



CLUB NOTES



The next Board Meeting will be **Saturday, June 11th at 3:00 PM at the shop**

The next General Meeting will be **Saturday, June 18th at 3:00 PM at the church** (see map on page 14). There will be a presentation on pearls and a silent auction.

Members and Non-members are all welcome at the general meeting.

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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 last day of the month. Anonymous contributions will not be considered, but if requested, the contributor's name can be withheld. Members are encouraged to submit articles that may be of interest to the general membership. The Editor reserves the right to edit or omit any submitted articles. Sources must be cited for material quoted from other authors. Permission to reprint Petrograph articles is hereby granted provided properly cited.

2022 MGSCV Officers

Elected

President - Neil Delfino	President@mgscv.org
Vice President - Greg Croft	VP@mgscv.org
Secretary - Rosita Croft	Secretary@mgscv.org
Treasurer - Sheryl Cooper	Treasurer@mgscv.org
Director - Pete Bergeron	Director1@mgscv.org
Director - Norm Hodgson	Director2@mgscv.org
Director - Jodi Minshall	Director3@mgscv.org
CFMS Director - Beth Farmer	Federation@mgscv.org
Shop Manager - Beth Farmer	ShopManager@mgscv.org
Show Chairman - Cathy Miller and Jodi Minshall	ShowChair@mgscv.org">ShowChair@mgscv.org
Membership - Tony Cooper	membership@mgscv.org
Petrograph Editor - Greg Croft	Editor@mgscv.org
Past President - Jodi Minshall	pastpresident@mgscv.org

Appointed

Scholarship Chair - Greg Croft	
Librarian - Norm Hodgson and Lily Johnson	
Historian - Norm Hodgson	
Purchasing Agent - Beth Farmer	
Education Coordinator - Lily Johnson	
Sunshine Reporter - All members	
Door Prizes - Neil Delfino	
Web Master - Dylan Dantzig	webmaster@MGSCV.org

Letter from the President

June 2022

By Neil Delfino

The open house was a success. We sold a bunch of rock. There was a fairly good turn out of visitors to the shop. Thank you for all of the help and food that club members provided.

The June general meeting will be the last until September, so please attend. It will be at the church in Hayward. We have not been seeing very many members at the general meetings. It would be nice to have better attendance.

We need to continue our fund-raising efforts. Lily Johnson is encouraging all to help sell items that we have made in a Christmas in July sale. It will be on line, so photograph your items and have the digital photo ready to our web master by early July. I will be selling some cabochons.

Please make an effort to keep the club afloat.

Pearls

By Greg Croft

Pearls are an example of a gem that is not a mineral. The definition of a mineral excludes materials of organic origin, so pearls, precious coral and amber are not minerals. Pearls are by far the most important of these to the gem trade.

Pearls are formed in many kinds of mollusc, but most are not valuable. Abalone or conch pearls occasionally show up in the gem trade, but most valuable pearls come from oysters or fresh-water mussels. Pearls form when a grain of sand or other irritant becomes trapped within the mollusc's shell. The organism secretes layers of the same material that makes up the inside of its shell. The luster of the resulting pearl depends on what type of mollusc. The same molluscs that produce pearl shell also produce valuable pearls. Valuable salt-water pearls come from oysters of the genus *Pinctada*, while valuable fresh-water pearls come from a range of mussels.

Pearls were known in ancient history. Since pearls are not normally cut and polished, ancient pearls looked the same as pearls today. Modern facet cuts were not developed until the 19th century, so ancient rubies, sapphires,

diamonds and emeralds did not look like today's. While ancient pearls looked the same as modern pearls the day they were found, they lose their luster over time. Pearls are not forever.

Pearls were popular in ancient Mesopotamia and Egypt and have been fashionable ever since. Perhaps the recent high point in the popularity of pearls was during the 1920's, when long rope pearl necklaces were in fashion. About that same time, a big change occurred in the pearl market. More than a century before, Chinese pearl fisheries began seeding their own pearls, but it was the Japanese in the 20th century who developed pearl culture on an industrial scale. The key to making attractive cultured pearls is to use a sphere of pearl shell as the seed so the resulting pearl will have a luster like a natural pearl. It is essential to use a different species for the seed so it irritates the mollusc enough to create a pearl. The one important pearl fishery in the United States is the source of the seeds used in Japan. It is located in Tennessee, which is the one part of the Mississippi River drainage that is free enough of pollution to still have pearl mussels.

