



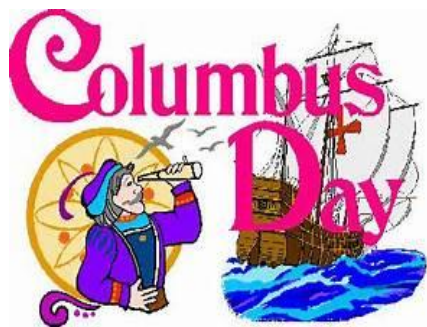
Club Notes



General Meeting: Sept. 18th, 2016 7:30 PM at the Church of Christ. Those with the last with S-V, 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 Sept. 10thth
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 October 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	President@mgscv.org	
Vice President - Mike Cox	VP@mgscv.org	
Secretary - Sheryl Cooper	Secretary@mgscv.org	(510) 589-8858
Treasurer - Betty Milam	Treasurer@mgscv.org	
1 st Year Director - Michelle Bennette	Director1@mgscv.org	
2 nd Year Director - Jodi Minshall	Director2@mgscv.org	
3 rd Year Director - Norm Hodgson	Director3@mgscv.org	
Federation Director - Mike Mc Bride	Federation@mgscv.org	
Shop Manager - Beth Farmer	ShopManager@mgscv.org	
2014 Show Chairman - Cathy Miller	ShowChair@mgscv.org">ShowChair@mgscv.org	
Membership - Tony Cooper	membership@mgscv.org	510-589-5292
Editor - Diana Cohoon	Editor@mgscv.org	925-348-3000
Past President - Ron Miller	pastpresident@mgscv.org	

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



Publication Staff



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

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BOARD MEETING

Submitted by **Sheryl Cooper**

Sept. 12th, 2016

We started the meeting at 7:00 pm. In attendance were **Bonnie Andrade, Mike Cox, Sheryl Cooper, Betty Milam, Michelle Bennette, Jodi Minshall, Mike McBride, Beth Farmer, Diana Cohoon, and Cathy Miller.**

Minutes: **Jodi Minshall** moved to accept the June minutes as printed in the Petrograph. **Michelle Bennette** seconded the motion and it carried unanimously.

Treasurer: **Beth Farmer** moved to accept the June, July and August treasurer's reports presented by **Betty Milam.** **Diana Cohoon** seconded the motion and it carried unanimously. The Newark Pavilion has agreed to charge us 2012 rental rates for the next five years.

Federation: **Mike McBride** has Thank You letters for **Genevieve & Maggie Shiffrar** for donations to the club. Their grandfather was **Joe Shiffrar** from Nipomo, California. He had the privilege of naming Sagenite Agate.

The BLM met with people from 15 clubs in the desert and decided to let us to still collect from the areas already established.

Shop: **Beth Farmer** thanks **Simon Chen** for cleaning out a saw. She is almost finished repairing another saw.

Estate Sale on Oct 1st and 2nd from noon to five.

Show: **Cathy Miller** says plans are in work. We are working on the signup sheets. We will have evening hours for setup this year. We need to find coordinators for several positions. Two squares have been purchased to use during the show to collect admissions and auction bids. The next show meeting is Thursday, October 6th.

Membership: We have 127 members.

Unfinished Business: **Michelle Bennette** is done with the 501c3 application. If it is excepted it will be as of the date of the application.

We continue to work on operating procedures and updating the by-laws.

Next board meeting is October 10, 2016

The meeting adjourned at 8:35 pm.

GENERAL MEETING

MEETING - Sept 20th 2016

Submitted by **Sheryl Cooper**

Bonnie Andrade started the meeting at 7:50 pm. There are 19 members and 4 guests tonight.

Lisa has been to our show and friends suggested she should come see us.

Julie went to a show and they recommended us. She has a large of collection of rocks. Her mom, **Jenell**, came also and agrees there are a lot of rocks.

Minutes: **Betty Milam** moved to accept the June minutes as printed in the Petrograph. **Jodi Minshall** seconded the motion and it carried unanimously.

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2016 Junior Rock Hounds of the Year

Mike McBride is proud to present our very first certificates to two sisters. They have worked the spinning wheel at the show, been to shop cleanups, and worked on their lapidary items at the shop. **Elizabeth Bennette** was encouraged by our editor to write a monthly kids column. She mentored her sister **Isabelle Bennette** to take over as she got ready to leave for college. Many have commented about the great articles both have contributed. Congratulations **Elizabeth** and **Isabelle**.

