



Club Notes



General Meeting: June 18th 7:30 PM

If your last name is F-I please bring snacks.

New Members: Unless otherwise stated, General Meetings are on the third with Tuesday of the month at the church at 7:30pm. You are invited and encouraged to attend! There is a silent auction and door prizes at every meeting.

Next Board Meeting: Monday, June 10th, 7:00 p.m. at the shop is the next Board Meeting.

Show Meeting: Thurs. June 30th, 7 p.m. at the shop upstairs.



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Monthly Bulletin of the Mineral & 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.

2013 MGSCV Officers

Elected

President - Bonnie Andrade	President@mgscv.org	
Vice President - Mike Mc Bride	VP@mgscv.org	
Secretary - Sheryl Cooper	Secretary@mgscv.org	(510) 589-8858
Treasurer - Betty Milam	Treasurer@mgscv.org	
1 st Year Director - Michael Cox	Director1@mgscv.org	
2 nd Year Director - Jodi Minshall	Director2@mgscv.org	
3 rd Year Director - Norm Hodgson	Director3@mgscv.org	
Federation Director - Ron Hasemeyer	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	
Past President - Ron Miller	pastpresident@mgscv.org	

Appointed

Scholarship Chair - Mary Howell
Librarian - Mary Howell
Historian - Jamie McDonald
Purchasing Agent - Beth Farmer
Education Coordinator - Shirley Buschke
Field Trip Coordinator - Ron Hasemeyer
Parliamentarian - Doc Buschke
Reception/Hostess - Ann Vargas/Dan Gilson
Sunshine Reporter - All members
Door Prizes - Bonnie Andrade
Web Master - Tony Cooper

webmaster@MGSCV.org



Publication Staff



◇Contributors: Shirley Buschke, Jodi Minshall, Betty Milam, Sheryl Cooper, Mary Howell, Mike McBride

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Meeting Minutes

BOARD MEETING -May 13, 2013

Submitted By Sheryl Cooper

The meeting was called to order at 7:05 pm. In attendance were **Bonnie Andrade, Mike McBride, Sheryl Cooper, Betty Milam, Norm Hodgson, Jodi Minshall, Mike Cox, Beth Farmer, Cathy Miller and Diana Cohoon**

Treasurer: The April treasurer's report by **Betty Milam** was reviewed. **Beth Farmer** moved to accept the reports as presented. **Jodi Minshall** seconded the motion and it was carried unanimously.

Minutes: **Beth Farmer** moved to accept the April board minutes as printed in the Petrograph. **Mike Cox** seconded the motion and it was carried unanimously.

Shop: Thank you **Ed Rigor** for your donation of casting equipment, rubber molds, display cases and more. Thank you **Charlie Wittman** for the saw, rock and clear stands. Thank you for the collection of educational materials, rare specimens, petrified wood, crystals and more from a retired geologist. **Beth Farmer** proposes a formation of a special projects committee. This committee would head up and find people to complete special projects around the shop. **Jodi Minshall** moved to accept Beth's proposal. **Norm Hodgson** seconded the motion and it carried unanimously. One project will be to organize and label all of the items in the club's display cases upstairs. There was a discussion on how to handle the project. Maybe we could put in another self in one or

two of them. They need to be cleaned and repainted.

Show: The next show meeting is May 30th at the shop. **Cathy Miller** is not getting emails from dealers wanting to be in our show right now. She has found another geode source, El Paso Rock Shop. This gives her 3 or 4 suppliers to talk too. It would be cheaper to pick them up in Tucson then have them shipped.

Editor: The deadline for articles is the end of the month.

Membership: We have 144 current members.

New Business: **Betty Milam** is working on getting a waiver form for field trips. She will check with other clubs and see what they are using.

We are discussing changing the exhibit case lights to LED lights a few at a time.

Sunshine:

Nell Klas is doing well and volunteering at the hospital. **Dave Gordon** had another surgery. **Bev Ewing** is starting a new stage one trial this month.

John Gullak is faceting again. He is walking and can sit for awhile now.

Old Business: The Cab of the Month program will continue. It is off to a slow start but we feel it will pick up.

The meeting adjourned at 8:30 pm.

