



Club Notes



Next Board Meeting: Monday, December 12th,
7:00 p.m. at the shop

Next General Meeting:

Holiday Party & General Meeting:

Thursday December 15, 6:00 p.m. at:

*The Moose Lodge
20835 Rutledge Road
Castro Valley*

We will have Turkeys cooked and each attending member should bring a dish for the Pot Luck if your last name starts with:

- A - F: Bring Salads
- G - P: Bring Desserts
- Q - Z: Hot Side Dishes

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

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MGSCV Petrograph - December 2011
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.

2011 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

Meeting Minutes

BOARD MEETING - Oct 10, 2011

Submitted by Sheryl Cooper

President Ron Miller called the meeting to order at 7:10 pm. In attendance were Ron Miller, Betty Milam, Sheryl Cooper, Beth Farmer, Bonnie Andrade, Norm Hodgson, and Mike McBride.

Treasurer's Report: The September treasurer reports were presented and reviewed. Beth Farmer moved to accept the reports. Norm Hodgson seconded the motion, it was unanimously carried.

Shop Manager: She is pro-actively repairing old machinery.

Unfinished Business: Church of Christ says they are still willing to host our general meetings on Tuesday night. They reminded us No alcoholic beverages would be allowed at the Christmas Party. There is concern about moving the meeting location without any warning to Mt Eden Presbyterian Church. So it was decided to make the change in January if the general member approved the new site and day of the week. The rental fee has already been paid for this year's Christmas Party, so the location will not change until next year.

New Business: We need to purchase a projector. Ron is looking into it. Ken Miller has agreed to manage the rock tumblers.

The fluorescent society has asked if they could get a pony case from us. This opened a discussion on what to do with the extra cases stored upstairs at the shop. Before

we get rid of them we will look at the ones stored at the Pavilion to see what condition they are in and make sure we have a good set for our use. With that said the fluorescent society is an asset to our show and we should consider their request. Norm Hodgson proposes will donate a pony case to the Fluorescent Mineral Society of No. Calif. Mike McBride seconds the motion and it carries unanimously.

The meeting was adjourned at 8:00 pm.



GENERAL MEMBERSHIP - Oct. 12, 2011

Submitted by Sheryl Cooper

Ron Miller called the meeting to order at 7:35 pm. We had 20 members present.

Discussion: What kinds of programs we would like to have at the meetings? We prefer live people over videos. See if grad students would like to talk to us.

Suggestions were: places, geology, show and tell, and travel logs.

Discussion: How to get more people to attend the general meetings?

It is hard to hear the speakers that do come. Check into the condition of our

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microphone system. Change the \$100 member drawing to a progressive drawing. Start at \$100 and add \$10 per month until we get a winner. Announce in the Petrograph who is speaking. Discuss personal projects at the meeting

Education Get a club project started and discuss it. Add finished goods to the silent auction. Find a member to shuttle from BART to the new meeting site.

Shop Manager: If you would like to help with the repairs around the shop contact Beth Farmer. She is setting up a cleanup day.

Show Chairman: We have talked about having the scouts at the show to work on their geology merit badge, but there just isn't room. Instead maybe they could come to the shop or someone could go to their meeting. The next show meeting is Tuesday, October 18th at 7:00 pm at the shop.

Librarian: Mary says it is doing fine.

Membership: We have 177 members.

Discussion: How can we increase the membership?

Create a facebook page. (Ron Miller is working on this.) The plan is to list meetings in publications and on bulletin boards. Such as: senior center communities, retirement Groups, associations (REAC), church bulletins, libraries, community centers, and colleges. We were told by new members that the website doesn't say what you can do. So update the website. Affiliate with vendors, like Rio Grande or a faceting machine vendor. Have a discount membership fee to college students. Create

you tube videos of members working at the shop showing what you can accomplish. Participate in city fairs in Castro Valley, Hayward, and Newark. Mary Howell will work with someone on a display case that can be used for the fairs, schools and talks.

Education: There was a polymer clay class. Students were fascinated to learn how to prepare, shape, bake, decorate, and what you can do with it. We are working on another opal class with Ed Rigor.