Isabelle and her mom and dad were present for the presentation. **Elizabeth** was able to see and hear us even though we couldn't see her during a Skype call. Congratulations **Elizabeth** and **Isabelle**. You are the 2016 Junior Rock Hounds of the Year.

Federation: In the July 2016 CFMS newsletter there is an article about the BLM and members from several clubs meeting to discuss the Mojave Desert collecting areas. The AFMS presented data and they were impressed with the code of ethics in place. It was decided that collecting in Mojave Trail National Monument would be allowed in some areas.

Announcement: The California Academy of Sciences in Golden Gate Park has an exhibit opening September 30th called *Gems and Minerals Unearthed*. There will be nearly 400 specimens on display.

Shop: Mark the dates Oct 1st and 2nd, there will be an estate sale from noon to five at the shop. There are buckets and buckets of rough and slabs for sale. Bring cash.

Membership: There are 127 members. The new list and cards will be posted soon at the shop.

Show: **Cathy Miller** reminds us the show is March 3 - 5, 2017. Setup will start at 10:00 am this year and there will be an evening shift. We can all do publicity. There are flyers at the shop that can be taken to shows and passed out to everyone you meet. We need coordinators for several positions. You can email **Cathy** at showchair@mgscv.org The next show meeting is Thursday, October 6th at the shop at 7:00 pm.

Money Drawing: The member drawn tonight is **Esperanza Hempel** unfortunately she is not present. The amount goes to \$110 for the October meeting.

Guest Drawing: **Lisa, Julie and Jenell**

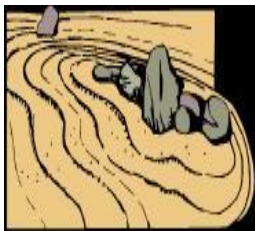
Member Drawing: **Isabelle Bennette, Bill Luna, Sheryl Cooper, Michelle Bennette, Cathy Miller, Neil Delfino, Charles Meyer, Jodi Minshall, Lee Daguman, Jim Ewing and Lily Pate**

The meeting concluded at 8:40 pm while the silent auction wrapped up.

Next general meeting is October 18, 2016.

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ROCK RUMBLES Sept 2016

By Shirley Buschke

ROCK RUMBLES Oct. 2016

Lily Johnson just finished a beautiful silver ring. She used the dried sepals of a quince plant. That's the part that the petals attach to. It is quite large. Quinces are about the size of an apricot. **Lily** said she was on her way to Las Vegas for the balloon races. I thought they were only in New Mexico. learn something every day.

Sub Nashimoto just returned from a gold mining trip, took his cousin along. Not much luck but lots of fun.

Beth and several members have been bringing old Lapidary magazines, Sure has been fun looking at them they have Lots of ideas. And some pretty junky stuff, too. Even **Ed rigor** has been enjoying them.

Nice to see Jim Ewing . He says his family is his taxi service since he can't drive yet.

What a wonderful tribute to our junior correspondents on the Petrograph. Both girls are deserving of kudos. Writing is fun, but deadlines are not. Those **Bennett** girls are mighty talented.

We went to Monterey to visit their annual rock show. It's small but nice. A good silent auction of rocks. Did you get

any at our rock sale? Many had been stored in **Arland Stoke's** back yard since we moved to this location. I think **Marge** has moved to her daughters.

Doc Buschke has finished his turquoise tree so save your money to buy tickets for the drawing at our Christmas dinner. Might even have a few other lapidary stuff in our auction for your Christmas presents.

Did you do the math? Judith Hitchings interacted with 30 x 12 students in her recent school visit. Must be the whole school.

Mark wants to know who put the Dublin Car Wash tokens in the coffee pot coin box. Really!!! Even at McDonalds coffee is a dollar and LOTS more at Starbucks.

SHOW SCHEDULES

MOJAVE MINEROLOGICAL SOCIETY

Boron, Ca

Oct. 1st * & 2nd Sat. 9-5, Sun. 9-4

Boron Recreational Center

26988 John St

Bruce Davies 768-338-8829

daviesb@yahoo.com

VISTA GEM & MINERAL SOCIETY

Vista, Ca

Sat. 10-5, Sun. 10-4

Antique Gas & Engine Museum

2040 N. Santa Fe ave

Ray Pearce 760-726-7570

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raysrocks@cox.net

SHASTA GEM & MINERAL SOCIETY

Anderson, Ca

Oct. 8th & 9th

Sat. 9-5, Sun. 10 -4

Shasta District Fair Ground

1890 Briggs Street

Steve Puderbaugh 530-604-2951

Kelly13@shasta.com

www.shastagemandmineral.com

NAVADA COUNTY GEM & MINERAL SOCIETY

Grass Valley, Ca

Oct. 8th & 9

10=5 daily

Navada County Fair Grounds main bldg.

