



## Club Notes



**General Meeting:** Nov. 15th, 2016 7:30 PM at the Church of Christ. Those with the last with **W-Z**, please bring finger foods to the meeting. Unless otherwise stated General Meetings are the third Tuesday of the month at the church at 7:30 pm. You are invited and encouraged to attend! There is a silent auction and door prizes at every meeting.

**Next Board Meeting:** Monday Nov. 14th<sup>th</sup> Board Meeting at the shop 7p.m.

**Next Show Meeting:** The show meeting will be held at the board meeting due to the show chair being out of town.



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**MGSCV Petrograph November 2016**  
**Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc**

This publication is the bulletin of the Mineral and Gem Society of Castro Valley, Inc., a member of the California Federation of Mineralogical Societies, Inc., the American Federation of Mineralogical Societies and the North Bay Field Trip Association.

**Bulletin Submission Policy**

Submission deadline is the second Friday following the General Meeting (normally the second Wednesday of the month.) Anonymous contributions will not be considered for publication in the Petrograph; however, if requested at the time of submission, the contributor's name can be withheld. Members are encouraged to submit articles that may be of interest to the general membership. The bulletin editor reserves the right to edit any submitted articles or omit any submission from publication. Source must be cited for material quoted from other authors. Permission to reprint Petrograph articles is hereby granted provided properly cited.

**2015 MGSCV Officers**

Elected

President - Bonnie Andrade	<a href="mailto:President@mgscv.org">President@mgscv.org</a>	
Vice President - Mike Cox	<a href="mailto:VP@mgscv.org">VP@mgscv.org</a>	
Secretary - Sheryl Cooper	<a href="mailto:Secretary@mgscv.org">Secretary@mgscv.org</a>	(510) 589-8858
Treasurer - Betty Milam	<a href="mailto:Treasurer@mgscv.org">Treasurer@mgscv.org</a>	
1 <sup>st</sup> Year Director - Michelle Bennette	<a href="mailto:Director1@mgscv.org">Director1@mgscv.org</a>	
2 <sup>nd</sup> Year Director - Jodi Minshall	<a href="mailto:Director2@mgscv.org">Director2@mgscv.org</a>	
3 <sup>rd</sup> Year Director - Norm Hodgson	<a href="mailto:Director3@mgscv.org">Director3@mgscv.org</a>	
Federation Director - Mike Mc Bride	<a href="mailto:Federation@mgscv.org">Federation@mgscv.org</a>	
Shop Manager - Beth Farmer	<a href="mailto:ShopManager@mgscv.org">ShopManager@mgscv.org</a>	
2014 Show Chairman - Cathy Miller	<a href="mailto&gt;ShowChair@mgscv.org">ShowChair@mgscv.org</a>	
Membership - Tony Cooper	<a href="mailto:membership@mgscv.org">membership@mgscv.org</a>	510-589-5292
Editor - Diana Cohoon	<a href="mailto:Editor@mgscv.org">Editor@mgscv.org</a>	925-348-3000
Past President - Ron Miller	<a href="mailto:pastpresident@mgscv.org">pastpresident@mgscv.org</a>	

Appointed

Scholarship Chair - Mary Howell  
Librarian - Mary Howell  
Historian - Norm Hodgson  
Purchasing Agent - Beth Farmer  
Education Coordinator - Shirley Buschke  
Field Trip Coordinator - Mike Cox  
Parliamentarian - Doc Buschke  
Reception/Host - Jim Ewing  
Sunshine Reporter - All members  
Door Prizes - Bonnie Andrade  
Web Master - Tony Cooper

[webmaster@MGSCV.org](mailto:webmaster@MGSCV.org)



**Publication Staff**



◇Contributors: Shirley Buschke, Betty Milam, Sheryl Cooper, Mike McBride, Beth Farmer

## MGSCV Petrograph November 2016

### Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc

#### BOARD MEETING

Submitted by **Sheryl Cooper**

Oct. 10<sup>th</sup>, 2016

We started the meeting at 8:00 pm. In attendance were **Bonnie Andrade, Betty Milam, Cathy Miller, Sheryl Cooper, Mike McBride, Beth Farmer, Michelle Bennette, and Jodi Minshall**

**Minutes:** **Mike McBride** moved to accept the September minutes as printed in the Petrograph. **Beth Farmer** seconded the motion and it carried unanimously.

