

Club Notes



General Meeting: Tuesday April 17th, 7:30 P.M.
at Church of Christ, 22307 Montgomery Ave.,
Hayward, 94541

Program: Rick Kennedy will speak about the Blue
Aquamarine mine in southern Calif, in which he is a
principal. He will have specimens and pictures for
us to enjoy.

April Refreshments: Members with a last name
starting with **M-O** please bring snacks.

New Members: Unless otherwise stated, *General*
Meetings are on the third 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, April 9th, 7:00 p.m. at the shop is the
next Board Meeting.



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MGSCV Petrograph - April 2012
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.

2012 MGSCV Officers

Elected

President - Ron Miller	President@mgscv.org	
Vice President - Jim Ewing	VP@mgscv.org	
Secretary - Sheryl Cooper	Secretary@mgscv.org	(510) 589-8858
Treasurer - Betty Milam	Treasurer@mgscv.org	
1 st Year Director - Mike McBride	Director1@mgscv.org	
2 nd Year Director - Norm Hodgson	Director2@mgscv.org	
3 rd Year Director - Mary Jane Holmes	Director3@mgscv.org	
Federation Director - Ron Hasemeyer	Federation@mgscv.org	
Shop Manager - Beth Farmer	ShopManager@mgscv.org	
2012 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 - Bonnie Andrade	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

Meeting Minutes

BOARD MEETING - March 12th, 2012 Submitted by Sheryl Cooper

Sheryl Cooper called the meeting to order at 7:10 pm. In attendance were Betty Milam, Sheryl Cooper, Bonnie Andrade, Mike McBride, Cathy Miller, Diana Cohoon, and Beth Farmer.

Minutes: Beth Farmer moved to accept the February board minutes as printed in the Petrograph. Diana Cohoon seconded the motion and it was carried unanimously.

Treasurer: We reviewed the February treasurer's report from Betty Milam. Diana Cohoon moved to accept the report. Bonnie Andrade seconded the motion and it was carried unanimously.

Shop: Beth Farmer says we received a donation of books from a former dealer. It is a good collection of how to books. The donated saw has been sold for \$800.

Show: Cathy Miller says the show was a great success. We had a lot of good workers. The show was packed up in record time with the container being locked at 9:00pm. There will be no finding anything in the container this year because it was packed floor to ceiling. There were reports of people asking where the demo room was. The preliminary income figure is \$14,740 from the door, raffle and auction. A $\frac{1}{4}$ sheet flyer was printed for the show next year and displayed at the Turlock Show. She suggested putting labels on the unused postcards from this years show to advertise for next years show. The show

recap meeting was changed to Thursday, March 29th at 7:00pm at the shop.

Editor: Diana Cohoon is looking for Thank you notes for the show to put in the Petrograph. The raffle brought in \$1539. We discussed using some of the clubs gold grain for the raffle item next year.

Membership: We now have 137 members with 5 brand new members from the show.

Announcements: Mark Isaacs is looking for a missing UV light from the fluorescent room.

Shop clean up day will be April 28th and the shop open house will be April 29th.

New Business: The Castro Valley Science Festival is asking if we will have a table this year. It is on May 5th at the Castro Valley High School. We need people to answer questions and items to display. The board has no objections. Betty Milam is willing to work at the table but she needs help.

The meeting adjourned at 7:50 pm.

GENERAL MEETING -MARCH 20TH, 2012 Submitted by Sheryl Cooper

Ron Miller called the meeting to order at 7:35 pm. We had 17 members and 7 guests present.

John and his grandson **Steven** came tonight. Steven got interested during a geology class.

Cesar and son **Christopher** along with mom and two brothers (**Michael and Angelo**) came tonight also. Christopher is interested in minerals.

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Minutes: Mark Montgomery moved to accept the January minutes as printed in the Petrograph. Mary Jane Holmes seconded the motion and it carried unanimously.