11228 Mc Courtney Rd.

Todd Lawson 530=305=9212

webmaster@ncmgs.org

www.ncmgs.org

SEARLES LAKE GEM & MINERAL SOCIETY

Trona, Ca

Oct. 8 & 9

Sat. 7-5, Sun. 7-4

SLGMShow Building

12227 Main St.

Jim & Bonnie Fairchild 760-372-5356

slgms@iwvisp.com

www1.iwvisp.com/tronagemclub

FALLBROOK GEM & MINERAL SOCIETY

Fallbrook, Ca

October 9, 9-4pm

Fallbrook Gem & Mineral Building

123 West Azlvarado St.

Janice Bricker 760-728-1130

fgms@sbcglobal.net

www.fgms.org

WOODLAND HILLS ROCK CHIPPERS

West Hills, Ca

Oct. 15 10-5

First Methodist Church

22700 Sherman Way

Mary Beth Pio 818-349-9164

info@rockchippers.org

www.rockchippers.org

WHITTIER GEM & MINERAL SOCIETY

Whittier, Ca

Oct. 15-16 10-5 daily

Whittier Community Center

7630 Washington Ave

Frank Winn 626=239=5457

rkhndfw@gmail.com

PENINSULA GEM & GEOLOGY SOCIETY

Los Altos, Ca

Oct. 22-23 10-5 daily

Los Altos Youth Center

One San Antonio Rd.

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Steve Jobe 408-834-5384

Steve_jobe@sbcglobal.net

www.pggs.org



GEM OF MONTH Oct. 2016

By Shirley Buschke

This month's gem is a local. He was born in Berkeley, graduated from Berkeley High school and spent 18 months in Germany in the army. When he came home he went to work for AC Transit and stayed there for ten years. Then he spent the next 28 years working in **Harry's Nursery** doing all the things needed to keep the nursery going. Maybe we can get some advice on keeping the bugs off our plants. He is now retired. he has two brothers and a sister.

He has always been interested in mining and has had experience in sluicing and panning. He never got much gold, but enough to keep the interest up. While mining, he also liked to pick up rocks. He eventually joined a Sui Seki club. Members check out rocks and come up with natural look arrangements. Part of the problem here is to find a way to slice those big rocks so they fit into the design desired. Somewhere along the way, he met some one from the Concord Club who told him the

Castro Valley Club had a shop and maybe he could find someone to cut his rocks. When he made contact, he was told he could join but that the club did not cut for non-members so he joined and has been plugging along ever since.

He said cabbng was more complicated than he expected but he is persevering. His favorite stone is jade. He has a terrific ability to see scenes in rocks he collects. He then does the cutting and wood work to make a base that fits his "scene". When asked if he had any other hobbies, he said he likes to walk and when he wins the lottery his goal is to travel, travel ,travel.

Who is our gem? **Sub Nashimoto** and he is here most Wednesday mornings.

ANOUNCEMENT

Shirley Buschke has fallen at the Monterey Show and broken both of her wrists. Her daughter sent me an email on the 28th to say she won't be doing articles for awhile, nor will she and Doc be attending the shop for awhile either. We should get a card and have everyone sign it and send it to Shirley.

BRAD SMITH BENCH TIPS

REMOVING SOLDER FROM A BEZEL

Sometimes when you solder a bezel to a base plate, you end up with excess solder that needs to be removed before setting the stone. My choice of tool for this is called an "Inverse Cone" bur used in a rotary tool or flexshaft. It cuts on both the bottom and the side and is

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shaped so that there's less chance of cutting into the bezel wall than if you used the more common cylinder bur shape. I find the 2 mm size useful for almost any bezel.

TESTING FOR SILVER

Often you need to identify some of those unknown "silvery" pieces in the bottom of the toolbox or some piece of old jewelry. Is it silver or something else?

Of course, if you need to know exactly what you have, it's best to send your metals off for refining. But inexpensive silver testing solutions can be used to help distinguish higher silver content alloys from alloys that have the same appearance but with little to no silver content, like German Silver or Nickel.

I purchased a half-ounce bottle of JSP Silver Testing Solution #GT41.

It's not a rigorous analytic test, but it lets you know if you're on the right track. And it's inexpensive. Mine was only \$3.