Old Business: An announcement was sent out to members about a discussion tonight regarding a change in the general meeting location and the night of the week. You were asked to contact Sheryl Cooper if they could not make it to the meeting with your questions, comments, or vote. There were no responses. We discussed the situation and concerns of moving. BART is about two blocks away, saving \$1200 per year. More members might attend if the meeting is on a different night. No matter what night the meeting is held on some people will not be able to attend. Some people just do not have an interest in attending meetings. Mary Howell proposed to have the general meetings on the second Tuesday of the month at the new location. Mary Jane Holmes seconds the motion. 18 in favor, 1 opposed. After more discussion Mark Montgomery proposed we have the general meetings on the **third Tuesday of the month**. Beth Farmer seconded the motion. The motion carried.

New Business/Announcements: Look for the show signup sheets at the shop and the Christmas Party.

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Drawing Winners:

Membership Drawing: Stefanie Miller was not present.

Members Tickets: Doc Buschke, Mary Jane Holmes, Charles Minshall, Jodi Minshall, Betty Milam, Beth Farmer, George Kozakura, Mike McBride, Mark Montgomery, and Niki Churchill
The meeting adjourned at 9:05 pm.



BOARD MEETING - NOV 7, 2011

Submitted by: Sheryl Cooper

President Ron Miller called the meeting to order at 7:00 pm. In attendance were Ron Miller, Betty Milam, Sheryl Cooper, Bonnie Andrade, Mike McBride, Cathy Miller and Jim Ewing.

Minutes: The June, September, and October minutes were presented. Betty Milam moved to approve all the minutes. Mike McBride seconded the motion, it was unanimously carried.

Treasurer's Report: The October treasurer report was presented and reviewed. Sheryl Cooper moved to accept the report. Mike McBride seconded the motion, it was unanimously carried.

Shop Manager: We discussed the saw sitting in the shop.

Show Chairperson: Cathy reports that things are going well. All the dealers have been sent contracts. The Pavilion agreement says no dogs allowed. This was

added to the dealer contracts. Eight dealers have paid already. The layout will be submitted soon.

New Business: We reviewed the proposed budget presented by Betty Milam. Cathy Miller moved to accept the budget as presented. Mike McBride seconded the motion, it was unanimously carried. It will be presented to the general membership. The January general meeting will be on Tuesday, Jan 17 at the new location. Ron has talked to Rick Kennedy with Earth's Treasurers to do our program for the meeting on Bentonite.

The meeting was adjourned at 8:10 pm.



GENERAL MEETING - NOV 9, 2011

Submitted by Sheryl Cooper

President Ron Miller called the meeting to order at 7:35 pm. We had 11 members present.

Minutes: The June, September and October minutes were read. Betty Milam moved to approve the minutes as presented. Mark Montgomery seconded the motion, it was unanimously carried.

Program: Faults, Folds, and Fractures by Ron Miller

He talked about fractures in Earth materials in vertical or horizontal

movement. There are 4 types normal dip/slip, reverse dip/slip, strike-slip, and thrust. He explained the differences and we were shown several examples.

Librarian: Mary Howell is waiting on the Agate Book.

Juniors: Mark Montgomery reports nothing new.

Field Trips: There is a field trip binder by the front door at the shop.

Education: We have received over \$900 so far this year in class fees. The classes are listed on the faceting room door. Please contact the instructor if you are interested.

New Business: There was a proposal to change the by-laws to state "The general meetings will be held monthly except in July and August. The board meeting will be held prior to the general meeting." This will be voted on at the December meeting.

There was a proposal for the current slate of elected board members to hold their same positions next year.

Mary Howell looked into the Castro Valley Fair. It is a 10 x 10 booth for \$285 on the second weekend in September 2012. We would need two people to staff the booth during the two days of the fair. She will check into the Newark Fair also. Ron Miller is checking into having an ATM machine setup at our next show.

Announcements: The turquoise tree by Doc Buschke is ready for the Christmas Party Raffle. You can purchase tickets from Doc at the shop and at the party.

Annemarie Kochendorfer is having an estate sale on Saturday, November 12 starting at 9:00am.