GENERAL MEETING May. 21st, 2013

Submitted by Sheryl Cooper

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Bonnie Andrade called the meeting to order at 7:45 pm. There were 23 members present and 4 guests.

Scholarships: Mary Howell introduced the 2013 scholarship winners, Joanne Chan and Oscar Merino, from California State University East Bay and presented them with their \$750 scholarships and membership cards. Joanne Chan is a graduate student in geo-physical research. She is studying the wind and surf's effects in the paleo layers in the Monterey Bay area right now. Oscar Merino is a under grad student that would like to get his masters in geo-physics. He is looking at quartz crystals in relationship to earthquakes.



Program: Groundwater Age and Water Quality by **Professor Jean Moran with CSU East BAY**

Jean Moran worked for Lawrence Livermore Lab for 12 years. She has been a professor at CSU for 6 years teaching Physical Geology, Hydrogeology, Oceanography, and Isotope Geo Chemistry. She studies the groundwater to see how fast it is moving and sampling it for quality. MTBE was added to gasoline so it burned cleaner, but it is leaking into the ground from the underground tanks at gas stations. The study the effects this is causing on the groundwater. They are sampling the municipal wells around the area. Nitrate is a form of nitrogen found in the soil which

crops need to flourish. They are comparing the nitrate levels in the water around dairy areas to the levels around orchards and fields. California moves a lot of water around and has many elevation changes to study. There are groundwater age-tracers to determine how long the water is in the sublevels. They look at the stable isotope composition to find out where the water came from. Tritium is very rare and decays to Helium. They are using this to calculate the age of the water.

Prof Moran was asked about the quality of bottled water and said that tap water is tested and regulated more than bottled water that is not regulated.

Minutes: **Mark Montgomery** moved to accept the April minutes as printed in the Petrograph. **Mike Cox** seconded the motion and it carried unanimously.

Shop: Thank you to **Annemarie Kochendorfer, Don Littman and Ed Rigor** for their donations to the club. Thank you **Mike Cox** and **Ken Panico**, for your work around the shop. The 36" saw is down for cleaning. There are several injection molds for you to use. A special project committee was formed and Norm Hodgson has agreed to head it up. He has some volunteers for the committee and will be looking for helpers. One project is to get rid of the wood upstairs. Another is updating the club's display cases upstairs. We would like to organize, catalog, label and arrange the items. Maggie Naylor will be organizing the painting of the tables downstairs.

Show: Things are moving along. We still need people to fill the positions of Security

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Manager, Skirting Manager, Food Service Manager, and Lighting Manager. **Cathy Miller** is planning on setting up 8 - 10 exhibit cases in Hall 4. The next show meeting will be May 30th at 7:00 at the shop. We discussed geode dealers and how to get the geodes to the show.

Librarian: It is maintaining itself just fine.

Membership: There are 149 current members.

Juniors: No juniors at the moment, but there are a lot of new adults on Monday night.

Education: Sign-up sheets are on the faceting room door. **Mike Cox** is has a faceting class on Wednesday nights.

Sunshine: **John Gullak** made it to the meeting. **Doc Buschke** had his pace maker replaced today and is doing well at home.

Nell Klas is looking good and volunteering at the hospital.

Announcements: **Norm Hodgson** is putting a club case together for the Alameda County Fair this year. He plans on including minerals, lapidary, facets, jewelry, and historical information.

Rocky Five is making our badges now. Look for the application in the Petrograph.

We celebrated 65 years with a cake that had rocks on it.

Cab of the Month: We had 4 cabs submitted this month. Congratulations to **Jodi Minshall** for her velvet obsidian from Mexico cab. She donated the winning cab to the auction case.



April Donations



April winner Mark Montgomery



May Winner Jodi Minshall

"Jodi Minshall won the cab of the month with her Mexican Velvet Obsidian cab. She stated that she wants to start a new club tradition by voluntarily donating the prize winning cab to the scholarship fund's auction case.

Drawings: For the \$100 member drawing went to **Diana Cohoon** who was present at the meeting.

