \$8.00
 Single membership cost - \$16.00
 Family sponsored Junior membership cost - \$8.00
 Family membership cost - \$16.00 for the first member and \$8.00 for each member thereafter with a maximum of \$25.00.

Annual Membership dues are payable on January 1 and shall be delinquent after the February meeting. Please remit payment to:

Lake Havasu Gem & Mineral Society
Attn: Membership Chairperson
P.O. Box 990
Lake Havasu City, AZ 86405-0990

The Lake Havasu Gem & Mineral Society is a member of The Rocky Mountain Federation of Mineralogical Societies (RMFMS) and associated with the American Federation of Mineralogical Societies (AFMS).

OFFICERS and DIRECTORS

Hank Smedley	President
Linda Harley	Vice President
Kathie Bryson	Secretary
Carol Lasater	Treasurer
Ed Darnell	Sgt at Arms
Patrick Bell	First Year Director
Gayle Gilpin	Second Year Director
Carol Jose	Third Year Director
Barry Bandaruk	Past President
Michelle Smedley	Director of Operations Havasu Rocks

COMMITTEES

Club Promotion	Open	Gayle Gilpin
Communications	Susan Sease Bruce Wilhelm	Secretary Kathie Bryson
Education	Open	Patrick Bell
Facilities	Open	Ed Darnell
Field Trips	Open	Kathie & Steve Bryson
Finance	Open	Carol Lasater
Fund Raisers	Open	
Gem Show	Barry Bandaruk	
Greeters	Edith Walden	Gayle Gilpin
Hospitality	Helen Reyes Kathy Padilla	Ed Darnell
Property	Open	Carol Jose

Rocky Tales is published monthly. The submission deadline is the 3rd Friday of the month by email to:

aredtigress@gmail.com

Rocky Tales Team: Michelle Smedley, Linda Harley and Susan Sease

Website: Moderator: Bruce Wilhelm

<http://www.lakehavasugms.org/>

Facebook Page:

<https://www.facebook.com/lhcgems/?fref=ts>

--President's Message--

Greetings Fellow Rockhounds,

It was a little too warm for much digging in the desert this summer, but it won't be long before we can again be out there finding treasures. For those who escaped the Havasu summer, welcome back to paradise.

Havasu Rocks has been very active this summer, more and more people are hearing about our shop and we're getting rave reviews. We had lots of various one-day workshops with good attendance and everyone had a great time learning something new. The lapidary shop had lots of use this summer and with the addition of several fans and the existing swamp cooler, it was pretty comfortable.

As our winter visitors return, we are once again asking for volunteers. Working in the retail area is lots of fun and educational. If you like to meet new people and visit with the ones you already know, it's a great place to be. Bring a project you're working on and show us what you're doing. The lapidary shop will also be needing help, we need a shop monitor for all hours we are open. Come in, get checked out and become a monitor. All volunteers get shop credit to work on their personal items. We are always open to any suggestions to make our fantastic club even better.

I look forward to seeing everyone's smiling faces and hear about your summer adventures.

Linda Harley
Vice President

Gem and Mineral Show

- As the Society gears up for another season, looming in the near future is the Club's commitment to present our 48th show, the longest running event in Lake Havasu. This year the show will occur on November 11 and 12. *Be advised November 11th is veterans' day and we somebody to step up with some ideas to honor our vets!* Also, we will need help November 8-13. All the needs will be explained and discussed at the September and October meetings.
- The major needs have all been addressed and volunteers have been located. However, there is still a need for volunteer help from all our members. For your planning, setting up the tables and the event will occur on Friday, 11/10, starting at 6 AM. Coffee and Donuts will be provided!
- This year the committee agreed to have a silent auction, an event that is successful at other shows members have visited. To make the auction a success, we need donations. If you have some slabs, geodes, fossils, cabochons, spheres, or other items around your home, we can use your donations. Also, our successful raffle needs your help with items to place in baskets. Remember the raffle is the major fundraiser for our high school scholarship program. I still would like to see more display cases, where members can show collections of Gems and Stones and items that they created. These cases help educate the community and grow our Society.
- This will give you a window into the preparation for the show. Further help is needed for set-up and take down, security, the auction, club booth, and demonstrations. Looking forward to having our members return to their winter nest.
- One final point, there will be a Field Trip Planning Kickoff meeting Thursday, 9/7 at 3PM. We need to get ready!
- Thanks and let's have another great season!

Mineral Fun Facts – Do We take Minerals For Granted?

Did you know that the average automobile contains more than a ton of iron and steel, 240 lbs of aluminum, 50 lbs of carbon, 42 lbs of copper, 41 lbs of silicon, 22 lbs of zinc, and more than thirty other mineral commodities, including titanium, platinum, and gold?