Program: Rainbow Secrets of the Crystals by "Crystal Bill" Kaunitz

Many quartz crystals have a rainbows inside them due to white light bouncing off of gaps or fissures in the crystals. The Living Rainbow Crystals from Brazil have fluid inclusions or small gaps with water, air or crude oil inside them. These fluids create the rainbows we see. When they are heated the liquid expands changing the rainbow and forming a feathery pattern sometimes. As it cools the liquid contracts the rainbows. You can control the transformation rate by controlling the temperature. The rainbow colors are also affected by the color of the quartz. He has found clear, citrine and amethyst quartz crystals with fluid inclusions. There were beautiful pictures and movies of the transformations. Some of them were slowed way down to see all of the detail. For more information check out <http://elegantcrystals.com/Rainbow-Script.html>

Shop: The yearly fire inspection will be happening next week. Shop clean up is Saturday, April 28th and the Open House is Sunday, April 29th.

Editor: Diana Cohoon reports she is getting really nice articles for the Petrograph. Keep them coming.

Library: Mary Howell says the library is doing fine.

Membership: Tony Cooper reports we have 144 current members and 5 new members from the show.

Juniors: Mark Montgomery says we have a junior with us tonight.

Field Trips: They are listed in the binder by the front door at the shop and Diana is getting them in the Petrograph.

Education: Diana Cohoon says the opal class with Ed Rigor is filled. They are trying to set up another class.

Show: Cathy Miller says the show is over. We had a great crew and workers this year. It was a record tear down and pack up. Everything was done by 9:00pm Sunday night. The show wrap up meeting is Thursday, March 29th at 7:00pm at the shop. Betty is still working on the final figures. One of our dealers sent out 400 postcards inviting them to the show. We collected 35 of them at the door. We pay around \$1700 a month for rent and utilities. So a successful show means we can keep the doors open. Cathy wants to look into having a geode cutter at the next show. You pick out and purchase a geode, then have it cut open and take it home.

Announcements:

Saturday, May 5th is the 4th annual Castro Valley Science Festival at the high school from 10am - 3pm. It is a free event geared for students from grades K-12. They would like the society to display and talk with people at the festival. Betty Milam is willing to work if she gets some help and items for the kids to handle.

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September 8th & 9th is the 40th annual Castro Valley Fall Festival near the new library on Norbridge from 10am - 6pm both days. It would cost us \$310 as a non-profit to get a 10x10 space to present what the club does and hand out information. They get around 11,000 people over the two days. The board will discuss the fee at the next board meeting.

Drawings: The name pulled for \$100 member drawing was Tatiana Brif, but she was not present to collect the money.

Guest Tickets - **Michael, Christopher and Angelo**

Attending Member Tickets - Katrina Ordonez, Mary Howell, Mark Montgomery, Jim Ewing, Peggy Cooper, Chrissy Cody, Greg Ordonez, Sheryl Cooper, George Kozakura, Diana Cohoon, Cathy Miller, Betty Milam and Linda Davenport

The meeting adjourned at 8:45 pm.

ANNOUNCEMENTS

Hello Folks!

Glad we have the 2012 Show behind us and spring is near!

The shop is a little ragged and needs extra attention before our "Annual Open House".

It seems that we have been getting into the habit of performing the minimum amount of cleanup after using equipment. Just emptying the Genie trays or checking that you haven't left anything on the work table doesn't really qualify as "cleanup".

The floors are a mess, have you ever dropped something on the floor and tried to find it? Saws aren't cleared of rock debris, sawdust is left after someone cuts a piece of wood for rock support, the flat lap area is a mess. Who do you think empties the buckets underneath? Who vacuums the carpets?

The only self regulating areas that I see right now are the faceting room and the sphere machines. Since Willey has left us, no equipment painting has been done. I could but I won't. Anyway, there are 3 ways to address these poor cleanup situations. The first is to have 3 or 4 shop cleanup days a year, the second is to return to the old practice in stopping all work the last 15 minutes the shop is open, and everyone does a thorough cleanup of the entire shop, the third is for each Shop Supervisor to be assigned an area of the shop to assure it is cleaned during each week.