With a fresh solution you have an instant reaction after applying it to the metal being tested. The procedure is simple - as you apply a small drop, look for a color change. Note that the acid will leave a slight mark, so choose a spot that is out of the way or will be easy to polish.

If you suspect the object is silver plated, you should file a little notch somewhere inconspicuous to expose what metal is below the surface. Otherwise, all you test will be the surface plating.

Here's the reaction I got when testing various materials:

Fine silver	Red/Orange
Sterling silver	Brick Red
80% silver 20% copper	Dark red
changing to gray	
Brass	Yellow
changing to blue	
Nickel	Gray-green
Copper	Yellow
changing to blue	
Steel	Black
Stainless Steel	No color change

Caution - If you do any of this testing, know that you are handling a reasonably strong acid. The GT41 label says it includes nitric acid and potassium dichromate. Wear safety glasses. Do not get any testing solution on your skin. Use a solution of baking soda and water to neutralize acid.

Wash and clean up well when you're done.

See all Brad's jewelry books at [Amazon.com/author/BradfordSmith](https://www.amazon.com/author/BradfordSmith)

.KIDS KORNER

By: **Isabelle Bennette, 11 years old**

On Tuesday, September 20, I joined my mom to go to the General Meeting for the Gem and Mineral Society board. I was really excited to see how the meeting went and what they do. We planned to Skype my sister so she could see the members of Gem and Mineral Society for one of the last times. She called from her apartment at UC

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San Diego. I believe we were both surprised by what came next.

Mike McBride, our Federation Director, presented us both with the **Junior Rockhound of the Year Award**. **Mike McBride** must've been working really hard on making this award possible because the presentation was so well organized and very thoughtful. I would like to thank everyone who put their time into this award. I hope this encourages other budding juniors to become more active. The Gem and Minerals Society really grows on you because of their great people and a great shop.

The Mineral and Gem Club has been running for almost 60 years. It is interesting seeing all the different members we have today. **Jim Ewing**, the oldest member of the Club has been teaching me a lot, and it is great to hear about his experiences. My mentor, **Mark Montgomery**, is also vital to my growing interest in rocks. He's shown and taught me a lot about different rocks, like dinosaur fossils, which I wrote one of my articles on. **Diana Cohoon**, editor of the Petrograph, is also very important to me. She really pushed me to make my articles great. Gem and Minerals has been a hobby to my family for many years and I have many great memories of learning with my sister and talking to different members like **Beth Farmer** and **Doc Buschke**. I remember a lot of happy faces at the shop, and I consider it home.

I think the Gem and Mineral society has been a part of my childhood because I grew up around people carving stones and buying

rocks. Just the idea of the club is interesting too. Not a lot of towns have a place for such an amazing hobby as collecting and shaping rocks and minerals. Each rock is unique, yet tough. Each stone is old, but always new in shape. Each crystal is bright, but changes over time. I think rocks are really rare and a fascinating topic and it's really cool how so many people are interested and experienced.

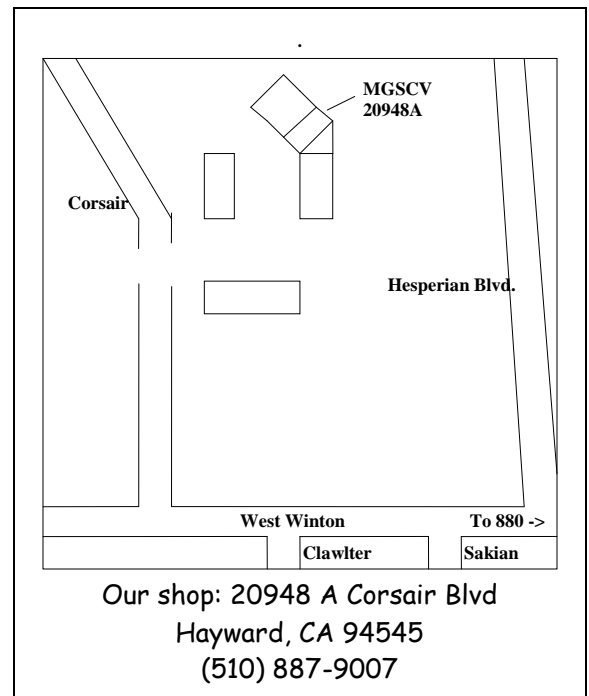
All in all, the Gem and Minerals Society has really been an amazing place full of great people. You always come out learning something new and with something accomplished. It's a great place to be and I thank all the members to contributing to the Gem and Minerals Club and being there for me.



