

# LITTLE GEMS

Volume 3 Issue 10

October 2010



## Message from the President

Hi Gemstoners,  
Another month has flown by. Laraine and I missed the potluck due to health problems in the family - - not Laraine and I, thank goodness. We were in California visiting my older brother who has cancer and was scheduled to have major surgery. Surgery was cancelled and his treatment is pending more tests. We had a nice visit inspite of his problems.

The board members had breakfast with Vice President, David Frybarger of the Lake Havasu club and his wife and exchanged information about the Honey Onyx claim and other items of interest to both clubs. The general agreement was that it would be nice to have a joint field trip to work on the claim some time in the future and maybe some other joint field trips. Many good ideas were shared by Becky Frybarger to help our show chairman with the 2011 show, and also to recruit some of the younger crowd.

Our elections are coming up the end of the year and we need club members to get more involved with the club functions. Step up and take part in your club! There are many areas that need your input and participation. Please share yourself with the rest of the club.

See you at the October meeting.

John Smith, President

Mohave County Gemstoners

General Meeting:  
Second Tuesday of the month  
Katherine Heidenreich Senior Center  
1776 Airway Ave.,  
Kingman, AZ 86401  
General Meeting  
7:00 PM

## Mohave County Gemstoners' Annual Rock & Mineral Show

**WHEN:** April 9<sup>th</sup> and 10<sup>th</sup>, 2011

**WHERE:** Kingman Academy of Learning High School  
Gym 3420 N Burbank

**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.**

**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. Junior Membership cost is  
\$8.00.**

Name badges are required. \$8.00.

Little Gems is published monthly. It is available online at [www.gemstoners.org](http://www.gemstoners.org) The Newsletter is in PDF format so it will be necessary to download AdobeReader (free program) to view. Submissions should be to the editor by the 20<sup>th</sup> of the month. Editor email address:

[M C GEMSTONERS@AOL.COM](mailto:M_C_GEMSTONERS@AOL.COM)



### MINUTES OF THE Sept 2010 GENERAL MEETING

The evening started with a pot luck supper. Though we had a smaller group than usual, everyone had a good time.

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The meeting was called to order at 7:15 PM by our Vice President, Al Zoellner. The flag salute was led by the Sergeant At Arms.

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Previous Meeting Minutes: Approved as published in the Little Gems Newsletter.

Treasurer's Report: The Club is in good financial shape. An accounting of receipt and expenditures was given.

Correspondence: (NONE)

#### COMMITTEE REPORTS:

**Membership** – We welcomed two guests, Richard and Ginny Witt this evening. Membership of 113 as of this meeting. Those with anniversaries and birthdays this month were introduced.

**Show** – Show meeting will be held 20 SEP at 4 PM at the Library.

**Field Trip** – A trip to the Chemical Lime Plant in Peach Springs on 24 SEP. A trip to Flagstaff is 08-10 OCT. On 24 OCT we will be at Castle Mountain.

**Web Master/Editor** – Need suggestions and articles for our newsletter.

**Refreshments** – We will need cookies and snacks for the OCT meeting.

#### OLD BUSINESS:

1. December 14th Meeting – A sit-down dinner will be at Lombardo's on Eastern AV. The price of the meal is \$15 per person, which will be turkey, ham, all trimmings, non-alcoholic beverage, desert and gratuity. Sign-up with Pete. Make checks payable to the Gemstoners and get them to Pete no later than the NOV meeting.

2. Business Cards – We now have business cards to hand to perspective members. They will have our web site, meeting information, mailing address, etc. This has proven to be a very good recruitment tool.

Stay up to date, check often

[www.gemstoners.org](http://www.gemstoners.org)

## 2010 Club Leadership

### **Elected Officers:**

President – John Smith

Vice President – Al Zoellner

Secretary - Fred Bunge

Treasurer - Pete Hansen

Sergeant At Arms – Gary Gann

### **Board of Directors:**

One-Year Position: Kenny Segreaves

Two-Year Position: Laraine Smith

Three-Year Position: Jack Hommel

### **Club Committees 2010**

By-Laws – Fred Bunge

Newsletter Editor – Gary Gann

Field Trips - Jack Hommel

Greeters – Cheri Hommel

Membership – Dorothy Bunge

Photographer - Melanie Hecht

Refreshments – Mary Gann

Show Chairman 2011 – Mary Gann

Sunshine – Lynn Roe

Telephone - John and Laraine Smith

Webmaster – Mary Gann

Mohave County Gemstoners

P.O. Box 3992

Kingman, AZ 86401

3. Revised Constitution, By-Laws, Standing Rules and Appendix "A". The revision was unanimously passed by the membership.