**Treasurer:** **Sheryl Cooper** moved to accept the September treasurer's report presented by **Betty Milam**. **Beth Farmer** seconded the motion and it carried unanimously.

**Federation:** **Mike McBride** has nothing at this time.

**Announcement:** The Christmas General meeting will be on Saturday, December 10th. Doors will open at noon and we will eat at 1:00. The meeting part will be around 2:00 with the raffle at approximately 3:00.

**Shop:** **Beth Farmer** says the 24" saw is out of commission. The electrical issues on other saws were resolved.

The sale on Oct 1st & 2nd brought in \$2600. Some of the money will be spent on carpet in the library, faceting room and office. More estate donations are coming in. Some items are being kept for our museum.

**Membership:** We are getting new members. We are currently at 130 members.

**Sunshine:** **Shirley and Doc Buschke** are doing good. Their kids are checking in on them.

Next board meeting is November 7, 2016

The meeting adjourned at 8:45 pm.

#### GENERAL MEETING

MEETING - Oct 18<sup>th</sup> 2016

Submitted by **Sheryl Cooper**

**Bonnie Andrade** started the meeting at 7:30 pm. There are 16 members tonight.

**Minutes:** **Betty Milam** moved to accept the September minutes as printed in the Petrograph. **Beth Farmer** seconded the motion and it carried unanimously.

**Federation:** If anyone is interested in Camp Zzyzx see **Mike McBride** for details. The cost is \$400, DoBell Ranch in Hollbrook, AZ is now run by the grandkids. It is a great petrified wood collecting place near the Petrified Forest National Park. Grandfather **Frank's** old house is now a museum.

**Shop:** **Beth Farmer** says the saw with the melted blade is now repaired. The electrical cord for the trim saw bank was replaced to prevent a potential problem. A collection of slabs, rough and small tools was donated by **Cheryl Archer** from the estate of **Jamie McDonald**. We made \$2600 from the rock sale in early October. There is still more available for purchase at the shop.

**Show:** The show is March 3 - 5, 2017. **Cathy Miller** says there will be day and evening setup times this year. We need coordinators for several areas. We will teach you what you need to know. The next

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### Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc

show meeting is Thursday, November 3rd at the shop at 7:00 pm.

**Membership:** There are 130 members currently.

**Junior:** Mark Montgomery says he has no juniors at the moment.

**Sunshine:** Shirley and Doc Buschke are upbeat. The family is taking good care of them.

**Announcement:** The Christmas Party will be Saturday, December 10th at the Church of Christ. The building will open at noon and the potluck lunch will start at 1:00. After the meal we will discuss business, raffle the turquoise tree and have a silent auction. The show sign-up sheets will be there also.

**Discussion:** Several people talked about where they were during the Loma Prieta Earthquake in 1989. Do you remember what you were doing? Some were on the road and didn't feel anything. Others were in buildings and watched things sway around them.

**Money Drawing:** The member drawn tonight is Lyle Schoeff unfortunately he is not present. The amount goes to \$115 for the November meeting.

**Member Drawing:** Mark Montgomery, Maya Caudill-Merida, Beth Farmer, Jim Ewing, Horace Robertson, Stephen Caudill-Merida, Betty Milam, Sheryl Cooper, Mike McBride, Neil Delfino, George Kozakura, Cathy Miller, Michelle Bennette and Mark Caudill

The meeting concluded at 8:15 pm while the silent auction wrapped up. Next general meeting is November 15, 2016.