Guest Tickets - **Brian Giberson, Oscar Merino, Joanne Chan and Jean Moran**

Attending Member Tickets - **Mike McBride** won the faceted stone donated by **John Gullak**. **Greg Ordonez, Betty Milam, George Kozakura, Stephen Caudill-Merida, Norm Hodgson, Diana Cohoon, Maya Caudill-Merida, Mike Cox, Jodi Minshall, Beth Farmer, Katrina Ordonez, John Gullak, Cheryl Gullak, Sheryl**

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Cooper, Bev Ewing, Cathy Miller, Mark Caudill and John Caudill

The meeting adjourned at 9:00 pm and the silent auction was closed at 9:15 pm.



ROCK RUMBLES Apr. 2013 By Shirley Buschke

Both **Ken Panico** and **Sub Nishimoto** have taken on an interesting project. They have decided to cut and polish a design based on the Maori (Australian) fish hook. Both were doing very well then it happens to all of us at some time. Nearing completion, the project was dropped and you know the rest. But they are both trying again. The curves are quite intricate and take lots of time and patience to complete.

Another retread has returned. It was good to see **Claude Hawkins** has returned to membership. Another member who hasn't been around for a time is **Jamie McDonald**. Her specialty is wire wrap. She said she is cutting back on her volunteer hours at Eden Hospital and will be here most Wednesday afternoons.

Pat Rigor has returned home and was the recipient of visitors when the Wednesday morning beaders decided to pay her a visit. Pat is doing fine, but we missed

her and husband Ed. Hope they can return soon.

Dave Gordon recently had surgery and we are hoping to see him soon. He is a Wednesday AM faceter. Also **Beth Farmer** had foot surgery but nothing holds her back. she is doing great.

Beth Farmer is sorting through another donation. This time you can get a great deal on plastic stands.

John Gullak was able to make it to the May meeting. I don't know if it was **Jodi Minshall** or **Diane Cohoon** who was the chauffeur. He still hopes to be back to teaching faceting soon. In the meantime, **Jim Ewing** has taken over and we hope **Dave Gordon** will also upon return.

GIA announced the record sale price of a purplish marquis diamond that went for 12.5 million dollars in Hong Kong. More in our price range is the comment that cameos are back in style.

ANNOUNCEMENTS

The Castro Valley High School Science Festival By: **Maggie Naylor**



This was the first year I have attended the Castro Valley High School Science Festival, always held the first Saturday in May. The festival was rather large with many buildings, hallways and classrooms

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filled with fun activities. They had the student's science fair projects set-up in the hallways, the community had their tables set up showing their interests in science and we were located next to a very exciting demonstration room. The festival was buzzing with many participants and interested families.

Betty Milam, Judith Hitchings and myself, had three full tables of ROCKS!!! **Judith** brought a big black slab of slate and had the kids/adults write on it with chalk. There was a nice pile of petrified turtle poop that got a lot of attention and shhhh don't tell anyone but we also had a jar of mercury on the table. I had no idea it was so heavy, my only experience with mercury is in thermometers. **Betty** had a nice example of what a rough rock turned into a beautiful pendant looks like. She also noticed the adults were just as interested as their kids.

I placed my chair in front of the table and sat by four tubs of end cuts that were placed face down. When the kids/adults walked by they would see just plain ol' ugly rocks, I would then invite them to turn them over to see what was underneath. Well I got to see first hand the excitement they felt when they discovered a large amethyst, or a picture jasper that reminds me of Lake Tahoe, or a geode full of tiny sparkling crystals, that I shined with a small led flashlight. They were so surprised how beautiful they were on the inside but so ordinary on the outside. The parents wanted to know where they came from, I would answer, Oregon, Modoc County,

California, oh the geode? At the Concord rock show.

The fair lasted from 10 - 2 and we were kept busy the whole time. I just loved sharing my passion for rocks with so many interested people. Betty and Judith really appreciated the help some of the club members gave in donating interesting rocks for displaying and for their advise before the festival. I kept hearing **Horace's** name at the end when **Judith** and **Betty** were packing up and sorting the rocks saying, this one is Horace's and this one and... At the very end while I was folding tables to put away, I felt arms around my legs, I turned around and it was a young lady hugging me and thanking me for showing her all the rocks. I know the three of us are looking forward to doing this again next year.

Below is the letter Betty received from the Chairman of the Science Festival:

Betty & Friends;

Thank you very much for participating at this year's Castro Valley Science Festival. We had a great event this year, and your collection of (many) local minerals was impressive and wide (which must have been painful to acquire).