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Shop Schedule
(All shop session's members only)

MAP

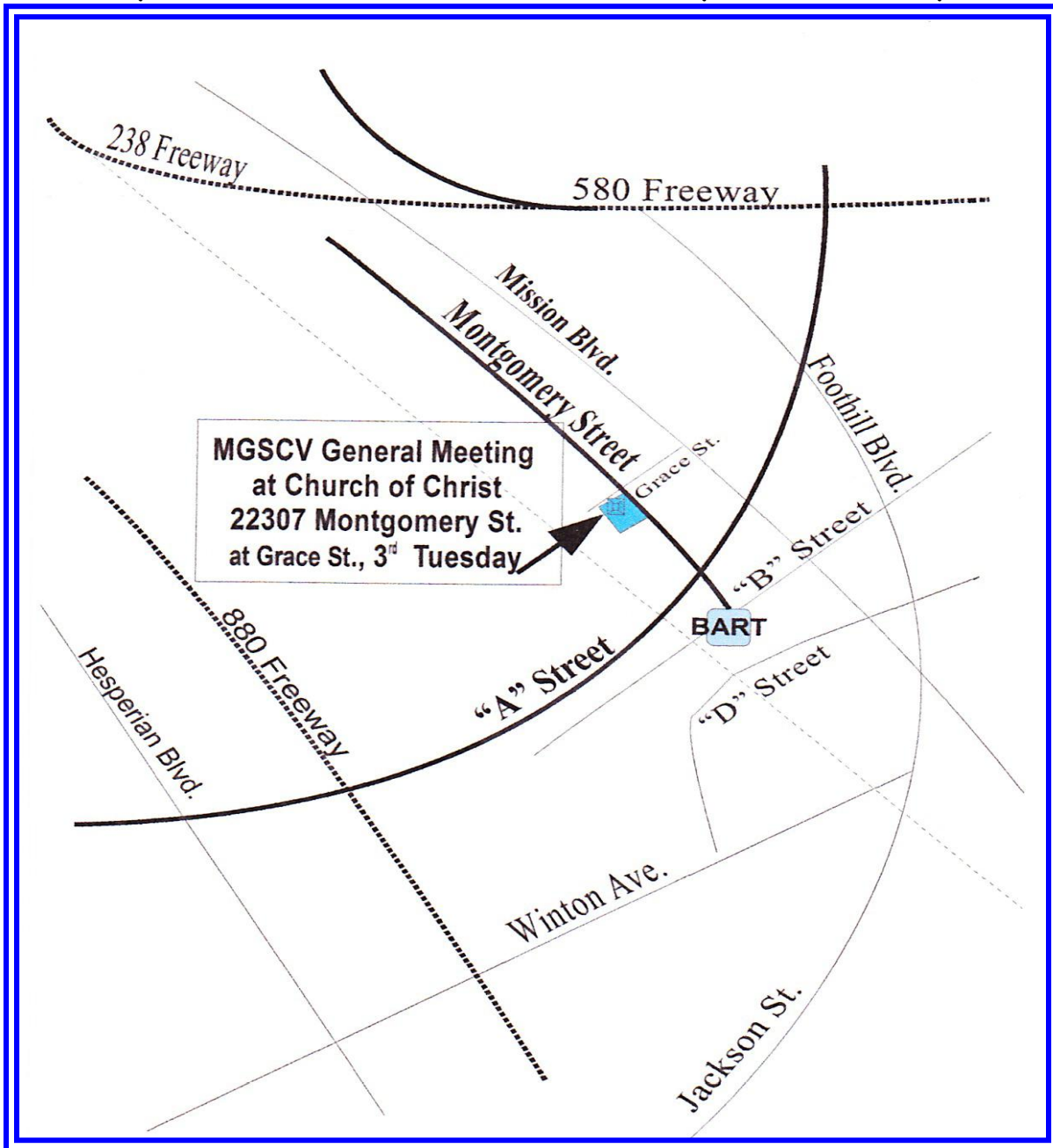
- Monday** 10 AM to 1 PM, Lapidary
 6 PM to 9 PM, Beginners only in lapidary
- Tuesday** 12-to 5 PM, need daytime supervisor
 6 PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary
 Library open 10AM to noon.
 5:30 - 8:00 PM Lapidary
- Thursday** 10:00 AM to 1:00 PM, Lapidary
 7 PM to 9 PM, 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

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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.

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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.

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 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**