



BRECCIA

Santa Clara Valley Gem and Mineral Society

Volume 69 Number 1, January 2021

Calendar of Coming Events

January 26, 7:45 General Meeting on Zoom - Our program has yet to be determined. We will send an email to you when we know.

January 28, 7:30 Board Meeting on Zoom.

Send your photos to Michele Smith for things you would like to share with us during **Membership Display Time!**

Send your photos to Alan Achor for items you would like to enter in **Bragging Rights** contest. **The topic is the letter C.**

All of the events, including Smithies and DRC Sales, will resume when it is safe to do so.

Index

Page 1

Calendar of Coming Events

Index

Page 2

A Tribute to our President

Goodbye 2020 Cartoons

Page 3

2021 Board Members

Page 4

2021 Volunteers

Sunshine

Smithies and DRC

A Word to the Wise Cartoon

Page 5

Member Displays

Installation Dinner Drawing Prize Winner

Page 6

Bragging Rights

Page 7

Sonia Dyer Visits Museo Geominero

Page 7-8 Almaden Quicksilver Park

Page 9-10

Inhibiting Corrosion on Metallic Stones and Artwork

Page 10

Rockhound of the Month

Page 11-12

Shop Suggestions

Page 12

Website Links

Page 13

A Crossword Puzzle of Minerals

Page 14-15

November General Meeting Minutes

Page 15

November Board Meeting

Page 15-16

December General Meeting Minutes

Page 16-17

December Board Meeting Minutes

Page 18

General Information

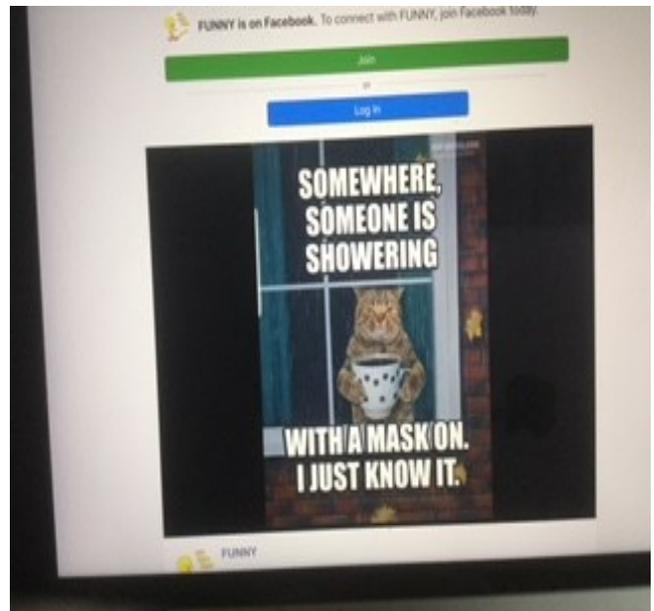
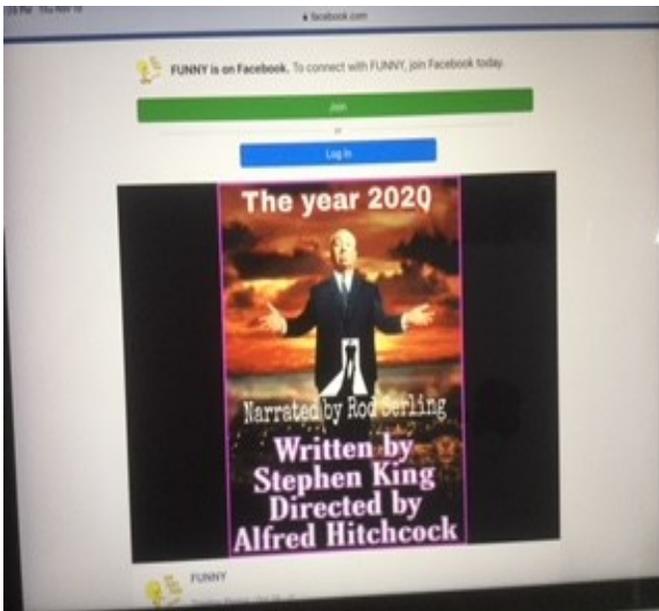
A Tribute to Our President

