



Club Notes



General Meeting: Tuesday February 21st, 7:30 P.M. at Church of Christ, 22307 Montgomery Ave., Hayward, 94541

Program: Guest: Rick Kennedy; Benitoite

February Refreshments: Members with a last name starting with E-H 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, February 13th, 7:00 p.m. at the shop is the next Board Meeting.

Show Meeting: February 2nd, 7:00 pm at the shop

MGSCV Annual Rock and Gem Show: March 2, 3, and 4, 2012

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MGSCV Petrograph - February 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	
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, Mike McBride

Meeting Minutes

BOARD MEETING -Jan. 9th, 2012 Submitted by Sheryl Cooper

Ron Miller called the meeting to order at 7:05 pm. In attendance were Ron Miller, Betty Milam, Sheryl Cooper, Bonnie Andrade, Mike McBride, Cathy Miller, Norm Hodgson, Diana Cohoon, Beth Farmer, and Mary Jane Holmes.

Minutes: Beth Farmer moved to accept the November and December board minutes as printed in the Petrograph. Norm Hodgson seconded the motion and it was carried unanimously.

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

Shop: Beth Farmer reported that the 24" saw was giving us problems. It turned out to be the wood on the clamp was the problem. Thank you **Ken Panico**, for finding the problem and fixing it. Thank you **Lawrence** and **Robert** for cleaning out the 14" saw. Thank you **Annemarie Kochendorfer**, for the huge donation of rough rock and slabs. The mast on each faceting machine will be refurbished one at a time. Don't forget your **\$5 locker fees are due for 2012**.

Show: Cathy Miller reports the committees are all going well and getting their jobs done. The kitchen training will be in February. It was decided to include the floor plan for the demo room and then we can file all the plans with the city. Terry

Goesch has volunteered to recover any risers the members want to use in the show exhibit cases. **Jerry Perko** is looking for items to put in the club exhibit case. The thank you items from prior years will be sold in the snack bar. We are discussing the Thursday night dinner for dealers and setup crew.

Editor: Diana Cohoon is learning the ropes and would like the articles for the Petrograph by the 20th.

Membership: We ended the year with 176 members. So far we have 10 renewals and 2 new members for 2012. **Old Business:** Mike McBride contacted Mr. Peterson and everything has been sold. The meeting adjourned at 7:40 pm.

GENERAL MEETING -JAN.17TH, 2012 Submitted by Sheryl Cooper

Ron Miller called the meeting to order at 7:45 pm. We had 26 members and 3 guests present.

Ron welcomed everyone to the new meeting site and apologized for starting a little late. We wanted to give everyone a little extra time to find the Church and the meeting room. Thank you **Cathy Miller, Jim Ewing** and **Sheryl Cooper** for doing all of the leg work and finding this place and getting everything arranged.

There were several new faces at the meeting and 3 new members. **Steve** and **Karen Menchen** - He has been a rock hound his whole life. They recently went to Utah

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for more rocks. **Rich Bay** has been kicking around rocks for years. He has gotten more and more interested in cutting and working with the rock.

Minutes: Shirley Buschke moved to accept the December minutes as printed in the Petrograph. Mark Montgomery seconded the motion and it carried unanimously.

Installation of Officers: The 2012 Board of Officers were announced and stood up in front.

President - Ron Miller
Past President - Bonnie Andrade
Vice President - Jim Ewing
Secretary - Sheryl Cooper
Treasurer - Betty Milam
First Year Director - Mary Jane Holmes
Second Year Director - Mike McBride
Third Year Director - Norm Hodgson
Federation Director - Ron Hasemeyer
Editor - Diana Cohoon
Membership Chair - Tony Cooper
Shop Manager - Beth Farmer
Show Chair - Cathy Miller

Program: DVD "The Universe, It Fell From Space"

In 2008 asteroid TC3 was spotted heading for Earth. They calculated the impact site to be the Nubian Desert in Northern Sudan. It exploded above the desert and there were no reports of injury or damage. A search recovered 280 fragments, totaling 11 pounds, for further study. It is called an asteroid while it is in space, a meteor when it hits the atmosphere and meteorite when it hits the

ground. There are 170 impact craters still visible on the Earth today. Several experiments were discussed about various craters and how they came to be, along with possible events caused by them. Arizona State University has the largest collection of meteorites. In 2007 there was an impact near Caracas, Peru close to the Bolivian border. This crater is 15 feet deep and about 15 yards wide. As space debris falls back to Earth it is study to see what materials survive space and which ones do not.

