



Little Gems

Field Trip Memories in Stone...McCracken, Burro Creek, Dendrites located at the Gann home

Volume 2 Issue 8

AUGUST 2009

Message from the President

HI "GEMSTONERS"

The summer is finally winding down and in a few short weeks we will be back out in the field. I know we are all looking forward to that.

Our August Progressive Field Trip was a great success. A huge thank you to all the host homes. The late afternoon proved to be very warm and we all sought the comfort of air conditioned space.

The members enjoyed the camaraderie and the potluck meal at the end of the day. I hope to do this again and visit the homes of other members. It is always a pleasure to see the talents and tastes of our fellow members.

We will be having a speaker on Tuesday, This is going to be informative and hope to see you all there.

"C"

"C" Russell
President
Mohave County Gemstoners

Katherine Heidenreich Senior Center
1776 Airway Ave., Kingman, AZ
Catch up and Chat 6:30 PM

Regular Meeting 7:00 PM

Special Guest Speakers

Luis Vega
Mohave County Sheriff's Office
Search and Rescue
Introduction to GPS

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♣ Club Information ♣

The Mohave County Gemstoners' Club is a member of the Rocky Mountain Federation of Mineralogical Societies (RMFMS) and associated with the American Federation of Mineralogical Societies (AFMS).

The purpose of the Mohave County Gemstoners is to:

1. Stimulate interest in Mineralogy and Lapidary Arts
2. Stimulate individual's interest in cutting and displaying of minerals, fossils and gemstones.
3. Stimulate interest in Stonecutting, carving and setting of fine gems and jewelry.
4. Stimulate interest in other areas, such as faceting, jewelry design, jewelry fabrication and metalsmithing of jewelry.

The Gemstoners meet the second Tuesday of each month at Kathryn Heidenreich Senior Center, 1776 Airway Ave., Kingman, AZ at 7:00 PM. In March, June, September and December there is a potluck dinner that starts at 6:30 PM.

Fiscal year for memberships runs from January 1st thru December 31st. Dues are \$15.00 per person, \$20.00 per couple and \$25.00 for family (residing in the same home). Family sponsored Junior Membership cost is \$8.00. Annual dues are payable on January 1 and are delinquent after the February meeting. Remit payment to Membership Chairman.

Name badges will be required for all members at a cost of \$8.00 for pin type and \$9.00 for the magnetic type each.

Little Gems is published monthly. It is available online at www.gemstoners.org Submissions are requested to be to the editors by the 15th of each month, preferably by email :

gemstoners@live.com or @928-263-1480. *Little Gems* is also published via email - if you have internet, please share your address with the editors. This saves the club money (just under \$1.00 per issue per membership) and you will have the newsletter immediately and be able to view it in color. The Newsletter is in PDF format so it will be necessary to download AdobeReader (free program) to view the newsletter.

♣ 2009 Club Leadership ♣

Elected Officers:

President - "C" Russell (928) 846-0927
 Vice President - Pete Hansen (928) 565-4321
 Secretary - Fred Bunge
 Treasurer - Dave Sims (928) 692-3797
 Sergeant At Arms - John Smith
 Board of Directors:
 One-Year Position: George Tirpak
 Two-Year Position: Leonard Deutsch
 Three-Year Position: Laraine Smith
 Club Committee Chairpersons

Academic Advisor - Rick Vromen
 By-Laws - Nan Russell
 Newsletter Editor - Donna Robinson
 Education - Open
 Field Trips - Gary Gann
 Greeters/Hostess - Cheri Hommel
 Historian - Leonard Deutsch
 Jr. Leader - Laurel Nelson
 Membership - Nan Russell
 Program Director - Open
 Publicity - Open
 Photographer - Melanie Hecht
 Refreshments - Mary Gann
 Show Chairman 2009 - Nan Russell
 Scholarship / Donations - Open
 Social Director/Special Events - Susi Green
 Sunshine - Open
 50/50 - Open
 Ways and Means - Open
 Telephone - John and Laraine Smith
 Webmaster - Leonard Deutsch



Stay up to date, check often
www.gemstoners.org

Mailing Address:

Mohave County Gemstoners
 P.O. Box 3992
 Kingman, AZ 86402

Minutes of the July 2009 General Meeting



The evening started off with our Guest Speakers, Keith and Dana Jenkerson. Many examples of whole and cut meteorites were passed around the room. The cut meteorites, enhanced by etching were very interesting. Pricing of meteorites run from \$15 to \$50 per gram on the average.