President, **Michele Smith** fell and broke her arm, and therefore, writing a president's message is not on the top of her list of fun things to do. In addition to planning and chairing our General Membership Meetings and our Board Meeting to adapt them to these times of sheltering in place, she does so many things behind the scene for us. To mention just a few, she has worked with our web designer to make our site at scvgms.org into a more informative and easily negotiated site to visit, has found and arranged for informative speakers for our meetings, arranged that our meetings successfully take place on Zoom, made our meetings fun and interesting, worked on the election committee, worked with various committees and members to facilitate them in their tasks, and done many other tasks that I am failing to mention. Thank you, Michele. Take care, and please accept our thanks and well wishes.

By Jo Borucki



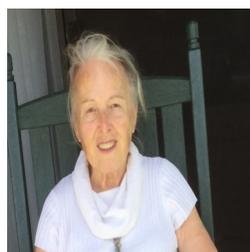
Goodbye 2020 Cartoons



2021 Board Members



Rick Kennedy



Jo Borucki



Paul Kidman



Michele Smith



Frank Mullaney



Jim Sugiyama



Stephen May



Dean Welder

President: Michele Smith
Vice President: Frank Mullaney
Secretary: Rick Kennedy
Treasurer: Jim Sugiyama
Editor: Jo Borucki
Federation Director: Stephen May
Alternate Federation Director: Paul Kidman
Parliamentarian: Dean Welder

Board Members at Large:
Jim Fox
Missy Fox
Alan Achor
Sonia Dyer
Calvin Hansen



Jim Fox



Missy Fox



Alan Achor



Sonia Dyer



Cal Hansen

2021 Volunteers

Bragging Rights – Alan Achor
Smithies – Pat Speece, Jim Sugiyama, Michele Smith
Rock Tumbling Study Group – David Mosher,
Donation Receiving Committee (DRC) – Pat Speece, Jim Sugiyama
Festival Committee – Jim and Missy Fox as co-chairs
Field Trips – Stephen May
Founder’s Day Picnic Chairperson – Stephen May
Hospitality – Pat and Louis Schuesler
Installation Dinner Committee – Rick Kennedy, Jim and Missy Fox
Librarian – Deb Runyan
Member Displays – Rick Kennedy
Public Lands Access (PLAC) – Stephen May
Refreshments – Michele Smith
Sunshine - Margo Mosher
Trophy Chair – Frank Mullaney

There are more opportunities available! Just let Pat Speece, Jim Sugiyama, Stephen May or Michele Smith know what you would like to do to help out. New ideas appreciated!

Sunshine

Our president, **Michele Smith**, fell and broke her arm. **June Harris** was in a car accident and is recovering from moderate injuries. We wish them both rapid healing.

To report someone needing sunshine, email **Margo Mosher-margomosher@yahoo.com**

Smithies and DRC

I hope that we can all dance a little jig and sing a little song soon.
I miss the Smithies and the rock sales.
We will reconvene ASAP!
Pat



A Word to the Wise Cartoon

**YOU COME FROM
DUST, YOU WILL
RETURN TO DUST.
THAT'S WHY I DON'T
DUST. IT COULD BE
SOMEONE I KNOW.**

Members' Displays (Show and Tell)

All members are asked to display at least one time per year, but you may display as many times as you like. There are no displays in meetings when Silent Auctions are scheduled. Usually, there are no displays in December because there is the installation dinner in lieu of our regular meeting. Because this year is unusual, with our December meeting held on Zoom, we had our Member Display feature. Email a photo of your display item to **Michele Smith** by the Sunday before the general meeting, so that she can display it on line for you during these times when our meetings are on Zoom. She will send out an email with details before the meeting.

Michele Smith's funny entry for the November meeting was cautionary, warning you about the temperature sensor in your dinnertime turkey. Though the picture below lacks the contrast to see the writing clearly, it warns us to be aware that the sensor might report us if we have broken the Covid-19 rules on social gatherings. **Ana Papadopoulos** showed off a mystery rock that turned out to be Halite. For our Installation Dinner meeting on December 8, **Noel and Deb Runyan** showed off two lovely pieces illustrating how they integrated gemstones with technology, using Turquoise and circuit boards.