Sorry, Rick Kennedy couldn't make it tonight. We are talking to him about a future meeting.

Shop: Beth Farmer is in the process of rebuilding all of the faceting machines one at a time. All of the saws are operational except one trim saw. We still have a lot of rock donated by Annemarie Kochendorfer.

Show: Cathy Miller reports the committees can always use more help. We are ordering some magnetic signs to put on cars to advertise the show. Eloise Rudiger is under the weather so we need a spinning wheel coordinator. We have moved the spinning wheels to between the little buildings. This will help with the winds this year. If the weather gets bad the spinning wheels will be shut down. Our exhibits coordinator, Norm Hodgson, had a stroke last week. His wife Chloe will help out some before the show. Jerry Perko will coordinate at the show during setup of the exhibits. Paul Kenny will be holding a kitchen workshop for the key kitchen workers in February. NO home baked goods can be sold at the show.

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You cannot bring any food to cook in the kitchen either. We need donations of store bought only goods or you can donate money. A can will be set up in the kitchen. Diana Cohoon has the tickets for the carved opal pendant that will be raffled off at the show. She is asking everyone to purchase at least two envelopes of tickets to sell. There are twenty tickets per envelope worth \$1 each. Don't forget to sign up for your positions during the show. We also need people for setup all week long. We start at 9:00 am and go until around 5:00 pm. Tuesday morning we need help with the fluorescent room baffle. On Thursday afternoon you setup your exhibit case. They will not be opened until after 5:00 pm on Sunday for you to get your items.

Editor: Diana Cohoon will be working on the Petrograph next week. Please get your articles in. The email address is editor@mgscv.org

Membership: We ended the year with 176 members. Two members passed away last year: Vern McCullough and Dick Minor. For 2012 we have 34 paid members and 27 lifetime members for a total of 61. Don't forget to pay for your membership dues. The application is available at the shop or you can download a copy from the website.

Juniors: Mark Montgomery reports we have juniors.

Field Trips: Check the binder at the shop and shows are published in the Petrograph. Do we have a volunteer to be a field trip coordinator?

Education: Shirley Buschke says things are slow right now, but we will get back into it. Look on the faceting room door for a list of available classes.

Budget: Mark Montgomery moved to accept the budget as printed. Jim Ewing seconded the motion and it was carried unanimously.

By-Laws: We have moved the meeting location and when the meeting is held. This requires a change to the By-Laws. Article IX Meetings Section 1 states "The General Meeting of the Society shall normally be held during the second week of each month, except July and August." The board proposes we change it to state "The General Meeting of the Society shall normally be held monthly, except July and August." Shirley Buschke moved to accept the change to the by-laws as printed and read by Ron Miller. Diana Cohoon seconds the motion and it carried unanimously. The MGSCV Fact Sheet will also be amended to state The Society meets the third Tuesday of every month, except July and August. The meetings are held at the Church of Christ, 22307 Montgomery Street, Hayward, 94541 at 7:30 pm and present speakers or films on pertinent subjects.

Announcements: We need a hospitality person for the general meetings. This person will set up the coffee and punch for the General meeting, and keep track of the paper goods. In May, you'll order a cake for the clubs anniversary meeting.

Drawings: Guest tickets - Marian Huntsman, Lee Daguman, and Cindy Thames

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Member Tickets - Rich Bay, George Kozakura, Greg Ordonez, Linda Davenport, Bev Ewing, Chrissy Cody, Mark Isaacs, and Beth Farmer

The meeting adjourned at 9:15 pm.

ANNOUNCEMENTS

ATTENTION! Calling all members and crafts persons! Do you have projects made in the club shop which you would like to display at the annual MGSCV show? You are in luck! Display your goods in the Club showcase! This case is a special venue for members who want to be part of the lapidary world. You can display anything you have made - cabochons, wire wrap, bead work, silver castings, faceted stones, freehand cut opals - the list is almost endless.