The meeting was called to order at 8:10 PM by our President, "C" Russell. The flag salute was led by the Vice President.

Previous Meeting Minutes: Approved as printed in newsletter.

Treasurer's Report: An accounting of receipts and expenditures was presented.

COMMITTEE REPORTS:

Field Trip – Another foray to the area behind the Nucor Steel Plant garnered more Dendrites.

July 26 @ 900AM - Members met at the new Safeway on the corner of Gordon & Stockton Hill. A tour of some of our members' studios, equipment and projects for sale. This was followed by a potluck at "C" and Nan's house.

New Mexico Outing – Aug. 29 – Sep. 7 with the New Mexico Rock Club. Contact Gary, "C" or Nan if you are interested. Bring rocks/slabs to share with other state members attending.

A trip back to Flagstaff is planned for September for more Petrified Wood.

October – back to Burro Creek for more fun and exploration.

Membership – Four new couples have joined the Club. New members who were present, introduced themselves.

OLD BUSINESS:

1. PowerPoint projector – one bid received, looking for a few more. (Item Open – OPR= "C".

NEW BUSINESS:

1. Web Master is working on a new directory for 2010.

FOR THE GOOD OF THE ORDER:

50/50: Shirley Darga - \$30 and Glenda Erwin - \$23.

Melanie brought up that MCC is offering classes in Lapidary, Silversmithing and Metal Casting.

Our Introduction To Geology DVD series is being presented at the County Library.

As there was no further business, the meeting was adjourned at 8:44 PM.









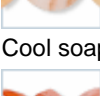



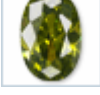


Respectfully Submitted,















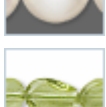


Fred Bunge, Secretary







Can you see the face?

A Special Gift to the Gemstoners from Fire Mountain Gems and Beads, Inc. on Cleaning Gemstones

Gemstone	Toughness	Mohs Hardness	Steaming	Ultrasonic	Boiling	Soap	Untreated Cloth
 Alexandrite	Excellent	8-1/2	Yes	Yes	No	Yes	Yes
 Amazonite	Poor	6 - 6 1/2	Never	Never	Never	Safe	Yes
 Amber	Poor	2 - 2 1/2	No	No	No	below	Yes
Warm soapy water is safe. Do not use a brush because it may leave scratches.							
 Amethyst	Good	7	Risky	Usually Safe	No	Yes	Yes
 Apatite	Fair	5	Never	Risky	Never	Safe	Yes
 Aquamarine	Good	7 1/2 - 8	Usually Safe	Usually Safe	No	Yes	Yes
 Aragonite	Fair - Poor	3 1/2 - 4	Never	Never	Never	Usually Safe	Yes
 Calcite	Fair - Poor	3	Never	Risky	No	below	Yes
Cool soapy water is safe							
 Carnelian	Good	7	No	Usually Safe	No	Yes	Yes
 Citrine	Good	7	No	Usually Safe	No	Yes	Yes
 Coral	Fair	3 1/2 - 4	Risky	Risky	No	Yes	Yes
 Cubic Zirconia (CZ)	Good	8-1/2	Safe	Safe	Safe	Safe	Yes
 Diamond	Good	10	Yes	Yes	Yes	Yes	Yes
 Diopside	Poor	5 1/2 - 6	Never	Risky	No	Safe	Yes
 Emerald	Poor - Good	7 1/2 - 8	No	No	No	Yes	Yes