Congratulations to Dylan Dantzig

Congratulations to our webmaster, Dylan Dantzig, for graduating from Saint Mary's College this past month!

Classes

New class sign-up sheets are posted at the shop

MGSCV Shop Notes:

By Beth Farmer

I hope you enjoyed the Open House on the 21st. I heard there were 20 or so members who enjoyed the day. If you are a newer member, please don't think that the shop is closing during the summer! We stop having meetings and newsletters for the summer, but shop hours remain the same. We can also put together a field trip or two, if there are enough people to attend one, and an idea of where to go. There is also room for anyone who would be interested in being a new Shop Supervisor. This may work for you if you have time to work in the shop on days we aren't currently open. I'm more than happy to train you!

I want to thank Phil Gross, Norm Hodgson and Lily Johnson for stepping

up and making the Open House happen during my absence. Also thanks once again to all the members (and some spouses) who worked hard to clean up the shop to make it presentable and safe!

See you at the shop!

Board Meeting Minutes

May 14, 2022,

By Rosita Alvarez Croft

The meeting was held live at the shop. It was called to order at 3:15 pm by **Neil Delfino**. There were 9 Board members in attendance: **Norm Hodgson, Neil Delfino, Cathy Miller, Greg Croft, Pete Bergeron, Lily Johnson, Jodi Minshall and Phil Gross**.

Meeting minutes from the previous Board meeting were reviewed. **Norm Hodgson** moved the minutes be accepted as printed in the Petrograph with **Jodi Minshall** seconding the motion. A vote on the motion was taken and was passed unanimously. The next General Meeting will be on Saturday, May 21th at 3:00 pm at the Shop following the Open House from 10 am to 2 pm.

Committee Reports:

Vice President: **Greg Croft** will be giving a talk on pearls for the June Meeting and would like to do another themed meeting on Plume Agates for the September meeting.

Scholarship Chairman: Nothing to report

Treasurer: Not present

Procurements Report: Nothing to report

Purchasing Agent: Nothing to report

Membership Coordinator: Not present

Shop Manager: Not present

We still need someone to teach the beginning class on Monday nights.

Librarian: Norm Hodgson is going through the books and pulling duplicates. These can be sold at the upcoming Open House on May 21st.

CFMS Representative: Not present

Show Chairman: **Cathy Miller** is working on updating the Operation Manuals.

Neil Delfino has donated an aventurine egg for the auctions, **Judith Hitchings** has also donated two

rings, the Rigors' son and daughter donated a number of pieces. John Garsow donated a tanzanite ring and some other items for next year's raffle.

Editor: Please provide anything you would like included in the June Petrograph by June 1.

Education Coordinator: The new sign-up sheets for the Basic Metalsmithing, Faceting and Lost Wax classes are up. **Teresa Taniguchi**, the lost wax instructor, is accepting sign-ups by appointment only and she requires that people be vaccinated for in person classes. Otherwise, she is willing to teach them via Zoom. **Lily Johnson** has already started her class but is accepting people for her next session.

Historian: Nothing to report

Sunshine Report: **Mary Howell** is continuing to decline.

George Kozakura had surgery on both of his hands.

Old Business: **Norm Hodgson** is promoting the Club by working at a table at the Alameda County Fair. **Mike Gonzales, Darlene Pasquini's son**

and **Bonnie Andrade** are all showing cases at the Alameda County Fair.

New Business: **Lily Johnson and Pete Bergeron** are opening the shop for the Open House on May 21st. The General Meeting is happening at 3:00 pm following the Open House. **Norm Hodgson** is working on the food arrangements for the Open House. We have lots of donations from the Buschkes that can be sold at the Open House, especially bolo tie components and belt buckle findings.

Phil Gross and **Neil Delfino** have been working on a Grant Application for non-profit organizations. We need to prove the amount we have lost as a result of the pandemic (about 64K). **Sheryl Cooper** needs to fill-out and sign the form. We should be looking at other places for grants. Perhaps we should check the Tides Foundation.