MANY THANKS!

Annemarie Kochendorfer, for your donation of enameling supplies to the club; they will be added to the current supplies at the shop.

Bonnie Andrade, for setting up your case at all the shows, and representing MGSCV so well.

David Howell for donating ring sizer equipment to our shop

Drawing Winners:

Membership Drawing: Lisa Lafferty was not present to win the \$100 drawing.

Members Tickets: George Kozakura, Mark Montgomery, Mary Howell, Doc Buschke, and Mike McBride are the winners this month.

The meeting adjourned at 8:40 pm.



FROM THE FACETING INSTRUCTORS

By Jodi Minshall

The faceting room has chairs open for more students. Since there aren't many beginning students signed up, members who may already done the beginners course can sign up for a seat to do an advanced course. We don't want to see these nice machines going unused. Advanced students are required to provide their own faceting materials and laps, but instruction is still

free. The hours are Monday nights from 6:30 PM to 9:00 PM and Saturday mornings 9:00 AM to 12:00 PM. There are both beginner and advanced seats are available. Talk to John Gullak or Jim Ewing if you want more details. As always the signup sheet is on the back of the Faceting Room door.



ROCK RUMBLES Dec. 2011

By Shirley Buschke

THE GENERAL MEETING DATE AND PLACE WILL CHANGE IN STARTING IN JANUARY!!!

Did you know one of our members travels to our shop from San Francisco by way of Bart? Lyle Schoef makes it most Saturdays. A couple of our members have found they can come from Bart, but can't always get home in the evening because buses don't connect. Lyle has had lots of problems with his latest casting, so we encourage him by saying "We learn SOOO much from our mistakes"

We haven't seen Arland Stokes for awhile and now we know why. He was just

recently released from the hospital after major heart surgery.

Someone forgot to turn off the pickle pot again, and it was hot and bone dry when it was discovered. Shop boss Beth Farmer has put timers on some pieces and the jerk pulled it off the timer and plugged it into the wall. But he forgot to turn it off! It could have burned the place down. If something happens to our shop, it's doubtful we will find a replacement. Why do some adults have to be told to clean up after themselves?

Have you ever wondered where our club would be without volunteers? If John Gullak and Jim Ewing didn't show up, we would have no faceting class. Our teachers are not paid, how many hours do you think Shop Boss Beth puts in, all unpaid? Treasurer Betty Milam has quite a job as well Shop supervisors who are loyal arrive on time every week. We would have no annual show if we had no volunteers, so please sign up. The book for the show is on the desk as you enter **Our club is about 65 years old. Let's aim for a century!!**

Eureka! shouted M.T.McBride when he found a vacant locker. Now he has a little bit less to carry in the trunk of his car. Just heard AnnMarie Korchendorf hasn't been at the shop because she has poison oak. Those who have had it sure can sympathize with her.

According to the shop log, a couple of strangers dropped in. Teresa Tamaguch, and Gladys Janer we haven't seen them in ages. Barbara Gentrin was working on a copper enamel bowl. She is quite ambitious.

Be sure to check out the show auction case. Latest outstanding piece comes from Pat Rigor, a fabulous Austrian crystal necklace patterned after one **Sofia Loren** wore in "The Key" in 1958. Along with Doc's turquoise tree, we have two very high quality pieces.



THE NATURAL HISTORY MUSEUM OF LA COUNTY

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The Natural History Museum in Los Angeles houses a beautiful collection of gems and minerals in their Gem and Mineral Hall. There are more than 2,000 specimens in two large galleries. The collection is considered to be one of the finest exhibits of gems and minerals in the world. This should be a must do stopping point for any rock hounds planning to visit the southern half of our state. The Gem and Mineral Hall houses only a small fraction of the Museum's extensive collection, which includes more than 150,000 specimens.

Reach Out and Touch a Gem

The exhibit features gems and minerals from around the world as well as an extensive collection of California specimens. Visitors are encouraged to interact with multiple "touch specimens" of gems, minerals and meteorites. A slab of gem-quality jadeite, weighing several hundred

pounds, is one of the most valuable specimens in the exhibit and is actually available for public handling.