Beth Farmer, shop Supervisor



ROCK RUMBLES April 2012

By Shirley Buschke

Don't forget it is clean up time at the shop on Saturday April 28 and Open House on the 29th, this is when we show off. Beth (shop boss) has made some good suggestions on cleaning as we go. Many clubs have a fee for the use of the shop. We are lucky. Our club started with fees

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but has been fortunate in making money at the show to keep the shop open. If that fails, we will need fees. On **Sunday April 29** we have pot luck. Check the bulletin board for hours--probably 10-2. We will have a swap meet which means you can swap things with members. Mark Montgomery has been cutting up a large piece of jade. This jade will be available for purchase, one to a member, while it lasts. Probably in the neighborhood of \$25, if it hasn't sold by 2 PM, a member may buy a second piece. This jade sale is restricted to paid up members.

Also available to members are items from the **Leo Gautier estate**. He was a meticulous artisan. Included are: 1 trim saw, small flat lap (14 inches). 1 non-polished set of book ends of crazy lace agate, 1 two inch unfinished alabaster spheres, 2-2inch unfinished alabaster spheres, 1 six inch finished marble sphere, make an offer.

Wednesdays at the shop are much like they were at the old place. We have really had a full house, so nice to see everybody working so hard. Now clean up the place just as hard. **Carlos Castillio** is making the trek over from Redwood City on Wednesday and working on faceting. **Horace Robertson** is working on his sundial. He said **Naomi Morgan** can't believe he really is doing it. Naomi is our intarsia instructor and she comes most Thursday mornings. If Naomi isn't here, Carlos or Horace can help you.

Our store has lots of items you may buy or donate to. We buy epoxy and share the cost with members. We do the same with mold material. We also have single sheets of wax and links of wax wire. We have some thread for beading, some catches for the beader, cords for bolas, protective masks, magnifiers, etc. Why not take a good look and buy here.

Dr. Mark Isaac has an article on fluorescent minerals in the April Rock and Gem.

We had another successful opal class. Ed rigor sure knows how to help you get the best out of your stone. Ed and his family are off to Hawaii. Ed spent his childhood there and was there during Pearl Harbor. Pat will be with him as well as granddaughter **Sally** and daughter **Kathy Rooney**. Pat says they may move a little slowly, but they intend to have a good time.

SHOW SCHEDULES

Paradise Gem & Mineral Society

April 7th & 8th Sat. 9-5pm, Sun.9-4pm

Elks Lodge 6309 Clark Rd.

Manuel Garcia 530-877-7324

www.ParadiseGem.org

Mariposa Gem and Mineral Club

Mariposa, Ca

April 14th & 15th

Sat. 10-6pm; Sun.10-4pm

Mariposa County Fairgrounds

5005 Fairgrounds Road

Randy Bolt or Chel Bebemes 209-742-7625

Santa Clara Valley Gem & Mineral Society

San Jose, Ca

April 20, 21, & 22nd Fri. 9-5pm, Sat & Sun.
10-5pm

Santa Clara County Fairgrounds

344 Tully Rd., San Jose

408-265-1422

info@scvms.org

Santa Cruz Mineral & Gem Society

April & 28th & 29th 10-5pm daily

Santa Cruz Civic Auditorium

307 Church St. (corner of Church & Center)

Dean Welder 408-353-2675

www.scmgs.org

Reno Gem & Mineral Society

May 12th & 13th Sat. 10-5pm, Sun. 10-4pm

Reno Livestock Events Center

1350 North Wells Avenue

John Peterson 775-849-1522

www.renorockhounds.com

Fossils for fun society

Jackson, Ca.

May 12th & 13th, 9-5pm daily

Kennedy Gold Mine

12954 Kennedy Mine Rd.

Debbie Bunn 916-929-6665

fossilsforfun@hotmail.com

www.fossilsforfun.org

CFMS Field Trip

April 5th through April 8th

Topaz Mt. and Dugway Geode Beds,
Northwest Utah

Info: www.cfmsinc.org.