### ROCK RUMBLES

By Shirley Buschke

#### ROCK RUMBLES

Our contributor Shirley has broken both her wrists and will not have a rock rumble for this issue.

### SHOW SCHEDULES

#### AMERICAN OPAL SOCIETY

Anaheim, Ca

Nov. 5-6; Sat. 10-6pm; Sun. 10-5pm

Business Expo Center

1960 S. Anaheim Way

Veronica Purpura 714-509-9959

[info@opalsociety.org](mailto:info@opalsociety.org)

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

#### INDIAN WELLS GEM & MINERAL SOCIETY

Ridgecrest, Ca

Nov. 5-6; 9-5pm daily

John De Rosa 760-375-7905

[jfrocks@dslextreme.com](mailto:jfrocks@dslextreme.com)

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**SAN DIEGO MINERAL & GEM SOCIETY**

San Diego, Ca

Nov, 5-6 Sat. 9:30-5pm; Sun. 10:00-4pm

Bob Hancock 619-889-6886

[Rtourmaline2@aol.com](mailto:Rtourmaline2@aol.com)

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

**SACRAMENTO MINERAL SOCIETY**

Sacramewnto, Ca

Nov. 12-13; 10-5pm daily

Scottish Rite Temple

8151 H St.

Alyssa Mesiznger 916-662-5819

[webadmin@sacramentomineralsociety.org](mailto:webadmin@sacramentomineralsociety.org)

**SUTTER BUTES GFEGM & MINERAL SOCIETY**

Yuba City, Ca.com

Nov. 12-13 Sat. 10-5; Sun 10:00 - 4pm

Yuba Sutter nFair Grounds= Franklin Hall

442 Franklin Ave

Katie Slightam 530-673-9649

[mktalternativesw@comcast.net](mailto:mktalternativesw@comcast.net)

[www.sutterbuttes.net](http://www.sutterbuttes.net)

**OXNARD GEM & MINERAL SOCIETY**

Oxnard, Ca

Nov. 19-20; Sat. 10-5; Sun. 10-4pm

Diane Cook 805-647-8517

[johndianedaisy@yahoo.com](mailto:johndianedaisy@yahoo.com)

[www.oxnardgem.com](http://www.oxnardgem.com)



**GEM OF MONTH Nov. 2016**

**By Shirley Buschke**

**ANOTHER CLUB GEM**

One of the purposes of the Mineral and Gem society of Castro Valley is to educate the public about geological phenomena. And this gem is certainly doing her part. As a part of our annual 990-

EZ report to the IRS, we must indicate how we provide relevant information to the public. We have our annual show, we teach classes and we have a special person who quietly visits school and talks about geology, demonstrates techniques, identifies rocks. She covers mostly Hayward area school. Recently she visited East Avenue School Hayward and Chabot Elementary in Castro Valley for the second time. She also spent a whole day at Fairview Elementary in hayward. Can you imagine working with twelve classes of about 30 students each? She sets up 10 stations of about 5-6 rocks with a short description and she does 3 hands-on experiments. One is a simulation of the rock cycle with star bursts. She makes "fossils" with plaster of Paris and tests hardness with pennies and scratch plates. She also has a small "black box" where

students can see fluorescent rocks under black light.

Who is this fantastic person? **Judith Hutching** . Makes my visits seem insignificant . I talk, show, permit hands on for identification. Love the idea of stations. Can we do this at our show?

### ANOUNCEMENT

None at this time

### BRAD SMITH BENCH TIPS

#### TEMPLATES

Whenever I have to make more than 2-3 exact copies of anything, I think of making a template. A template lets me easily draw the shape of an item. Art stores sell templates for common shapes like circles, ovals, hearts, etc. Other sources would include [cooltools.us/](http://cooltools.us/) and [kingsleynorth.com/](http://kingsleynorth.com/)

For nonstandard shapes, it's easy to make your own template. Simply cut the shape out of sheet plastic or thin sheet metal. My preference is brass. I carefully lay out the shape using a steel ruler, a set of dividers, a scribe, and a fine center punch.

