



CLUB NOTES



The next Board Meeting will be **Saturday, September 10th at 3:00 PM** at the shop

September is moss and plume agate month at the mineral and gem society. The general meeting will be **Saturday, September 17th at 3:00 PM** at the church (see map on page 13). Greg will talk about how moss and plume agate are formed. There will be a vote on selling the 36-inch saw to raise funds for the club.

Members and non-members are all welcome at the general meeting. There will be a silent auction and some of the silent auction items are previewed on pages 7 and 8 below.

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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 second Friday following the General Meeting (normally the second Wednesday 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

September 2022

By Neil Delfino

Welcome back from Summer vacation. It is time to save the club. We need everybody to step up and help the club. If not, we will not be able to pay the rent on the shop building. We have to survive until we start getting dealer payments for the 2023 show.

I am prepared to arrange a loan to the club, to get us to the point of show income beginning to arrive. This is a big financial decision for the board and all of the club members to make.

All board members have to attend the next board meeting. I encourage all club members to attend the next general meeting.

Ron Miller

Former MGSCV director and life member Ron Miller passed away August 1. Arrangements for a memorial service have not yet been made.

Moss and Plume Agate

By Greg Croft

Moss agate does not contain fossil moss and plume agate does not contain feathers. They contain dendrites, tree-like structures made of tiny mineral crystals. Agate is a form of microcrystalline quartz, but the dendrites are inclusions of other minerals. Black dendrites are most commonly pyrolusite (manganese dioxide, formula MnO_2). Green 'moss' looks more natural and is usually hornblende, a hydrous silicate of iron, magnesium and aluminum. Red moss agate contains dendrites of hematite (iron oxide, formula Fe_2O_3). Goethite (iron hydroxide, formula FeO_2H) forms dendrites of a golden to brown color.



A large slab of Graveyard Point plume agate. This is a seam agate with dendrites of pyrolusite and goethite.

Dendrites form because crystals of the mineral inclusion preferentially form on the tips of existing crystals. The name comes from the Greek

dendron, meaning tree. Pyrolusite forms the most tree-like dendrites. Well-formed and centrally located 'trees' add much value to a moss agate cabochon.

MGSCV September Shop Notes :
By Beth Farmer

I hope everyone had a fun summer. CFMS held their Camp Paradise workshops the last 2 weeks of August. I had put out applications for going to this fun experience, and I hope several of us attended. They had added advanced silver work to this years program. Our Saturday Shop Supervisor Pete has retired and moved away. Fortunately Phil decided to step in and keep the shop open on Saturday in addition to Thursday mornings. Thank you Phil! The shop needs one or two new Supervisors. You could replace Phil for one of his shifts, or decide on your own schedule.

This really is a great opportunity to insure you have time to work on projects, as you budget your time every week. Drop me a line if you even think you might be interested and we can talk about it.

We have had several donations of equipment this summer. If you are interested in a saw for home use, or a grinding unit, come to the shop and check out the equipment we have available for your home. See you at the shop!

Board Meeting Minutes

June 11, 2022,
By Rosita Alvarez Croft

The meeting was held live at the shop. It was called to order at 3:06 pm by **Neil Delfino**.

There were 9 Board members in attendance: **Norm Hodgson, Neil Delfino, Greg Croft, Pete Bergeron, Lily Johnson, Jodi Minshall and Phil Gross, Beth Farmer and Dylan Dantzig**.

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, June 18th at 3:00 pm at the Church.

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 and Moss 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: The 23" saw needs to have the swing arm adjusted and Genie #5 needs a new capacitor. We also need to get **Neil Delfino** to help put the remaining saw together.

Ibrahim Haris stopped by the shop today. He is still looking for space to set up his own stone carving equipment and also wants space to build more stations so he can teach stone carving.

Librarian: We should be getting some new Lapidary magazines in soon. **Norm Hodgson** paid for the subscriptions and would like to know if he can get reimbursed.

The library is in good shape. We sold about \$100 worth of duplicate books at the Open House.

CFMS Representative: **Norm Hodgson** asked if CFMS has a classified section. Rock and Gem has

the Rock Hub where we can be listed. He was wondering if we could develop a Bulletin Board where people could list items they would like to sell.

Dylan Dantzig suggested they might want to use Shopify, an Ecommerce site where people can create their own branded space. Shopify gives you all the tools to create your own web site. They have three pricing plans. The basic plan is \$29 a month with 2.9% + 30¢ per online transaction. They have a 14 day free trial. We could try it out and see how it goes. We need to decide what niche we can fill. There is also Etsy and Facebook Marketplace which we could use to Auction items.