Upcoming CO-OP Member California Shows
and Other Field Trips

CO-OP website also has information at
www.ourfieldtrips.org. All non-CFMS
members must have proof of personal
liability insurance (renters or homeowners
policy). These trips are open to all
rockhounds who agree to abide by the
AFMS Code of Ethics, the directions of the
field trip leader and practice safe
rockhounding.

May 5-6

Spring Royston Turquoise Fee Dig - for
turquoise.

This is a fee dig, not sponsored by a
CFMS Society, rather coordinated by
Duncan

Penman, (408) 203-6056,
dwpmail2@yahoo.com

May 19, 20

Silver Springs & Yerington areas, NV for
agate, jasper, Verdi antique, copper
minerals, selenite crystals. Nevada Co. G &
M Society, Vicki Black and Terry Bartels.

May 25-28

Buchanan Thunderegg Fee Dig. Bend OR
area. Please ask for the detailed writeup
from your field trip leader or go to
http://orerockon.com/ore_rock.htm - scroll

down to the link at bottom of page, under
Gem & Mineral Clubs

May 27

Spider Mine for rhodonite. (fee dig) (West of Red Bluff, CA) SFG&MS, Barb Matz

April 5-8

Topaz Mt. & Dugway Geode Beds, Delta, UT for topaz, red beryl, hematite crystals and geodes.

CFMS Field Trips North, Jim Barton.

June 9 - ?

Virgin Valley, NV for opal. (Total dates to be determined) El Dorado M & G Society, Fred Ott

June 16

Malakoff Diggins SHP for a guided tour, gold panning. Roseville Rock Rollers, CO-OP, CFMS North, Gordon Standlee and Jim Barton.

June 23

Monitor Pass for crystals in rhyolite. Calaveras G & M Society, Bob Young. (Alt. date, July 7, 2012.)

Aug. 4, 5

Monitor Valley, Pete's Summit near Austin, NV for fossils. Fossils for Fun Society, Vicki Black and Terry Bartels.



WHAT IS AN AGATE?

Agates are semi-precious gemstones that are a variegated form of chalcedony (pronounced kal-sed'-nee), which is silicon dioxide in the form of microscopic fibrous quartz crystals. Agates naturally develop when an empty pocket inside a host rock fills in molecule-by-molecule, layer-by-layer as these microcrystals self organize to form concentric bands or other patterns. The colors and arrangement of the microcrystals are influenced by changes in pressure, temperature, and mineral content that occur during the formation process. Unlike other gemstones, each agate is unique. Even slabs cut from the same specimen will vary in color and design.

HOW DO AGATES FORM?

Agates develop as secondary deposits in hollow cavities, called vesicles. Although they can form in all types of host rock, most of the world's agates developed in ancient volcanic lava. When the continents were first forming, layers of molten lava pushed toward the earth's surface through rift zone cracks, volcanoes, and other geologic events. Within the lava, there were pockets of trapped gases. Later, these gases escaped through cracks that formed as the igneous rock cooled and hardened, leaving hollow cavities. Other cracks and seams also formed when adjoining sections of lava cooled at different rates.

These empty cavities and seams filled with fluids rich in dissolved and suspended quartz molecules (silica), as well as other mineral impurities. When the silica concentration became supersaturated, it

developed a gelatin-like consistency either throughout the pocket or in a layer that served as the active crystallization front. Over time, the silica molecules began to form miniature fibrous microcrystals that attached to the sides of the cavity or seam. During the filling-in process other mineral impurities collected at the inside of the chalcedony silica band, forming intervening and often contrasting bands. This pattern repeated until the entire vesicle was filled in, or until all the silica rich solution was used up. If there was the proper balance of silica and mineral impurities, then the entire cavity filled with alternating bands. If there was an insufficient quantity of mineral impurity or if the pressures and temperatures changed, the cavity completed filling in with macrocrystalline quartz, or another form of silica.