One example is the brass template in the pic below that let's me quickly trace the design of ginko leaf earrings onto silver sheet. Another is the nickel template which makes it easy to drill a pattern of holes for pin inlay into wooden handles.



#### DENTAL TOOLS

A ready source of free tools is your local dentist. Dental picks can be reworked into wax tools or straightened and sharpened to make a stylus for marking and layout. The steel in these tools is high quality, and the handles are designed for comfort.

A special note however - If you want to modify the shape of the tool, don't try to just bend it with pliers. Working this alloy of steel while it's cold will cause it to snap. Changing its shape can only be done when it's hot. I work it like a blacksmith. Prop your torch up on the bench so that you can use both hands for the work. Have a hammer and bench block ready. Heat the tip red hot, and hammer it straight or bend it with pliers.

And don't forget to ask your dentist for some of the cutting burs they throw out. These are useful for a variety of things. It's best to call a week or two before your visit and ask the dentist or hygienist to put some of these tools aside for you. It's good practice also to ask that they run them through the sterilizer for you. If that's not possible, pop them in an oven at around 250  
See all Brad's jewelry books  
at [Amazon.com/author/BradfordSmith](http://Amazon.com/author/BradfordSmith)

**KIDS KORNER**

By: **Isabelle Bennette, 12 years old**

History of jewelry

The first piece of jewelry was a 100,000 year old necklace made of shells. Jewelry has integrated itself into every country's history and shares many of the same symbolic meanings and uses around the world. Jewelry was first used as a symbol of wealth and high social status. Then, it was used as a trading item. Jewelry making became an art in places such as China and Europe. Now, we use it to show our individuality and style.

In the first ancient civilizations, the discovery of precious minerals like gold were found, and many people wanted to show off their wealth by wearing it. For example, in Africa, slaves mined gold for wealthy merchants. As Europe grew, nobles around the country wanted as much jewelry as possible, as it showed power and respect. Even today, one of the most expensive and prized pieces of jewelry is the Sapphire Ring, a royal heirloom passed down in the royal family of England.

As jewelry became more popular, merchants traded with artisans for raw materials such as salt or silver. The Native American people used their shell necklaces as a form of currency. When the Europeans came, they traded their necklaces for fine silks and furs. In China it was very common to have jade bangles or pendants in your home for both religious and decorative purposes, mostly because carved jade was

already being mass produced by many skilled artisans.

As the fascination with jewelry grew, different styles were created. Jewelry makers became artists, including painters and sculptors. Sparkling crystals became necklaces and pearls became earrings. Even today, beautiful masterpieces of emerald and gold hang in museums to show the great artwork of great people.

Currently people use jewelry as a way to show their personality on the outside, or like many of the members, to show their hand-made work to the public. Jewelry is mass produced, and only crafted artisans (like the MGSCV members) can make their own unique pieces. Today there are many different styles from antique to next generation. Even now, we connect technology with jewelry like the Apple watch or Fitbit.

All in all, I think cultures around the world would be very different without jewelry. It has changed history by creating friendships and changing the idea of art itself. It also changes the lives of people by showing them their true passion. Jewelry is a very important part of history for many reasons.