If you have an item or items to display or just want more information, call **Gerry Perko** at 510-656-8026 or 510-673-0264, or e-mail at gperko@yahoo.com. **DON'T FORGET**, to sign up to help at the upcoming show (March 2, 3, and 4).

"Your Volunteer Service is Needed"

Now is the time to consider your **4 hours minimum**, volunteer service to our show, March 2, 3 & 4, 2012. Our show depends on your volunteer service to be successful. You may volunteer by mail when you return the club questionnaire sent to you, or by signing into our logbook at the shop, or by calling our shop phone (510-887-9007) and leaving your schedule, or by signing on the volunteer page at our club website (www.mgscv.org). Please volunteer by February 15, 2012. Thank you very much for

your time. - **Mike McBride, Show Volunteer Coordinator**

Thank You

Anne Marie Korkendorfer for donating her husband Willie's rocks. They are for sale at the shop.

LOCKERS...LOCKERS...LOCKERS !

Time to renew the rent on your locker, Only \$5 per year. Leave your payment in the safe at the shop or mail it to the MGSCV, P.O. Box 2145, C.V. CA 94546 along with your membership fee. \$5 per year for the convenience of a locker is a real bargain. Need more than 1 locker? Would like a locker of your own? No problem. **Beth Farmer** or **Mark Montgomery** will help you find an available locker. A real deal...



ROCK RUMBLES Feb. 2012

By Shirley Buschke

You must see the intricate wax work created by Pavel Kozyrev. He has purchased the thinnest wax wire in Doc's store and proceeds to create unbelievable designs. He has cast in silver a turtle, and a fish and he is working on a bird and Christmas tree and a free form design. The results are like filigree, only done with wax and cast instead of silver and soldering. Figuring out where to put the sprue wires is a real puzzle.

Maybe it is the nasty weather but we are seeing some of our old friends. **Claude Hawkins** showed up, He likes to make cabs.

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We also saw **Jackie Funcheon**; she was working on some stained Glass. She hopes to get back several more times before she settles down to finish her master's degree. School resumes at the end of the month.

Lots of activity with Willy's rocks, this is the final bunch. Thanks AnneMarie. That man sure had an eye for quality.

Pat Rigor has donated display material for our auction case.

Our new meeting hall is great; there is a parking lot accessible from Montgomery St. to the left of the church. Traffic can be vicious on A Street, so stay alert. Our speaker on Benitoite had to cancel but President Ron Miller presented a program on meteors and outer space debris. Our chance of being struck by either are one in several million but a meteor fragment did hit the shoulder of a lady so we should be safe. She used up the one chance. We saw old faces that have not been at meetings for some time and four new members on their first visit.

Our show needs help. Please call and find out what you can do. Remember, poor show, no shop. We have used up our reserve cash. Pack up is on Sunday at the shop, major work on Monday and Wednesday and dealers arrive Thursday. Work goes on from 9 Am until about 5 or 6, don't go home Sunday. We must pack up and then repack at the shop on Monday after the show. **No donated food this year new state requirements**, but you can donate cash and we can buy at Costco. Also food handlers must take a short course on food safety given by **Paul Kenny**, who has been

certified. Another blow to us--display chairman **Norm Hodgson** had a stroke. He is recovering at home. Yes, he is much too young for a stroke. **Gerry Perko** has taken over for him, see announcements above.

Christine Cody donated several boxes of small faceted stones. We have had them at several meetings and usually sell 2 or 3. All of the proceeds go to the shop. Big surprise at our recent meeting, we sold ten boxes. Love to see the products. Come show them off at another meeting or at the shop. Or donate the jewelry for the auction.

Our next meeting will have a speaker from Cal State East Bay (that's Hayward State), we will meet our scholarship winners at the general meeting. Each year we give two scholarships. All of the proceeds from the door prize ticket sales for the Opal made by Ed Rigor go towards the scholarships.

It sounded like we might have some field trip advocates at our meeting. Our club used to go on many trips, ask the old timers. You can show your membership card and join another club on their trips. There is a binder in the shop that lists field trips or ask, **Ron Hassemeyer** about trips. Wonder if Ron's bride is here yet?