Curators' Favorites

Benitoite

(From the Benitoite Gem mine, San Benito County, California) California's official state gemstone, benitoite occurs in gem quality at only one place in the world, a mine in the Diablo Range of San Benito County, California. This unique wreath-like intergrowth is one of the finest known specimens of the gem.



Elbaite tourmaline

(From the Cruziero mine, Minas Gerais, Brazil)

The Cruzeiro mine has long been one of the world's largest producers of fine gem tourmaline. This specimen, found in 1972, is one of the most dramatically beautiful to come from the mine.

Photo: Harold and Erica Van Pelt



Silver

(From Kongsberg, Norway)

This natural silver "wire" came from the famous mines at Kongsberg, Norway. These mines operated continuously from 1623 until 1957, yielding some of the most beautiful specimens of silver known.



Spessartine garnet

(From the Little Three mine, San Diego County, California)

The bright orange spessartine gemstones from the Hercules Dike at the Little Three mine are regarded as among the finest in the world. This specimen, found in 1987, is the finest known from the mine.



Gold

(From the Groundhog mine, Gilman, Colorado) Appearing much like a "ram's-horn", this natural wire gold is one of the finest known. It was found around 1878 and is said to have once belonged to Dr. David H. Dougan, the first mayor of Leadville, Colorado.

Photo: Harold and Erica Van Pelt



The Natural History Museum of Los Angeles County
900 Exposition Blvd.
Los Angeles, CA 90007
Phone: (213) 763-DINO
<http://www.nhm.org/site/about-our-museums>



THE PETROGLYPHS OF DONNER SUMMIT, CA

**By Anne Reisenauer,
Reprinted With Permission of the Donner Summit Historical Society**



California must have been an interesting place in pre-Columbian times. It was the most populated area on the continent and the most diverse ethnically and linguistically. There were nine language families in the Sierra alone.

Native Americans left us a record of their presence in the Donner Summit area: they created petroglyphs. The pictures to the left are Donner Summit area petroglyphs enhanced in black and white. Similar symbols are found in many places in the northern Sierra Nevada, usually on gently sloping granite slabs.



The most accessible prehistoric rock art site is below Donner Pass on Old Hwy 40 between Rainbow Bridge and the Chinese Wall. Look on the flat granite bench just west of the road

near the historical marker. This is an extensive petroglyphs site that contains over 200 rock art elements, including a bear track (see top photo). The petroglyphs here are hard to see but fascinating.

Archeologists estimate that the petroglyphs in this area were made 1500 to 4000 years ago. They were created by pecking through the surface of the glaciated bedrock using a tool called a hammerstone. Most are geometric shapes - wavy lines, circles, and zigzags. Human and animal forms, such as stick figures and deer or bear tracks, are less common. Although no one knows what the petroglyphs mean, many people believe they have a spiritual or ceremonial significance.



Ancestors of the Washo People created these petroglyphs. Like all Great Basin Indians, they were nomadic. The Washo traveled all over the Sierra, and used Donner Pass as a corridor for travel to and from Lake Tahoe. Adapted to life in the Great Basin and the Sierra, they made annual rounds hunting game, gathering and trading food, clothing materials, salt and obsidian. They probably carried dried trout and pine nuts to eat and they would have hunted.

The rock art sites are exposed to the harsh environment of the high Sierra. The natural process of exfoliation (peeling away of layers of rock due to the freezing and expansion of water) is at work on Sierra granite. This leaves the petroglyphs fragile

and vulnerable to destruction. To preserve these sacred symbols while viewing them follow the guidelines below:

1. Walk around, not on, the petroglyphs.
2. Don't make rubbings or tracings-this wears away the rock surface.
3. Leave rocks, plants and artifacts where they are.
4. And of course carry out your trash, as well as any other trash you may see left behind by other less conscientious visitors.



Someday the petroglyphs will be gone and along with them will go the tangible record of the first visitors to Donner Summit.