	Gemstone	Toughness	Mohs Hardness	Steaming	Ultrasonic	Boiling	Soap	Untreated Cloth Yes
	Fluorite	Poor	4	Never	Never	Never	Safe	Yes
	Garnet	Good	7 - 7 1/2	No	Usually Safe	No	Yes	Yes
	Howlite	Fair	3 - 3 1/2	Risky	Risky	Never	Safe	Yes
	Iolite	Fair	7 - 7 1/2	No	No	No	Yes	Yes
	Jade, Jadeite	Very	6 1/2 - 7	Safe	Safe	Safe	Safe	Yes
	Jade, Nephrite	Very	6 - 6 1/2	Safe	Safe	Safe	Safe	Yes
	Kyanite	Poor	4 - 7 1/2	No	No	No	Yes	Yes
	Labradorite	Poor	6 - 6 1/2	Never	Never	Never	Safe	Yes
	Lapis Lazuli	Fair	5 - 6	No	No	No	Yes	Yes
	Malachite	Poor	3 1/2 - 4	No	No	No	Safe	Yes
	Moonstone	Poor	6 - 6 1/2	Never	Never	Never	Safe	Yes
	New "Jade"	Poor	2 1/2 - 6	Risky	Never	No	Safe	Yes
	Olive "Jade"	Poor	2 1/2 - 6	Risky	Never	No	Safe	Yes
	Opal	Poor	5 - 6 1/2	No	No	No	Yes	Yes
	Pearl	Poor	2 1/2 - 4	No	No	No	No	Yes
	Peridot	Poor	6 1/2 - 7	No	No	No	No	Yes

	Gemstone	Toughness	Mohs	Steaming	Ultrasonic	Boiling	Soap	Untreated Cloth
	Rainbow Moonstone	Poor	6 - 6 1/2	Never	Never	Never	Safe	Yes
	Rhodochrosite	Poor	3 1/2 - 4 1/2	No	No	No	Cool Soapy Water	Yes
	Rhodonite	Poor - Good	5 1/2 - 6 1/2	Safe	Usually Safe	No	Warm Soapy Water	Yes
	Ruby	Excellent	9	Yes	Yes	No	No	Yes
	Sapphire	Excellent	9	Yes	Yes	No	Yes	Yes
	Serpentine	Poor	2 1/2 - 6	Risky	Never	No	Safe	Yes
	Shell	Fair	3 1/2	Risky	Risky	Risky	Safe	Yes
	Sodalite	Poor	5 - 6	Risky	Never	Never	Safe	Yes
	Spinel	Good	8	Yes	Yes	No	Yes	Yes
	Sunstone	Poor	6 - 6 1/2	Never	Never	Never	Safe	Yes
	Tanzanite	Poor	6-7	No	No	No	Yes	Yes
	Topaz	Poor	8	No	No	No	Yes	Yes
	Tourmaline	Fair	7 - 7 1/2	No	No	No	Yes	Yes
	Turquoise	Poor - Good	5 - 6	No	No	No	Yes	Yes
	Zircon	Poor - Fair	6 - 7 1/2	No	No	No	Yes	Yes

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Follow the guidelines in this Gemstone Cleaning Chart to properly care for and clean your gemstone beads and jewelry. Gemstones require different cleaning methods based on their hardness, this chart lists the recommended cleaning methods for each stone in order to achieve desired results. **Toughness:** Toughness is a material's resistance to breakage. The combination of hardness and toughness largely defines the durability of a gemstone. **Hardness:** A measure of a mineral's hardness and its resistance to scratching, invented by Austrian mineralogist, Friedrich Mohs. The scale goes from talc (number 1) being the softest, to diamonds (number 10), being the hardest substance known by man.

Field Trip Reports for July 09

Progressive Field Trip July 26th



We met at 9 AM at Safeway to leave on the first leg of our progressive trip. Gary and Mary hosted the early group serving coffee and fresh doughnuts. Twenty four people came together for this outing.

Next we went over George Tirpak's house and looked over his enormous collection that has accumulated over the years from all over the west and northwest. He has had inquiries from other clubs if he would like to sell the whole collection to them. He is giving

the Gemstoner's first option to buy what they might want.



From there we went on to Bob & Laurel Nelson's home to see what they have been collecting. Laurel is the Queen of yard sale Rockhounding. It is amazing the material she has found.



Bob and Laurel served up cool air, fruit and drinks. This was greatly appreciated. It gave us the energy to move on to Roger Price's home



Roger has many fine pieces of premium jasper. He winters down in Quartzsite and does some collecting while there. I think Roger got a little short changed by the heat. The group was starting to wilt by afternoon and was looking forward to getting to Nan and "C"s home where it was air-conditioned. Maybe we are sissies but we were hot and tired.