We also need a coordinator for the spinning wheel. This is the one where kids spin and win; it is a very successful part of our show. **Eloise Rudigar** has been in charge for years. Her health has dictated that she can't handle the wheel full time, but can help. Eloise is often our top seller

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of raffle tickets, and a real go getter.
Hate to see her have to slow down.



SHOW SCHEDULES

Tucson Gem & Mineral Shows

Jan. 26th- Feb. 12th see web site for all locations and times, (schedule also at shop)
<http://tucsongemandmineralshows.net/202-tucson-gem-show.html>

Antioch Lapidary Club

Feb. 18th & 19th 10-5pm daily
Contra Costa county fairgrounds
1205 W. 10th st., Antioch
Brenda Miguel 925-301-6957
<http://Antiochlapidaryclub.com>

Mineral & Gem Society of Castro Valley

March 2, 3, & 4; Newark, Ca
Newark Pavilion
6430 Thornton Ave.
Hours: Fri. & Sat 10AM- 6PM; Sun. 10AM-5PM
Cathy Miller 510-887-9007
www.mgscv.org

Victor Valley Gem and Mineral Club

"36th annual outdoor tailgate"
March 9th, 10th & 11th 9am-5pm daily
Stoddard Wells Road (12 miles East of I-15), 760-243-2330
Info. & map on website www.vvgmc.org

Salinas Valley Rock and Gem

March 10th & 11th 10-5pm daily

Veteran's hall, Spreckels, Ca 5th & Llano sts. Robert Braun 831-771-2089

Mother Lode Mineral Society

March, 10th & 11th 10-5pm daily
Turlock fairgrounds, 900 North Broadway
Terry & Bud Mc Millin 209-524-3494
www.turlockgemshow.com

Vallejo Gem & Mineral Society

March 17-18th, 10-5pm daily
Solano county fairgrounds, Mc Cormack hall
Dan Wolke 707-644-9764
www.vallejogemandmineral.com

Calaveras Gem and Mineral Society

March 24th & 25th, Sat.10-5pm; Sun. 10-4pm
Calaveras county fairgrounds, 101 Frog Town rd. Tak Iwata 209-928-5579
www.calaverasgemandmineral.org

Roseville Rock Rollers

March 24th & 25th, Sat. 10-5pm, Sun. 10-4pm
Placer County Fairgrounds,(Roseville)
800 All American city blvd.(off Washington)
Gloria Marie 916-216-1114
www.rockrollers.com

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

Santa Clara Valley Gem & Mineral Society

April 20, 1, & 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

CFMS Field Trip

April 5th through April 8th

Topaz Mt. and Dugway Geode Beds,
Northwest Utah

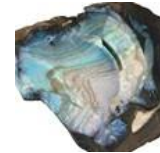
Info: www.cfmsinc.org.

February Bench Tips

Submitted by Brad Smith

Please add this extra information into the tip for the Wax Pen. You can make your own wax pen from a small soldering iron plugged into a light dimmer switch for heat control. Both components are easily found at Radio Shack, a big hardware store or at Harbor Freight. For an example of the dimmer and soldering iron, see www.harborfreight.com items # 43060 and # 47887 Look for a soldering iron of

around 25-30 watts. File the tip to the shape you prefer or even better get a soldering iron with replaceable tips. Then you can make several tip shapes for different tasks. Set the dimmer control just hot enough to melt the wax without producing any smoke.



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.



ACIDS

Two things you should remember from your high school chemistry class--treat acids with respect. Also-- always add acid to water, never the other way around.

The acid most of us know is vinegar and fortunately, it can be used quite safely. We even use it to make salad dressing. Of course, it is usually less than 6% in concentration. Vinegar is the common name for acetic acid.

When using acids, work in a well ventilated environment and keep the solutions in ceramic or glass containers. If necessary to heat an acid solution, do it slowly. Wear appropriate protective clothing, glasses and gloves. Etching is a result of acid on metal and it can have the same effect on you or your clothing.

Should you accidentally spill acid, wash immediately and follow with a solution of bicarbonate of soda. This will neutralize the acid. Nitric, hydrochloric and sulfuric are especially corrosive. When you use pickle, an acid solution, always use copper tongs to remove your silver or gold findings.