The shop phone is not working. Is **Sheryl Cooper** taking care of this? **Lily Johnson** brought up the Christmas in July option to raise funds. We need to get members to donate things to sell. We can use Instagram to advertise and PayPal for people to pay for the items. We should plan for the end of July.

Sheryl Cooper should have the info on the Club's PayPal account. **Neil Delfino** is going to follow up with her.

Cathy Miller mentioned that **George Kozakura** and **Darlene Pasquini** have both used PayPal to pay for their memberships in the past.

It was asked if we should let the landlord know about our funding issue. We are half way through our 5 year contract and may have to break it if we cannot come up with more funding.

General Meeting Minutes

May 21, 2022

By Rosita Alvarez Croft

The meeting was called to order at 3:03 pm by **Neil Delfino**. It was held in person at the Shop. There were 15 club members and 4 guests: Cory, Michelle and John Divers and their nephew Tyler from Livermore.

Meeting Minutes: Meeting minutes from the previous General Meeting were reviewed. **Lily Johnson** moved the minutes be accepted as printed in the Petrograph with **Norm Hodgson** seconding the motion. A vote on the motion was taken and was passed unanimously.

Announcements: **Cathy Miller** will be on vacation and will not be in the shop on the 1st, 8th, 15th and 22nd of June. She plans to return on June 29th. **Phil Gross** will be filling in for her during this time.

Committee Reports:

Vice President: **Greg Croft** will be giving a presentation on Pearls at the June General Meeting.

Scholarship: Nothing to report

Show Report: Active show planning starts in August or early September. The magazine articles are already submitted. We are on the Pavilion's calendar for the 1st weekend in March of 2023 (Friday, Saturday and Sunday). We Have some show auction items but could use some more. **Judith Hitchings** has donated a couple of rings and **Carol Delfino** has donated 8 bangle bracelets and 2 rings.

Eliminating the table skirting definitely saved us a lot of time in the setup and cleanup for the show. We

should eliminate this from future shows.

Several of the dealers mentioned they would like to be open on Friday as well as Saturday and Sunday. Since we were charged the same price by the Pavilion, we should consider adjusting the hours and doing the show for three days as we have in the past. Some dealers said they make their show fees on the third day. We could still have demos on Friday, Saturday and Sunday while cutting back the hours on Friday, say from 10 am to 4 pm or 12 to 6 pm. We have full use of the Pavilion from Monday through Sunday.

Cathy Miller suggested we use some of our photos to fill the empty demo tables.

Shop Manager: Not present

Treasurer: Not present

CFMS Representative: Not present

Editor: If you would like to post anything in the June Petrograph

please send it to Greg Croft by June 1st.

Membership Chairman: Not present

Education Coordinator: The new class schedules are posted on the faceting room door at the shop. Metalsmithing has one more slot to fill starting the first week of May. Faceting and Beginning Cabochon classes are happening from 6-9 pm on Wednesday evenings. It is a good idea to check the calendar at the shop for the schedule. There is a fee for the faceting class but the stone and dop are provided free for the Beginning Cabochon class.

Peter Adams offered to teach marble and egg making, possibly also small carvings. He is not one of our club members but always show his work at our show. He is a member of the Sequoia Club.

The San Jose Gem and Mineral Club has members but no shop. They would like to join our club, use our equipment and take our classes. They are also willing to teach some classes.

Sunshine Report: Bonnie Andrade
lost her father on May 2nd.

Mary Howell's health is declining.

Librarian: We sold some books at the Open House today. **Cathy Miller** is going through the rosters.

New Business: Teresa Taniguchi was able to get the phone working at the shop.

Teresa Taniguchi has some suggestions for the grant application. She is working on it. Our 501 3(c) is still in good standing. **Beth Farmer** is the contact person for the grant. We have determined we lost about \$63K in 2021 and 2022. If we get the grant, we will be Ok for now but still need to keep working on finding ways to raise funds to keep the club going.

We still need to get the info for our PayPal account.

We still have lockers available. We might be able to start using the ones upstairs. The fee is \$10 a year.