4. Election Committee: We need two members to join Jack on the committee. Four offices and one Board Member will require filling for 2011.

NEW BUSINESS:

1. Secretary: We are looking for a volunteer to run for Secretary. Essentials of the job are to have a computer and be able to use Microsoft Word.

FOR THE GOOD OF THE ORDER:

1. We would like to thank Samuel Knott for donating two candles for our door prize drawings.

2. The Club will be participating in the Toys for Tots campaign again this year. Please bring your toys to the NOV meeting as the DEC meeting will be our Christmas dinner.

3. MCC will be hosting a demonstration on advanced jewelry making on 27 SEP from 6-9 PM in Room 105D. A six week class will be from 9 AM to 1 PM on Thursdays starting 30 SEP to 04 NOV. Cost for the class is \$106.00 for under 55 and \$82.00 for those over 55. Call Jacey Nash at 692-3027 for more info.

4. Tentative scheduled guest speaker at our NOV meeting will be a presentation on using your metal detector.

50/50: Dorothy Bunge - \$9 and (donated back to Club) - \$5.

As there was no further business, the meeting was adjourned at 7:43 PM.

Respectfully Submitted,

Fred Bunge, Secretary



**FIELD TRIP GUIDELINES:**

- Sign in 15 minutes before departure time.
- Leader will state relevant information after everyone has signed in.
- Leader will announce and set speed on highway.
- Each vehicle is to keep the one behind it in sight. Stop if vehicle is not visible and report situation on radio.
- Always notify leader if you are hiking or driving to another site and your approximate return time.
- If leaving and not returning, notify leader and turn in radio.
- Always take food, water, and First Aid kit.
- Always have a full fuel tank.
- RADIOS: Channel 3
- Name badges required at all Club functions.

**Field Trip Schedule:**

**Oct 8-10:** Flagstaff Campout. We will meet at the Bonito Campground in the Sunset Crater National Park. Some will be going up on Thursday, and Fri will spend most of the day in Sedona. Sat we will leave the campground at 8 AM and spend the morning rock hounding. In the evening we will be at the Lowell Observatory to observe the stars. Sunday the campground closes for the year.

**Oct 24:** Castle Mtn. Meet at Hwy 68 & NW Aztec. 4WD, Geodes, Ryalite, Chalcedony.

*Questions? Call Jack @  
928-565-5156 or 928-897-3488*

*Happy Anniversary*

**Herman & Roenta Hanekamp**

**FW & Loa Mooney**

**Bob & Laural Nelson**

**Dennis & Donna Robinson**

## HAPPY BIRTHDAY!!

FRED BUNGE

GLEND A ERWIN

VICKIE GIBBONS

MOLLIE GISH

HERMAN HANEKAMP

RICHARD PORCH

BOB SINGER

LARAIN E SMITH

DANNY SCHACHT

## OCTOBER BIRTHSTONE

October's birthstone treats the eye to an explosion of shimmering colors, not unlike those of a magnificent rainbow following a summer rain. The Opal derives its name from the Latin word "opalus," meaning precious jewel. Prized for its unique ability to refract and reflect specific wavelengths of light, the Opal was called "Cupid Paederos" by the Romans, meaning a child beautiful as love. One legendary explanation for this gemstone's origin is that it fell from heaven in a flash of fiery lightning.

Ancient monarchs treasured Opals, both for their beauty and for their presumed protective powers. They were set into crowns and worn in necklaces to ward off evil and to protect the eyesight.

Opals are formed in near-surface volcanic rocks, within cavities and cracks. In sedimentary volcanic ash rock, percolating water in the ground dissolves silica that eventually precipitates to form the opal, sometimes becoming the replacement material for fossils -- shells, bones, wood -- whose original material had dissolved away. This gemstone actually contains up to 30% water, so it must be protected from heat or harsh chemicals, both of which will cause drying and may lead to cracking and loss of iridescence.

Opal must also be guarded from blows, since it is relatively soft and breaks easily.