Michele Smith's
Turkey Baster
Warning



Ana Papadopoulos's
Halite Sample



Deb and Noel Runyan's
Jewelry Using Turquoise and
Circuit Boards

Don't know what to display? Any type of rock, mineral, or fossil (identified or not), your latest project, information on a field trip, ideas for a display case, anything to do with rocks is appreciated. Sharing items helps to educate all who attend the meeting. Show off what you love, so that we can enjoy it with you.

Rick Kennedy– Chairperson

Installation Dinner Drawing Prize Winner

Deb Runyon won the drawing for a very nice specimen of **Selenite from the DRC**.



Bragging Rights

Missy Fox won the Bragging Rights contest for the **November 24th** meeting, where the entry category was Geodes and Thunder Eggs. There was only one entry, but it was a spectacular entry, of a **Multichambered Thunderegg**.



Lynn Toschi won the Bragging Rights for **December**, where the category was something red, green, or both red and green. Lynn's beautiful entry, a **one hundred carat opal with gorgeous red and green fire** is from the **Bonanza Mine**.



The other five entries were a wreath of red and green Sapphires and Garnets by **Jo Borucki**, polished Malachite on an unknown mineral by **Deb and Noel Runyan**, green Fluorite Crystals by **Jim Fox**, Malachite by **Michele Smith**, and Red /Green Fossilized Wood by **Dean Welder**.



The category for the next general meeting on **January 26** is **an item beginning with the letter "C"**.. Please submit a photo of your entry to Alan Achor at kayakb@sbcglobal.net by **Sunday, January 24**.

Alan Achor-Bragging Rights Chairperson

Sonia Dyer Visits Museo Geominero

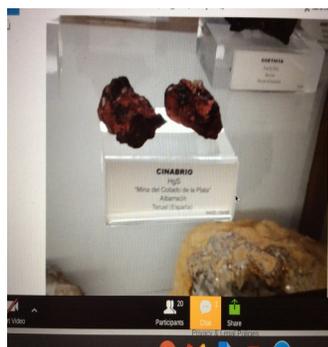
Our program for our **November 24** meeting was a presentation by **Sonia Dyer** on her visit to the Museo Geominero in Madrid, Spain. She showed us many interesting pictures that she had taken, not only of the fossils, rocks, and minerals in the museum, but also of the beautiful 1920s architecture of the museum itself, including colorful stained glass windows. She discussed the Almaden Mercury Mine, the oldest continuously active mine in the world. The Almaden Mine is about 310 kilometers from Madrid. The museum has some of the Cinnabar and Mercury specimens from the mine. These were of special interest because the New Almaden Mine, named after the mine in Spain, is very near us, located south of San Jose. It was the oldest and most productive mercury mine in the United States, but it is now part of Almaden Quicksilver County Park. The park is worth a visit with its hiking trails and its museum.



Ground Floor is
Fossil Displays



Fossil at Museo
Geominero



Cinnabar



One of the Stained
Glass Windows

Almaden Quicksilver County Park

By Jo Borucki

Almaden Quicksilver County Park does not hold much promise as a destination for rockhounding, but it promises much interest and enjoyment for the rockhound, history buff, hiking enthusiast, and for others as well. Bill and I have been there many times. At first we visited in hopes of finding Cinnabar or Garnets, because we read that both were found. To locate Garnets, Bill attached N52 magnets to long poles so that we could drag the ground as we hiked. This is because transparent garnets contain higher concentrations of paramagnetic iron or manganese than any other transparent gemstone. We did not find any garnets, but we discovered that the park had much to offer, and that's because of its history.

It was through the Ohlone Indians that Andres Castellero, a Mexican military captain found out about the location of Cinnabar. The Ohlone Indians had used it as body paint and in trading. Castellero filed a mining claim with the Mexican government in 1845, but owned it only for a year before the Barron, Forbes Company obtained his shares and named the mines New Almaden. Shortly thereafter in 1863, the Quicksilver Mining Company took it over and mining began in earnest.