Over the past few days I've had several parents exclaim that the Festival was exciting and fun for their kids. I believe that the quality of your collection and technical expertise inspire the inquisitive children that there's more to sciences than in their text books.

I invite you back for next year. Please plan for the first Saturday in May.

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Regards,

Mike Farbarik

2013 Science Festival Chairman

HAZARDS IN THE ROCK SHOP

By Shirley Buschke

Wherever there is machinery, there is a chance for accidents. Chemicals are also a safety concern and both are found in a lapidary shop.

To protect yourself (and others) wear those safety glasses and pay attention to what you are doing. In a rock shop carelessness can cause lots of problems besides the loss of your rock or stone. You can easily lose a finger or an eye, and flying rock chips can create a hazardous situation for any others who may be working near you.

Most stones have a heavy concentration of silicon and therefore breathing the silicon dust can cause permanent damage to delicate lung tissues and silicosis, a disease of the lung. Make sure you use water, or other appropriate lubricant, when grinding or polishing. The heating of some stones can release toxic fumes. Amber is a resin and is easily overheated. Some stones such as serpentine have asbestos in their makeup. Wear a mask as a precaution. Our shop forbids cutting abalone and other shells. Know the makeup of material you are working with and proceed with caution.

Alcohol and acetone are slightly toxic to the skin, and of course they are very flammable, so take care when handling your

alcohol burner. Nail polish remover contains acetone often used to clean up a wax. Our alcohol has some acetone in it as many of the ladies have found out.

Proper ventilation is important in working with the above materials. Respiratory masks are a good idea, and use lots of water when you are grinding and polishing your stones. Water flushes and cools your stone. Since even polishing can leave a residue of grit on the equipment that can easily scratch your stones, be sure to spray your sander, grinder, and polisher before you start work. Your predecessor may have left a mess.

Consider using ear plugs if you are working around noisy equipment for more than a couple of minutes. And be sure to wear appropriate garb. Clothing and hair can get caught in equipment, open toed shoes can leave you open to some bad bruises and possibly a broken bone. You should not wear long sleeved clothing when working around grinding wheels or saws, as the sleeves can get caught in the equipment and pull your hand or arm in to the spinning blade, wheel, or stone.

We are all here to have fun, and play with our rocks, not win a beauty contest as one of our members remarked. So don't worry about looking fashionable, worry about looking smart and being safe.

The Shop Needs Painting

After the last spring clean-up **Beth Farmer** and I noticed the work areas, cabinets and tables need to be painted again. So we need volunteers to help with

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this project. We are going to be doing this one work area at a time. My idea is for four (4) people to be assigned to a worktable or area. The first two will clear the area, prep and paint it. The second two will come in the next day or two and put it all back together again. We will have pictures of how it was set-up before so you will know how to put it back together again. Some areas will just need to be painted around the larger items.

So I would like volunteers to sign up with the following information:

1. Able to paint or put the work area back together again.
2. Able to work in the day or evening.
3. Contact phone number and email address.

Also if everyone could look in their garages for any leftover painting supplies you would like to donate, that would be helpful:

1. Paint brushes
2. Paint rollers
3. Painter's blue tape
4. Anything else you may think would be helpful.

Please contact me at

Marjorie@outlook.com to volunteer.

Thank you!!!



SHOW SCHEDULES

Glendora Gem & mineral Society

Glendora Ca

June 8th & 9^{th, 10}-5pm; Sun. 10-4pm

Goddard middle school

859 E. Sierra Madre

Bonnie Bidwell 626-963-4638\

Ybidwell2@aol.com

N. Orange County Gem & Mineral Society

La Habra , Ca

June 8th & 9th, 9-5pm daily

101 W. Habra Blvd.

Loretta Ogden 909-598-2456

donigden@aol.com

fbrlktr1@aol.com

nocgtgms.com

Rockatomics Gem & Mineral Society

Woodland Hills, Ca

June 14th -16th, 10-5pm daily

Pierce College Farm

20800 Victory Blvd.

William Rucker 818-428-7834

rockhound@rockatomics.com

www.Rockatomics.com

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Orange Belt Mineralogical Society