The alternate birthstone for October is the TOURMALINE, a gemstone that exhibits the broadest spectrum of gemstone colors. Gem-quality forms of this mineral have in the past been misidentified as rubies, emeralds and sapphires. In fact, a famous tourmaline -- the size of a pigeon's egg -- belonging to the Russian Empress Catherine the Great was long thought to be a ruby. The name of this gemstone is believed to derive from the Singhalese (Sri Lankan) word "toramalli," a term applied to yellow, green or brown stones, that means "something little out of the earth."

Tourmaline has an unusual property. When it is warmed or rubbed, it attracts small bits of paper, lint and ash. This occurs because the gem becomes charged with static electricity. In fact, Benjamin Franklin used this gem in his studies of electricity. I have had people swear to me that you can actually make a flashlight bulb flicker. Interesting.

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## *The Grandest Cathedral*<sup>JH</sup>

The question is sometimes asked, "Why aren't you in church at worship services on Sundays instead of being *out there* playing around in the hills?"

My reply, rather than being a sharp retort, has come to be one of worshipful glorification of the joy and uplift to be experienced *out there*.

*Out there* is the Maker's own wonderful cathedral, made to His own plan and executed by His own hand. In no other cathedral or church can you experience the awesome grandeur of vistas encompassing hundreds of miles of the world as it was first created. Nowhere else can you lift your eyes and arms to heaven and look directly into the face of your Creator, with no manmade window dressing between you. Nowhere else can you hear so clearly on the wind those oh so beautiful voices of the choirs of angels singing songs meant for your ears only.

*Out there* is beauty grander than any that could be conceived by all the artists of all the centuries in the entire world. All of man's creations are mere piffle when compared to the true glory of the world around us. Even the most ornately sculpted, painted, or gilded fabrications of man fade away to nothingness when

compared to the beauty to be found *out there*. There is true peace to be savored while gazing at the incomparable shapes, textures and colors that await us *out there* if we only make the time to truly see it rather than just looking at it. There is no cathedral arch to compare to the limitless arch of the beautiful blue sky over our heads. There are no cathedral lights or candles to compare to the innumerable stars to be seen in the night sky, nor is there any more glorious, comforting and life giving warmth than that of our magnificent sun.

*Out there* is where we can see, up close and personal, the ultimate color palette and the brush strokes of the Master's hand. Where else can we see the purest shafts of gold highlighted by rays of platinum and silver painted on a background of truest blue than in the first moments of day? Where else can we possibly be so in awe as when we absorb the wonder of a sunset of limitless shades of orange and gold contrasted with the pastel pinks and deep purples of the western sky while we watch flotillas of magnificent cloud ships sail their way to places of which we can only dream?

There is no sweeter perfume anywhere than that to be found *out there*. Where else can we possibly enjoy the limitless scents and aromas than when we stand and taste the breeze as it carries the essence of millions of blossoms and leaves to us? Where else can we literally taste the richness of the earth on the wind than *out there* right after a rainstorm? No cathedral anywhere, with all its incenses and perfumes, can match either the power or the subtlety of the aromas to be found outdoors.

Some of the world's most beautifully carved and sculpted statuary is used to add to the glory of cathedrals and churches but none of it can compare to the wondrousness and purity of form of a mountain that has been millions of years in the making, or the sinuous beauty of a deeply incised canyon, or the simple meanderings of a small stream seen against the background of gently moving trees.

There are those who would challenge with the question "What of the fellowship to be enjoyed within the walls of churches and cathedrals?" The response to that question is simply this: we, who choose to worship *out there* rather than inside a building, share a strong and deep bond of fellowship with others of a similar mindset and our hearts are no less pure and dedicated because we enjoy the company of our Master without the impediment of a roof over our heads.

My invitation to those who feel the need for a building in which to worship is this: The Lord created that entire magnificent outdoors for you, why not get out there and enjoy the gift that was given to you with no strings attached. Leave behind the trappings of man, if only once in a while, and take your heart and your soul *out*

*there* for a personal visit with your Maker? There is no place where there is greater purity and beauty.