These were the years of the California Gold Rush, and the Mercury from the mine was the leading reduction agent necessary to extract the gold from the soil and sediments because gold and mercury combine to form an amalgam, and then the gold is separated from the mercury by vaporizing the mercury. The mercury from the mine was so important that the most valuable mine of the time was this mercury mine. It yielded over \$70,000,000 in Quicksilver, an amount of money greater than that produced by any of the California goldmines.

The mine operated from about 1864 until 1912 when the Quicksilver Mining Company declared bankruptcy. During its years in operation, there were separate settlements where Mexican and English miners lived, but today only the English settlement building remains. A large palatial building also remains and houses the Almaden Quicksilver Mining Museum today, well worth a visit. The building called Casa Grande originally, housed the mine's general manager and some of the managing offices. The park offers much with its museum where you can visit and learn some history of mercury mining and its connection to the gold rush. You can also enjoy its 37 miles of trails, view the remnants of the historic mining structures and the cabins from the English settlement, and walk the old cemetery to read the poignant old tombstones.

While the mine was called the New Almaden Quicksilver Mine, it was Cinnabar that was mined, and then the Mercury (Quicksilver) was refined from the Cinnabar. As I read and researched, I became confused with the terms metals, minerals, and elements so I continued to read various sources, and this is my understanding of the terms. Mercury is an element extracted from Cinnabar ore by crushing the ore and heating it to release the mercury. Mercury is also a metal, the only metal to remain as a liquid at room temperature. Most elements are metals with some exceptions being Hydrogen, Carbon, Nitrogen, Oxygen, Phosphorus, Sulfur, and Selenium. Cinnabar is a mercury sulfide mineral. A mineral is a naturally occurring inorganic element or compound having an orderly structure and characteristic composition, crystal form, and physical properties.

As I read, it brought me though to the story of Cinnabar and Mercury and to a further controversy. Some sources say that Cinnabar is among the deadliest of the poisonous minerals, and some sources say it is harmless. Certainly, as red crystals, it is beautiful. Yes, there is no question that mercury is poisonous, and while Mercurochrome which contains Mercury was once used as medicine on wounds, mercury thermometers were used in taking our temperatures when we were ill, and liquid mercury could sometimes be viewed as a harmless curiosity, it is no longer. It is still used in scientific research, amalgam for dental fillings, and in fluorescent lighting.

I have only scratched the surface on describing the Almaden Quicksilver County Parks history as a mine and then as a park. This article rambles through a variety of topics, all begun as I thought about Almaden Quicksilver County Park, how Bill and I have enjoyed it and then in how I would discuss it in this article. There is a lot to think about, history, enjoyment of the park itself, and learning about its mineral, Cinnabar and the element and metal called Mercury.



Inhibiting Corrosion on Metallic Stones and Artwork

By Noel H. Runyan

Dec. 16, 2020

Many artists and rock hounds have tried to inhibit corrosion or tarnishing of specimens by coating them with lacquer or acrylic paints. Unfortunately, most of these coatings may discolor with exposure, and their glossy appearance may be undesirable.

Preventing Corrosion with Benzotriazole (BTA)

As an alternative, BTA coatings are invisible, clear, do not discolor, and do not peel or flake off. According to the literature, BTA has been successfully used to inhibit corrosion on copper, copper alloys, zinc, nickel and iron.

I have had very good results using BTA on copper. A few years ago, after cleaning copper parts with Brasso, I was disappointed to find that they were significantly tarnished only six months later. So, I once again cleaned the pieces with steel wool, washed them with ammonia, followed by vinegar, followed by a baking powder solution to neutralize and finally a cleaning with isopropyl or ethyl alcohol solvents.

When dry, I dipped the copper parts in a solution of 1 gram of BTA dissolved in a half gallon of distilled water. After a few minutes, I gently wiped the surfaces dry with a soft cloth. The BTA has kept the copper completely tarnish free for a year and a half, so far. The BTA forms an extremely thin and clear, molecule-thick coating on the metal surface. For metal surfaces that will be subject to mechanical rubbing or wear, I have additionally coated some of the BTA-treated surfaces with an overcoat of Everbrite ProtectaClear.

Another alternative clear coating recommended by some artists is Inctalac, a lacquer for copper and brass that has some Benzotriazole already mixed in to discourage tarnish under the lacquer.