Neil Delfino will photograph the cabs he wants to donate to the club and send the photos to **Dylan Dantzig** to try the free Shopify trial.

Dylan Dantzig had another idea for raising funds: A Club jewelry rental service, where people could rent pieces of jewelry for special events. This would support local crafts people and allow people to rent pieces they would not normally be able to afford. Younger people prefer smaller pieces of jewelry with colored stones, diamonds are for the older crowd.

Neil Delfino suggested we start out by selling or auctioning material on

the West Coast to avoid large shipping fees. The Reno Club periodically runs auctions but doesn't get good results. An Estate dealer **Neil Delfino** knows uses USPS for shipping. They charge a flat fee. **Beth Farmer** asked the group to look into possible grants. The A's and Wells Fargo have some grants that are lower amounts of money but we can cut and paste from other grant applications. Some organizations might have matching grants. This would involve matching the sales amounts. **Jodi Minshall** and **Phil Gross** can look into possible grants. **Neil Delfino** and **Norm Hodgson** can help fill-out the forms.

Lily Johnson knows a new club member who is willing to help with the grants.

Show Chairman: Cathy Miller was not present and **Jodi Minshall** has not heard anything about next year's show.

Beth Farmer mentioned that John Garrow usually donates items for us to raffle off. Maybe some of the other dealers would also make donations to help.

Editor: Please provide anything you want included in the September Petrograph by September 1st.

Petrograph classified ad prices were discussed and voted on. The Set-up fees would be as follows:

- \$5.00 for text-only
- \$15.00 for text and one photo
- \$20.00 for text and two photos

It was agreed that an ad will run for three issues if the item does not sell.

Education Coordinator:

Members are wanting to take field trips.

Historian: Nothing to report

Sunshine Report: The electrician had a surgical procedure on his heart. Kurt Schultz has his info.

Old Business: None

New Business: None

General Meeting Minutes

June 18, 2022

By Rosita Alvarez Croft

The meeting was called to order at 3:10 pm by **Neil Delfino**. It was held in person at the Church. There were 11 club members and 1 guest: Roberto Casillas from Fremont.

Meeting Minutes: Meeting minutes from the previous General Meeting were reviewed. **Jodi Minshall** 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:

We made \$40 at today's silent auction. Thank you Jodi for the extra \$10 donation.

Committee Reports:

Vice President: Greg Croft gave a presentation on Pearls.

Scholarship: Nothing to report

Show Report: Nothing to report

Shop Manager: Not present

Treasurer: Not present

CFMS Representative: Not present

Editor: Greg Croft will post a general notice regarding the Christmas in July. It will be held sometime at the end of July and will involve selling items on Facebook Online Marketplace. It was suggested perhaps members could make a cab to be donated to the Club on a regular basis.

Membership Chairman: Not present

Education Coordinator: Lily Johnson is still waiting to hear about the carving class. The sign-up sheets for Basic Metalsmithing, Faceting and Lost Wax are on the door at the Shop.

Sunshine Report: Nothing to Report
Librarian: Norm Hodgson has been culling duplicate books. These will be sold. People should check out the Library, there is lots of good stuff in there.

New Business: None

Silent Auction Preview

In keeping with this month's theme, we have plume agate for the silent auction at the September general meeting. Although the pieces are grouped in the following photos, each will be sold individually.

You do not need to be a member to participate in the silent auction; you just need to attend the meeting.



Graveyard Point Plume Agate



Miscellaneous Plume Agate



Dendritic Jaspers



Texas Plume Agate



Texas Plume Biscuits

California Show Schedule

September 10-11, 2022, Reno, NV
The Reno Gem & Mineral Society, Inc.
Jackpot of Gems
Reno Convention Center, 4390 S.
Virginia, Reno, NV 89502
Hours: Saturday 10 AM - 5 PM,
Sunday 10 AM - 4 PM
Contact: sailondan55@aol.com
Website: <http://www.renogms.org>

September 17-18, 2022 - Chico, CA
Feather River Lapidary and Mineral
Society
Silver Dollar Fairgrounds, 2757 Fair
St., Chico, CA 95928
Hours Saturday 9 AM - 5 PM, Sunday
9 AM - 4 PM
There will be 40 dealers, Silent

Auction, Geode Cracking, Treasure Hunt, Spinning Wheel and other activities

Contact: (530) 586-7052,
mmpg@att.net

Website: <http://featherriverrocks.org>

September 24-25, 2022 - San Luis Obispo, CA

San Luis Obispo Gem and Mineral Club
San Luis Obispo Veterans Memorial Building, 801 Grand Ave., San Luis Obispo, CA