**OUT THERE.**

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**HOW BADLY ARE YOU GETTING RIPPED OFF???**

by Fred Bunge

Watch TV and you are bombarded with those advertisements to sell your old and broken gold jewelry. They are so misleading – there is no “middle man”; using a scale and handing out cash that seems to be a fortune or a respected local personality stating, “I did the research, so you don’t have to.” There is a Latin phrase that is still true today as it was in ancient times, **Caveat Emptor**, let the buyer (in this case – seller) BEWARE. These buyers are out to make a profit and if you are not informed, you will get burned.

Another thing people do not understand – gold prices are based on pure (24 Karat) gold. All jewelry is an alloy (mixed with other metals) to give it strength and wear ability. If jewelry were 24 Karat, it would be very soft and deform with use. Most jewelry is 22K to 10K. Based on the purity value (Karat) – the value by weight (usually in grams) is severely diminished. As of this writing, the NY Spot Index for gold is \$1,276.60 per Troy Ounce (1/12 of a Pound or 31.103 grams.) The chart below will be a reality check of what that jewelry is really worth per gram, based on \$1,200.00 per Troy Ounce. Once you do the math, you may get a rude awakening when you get a quote on what you will be offered.

Gold Karat	% Gold	Value per 1 Troy Oz.	Value per 1 Gram	Value per 0.1 Gram	Value per 0.01 Gram	Value per 0.001 Gram
24	99.99	\$1,200.00	\$3858	\$3.86	\$0.39	\$0.04
22	91.6	\$1,099.20	\$35.34	\$3.53	\$0.35	\$0.04
20	83.3	\$999.60	\$32.14	\$3.21	\$0.32	\$0.03
18	79	\$948.00	\$30.48	\$3.05	\$0.31	\$0.03
16	66.6	\$799.20	\$25.70	\$2.57	\$0.26	\$0.03
14	58.3	\$699.60	\$22.49	\$2.25	\$0.23	\$0.02
12	50	\$600.00	\$19.29	\$1.93	\$0.19	\$0.02
10	44.6	\$499.20	\$16.05	\$1.61	\$0.16	\$0.02

Conversion Charts that are helpful and interesting to have at hand. Thank you Fred!

TEMPERATURE	WEIGHT
To convert C° to F°, multiply C° reading by 9 divided by 5 and add 32° to get result. To convert F° to C°, subtract 32°, then multiply by 5, then divide by 9 to get results.	One carat equals 200 milligram (0.2 grams) by international standards. (This should not be confused with <i>karat</i> , which is a measure of the fineness of gold.)
0° C. = 32° F. (Freezing Point)	50 mg. = 1 pearl grain
5° C. = 41° F.	¼ caret = 1 pearl grain
10° C. = 50° F.	4 pearl grains = 1 carat
20° C. = 68°	200 mg. = 1 carat (ct)
30° C. = 86° F.	5 carets (ct) = 1 gram (g.)
(Normal Body 37° C. = 98.6° F. Temperature)	1000 g. = 1 kilogram (kg.)
40° C. = 104° F.	1 kg. = 2.203 pounds (lbs.)
50° C. = 122° F.	28.35 g. = 1 avoirdupois ounce (American)  (141.75 carats)
60° C. = 140° F.	453.6 g. = 1 avoirdupois pound (American)
70° C. = 158° F.	
80° C. = 176° F.	
90° C. = 194° F.	
100° C. = 212° F. (Boiling Point)	

1 Grain (gr)	64.8 mg.
1 Pennyweight (dwt)	1.555 g or 24 gr.
1 Troy Ounce (ozt)	31.103 g. or 480 gr. or 20 dwt
1 Troy Pound (troy)	12 Troy Ounces or 5,760 gr. or 240 dwt

# October 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	Board Meeting at Library 6:30 PM 5	6	7	Flagstaff Campout 8	Flagstaff Campout9
Flagstaff Campout 10	11	General Meeting 7:00 Pm 12	13	14	15	16
17	18	19	20	21	22	23
Castle Mtn. meet at Hwy 68 & Aztec 7 AM 24	25	26	27	28	29	30
31						

# November 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	Board meeting at library 6:30 PM 2	3	4	5	Bagdad Mine Tour meet at Basha's 7:AM 6
7	8	General Meeting 7:00 PM 9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	2 <sup>nd</sup> Annual <i>Thanksgiving Feast in the Desert</i> 24	We will be camping at Burro Ck Campground25	Field trips Fri & Sat 26	We will be leaving at 9:AM 27
Pack up & head for home! 28	29	30				