There are many good sources for information about the earliest visitors to Donner Summit as well as the rock carvings. A particularly good source is [Ancient Rock Carvings of the Central Sierra](#) by Willis Gortner. You have to be really lucky to see a copy since it's out of print - but you may run into someone with a copy.

<http://donnersummithistoricalociety.org/pages/storiespages/petroglyphs.html>



NOTIFICATIONS

Our last meeting at Mt. Eden Presbyterian Church was held in November. Starting in January all general meetings will be held at the **Hayward Church of Christ, 22307 Montgomery avenue, right on the corner of Grace st. Hayward 94541.** The January General meeting (held **January 17th**) and all other General meetings from then on will be held the **3rd Tuesday of the month at 7:30 p.m.** except for July and August when there are no General meetings. The Board meetings will be held the week before the General Meeting on Monday, 7 pm.

The Annual Christmas Dinner party will be held Thursday, December 15th at the Moose Hall, 20835 Rutledge Rd, Castro Valley from 5 pm to 9 pm.



MERRY
CHRISTMAS



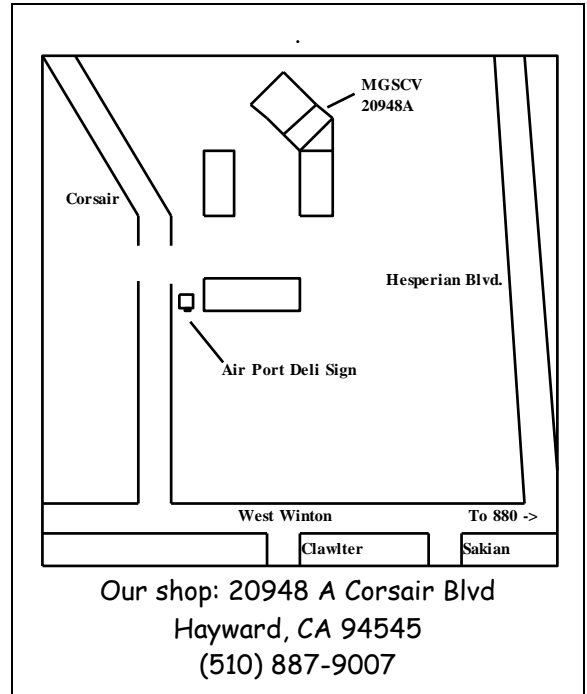
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Shop Schedule (All shop sessions members only)

- Monday** 10AM to 1PM, Lapidary
6PM to 9PM, Beginners only
in lapidary
- Tuesday** 9:30AM to 12:30PM, Lapidary
6PM to 8:30PM, Lapidary,
lost wax & beading.
- Wednesday** 9AM to 12:00PM, Lapidary,
intarsia & beading.

Library open 10AM to noon.
6PM to 9PM, Lapidary
- Thursday** 10:00AM to 1:00PM, Lapidary
5PM to 9PM, Lapidary
- 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

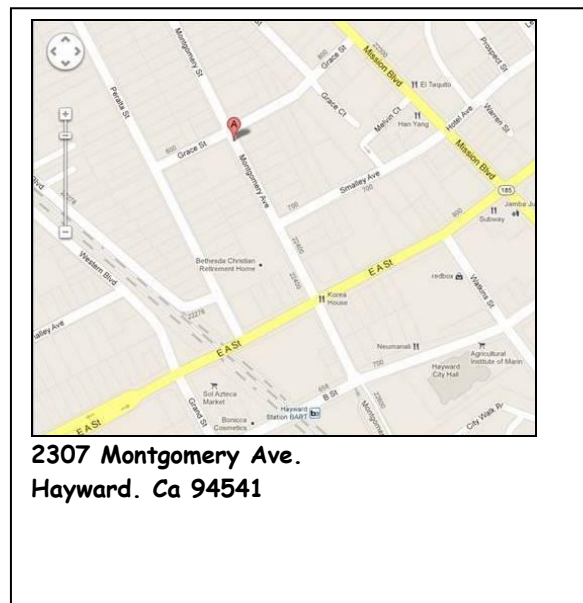


SHOP NOTICES:

None at this time...

Website: www.mgscv.org

Email us at info@mgscv.org



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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: _____