San Bernardino, Ca

June 28-30, 9am to dusk daily

Western Regional Little League Ball Park

6707 Little League Drive

Ken & Jessica Gard, 909-624-1782

kengard@roadrunner.com

<http://obmrocks.olasite.com/>

Culver City Rock & Mineral Society

Culver City, Ca

July 13th & 14th; Sat. 10-6pm; Sun. 10-5pm

4117 Overland Ave

Rick Shaffer 310-391-8429

info@culvercityrocks.org

www.culvercityrocks.org

Field Trips

Eldorado Co. M & G Society

Virgin Valley, Nevada

June 8th & 9th

Petrified wood, Opal, & Fossils, & plush

Oregon Sun Stones

Fred Ott 530-677-8440

Fred.ottb8t5@statefarm.com

Nevada Co. G & M Society

Austin, Nevada

June 8th & 9th

Fluorite & Snakeskin Agate

Dan Chaplin 530-271-7283

danc@ensembledesigns.com

Sacramento Mineral Society

Davis Creek, Ca

July 20-21st

Obsidian

Daniel & Kathy Morrow

danielsmorrow@yahoo.com

kathyseabreeze@yahoo.com

Mother Lode Mineral Society

Sonora Pass Hwy 108

Aug. 3rd.

Geology tour & collect petrified wood

Mary Watson 209-214-3547

Mistywatsonc21@hotmail.com

Cell Fri. & Sat. (reception poor)

209-408-3176



GEM OF THE MONTH

Submitted by Shirley Buschke

This month's gem is an engineer. He grew up as a military brat. His dad was a pilot and his mother was a homemaker. He completed his education as a mechanical engineer at Cal State University Los Angeles where he

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completed his master's degree. He found his way to the SF Bay area as a result of a job.

As a child he was intrigued by the pretty pebbles he found. When he came to the U.S. (yes he is an immigrant) he learned a lot more about those pretty pebbles and he was in the Sacramento area at the time. He said they have a small shop set up in a trailer there. Upon his arrival in the bay area he investigated the internet and found out about our club. He loves to find out what is inside rocks. He has cut many cabs since joining. If he hasn't given it to her yet ask to see the jade pendant he made for his girl friend, it is reddish jade. Right now he is busy faceting and enjoying it very much. He said his favorite stone is malachite. We decided it is the curves and swirls he likes. My comment is those engineers only go in straight lines.

I Couldn't give away too much information in the beginning, our gem is from Taiwan where he got his early education and his dad was a Chinese military pilot. He is here on Saturday morning and his name is **Simon Chen**

BRAD SMITH BENCH TIPS

EASIER PRONG SETTING

When setting stones in a prong mount, the tool is less likely to slip off the prong if you grind a groove into its face or rough up the face a bit with sandpaper. Some folks prefer a prong pusher for doing this, and others like a set of pliers. Easiest way to cut a slot on the pusher is with a file, and

the easiest way to create a slot on one jaw of your pliers is with a cutoff wheel and then do a rough polish with a knife-edge silicone wheel.



FANCY RIVET HEADS

For a nice looking rivet head, use brass escutcheon pins. You'll have perfectly rounded heads that are all the same size and shape. The pins are a little hard to find, so try the best hardware stores first. Be sure to get solid brass pins, not brass plated steel. If unsure, test them with a magnet.

The pins are readily available online. Lee Valley Tools has them in 14 - 18 gauge and lengths from 1/4 inch to 1 inch. Go to <http://www.LeeValley.com> and do an item search on "brass escutcheon pin"

For best results, select a drill that gives you a hole with a close fit to the rivet. Trim the rivet to a leave a little less than one diameter sticking out the back side. Place the head on a scrap of hard plastic on the anvil so as to not flatten the head. I prefer a ball peen hammer (with a small 3/8 inch ball) for setting the rivet.

More bench tips from Brad Smith can be seen at [facebook.com/Benchtips/](https://www.facebook.com/Benchtips/)

KIDS KORNER

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By: Elizabeth Bennette, 14 yrs old

The Legends of Gemstones

Even though most of us value gems because of their natural beauty, in many cultures, gems, such as opal, jade, and obsidian have a fascinating history which shows the more complex view that ancient people had of such stones.