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**Shop Schedule**  
**(All shop session's members only)**

**MAP**

- Monday** 10 AM to 1 PM, Lapidary  
 6 PM to 9 PM, Beginners only in lapidary
- Tuesday** 12-to 5 PM, need daytime supervisor  
 6 PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary  
 Library open 10AM to noon.  
 5:30 - 8:00 PM Lapidary
- Thursday** 10:00 AM to 1:00 PM, Lapidary  
 7 PM to 9 PM, Lapidary
- Friday** 9-1 PM Lapidary, Faceting (experienced only)
- Saturday** 9 AM to 3 PM, Faceting Class 9-12, Juniors,  
 w/supervisor's approval, lapidary  
 Library open 10AM to noon.
- Sunday** 9:30AM to 12:30 PM, Lapidary

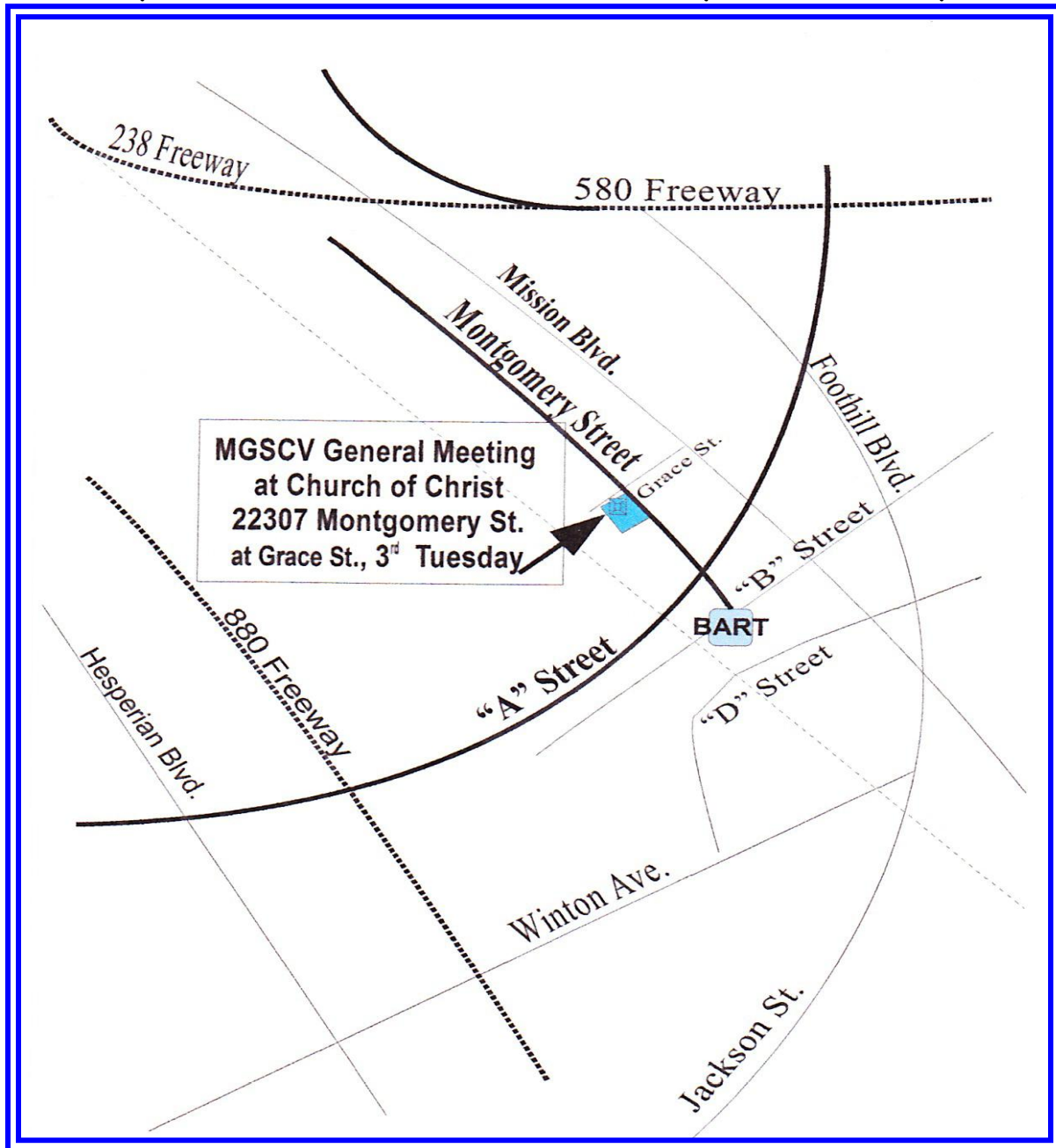


**SHOP NOTICES:**

Email us at [info@mgs](mailto:info@mgs)