A selection of Chalcedony Agates

AGATE CHARACTERISTICS

Physical Properties

Composition: SiO₂

Hardness: 6.5 to 7

Specific Gravity: 2.4 to 2.7

Refractive Index: 1.530-1.540

Fracture: Conchoidal

Crystal Form: Cryptocrystalline

Color: Varies including gray, blue, yellow, brown, black, white, and green.

Translucency: Varies from extremely translucent to opaque

Streak: White

Formation Temp: 122 to 572 F (50 to 300 C)

Tests: Insoluble, unless placed in hydrofluoric acid

Luster: Waxy

Porous: Yes

Melting Point: 1,600 °C (2,912 °F)

Types of Agate

There are thousands of named agates found in nearly all countries of the world. Sometimes agates are named because of their formation type, such as a fortification agate. In other cases, they are named after the location in which they are found, such as Brazilian Agate. Sometimes, it is a combination such as a Brazilian Fortification Agate. Below are a few examples.

Fortification Agate

This is the most common and distinctive type of agate. In these agates, bands crystallized into concentric layers that more or less follow the shape of the cavity. The banding resembles an aerial view of a fort.

Water-Line Agate (also called water-level agate or onyx)

During its formation, silica-rich solution either entered the cavity slowly laying one band at a time, excess water drained out leaving a small amount of silica to settle out into separate bands, or the vesicle filled

under low pressure. In any case, the silica crystallization in water-level agates is controlled by gravity in one orientation, forming a stack up of parallel bands.



Shadow Agate

Some agates exhibit a shadow effect in which there is what appears to be movement across the agate layers when the specimen is rocked back and forth (or your orientation to the specimen moves). This optical effect only occurs when there are alternating translucent and opaque bands. It is caused when light goes into the agate, but is not reflected out.



Tube Agate

Tube Agate During the formation of some agates, parallel projections of tiny hair-thin mineral rods grow first within the silica gel, around which later the chalcedony agate micro-crystals form. In some cases the inclusions remain, but sometimes they weather away leaving hollow tubes that subsequently fill in with silica.



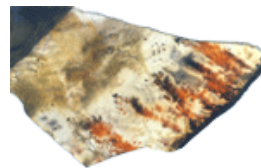
Eye Agates

This characteristic is believed to be formed when most of the silica gel drains from the cavity, leaving a small droplet that "beads up" on the inside wall of the cavity. This droplet crystallizes into solid chalcedony "eyes". In some cases, crystal growth will continue from this droplet in a manner similar to the formation of stalactites in caves. Later, the pocket fills in with the usual deposition of chalcedony microcrystals.



Plume Agate

These agates initially had formations on their outside layer that formed prior to the deposition of chalcedony bands. They are filament growths of mineral inclusions that resemble ferns or feathers.



Geode Agate

Geode Agate In some cases the supply of silica-rich water runs out before the entire cavity fills in. When there is a hollow center within a crystalline outer fill, the specimen is considered a geode. Not all geodes have agate banding, but many do. Also, the inner layers can form into several different types

of silica mineral crystals and may even have other types of mineral crystals.



Moss Agate

Moss Agate Moss agates have clusters of mineral inclusions that resemble plants, trees, or landscapes. Most moss agate inclusions are comprised of iron or manganese oxide. In some cases, the inclusions inhibit chalcedony banding allowing the mineral clusters free reign to grow within the silica gel.

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Karen Brzys: www.agatelady.blogspot.com

Gitche Gume Museum. E21739 Brazel Street Grand Marais, Michigan 49839

<http://www.agatelady.com>

DOC'S STORE

The place is referred to as Doc's store but it really was the genius of Joe Hammond. Joe noted the club was receiving donations from members and estates and the request was "use for the value of the club." Joe and several others decided that rather than put everything out for grabs, the material might just as well bring in some monetary return. since the club did not want to bother with a business license or sales tax,, it was decided the donations

needed a donation, so you will find many interesting lapidary supplies in the case.