Protecting Meteorites

I found an interesting corrosion prevention treatment reported in an article, "Galvanic Cleaning of Meteorites" by Ray Pickard, of the Bathurst Observatory, Australia, in August 2005 (<http://www.meteoritemarket.com/Galvanic.pdf>). This interesting approach is similar to cleaning silverware by loosely wrapping a specimen in aluminum foil and immersing it in a solution of sodium carbonate (but not baking soda). This galvanic cleaning approach appears to work well on iron specimens that are exhibiting green weeping from ferric chloride.

Ammonia Treatment of Iron Stones

According to reports from some rock hounds, stones with green-weeping ferric chloride problems may have the ferric chloride deposits converted into iron oxide by treating the stones with ammonium hydroxide. This can work for some iron meteorites. It would be safest to try exposing the iron specimens to ammonia fumes first, before trying to directly soak them in liquid ammonium hydroxide.

Inhibiting Corrosion on Metallic Stones and Artwork continued

Sealing the Surface of Specimens

Some folks report successfully limiting meteorite corrosion by "sealing" the surface with oils or plastic coatings. I would encourage folks to consider using water glass (either sodium or potassium silicate) to seal or passivate meteorites, metallic stones, or metal artworks. Water glass will not discolor with age or exposure to sunlight.

Normally, when water glass is dip or brush coated on rocks or metal objects, it will seal the surface after it dries. However the silicate coating that results is in a form that is still fairly water soluble and is vulnerable to exposure to moisture.

If you have ever used water glass to glue stones together or onto dop sticks, you know that the glue can be soaked in water to soften it and break the bonding. To avoid this softening, you can force the water glass to dry in a polymerized form that stays hard and does not soften or dissolve when exposed to water.

To make the water glass dry in this more desirable polymerized form, you can add a mild acid catalyst such as a little citric acid. A variety of other household acids can be used as an alternative catalytic additive. You can mix a little acid into the water glass before coating the specimen, or paint the acid over the still-wet surface of a specimen that has already been coated in unadulterated water glass.

Stabilizing Stones with Water Glass

I'm also now doing some research and some experiments on the use of water glass to stabilize soft, porous or cracked stones. My literature searches show that some folks have found that water glass can be infused and polymerized in certain stones successfully. When I finish my experiments with water glass, I will be glad to share my findings in another newsletter article.



Rockhound of the Month

Jo Borucki was selected as rockhound of the month for **November** because of her work on our newsletter, "Breccia". She works hard to present information on a variety of subjects, often researching and writing articles herself.

Alan Achor is our rockhound of the month for the month of **December** for his excellent work in organizing, presenting, and determining from our voting who our Bragging Rights winner is from all the contest entries for the monthly general meeting.

SHOP SUGGESTIONS

Compiled by Bernice D. Schilling - San Fernando Valley Mineral and Gem Society, 1975

TUMBLING TIPS Operating a Rock Tumbler

Select rocks that will take a good polish. Use rocks nearly the same size and hardness. Use 1 cup (1/2 lb.) of the first run grit (80 or 220) to 2 pounds of rock. (Use 220 grit for beach rocks) Run until the corners of the rocks are smooth and all pits removed, from one to two weeks, depending on the condition of the rocks. Rocks broken up with a hammer will take longer to smooth up than water-worn pebbles. It is a good idea to use half the grit to start and add the other half later, after some of the mud has been poured off. Because the coarse grit will become broken down to a finer grind, this later addition seems to cut the rocks faster than using all the coarse grit at one time.

First run grit can be as coarse as 60 grit. Wash rocks well and put 1/2 cup of second run grit. This can vary from 220 to 320, depending on how well the rocks are cleared up in the first run. Tumble for four or five days. Wash rocks and the tumbler and put in cup of third run grit, 400 to 600 — along with a tablespoon of Tide and run for four days. Wash rocks and tumbler and put in 2 tablespoons of finely powdered pumice with a tablespoon of Tide and run for four days. Wash rocks and tumbler thoroughly. Add 1/2 cup of tin oxide and a tablespoon of Tide. Run until a good polish is obtained. This usually takes about three days, but do not take them out too soon.....Spit and Polish