Hours both days: 10 AM - 5 PM

Contact: 2022show@alogem.org

Website: <http://www.slogem.org/show.htm>

September 24-25, 2022 - Long Beach

Long Beach Mineral and Gem Society
Gems on the Hill, Annual Gem & Mineral Show

Signal Hill Public Library, Signal Hill, CA 90755- Terrace and Community Room

Hours: Saturday 10 AM - 5 PM,
Sunday 10 AM - 4 PM

Free event, Children's activities

Contact: Carol Kron (562) 577-9044,
lbmineralgemsociety@gmail.com

Website: <http://www.facebook.com/LBMGS>

October 1-2, 2022 - Anderson, CA
Shasta Gem & Mineral Society
Shasta District Fair and Event Center, 1890 Briggs St., Anderson, CA (just south of Redding) 96007
Hours: Saturday 9 AM - 5 PM, Sunday 9 AM - 4 PM

Shasta Gem & Mineral Society is having its 66th Annual Gem & Mineral Show. Vendors come from the West Coast and will be selling gems, minerals, jewelry, crystals, rocks and fossils. Door prizes, rock auctions and great educational and spectacular displays.

Contact: miller3987@gmail.com

Website: <http://shastagemandmineral.org>

October 8-9, 2022 - Redwood City, CA

Peninsula Gem and Geology Society
AND Sequoia Gem and Mineral Society

Redwood City Community Activities Building, 1400 Roosevelt Ave., Redwood City 940612

Hours: Saturday and Sunday 10 AM - 5 PM

Recreation with Rocks

Contacts: 650 575-3144

cci@pacbell.net, 650 743-7447

catphalen@comcast.net

Website: <http://pggs.org>

October 8-9, 2022 - Grass Valley, CA

Nevada County Gem and Mineral Society

Earth's Treasurers Show 2022

Nevada County Fairgrounds, 11228 McCourtney Rd., Grass Valley, CA 95945

Hours: Saturday, 10 AM - 5 PM, Sunday 10 AM - 4 PM

26+ Exhibit cases, 28+ Vendors Showcasing Fossils, Minerals, Gems, Jewelry and so much more. Expanded Kids Corner, Gold Panning, Silent Auction, Raffles galore, Talks, Demonstrations, and of course Food Dealers.

General admission \$3 person.

Children, age twelve and under free with a paid adult, Military with I.D. free. Free Parking!!!

Contact: 4vanclan5@att.net

Website: <https://www.ncgms.org/show-info/>

October 9, 2022 - Fallbrook, CA

Fallbrook Gem and Mineral Society
Fall Festival of Gems & Minerals

123 W. Alvarado Street, Fallbrook CA 92028

Hours: 9 AM-4 PM

Vendors: apply by August 1, 2022.

Free booths for nonprofit organizations promoting minerals, fossils or gems.

Contact: (760) 728-1130,

info@fgms.org

Website: <http://www.fgms.org>

October 15, 2022 - West Hills, CA

Woodland Hills Rock Chippers

First Methodist Church, 22770

Sherman Way, West Hills, CA 91204

Hours: 10 AM - 5 PM

A variety of vendors selling slabs, findings, displays, minerals, beads, craft table, carvings, diamond tools for foredoms and dremels, raffle, gold panning and more.

Website: <http://www.rockchippers.org>

October 15-16, 2022 - Santa Rosa, CA

Santa Rosa Mineral & Gem Society

45th Annual Mineral and Gem Show

Santa Rosa Veterans Memorial, 1351 Maple Ave., Santa Rosa, CA

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

Minerals, gems, rough rock, slabs, jewelry, beads from 30 vendors. Kids activities, gold panning, raffle, door prizes and Silent Auction. Displays, demonstrations, scavenger hunt and

fluorescent minerals.

Kids under 12 are free with paid parent and there's Free Parking.

Contact: (707) 849-9551,
jolene4srmgs@gmail.com

Website: <http://SRMGS.org>

October 15-16, 2022- Placerville, CA

El Dorado County Fairgrounds, 100 Placerville Dr., Placerville, CA 95667
El Dorado County Mineral and Gem Society Rock & Gem Show... Treasures in the rough. Featuring a variety of dealers with an amazing selection of Gems, Minerals, Fossils, Meteorite, Crystals, Beads, Jewelry and more. Activities include Rock and Gem identification, Demonstrations, Educational Displays, Silent Auction, Fluorescent Tent, Geode Cutting, Free Kids Activities. Something for everyone and every age.