Later someone decided that buying in bulk and dividing the cost for members would help all concerned. Buy bulk, this meant buying 5 or 6 of something at retail. that is why you can find epoxy and fine pens in the case. Our supplies also include some things members might need "one of". For example, you need a slice of wax and because of demand, Doc bought a package and we divvy up the cost. Beth Farmer, our shop boss, has been able to get some bargains. For instance, faceters need a magnifier. By buying six, Beth brought the cost down. Since we can't afford to have too much money tied up in supplies, our choices are limited to need and use. But look around. We have beading thread, belt buckles, bola cord (donations). We also have waxes (donations.) and some drills (donations, too).

The store is open on most Wednesdays and Saturdays from 9-12. Beth also has a key and in an emergency can serve you.



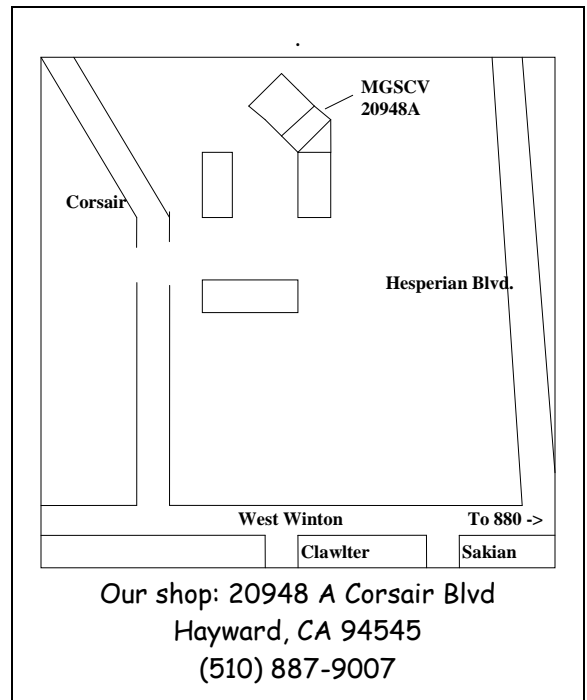
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Shop Schedule (All shop sessions members only)

- Monday** 10AM to 1PM, Lapidary
6PM to 9PM, Beginners only
in lapidary, Faceting (no beginners)
- Tuesday** 9:30AM to 12:30PM, need daytime supervisor
6PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary, beading,
Faceting, Library open 10AM to noon.
6PM to 9PM, Lapidary
- Thursday** 10:00AM to 1:00PM, Lapidary
5PM to 9PM, Lapidary, faceting (no beginners)
- Friday** Need Daytime and Night Supervisors!
Temporarily closed
- Saturday** 9AM to 3PM, Faceting Class 9-12, Juniors,
Adults w/supervisor's approval
Library open 10AM to noon.
- Sunday** 9:30AM to 12:30PM, Lapidary