Our homes and office buildings contain many mineral materials. Drywall is made from gypsum; concrete in the foundation is made with limestone and aggregate reinforced with steel rebar; bricks are made from clay; titanium oxide is used to make paint; silica is used to make windows; electrical wiring is made from copper; iron and copper are used to make pipes for plumbing; and faucets contain various combinations of iron, chromium, nickel, and molybdenum combined to make stainless steel.

Advances in materials science have allowed bicycles, once largely made of steel, to incorporate parts made of aluminum, carbon fiber, magnesium, and titanium that make them lighter and more durable. Aluminum, fiberglass, graphite, titanium, zirconium, beryllium, copper, tungsten, and steel have replaced wood in baseball bats, tennis racquets, and golf clubs to make them lighter and stronger. Race tracks, as well as playing surfaces for baseball and tennis, are a prescribed mixture of clay, sand, and silt. Calcined clay (a clay that has been heated) readily absorbs water to dry wet spots on fields and it is used to reduce soil compaction. It is also used on infield areas of baseball diamonds and on fields and tracks because it does not stick to cleats or hooves.

The next time you pick up that stainless steel fork, use your cell phone, replace the batteries in your remote control, or use your keys to start the car or open a locked door, take a moment to think about how important minerals are to your way of life. Then visit the [USGS MRP Web site](https://minerals.usgs.gov/granted.html) to learn more about what our Federal government is doing to ensure we have the mineral resources we need. The USGS Mineral Resources Program provides objective science and unbiased information at local to global scales so that the general public, government agencies, and industry can make informed decisions on minerals issues in land-use planning, national security, and economic policy, because mineral resources are vital to our nation.

source: <https://minerals.usgs.gov/granted.html>

NOTICE TO MEMBERS

**Our Bank has informed us they will no longer accept checks written out to LHGMS, they are now requiring our full name to be written out. Please remember to write:
LAKE HAVASU GEM & MINERAL SOCIETY**

SEPTEMBER WORKSHOPS AT HAVASU ROCKS

*There are no classes scheduled for September
You can check the class schedule online [here](#).*

INTRO TO LAPIDARY & CABOCHON DESIGN

\$60 Members
\$75 Non-members

TBD

Instructors Hank Smedley & Jack Hodges
LHGMS Members

BASICS OF WIRE WRAPPING - One Day Workshop

\$40 Members
\$55 Non Members

TBD

*Learn the basics of wire; including types, gauges & tempers. You will be introduced to basic design and execution of a border wrap on a cabochon. Learn how to wrap a basic shape and take home your creation.

*Wire, cabochons and tools provided. Jewelry tools are available for purchase.

Instructor Michelle Smedley, LHGMS Member

BASICS OF WIRE WRAPPING II ONE DAY WORKSHOP

\$40 Members
\$55 Non-members

TBD

*We will review the basics of wire (temper, gauge and type) and constructing a basic border wrap. You will then learn basic design techniques and apply them in the workshop.

*Wire, cabochons and tools provided. Jewelry tools are available for purchase.

Instructor Michelle Smedley, LHGMS Member

SILVERSMITH WORKSHOPS

\$60 Members
\$75 Non-members

TBD

*In this workshop, you will learn about the different types of metals and how to determine what gauge to use. This is for the basics of silversmithing where you will learn design, soldering and use of a torch and then apply your new skills to make your own jewelry.

*Limit of 4 people

* Fee includes everything needed for your first project. Can bring your own cabochon (oval no larger than 30x22 mm), if desired.