At the Russell home there were plenty of rocks to look at and a potluck meal and a chance to sit around and swap stories. Good time by all and let's do it again!

Life Members as of May 2009



Eiko Bosserman

Betty Busch

Mildred Page

Lucille Thompson

Ruth Tacquard



A Very Warm Welcome to the new members who have chosen to join Mohave County Gemstoner .

Kenny and Clarkie Segreaves

Gemstoner



Wishes



Bill Pelter is still working on his recovery from knee replacement

Bob Nelson is doing great!

COVERAGE OF KEITH AND DANA JENKERSON EXCELLENT PRESENTATION WILL BE PRINTED NEXT MONTH



In the Spotlight

Fran Davenport

This is a piece Fran is currently working on.



Fran Davenport does beautiful beading. She endures constant pain from spinal problems and has had multiple surgeries. To help get her mind off things and to keep busy she took up beading.

She and Roger spend the winter down in Quartzsite. She is able to ride her Quad (standing up) and enjoys getting out and exploring. On the days that she is taking it easy, working with the beads is her pleasure.

I would like to have printed more detail on Fran's work, but at this time she is in very deep pain and really not up to being interviewed, Maybe later I can publish more detail.



Earrings with beautiful color combinations

Tools of the trade for the intricate and delicate stringing of the beads.



Fran's not so helpful helper



She has done several necklaces in varied colors. They are striking!





The "Chaparral Rockhounds" of Roswell, NM, invite Rockhounds of all ages to "AGATE RENDEZVOUS 2009", their annual ten-day, nine night fieldtrip campout at

Apache Creek, New Mexico, from August 29th to September 7th, 2009. This is an "Inter-Federation Campout & Fieldtrip Event". Kingman to Apache Creek, NM 407 miles

The Chaparral Rockhounds host AGATE RENDEZVOUS and the Rocky Mountain co-sponsor. If you plan to attend AGATE RENDEZVOUS, please RSVP by August 24th. For additional info, please contact Yonis Lone Eagle, RMFMS Vice President at 505-860-2455 or e-mail at: www.rockymountainrockhounds@yahoo.com



FIELD TRIP GUIDELINES - MCG



Sign in is 15 minutes before departure.

- Leader will state approximately how far, road conditions, and if 4WD is required when each member signs in.
 - Each vehicle is to keep the one behind in sight and STOP if the car or truck is not visible (unless otherwise stated by the leader).
 - Always notify the leader if you are hiking or driving to another site and your approximate return time.
- Participants must notify the leader if they are leaving the group and not planning to return and sign out (with time) and return the radio.
- Members are requested to wear name badges.
 - Handheld radios: stay on Channel 3

Field Trip Schedule

None are scheduled for August at this time.
Anyone have a suggestion?



OHV including ATV UPDATE 2009

Now let me understand this, if I have a hunting license, I can travel across state trust land on existing roads and I do not have to have a state permit. This permit is \$50.00 single, \$75.00 family. If I am scouting or having a picnic then I need a permit. The OHV is always required to have the OHV decal regardless of where it's being driven, \$25.00.

If you travel to Bulldog Canyon in the Tonto National Forest you need a special "free permit".

Camino del Diablo/Area A/Goldwater Range
You need a special "free permit".

BLM Permitted Areas

Sand Tank Mountains on the Sonoran Desert National Monument require the free Barry Goldwater Range permit issued at Explore Arizona Outdoor Information in Phoenix.

Indian Reservations

While several tribes provide excellent recreational opportunities, all travel in reservations is restricted to public roads unless you have a permit from the particular tribe. For a listing of tribal government contact information, visit the Arizona Commission of Indian Affairs website.

Before you ride or drive, always contact the appropriate land manager to check on route closures, fire danger, local conditions, special permits/permission, OHV policy, and maps of route and area information.

You can avoid problems if you are "IN THE KNOW"

Web sites at www.azstateparks.com/ohv and www.azgfd.gov/ohv.