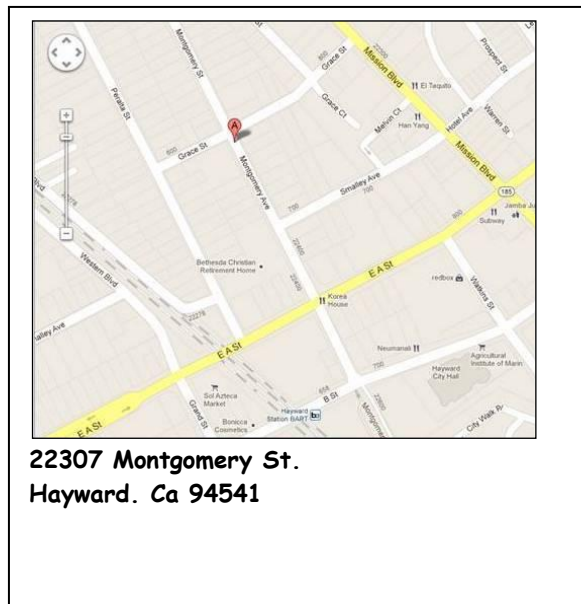
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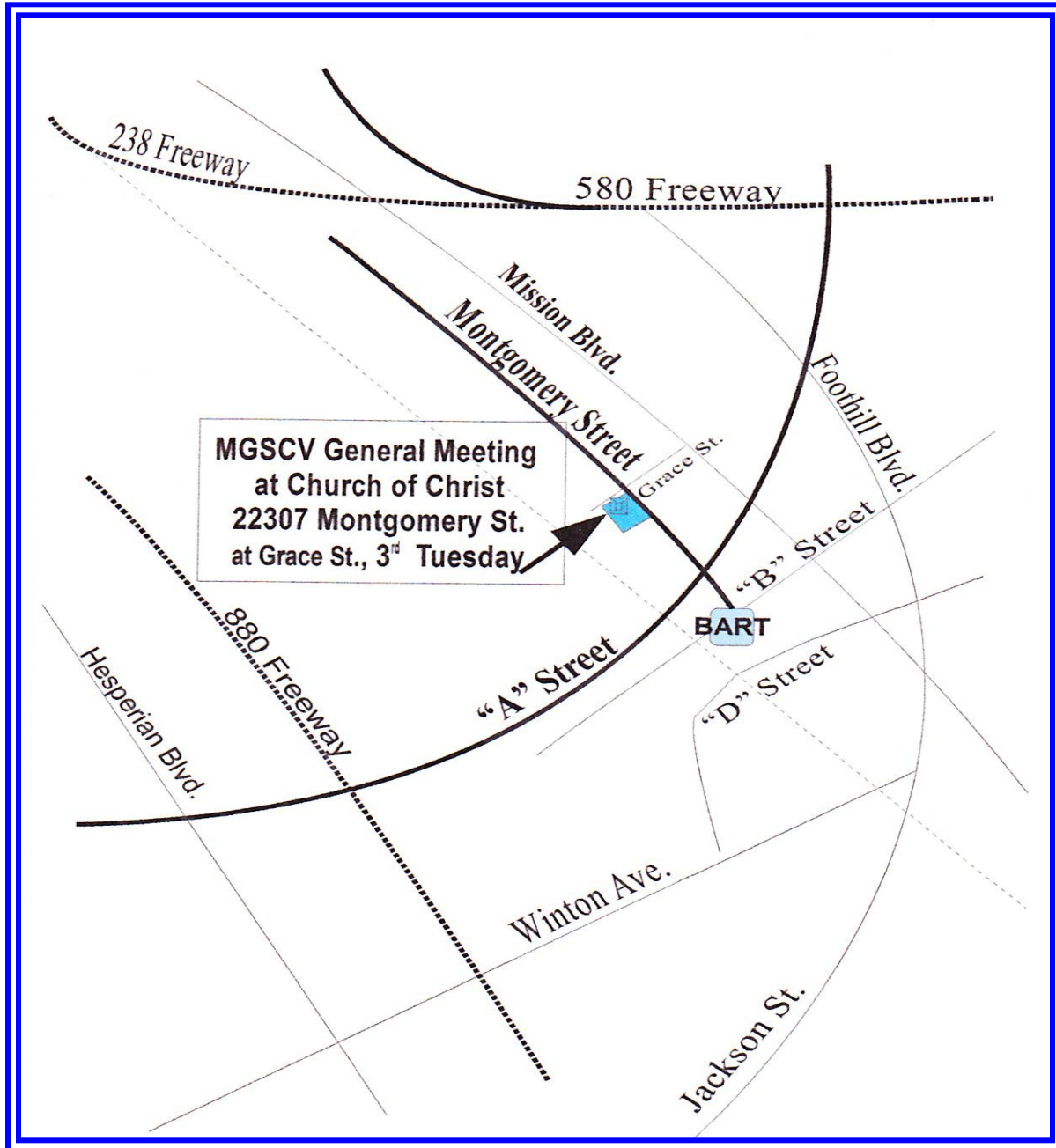
SHOP NOTICES:

There are only a few people who are authorized to invest in the casting room. If You are interested in learning how to invest, Contact **Jim Ewing**, or **Diana Cohoon**

Website: www.mgscv.org
Email us at info@mgscv.org



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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.