Instructors: Linda Harley & Ellie North

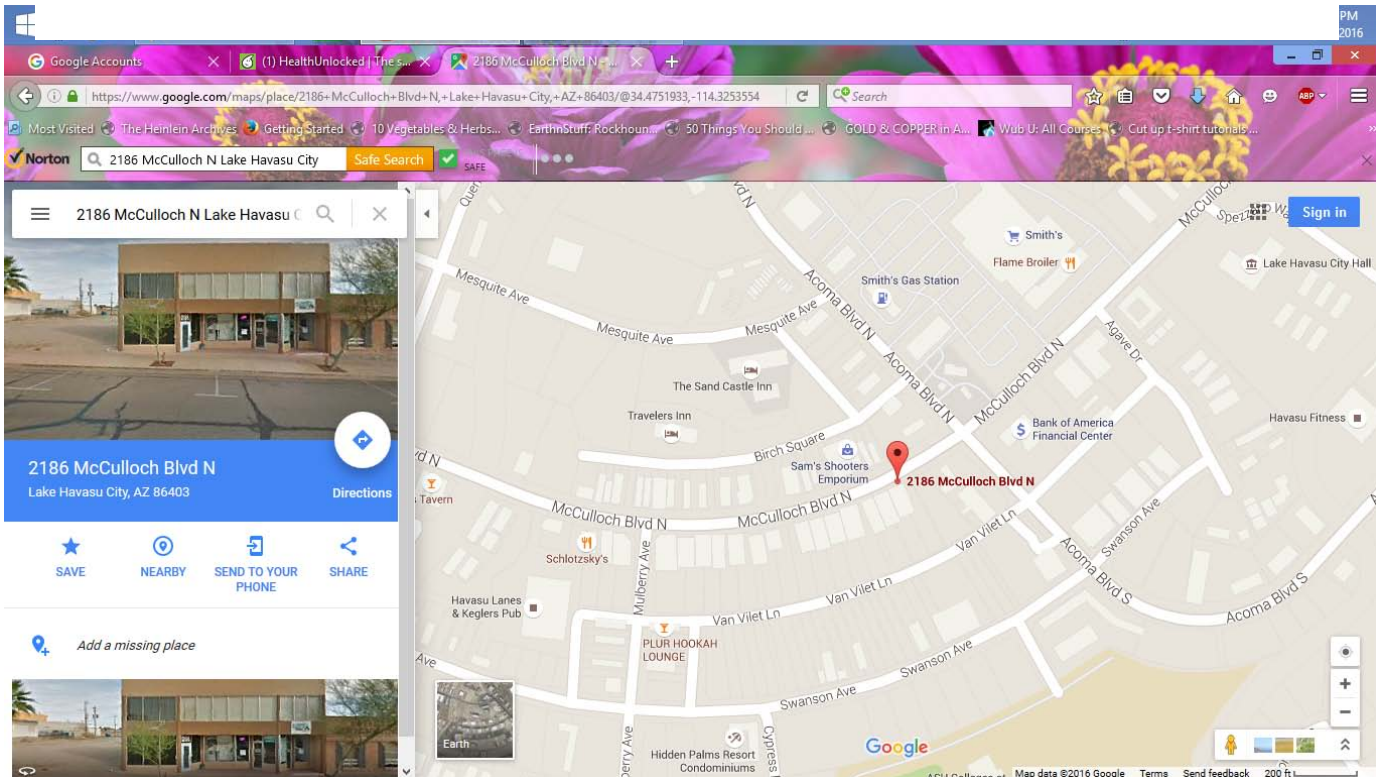
SWAROVSKI CRYSTAL PENDANTS WORKSHOP

\$35 Members
\$50 Non Members

TBD

Havasu Rocks
*supplies everything you need for
the classes!*

Shop & Meeting location AMPLE PARKING IN BACK PARKING LOT!!



Amazing Rock Trivia

- Tourmalines and Quartz will develop an electrical charge when heated, and tourmaline jewelry will attract dust when displayed under hot lights.
- There is no such thing as “Jade” – green “jade” is one of two different minerals, Jadeite or nephrite. Jadeite is the more valuable of the two. The second most valuable color of jadeite is lavender.
- You can dig and pan for colored gemstones such as emerald, aquamarine, moonstones, garnet, citrine, amethyst, ruby, and sapphire at Gem Mountain in Spruce Pine, NC.
- If allowed to sit in moist or humid conditions too long, hematite jewelry has such a high iron content it will rust. Jet, made popular for use in jewelry by Queen Victoria in the 19th century, is actually a type of fossilized coal formed 180 million years ago from trees.
- Pearls, by law, must be called “cultured pearls” unless they are completely natural, and most pearls sold today are cultured.
- Cultured pearls are made by inserting a small shell bead into an oyster or clam as an irritant, and waiting years for the shellfish to cover the bead with its luscious nacre.
- It takes one to three years to grow a cultured pearl (or more).
- Amethysts can fade if exposed to too much sun.
- Rubies were synthesized in the late 1800’s and sellers actually charged more for the synthetics than the natural rubies.

Author unknown. From The Rock Prattle 9/16 via Fort Worth Gem & Mineral Club Newsletter, Jan 2017

HAPPY BIRTHDAY

September

Frank Allen	Blair Morris
Roger Armitage	Marilyn Moyer
Gene Ballen	Michael Puckett
Doreen Bender	Donald Rank
Frank Botello	Dianne Riesen
Arla DeField	Ken Roberts
Laura Duarte	Patrice Rogers
David Flick	Mike Schoenfuss
Renee Good	Krista Socash
Linda Hanes	Nate Stellerine
Colin Herman	Jeff Stocker
Lou Hernandez	Susie Stocker
Lin Jacobus	Jack VanderHill
Sofia Kirk	Andrea Villasenor
Shirley Koepke	Dennis Wilson
Kathleen Larsen	Ross Zie
Carol Lasater	

HAPPY ANNIVERSARY

September

Sandy Amazeen

William & Alicia Burgos

Gail Burns

Ed & Cheryl Byrd

Lisa George

Larry Hansen

Ed & Aleta Huskinson

Jane LaRue

Alex Vallos & Diane Nabors

John II & Meagan Russell

Steve & Patrice Westcott

Bruce & Kimberly Wilhelm

Tom & Shanna Yanity



**LAKE HAVASU GEM & MINERAL SOCIETY
P.O. BOX 990
LAKE HAVASU CITY, AZ 86405**