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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, Lapidary
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

MAPS



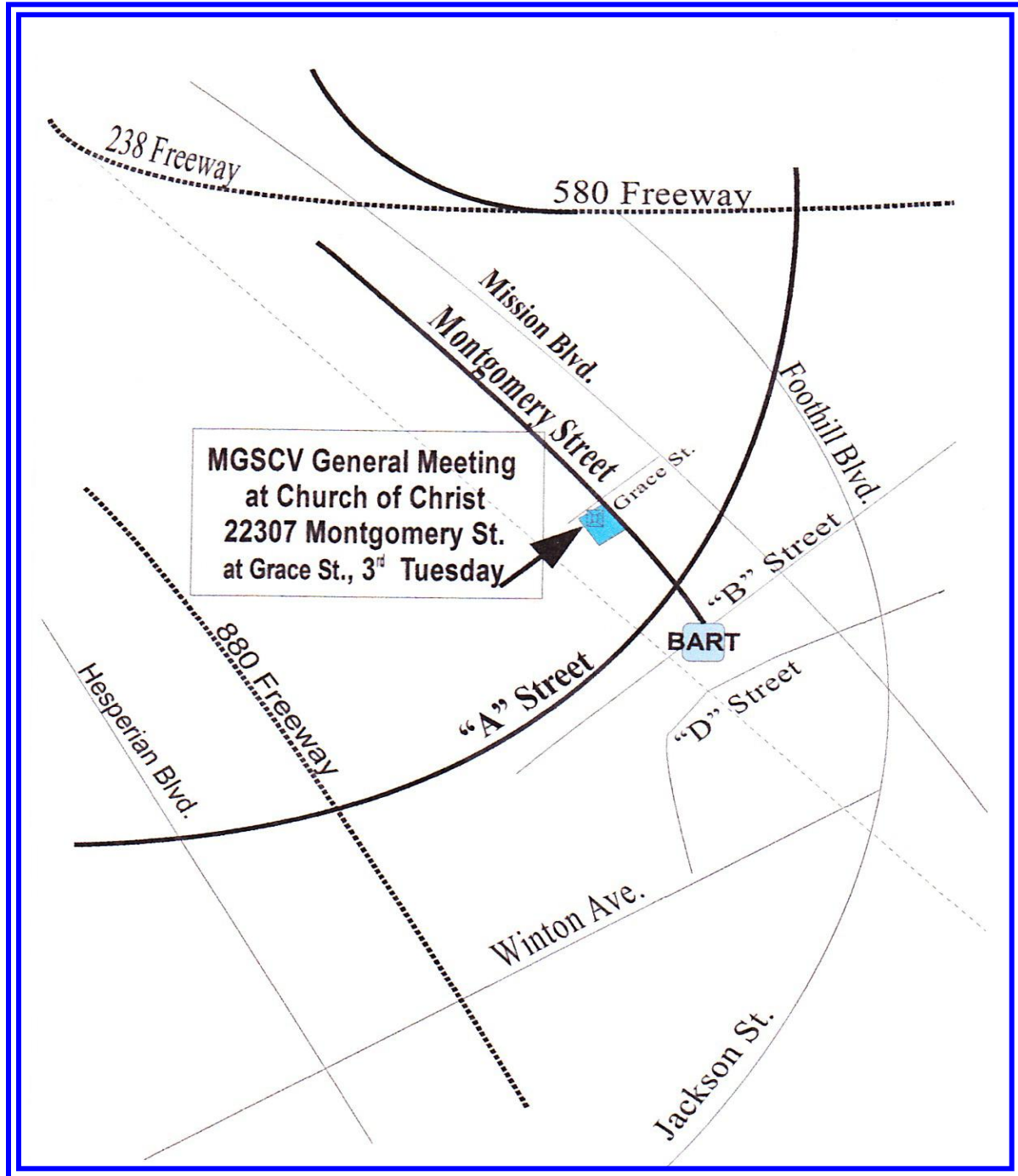
SHOP NOTICES:

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.

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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 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. Mail to - **MGSCV, Attn: Membership Chair, P.O. Box 2145, Castro Valley, CA 94546**

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: _____