Alternate Method for Tumbling Rocks, Two Steps Only

The barrel is filled properly, using 220 coarse grit and allowed to run steadily for 3 weeks. The grit will break down to a finer grade. The rocks are washed very thoroughly to remove all grit, clean tumbler carefully. Use the same amount of Polishing Powder as was used for the coarse grit tumbling. Tin Oxide is the best. Let run for 3 weeks steady. Wash in hot soapy water, after cleaning in cold water.....Alaska Pebble Pat

Another Method of Tumble Polishing called "No Wash"

Start with #80 grit, tumble one week. Don't empty the tumbler, but add five teaspoons of new grit to the mixture --using a three pound tumbler. Tumble another week. Follow this same procedure through the other grits #190, #320 & #600. Thoroughly wash the stones and the tumbler before putting in the pre-polish and final polishing powders. For a glossy finish, after washing out polishing powders, add three tablespoons of sugar, one level tablespoon of "All" or "Cascade" or any nonsudsing detergent. About ten drops of muriatic acid can be added. Let the tumbler stand open for a minute, then close the barrel and tumble for a week....Strata Gems

Other Tumbling Tips

It is possible to use SPARK PLUG GRITS for the FIRST CYCLE in your tumbler. They are efficient and cheap and do a very good job. They can be bought at any AUTO SUPPLY store.....The Agatizer

Polishing Sunstones In A Tumbler

Start with #60 or #80 grit, 1 tablespoon per pound of stones. Tumble 3 days. Check for size and shape. If desired tumble for a few more days and check again. Wash and clean stones and the tumbler. Put in the same amount of #220 grit and tumble 4 days. Be sure all edges are smooth. Wash and clean thoroughly. Put in #600 grit, 2 tablespoons per pound. Tumble for 1 week. Wash and clean thoroughly. Put in Tin Oxide, 4 tablespoons per pound. Tumble for 1 week and check for desired polish. If not satisfied run for another week. When desired polish is reached, wash and clean. Put in thick, creamy solution of non-detergent soap and burnish for 1 week. Wash and clean.....Pasadena Lapidary Society

Shop Suggestions Continued)

Further Tumbling Notes

1. Always keep the tumbler nearly full even if you have to add extra material, such as plastic foam, rubber bands or plastic pellets.
2. Silicon carbide grit gets used up in a week. Add more if you feel the rocks need more grinding.
3. Rounded rocks, such as Beach Pebbles, should be started with #220 grit rather than #80. The rougher grit makes the rocks rougher than the surf left them.
4. Grind off sharp edges to bluntness before starting to tumble.
5. Getting rid of used grit and sludge is easier if you let it stand in a bucket until it settles and then pour off the water. This can be done several times until it becomes moist "garbage" to be collected with the rest of the garbage, wrapped in several thicknesses of newspaper.
6. The most satisfactory polishing medium is still Tin Oxide. It is worth the price.....The Tumbler



Website Links

Your Window to the World of Important Websites
Click on the blue area of whatever site you want to visit!

Link to Our SCVGMS Website: <http://www.scvgms.org/>

Note: After you click on the above link, if you want to see the Breccia and other news items, scroll down and click on "Download", shown under the Newsletter option.

Link to CFMS Shows and Festivals: [CFMS Society/Club Shows](#)