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**From I 580: Take the A Street exit and go west, turn right on Montgomery Street and go to 22307 Montgomery Street.**

**From I 880: Take the A Street exit and go East. Turn left on Montgomery Street and go to 22307 Montgomery.**

**From Jackson Street: Go north on Mission Boulevard, turn left onto A Street, then right on Montgomery Street and go to 22307 Montgomery Street.**

# MGSCV Petrograph November 2016

## Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc Mineral & Gem Society of Castro Valley (MGSCV) Membership Application and Information



Membership is good for one calendar year from January 1st through December 31st. Please fill out and sign the application. Mail the completed form, a check for the dues **payable to MGSCV**, and a self-addressed, stamped envelope to - **MGSCV, Attn: Membership Chair, P.O. Box 2145, Castro Valley, CA 94546.**

Your membership is active upon receipt of your check and application. It will be processed and membership cards will be at the shop within 4 weeks. Your email will be added to the list for the Petrograph, our newsletter. Your name will be added to the roster in the lobby at the workshop and in the drawing at the general meetings for cash prizes, if present.

We are a non-profit club whose sole purpose is the education of lapidary arts and geological sciences for all who are interested. **No products produced in the shop can be sold for profit.** All members should have or be familiar with the MGSCV Handbook. A copy is available for review in the club's lobby or one can be emailed to you by sending a request to [info@mgscv.org](mailto:info@mgscv.org).

Before any member may operate any equipment or take any class they must have completed an orientation and their first cabochon. **To schedule an orientation send an email to [WorkShopManager@mgscv.org](mailto:WorkShopManager@mgscv.org) with your name, phone number, and a good time to call you.** During the orientation you will learn about the club and get a tour of the workshop. Monday evenings are reserved for beginners only.

Membership dues cover less than 10% of our annual operating costs. It is our annual show that funds the club, workshop and all activities. **\*A requirement of membership is that every member must work at the show for a minimum of 4 hours.** The show is always held the first full weekend of March, so mark your calendars. The show is fun to work and is the reason we have the best workshop/club in Northern California. Shop services such as rock sawing, casting, special classes (faceting, wire wrap, metal work, etc...) will not be available to members who do not work at the show.

Membership Chairperson

Type of Membership(s):  new membership  renewal membership  Lifetime (voted in by the board)

* With Shop privileges	Junior Membership	NO Shop Privileges
<input type="checkbox"/> Single - \$45	<input type="checkbox"/> Junior (11-17 with adult) - \$1	<input type="checkbox"/> Single - \$35
<input type="checkbox"/> Couple - \$80	<input type="checkbox"/> Junior (11-17 without adult) - \$5	<input type="checkbox"/> Couple - \$60

After July 1st all **new** membership dues are half (1/2)

Name(s) (Please print all the names.)

Adults: \_\_\_\_\_

Juniors: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

(Our monthly newsletter, the Petrograph, will be emailed to this address.)

Occupational Skills: \_\_\_\_\_

(Sometimes we are in need of advice and/or help in regards to electrical, plumbing, mechanical, clerical or other skills.)

Confidentiality: (check all that apply) **I do not want** my \_\_\_\_\_ phone \_\_\_\_\_ email printed in the roster at the shop.

I agree with the By-laws and rules of the Mineral & Gem Society of Castro Valley (MGSCV).

Members Signatures: \_\_\_\_\_

**Mineral & Gem Society of Castro Valley (MGSCV)  
Membership Application and Information**