THANK YOU VOLUNTEERS

Thank You!!! ~ to everyone who helped us have a successful show! We had great groups of volunteers!, working on preparation, loading, set-up, show days, take-down, and pack-up ~ and already beginning on next year's show! Many took initiative to work on what they saw needed to be done. Even though we were lacking a few coordinators/chairpeople, many stepped up to fill in gaps and to put in long days and weeks ~ and, some of these are not members! Even the dealers must have felt the energy of those working take-down, that we were all finished and packed, ready to leave Sunday at 9pm!!! I've heard many comments of the fun times we had, even working those long days. Join us in planning for next year's show ~ next Show Planning Meeting, Thursday, Sept.6, 7pm at the shop. The more volunteers who do work, the easier each person's job will be. Consider taking on a chairperson/coordinator position ~ no special skills required, other than a willingness to work. Thank you, again, for all the hard work!

Cathy Miller ~ show coordinator/chairperson

thank you, Sheryl Cooper, co-chair/communications

MGSCV Annual Show 2012 Volunteers ~ {117 signed-in}

Angel Alcantar*	Peggy Cooper	Norm Hodgson	Chuck Meyer
Lyle Allen	Sheryl Cooper	Mary Jane Holmes	Betty Milam
Victor Arca	Linda Davenport	Mary Howell	Beth Miller*
Pam Ausmus	Tom Debley	Alberta Irwin	Cathy Miller
Bethany Bender*	Jamie Despain	Mark Issacs	David Miller*
Elizabeth Bennette	Jane Dickey	Karen Jacobson	Ron Miller
Michelle Bennette	Joshua Dickey	Gladys Janer	Stefanie Miller
Annikka Blattel	Jim Ewing	Bill Jeans	Tim Mincey
Austin Bradford	Beth Farmer	George Kozakura	Georgia Minshall
Marie Brown	Rita Frazier	James Kennedy	Jody Minshall
Greg Burg	Rob Fredrickson	Paul Kenny	Cheryl Morgan
Doc Buschke	Dick Friesen*	Laurence Keyte	Naomi Morgan
Shirley Buschke	Barbara Grenitin	Susan Klas	Scott Morgan
Janine Carlson	Terry Goesch	Nell Klas	Mark Montgomery
Carlos Castillo	Dave Gordon	Pavel Kozyrev	Sub Nishimoto
Diana Cohoon	Phil Gross	Sally Lacy	Maggie Nylor
Christine Cody	Cheryl Gullak	Lisa Lafferty	Greg Ordonez
Anthony Cooper	John Gullak	Richard Leathers	Juan Palacios*
Kevon Cooper	Suzanne Gutterriez	Bill Luna	Ken Panico
Krystal Cooper	Ron Hassemeyer	Lisette McBride*	Cathy Paonessa
Peggy Cooper	Art Hensen	M.T. Mc Bride	Darlene Pasquini
Sheryl Cooper	Don Hertzfeldt	Jamie Mc Donald	Vic Pasquini
Linda Davenport	Judith Hitchings	Steve Menchen	William Paulisich

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Chris Pavel- Ligon
Gerry Perko
Larry Pytlik
Heike Quinn
Anita Raju
Connie Rems
Gumesindo Rivera*
Horace Robertson
Andrea Rodriguez
Lyle Schoeff
Ephraim Schoenfeld
John Snyder
Gary Taniguchi
Teresa Taniguchi
Jennifer Tice
Mike Tice
Viki Tran
Tony Waiss
Jim Walker
Karen Wertenberg
Ron Wertenberg
Bill West
Pat Vuckman

All of those with an asterisk next to their name were not members at the time of the show.