Hours: 10 AM - 5 PM daily

Contact: office@edcmgs.org

Website: <http://www.eldoradocountymineralandgemsociety.org>

October 29-30, 2022, Sacramento, CA

Sacramento Mineral Society

6151 H Street, Sacramento, CA

Hours Saturday 10 AM - 5 PM. Sunday 10 AM - 5 PM

86th Annual Sacramento Gem, Mineral, and Jewelry Show. Minerals, Fossils, Beads, Gemstones, Meteorites, Jade, Equipment, Gold, Opals, Crystals, Food, Slabs, Rough Rock and Cabochons, and much more!
Contact: (916) 662-5819,
gemshow@sacramentomineralsociety.org

Website: <https://www.sacgemshow.com>

Shop Notes

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

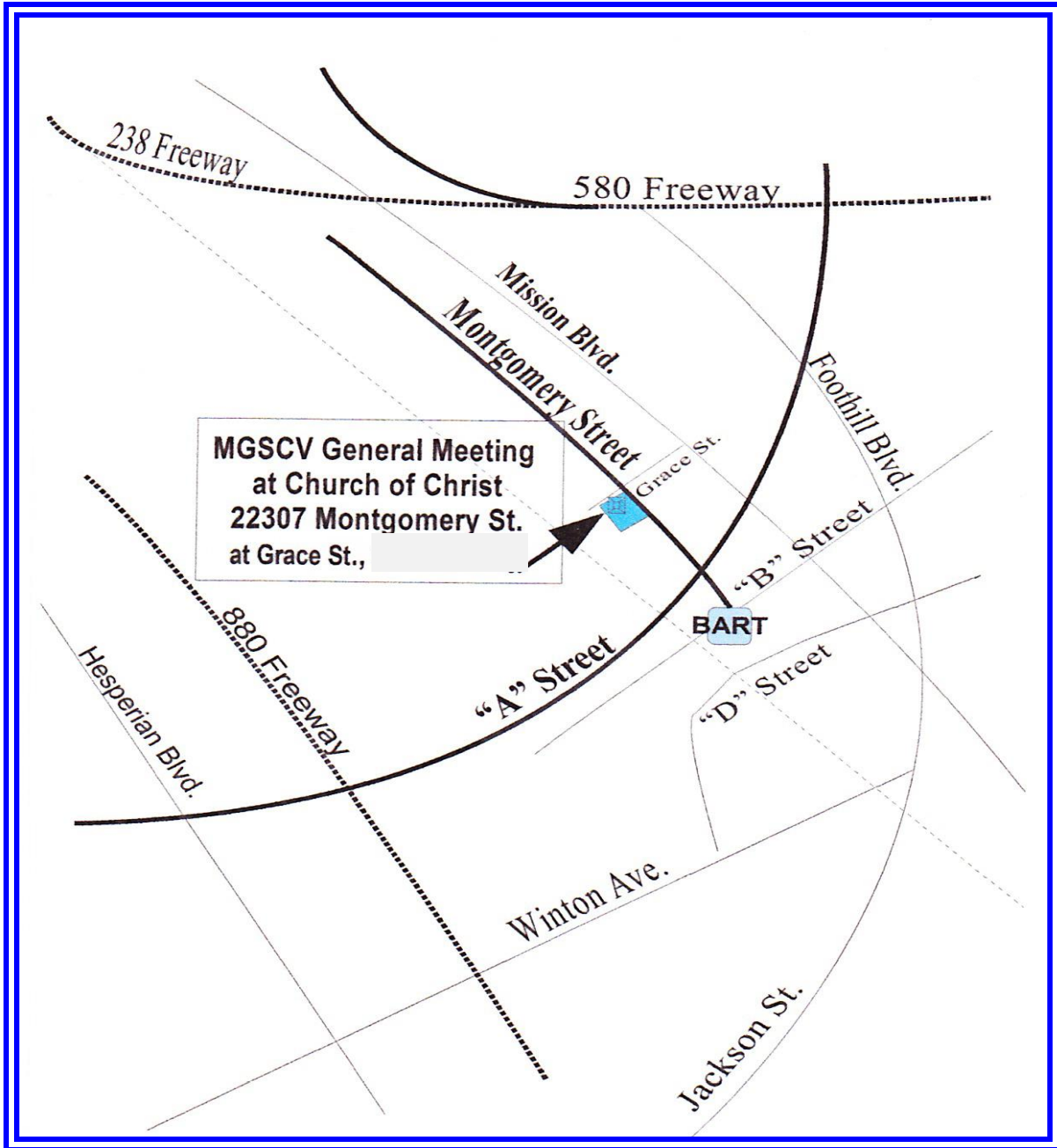
MAP TO THE SHOP

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 - Kirk Schultz, 6 PM to 9 PM Library open 11 AM to 12 PM
Thursday	Morning lapidary will resume November 8 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	Morning lapidary will resume November 8 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