According to Roman legend, the opal was said to be the most beautiful of all stones. Its outward brilliance was considered to be unique, a result of a combination of all other stones' beauty. Consequently, the Romans referred to the opal as the "rainbow stone." To them, the opal represented purity and was said to bring good luck to the bearer. The Roman Caesars had so much faith in the protective properties of the stone that they would give them to their wives for protection, and would rather give up their freedom before selling their precious opal. Not only was the opal supposed to be a source of good luck and protection, but it was thought to impart to its owner psychic abilities and invisibility. With all of these amazing powers, it is no wonder that the stones were sought after by everyone from emperors to common thieves.

Much like its European cousin, jade was thought to be a stone which would impart supernatural benefits to its bearer. By 200 B.C. jade was documented as being in use in most parts of Asia. Chinese emperors were often showered with jade-encrusted, ceremonial objects, like scepters and suits, because they were thought to promote immortality. In modern times, jade jewelry

is still given to children at birth to keep away bad luck. Jade is commonly referred to as the "live stone" because it will change color with time. This darkening of color comes from what the Chinese believe to be bad energy that is absorbed into the bracelet.

The most amazing myths of all the stones are associated with obsidian. Obsidian is said to "embody the energy of a volcano," granting its owner protect from all "magic" and "sorcery." This stone is said to protect one from infidelity, sharpen the mind, and enable the bearer to perceive lies. Aside from the protective qualities of this stone, obsidian is most well known for its healing properties, which is why it is popular in massage therapy. Today, mystical healers heat obsidian stones and then lay them on the back of the patient. The stones are said to draw out tension and promote detoxification.

While many of us at the Mineral and Gem Society use opal, jade, and obsidian in the jewelry that we create, few of us are aware of the long and fascinating history that these stones have. So, the next time that you pick up one of these beautiful rocks, take a minute to consider what lies behind that pretty face. You might be surprised.



Have a great summer

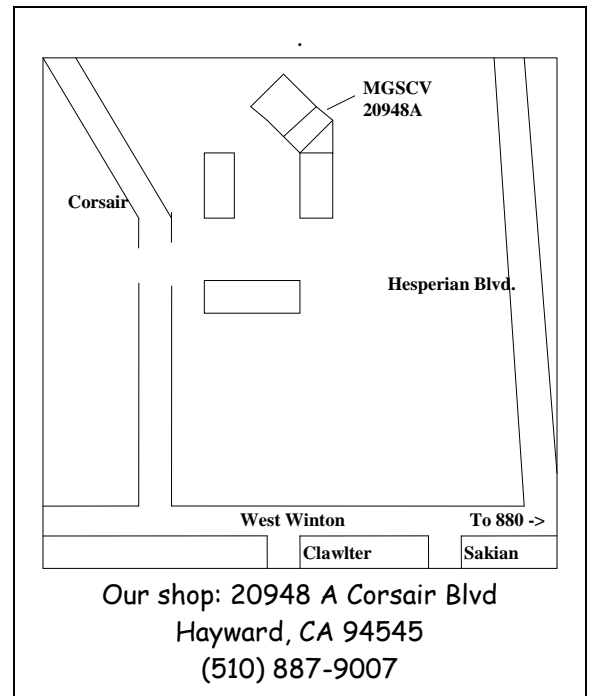
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Shop Schedule

(All shop session's members only)