Lilly Johnson reminded us of the Christmas in July fund raising possibility but we need to get club members to make donations. **Dylan Dantzig** can do a write-up on Instagram and link the Instagram and Facebook accounts. **Neil Delfino** can donate some cabachons.

Norm Hodgson is looking for a sphere maker. We have lots of large rocks that can be made into spheres which can be sold. **Darlene Pasquini** can donate a blank for a sphere.

California Show Schedule

June 11-12, 2022 - Escondido, CA
Palomar Gem and Mineral Club
Palomar Gem and Mineral Show
California Center for the Arts, 340 N.
Escondido, Escondido 92025
Hours: Saturday 10 AM - 5 PM,
Sunday 10 AM - 4 PM
Faceted gems, Slabs, Cabochons,
Unique custom jewelry, Rare and
common minerals, Fossils, Rough,
Beads, Crystals, exhibits,
Demonstrations, prizes.
Contact: (425) 281-6218,
tonifloyd41615@gmail.com
Website: <http://palomargem.org>

July 16-17, 2022 - Culver City, CA

Culver City Gem & Mineral Society

Fiesta of Gems

Veterans Memorial Auditorium, 4117

Overland Ave., Culver City, 90230

Hours: Saturday 10 AM - 6 PM,

Sunday 10 AM - 5 PM

36 vendors plus exhibits, demos, workshops and games. Fun for the whole family - Free admission and free parking.

Contact:

BradSmithJewelry@gmail.com

Website: <http://CulverCityRocks.org/fiesta.htm>

August 5-7, 2022, Nipomo, CA

Orcutt Mineral Society

Nipomo High School, 525 N. Thompson

Ave., Nipomo, CA 93444

54th Annual Rainbow of Gems Show & Sale - "OMS Rocks the Central Coast"

Hours: Friday & Saturday 10 AM - 5

PM, Sunday 10 AM - 4 PM

Contact: nipomocowgirl55@yahoo.com

Website: <http://omsinc.org>

August 6-7, 2022, Roseville, CA

Roseville Rock Rollers Gem and

Mineral Society

@the Grounds, Roebbelen Event

Center, 700 Event Center Dr.,

Roseville, CA 95678

Hours: Saturday 10 AM - 5 PM,

Sunday 10 AM - 4 PM

Roseville Rock Rollers 60th Diamond Jubilee! Diamond give away each day, in the huge air-conditioned Event Center.

Contact email:

gloriarosevillerockrollers@gmail.com

Website: <https://www.rockrollers.com/index.html>

August 20-21, 2022 - Arcadia, CA

Pasadena Lapidary Society

"Inspiration Unearthed", 62nd Annual Tournament of Gems

Arcadia Masonic Center, 50 W.

Duarte Rd., Arcadia

Hours: Saturday 10 AM- 6 PM, Sunday 10 AM - 5 PM

Contact: Ellen Ferrell 1-727-512-0381

Email: ellenbf2007@aol.com

August 20-21, 2022 - Tehachapi, CA

Tehachapi Valley Gem and Mineral Show

500 East "F" Street, Tehachapi, CA

Hours: 9 AM - 5 PM

Rocks, Minerals, Fossils, Beads, Gifts, Collectables, Gemstones and Jewelry

Dealer inquiries accepted. For

information contact Ron Myrick, E-

Mail: travis462@outlook.com (661)

972-1117 or Robert Papac:

getback@csurfers.net (661) 342-5589
Contact: email: getback@csurfers.net
Website: <http://tvgms.org>

Classified Ads

Amethyst geode, 29 inches tall by 14 inches wide. \$4,000.00 or best offer.
Contact Zander, 802-578-4241,
zander5242@gmail.com

Amethyst geode



Lake Berryessa Onyx from the Berryessa Mine 6 pounds; 13.6 ounces; \$140 w/20% of sale as donation to MGSCV Shop Fund

The Story: I obtained this mineral specimen from Arnold Barron who told me it is call Lake Berryessa Onyx from the Berryessa Mine. Arnold has since passed away. Maybe other members might know what this is called and if Arnold was correct. Sale can be completed at the Shop. For details email Norman Hodgson. norm2@earthlink.net or call 510-582-1954