KINGMAN LIBRARY**DVD SERIES 6:15****Wednesday ,August 19 @ 6:15pm**

Damage from Earthquakes
Seismology
Formation of Mountains

Final in Series

Wednesday, Sept at 6:30pm

Organic Styles
Economic Geology of Coal
Economic Geology of Petroleum

**Happy Birthday**

FW Mooney 10th

Carole Robinson 16th

Happy Anniversary

Bill & Shirley Darga 19th

John & Laraine Smith 21st

Frank & Doris Marz 30th

Ralph & Nia McNish 30th

**FOR SALE
OR TRADE**

For Sale: Lots and Lots of Jasper: Slabs and Rough
Deschutes Jasper
Mushroom Jasper
Monarch Jasper
Call Roger at:
503-351-0084
or
928-757-1052

**George Tirpak**

Rocks and minerals of all kinds
Selling many years worth of
collecting. Large or small specimen & lapidary pieces, ID, UT, NV, TX, OR. call 928-753-1656

**News**

All abandoned mines and caves are closed to humans in 13 eastern states due to the white nose fungus that is 90% fatal to bats. This usually lasts for two years.

**August Birthstone****August Birthstone: Peridot**

Color: Yellow or Green

Hardness: 6 1/2 - 7

If fire appears to leap from the vibrant green surface of the Peridot, this may be because this gem is formed as a result of volcanic activity. Many years ago, natives discovered Peridot crystals in the black sands of Hawaii, explaining their presence as tears shed by Pele, the volcano goddess. Throughout history, August's birthstone has been used as a means to connect with nature. Early Egyptian priests drank a stimulating beverage called Soma from cups made of Peridot, believing this practice to draw them closer to Isis, the goddess of nature.

The name Peridot comes from the Arabic word "faridat," meaning gem. Ancient Egyptians called them the "gem of the sun," because of their dazzling brilliance when seen in the desert sun. It was believed that the Peridot glowed with light even as darkness fell, which is why miners were said to have scouted for these gems during the

night, marking their location, and returning in the light of day to retrieve them. Perhaps this legendary mining method is the reason that the Peridot is sometimes called "evening emerald."

Peridot is a mineral named Olivine, which is found in a variety of greens, ranging from light yellowish green to a dark olive. Early mining for this gem was done on Saint John's Island near Egypt around 1500 BC. The green crystal was considered protective against evil and when set in gold, especially helpful against night terrors. It was ground to powder and used as a remedy for asthma and as a cure for thirst brought on by fever. Today, Peridot is mined in Burma, Norway, Brazil, Australia, Hawaii, the Congo, and in Arizona.

The force of nature is alive within a Peridot, making a gift of this gemstone symbolic of vitality. It signifies strength, both individual and within a relationship, as well as the promise of new growth in years ahead.



Birthstone for August
of the World" by Walter Shuman

August 2009

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4 Board Mtg	5	6	7	8
9	10	11 General Mtg	12	13	14	15
16	17	18	19 DVD Series Library	20	21	22
23	24	25	26	27	28	29 New Mexico
30	31					

September 2009

SUN	MON	TUE	WED	THU	FRI	SAT
		1 Board Mtg	2	3	4	5
6	7 Labor Day	8 General Mtg	9	10	11	12
13	14	15	16 DVD Series Library	17	18	19
20	21	22	23	24	25	26
27	28	29	30			



Little Gems

Mohave County Gemstoners

Editor

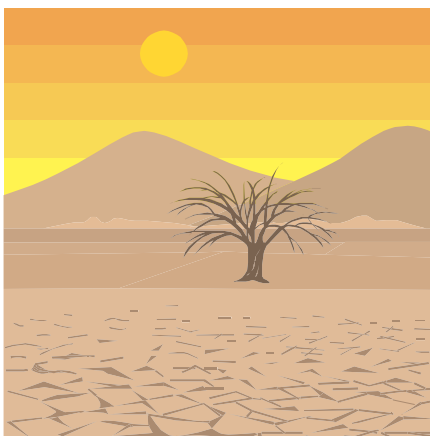
P O Box 3992

Kingman, AZ 86402

Address Correction Requested



An organization dedicated to the social activities, education, sharing of information about
and just plain fun of looking for special “gifts” of beauty abounding on our planet.



Had enough of that fine dry desert air yet?