MAP

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



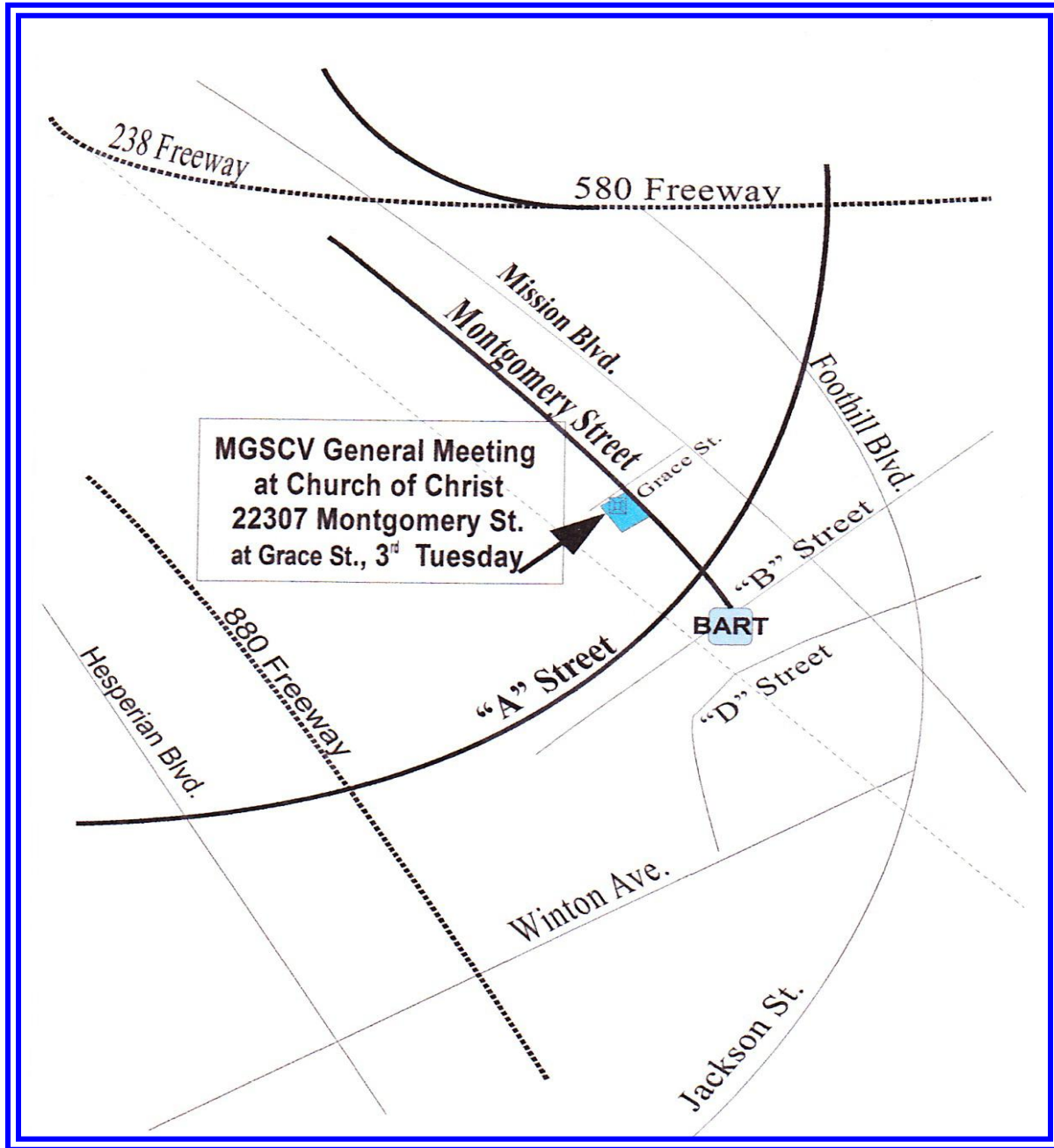
SHOP NOTICES:

The shop needs painting volunteers! See article under announcement by Maggie Naylor. Part of the privilege of using the shop, is to keep it clean and painted and need some new members to get involved!!!!

Website: www.mgscv.org
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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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 mailed to you 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): (check all that apply) new membership renewal membership

Single - \$35 Couple - \$60 Junior (11-17 with adult) - \$1 Junior (11-17 without adult) - \$5

Associate - \$17.50 (former member living more than 100 miles away) Lifetime (voted in by the board)

After July 1st all new membership dues are half (½)

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 address printed in the roster at the shop.

I do not want my phone number printed in the roster at the shop.

I do not want my email address 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: _____

APPLICATION FOR OUR CLUB BADGE PURCHASE

The badges will be Blue background with gold lettering. They are 2x3". Please include your name (as it will appear on the badge), address, contact numbers and enclose a check in the amount of \$8.64 Make the checks payable to Rocky Five, and mail it to Rocky Five 5705 Begonia Dr. San Jose, Ca 95124-6535 email: rockyfiv@aol.com We encourage all members to wear their badges at our show, and when you visit other shows, to show our support of their club.

Name _____

Address _____

Phone Number _____

Email _____

Amount Enclosed _____

Number of Badges _____

Signature _____