Lake Berryessa Onyx



Lake Berryessa Onyx



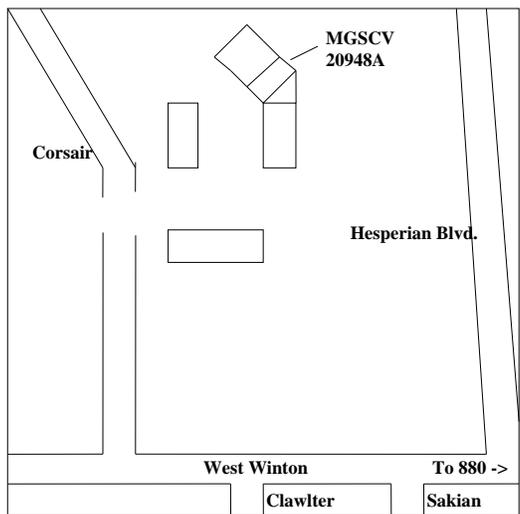
Shop Notes

(All shop sessions are members-only, except for the open house)

MAP TO THE SHOP

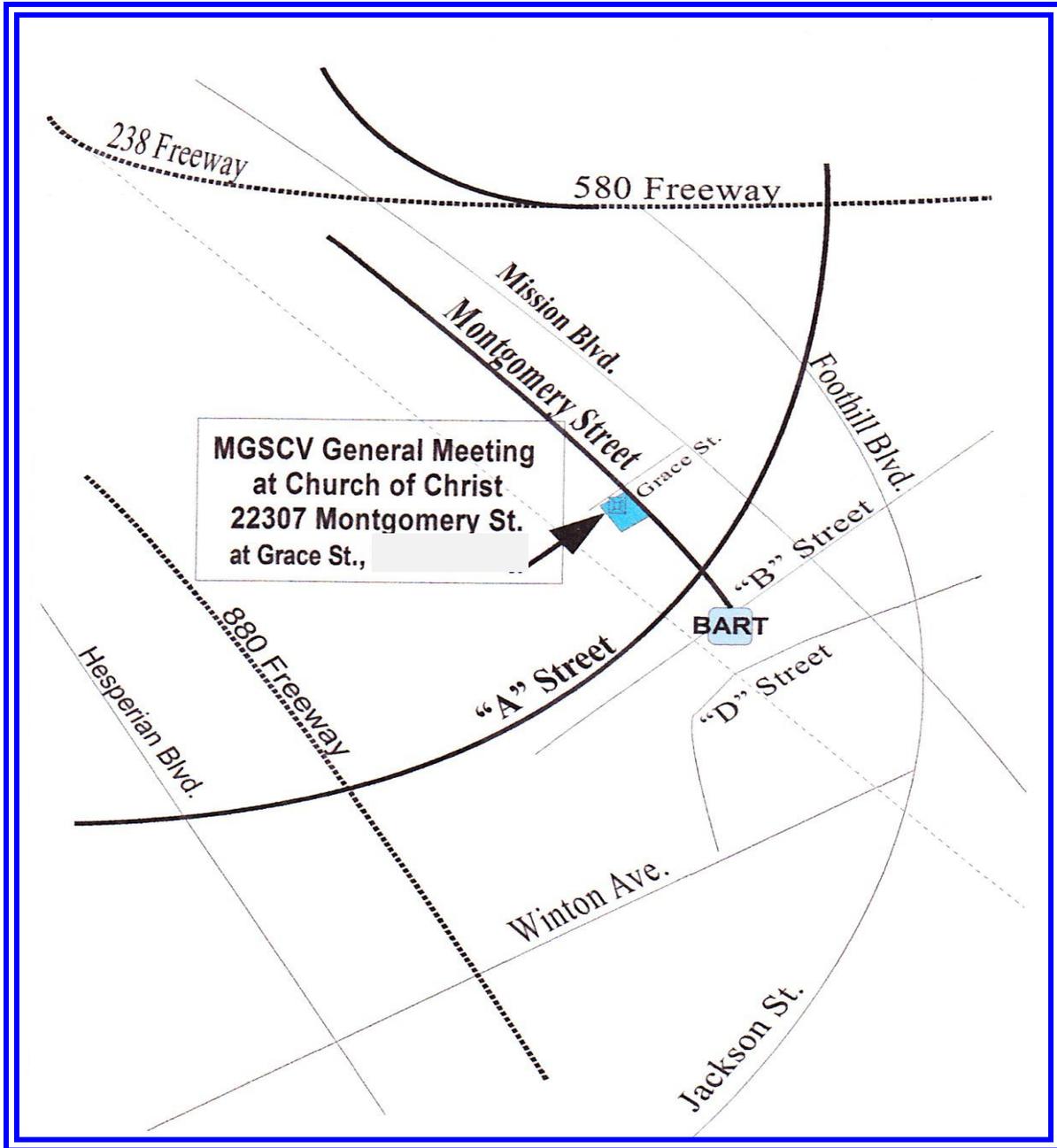
Shop Schedule:

Monday	Closed, looking for a lapidary instructor
Tuesday	Closed, need daytime supervisor
Wednesday	Lapidary - Cathy Miller, 11 AM to 2 PM, Beginner's Night - Beth Farmer, 6 PM to 9 PM Faceting - Kurt Schultz, 6 PM to 9 PM Library open 11 AM to 12 PM
Thursday	Lapidary - Phil Gross, 10 AM to 2 PM, Teresa Taniguchi, Lost Wax, by apt. Metalwork - Lily Johnson, 6 PM to 9 PM
Friday	Closed



Our shop: 20948 A Corsair Blvd
 Hayward, CA 94545
 (510) 887-9007

Saturday	Lapidary - Pete Bergeron, 8 AM to 12 PM, (Juniors, w/supervisor's approval) Library open 10 AM to 12 PM.
Sunday	Lapidary - Lily Johnson, 9:30 AM to 12:30 PM



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.



Mineral & Gem Society of Castro Valley (MGSCV)
Membership Application and Information



Membership is good for one calendar year from January 1st through December 31st. Please fill out and sign the application. Mail the completed form, a check for the dues **payable to MGSCV**, and a self-addressed, stamped envelope to - **MGSCV, Attn: Membership Chair, P.O. Box 2145, Castro Valley, CA 94546.**

Your membership is active upon receipt of your check and application. It will be processed and membership cards will be at the shop within 4 weeks. Your email will be added to the list for the Petrograph, our newsletter. Your name will be added to the roster in the lobby at the workshop and in the drawing at the general meetings for cash prizes, if present.

We are a non-profit club whose sole purpose is the education of lapidary arts and geological sciences for all who are interested. **No products produced in the shop can be sold for profit.** All members should have or be familiar with the MGSCV Handbook. A copy is available for review in the club's lobby or one can be emailed to you by sending a request to info@mgscv.org.

Before any member may operate any equipment or take any class, they must have completed an orientation and their first cabochon. **To schedule an orientation send an email to WorkShopManager@mgscv.org with your name, phone number, and a good time to call you.** During the orientation you will learn about the club and get a tour of the workshop. Monday evenings are reserved for beginners only.

Membership dues cover less than 10% of our annual operating costs. It is our annual show that funds the club, workshop and all activities. ***A requirement of membership is that every member must work at the show for a minimum of 4 hours.** The show is always held the first full weekend of March, so mark your calendars. The show is fun to work and is the reason we have the best workshop/club in Northern California. Shop services such as rock sawing, casting, special classes (faceting, wire wrap, metal work, etc...) will not be available to members who do not work at the show.

Membership Chairperson

Type of Membership(s): new membership renewal membership Lifetime (voted in by the board)

* With Shop privileges	Junior Membership	NO Shop Privileges
<input type="checkbox"/> Single - \$45	<input type="checkbox"/> Junior (11-17 with adult) - \$1	<input type="checkbox"/> Single - \$35
<input type="checkbox"/> Couple - \$80	<input type="checkbox"/> Junior (11-17 without adult) - \$5	<input type="checkbox"/> Couple - \$60

After July 1st all **new** membership dues are half (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 _____ phone _____ email printed in the roster at the shop.

I agree with the By-laws and rules of the Mineral & Gem Society of Castro Valley (MGSCV).

Members Signatures: _____

Mineral & Gem Society of Castro Valley (MGSCV)
Membership Application and Information