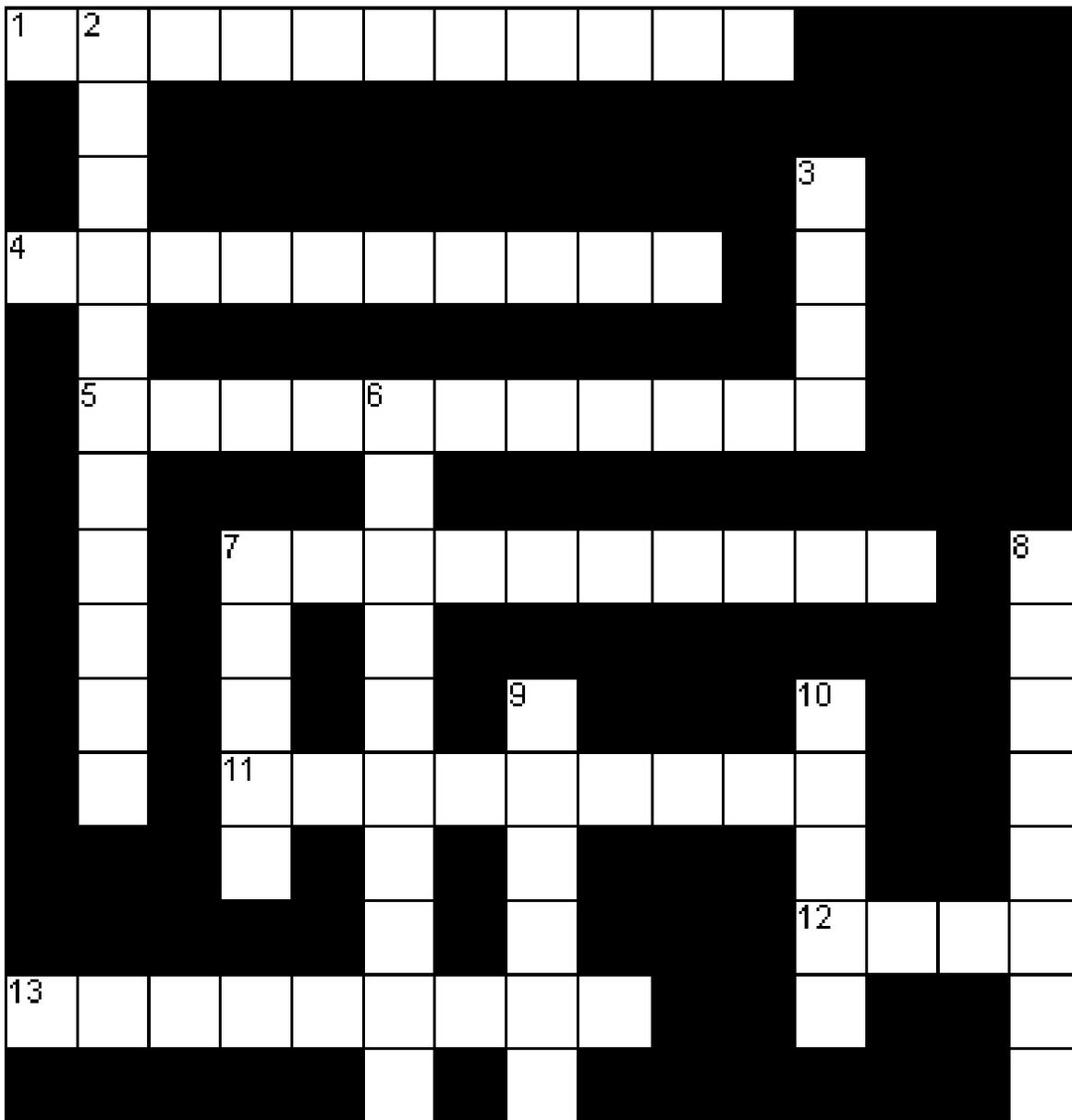
The American Federation of Mineralogical Societies: <http://www.amfed.org>

CFMS Bulletin: <http://www.cfmsinc.org/>

To access the news from the **American Lands Access Association:** www.amlands.org

A Crossword Puzzle of Minerals

The answers will be in the February Breccia.
From IGS-International Gem Society



Across	Down
1 Color change gem	2 Name means "blue rock"
4 Named for a big cat	3 Famous for Chinese carvings
5 Iridescent feldspar	6 Blue gem related to the sea
7 Some varieties of this gem resemble a melon	7 Yellow, orange or brown gem
11 Known for its green and orange coloring	8 Purple quartz
12 The premier red gemstone	9 Citrine is a variety of this common mineral
13 Popular but rare, purple and blue gemstone	10 Comes from a shell fish

November General Meeting Minutes November 24th, 2020

The November meeting of the Santa Clara Valley Gem and Mineral Society was called to order at 7:47 pm on the web application Zoom as the club continues to comply with the stay at home order.

Announcements: The SVCGMS virtual Installation Dinner will be held on Zoom on December 8th at 7:00 and the combined Board meetings will start on December 10th on Zoom at 7:30pm.

This is our election meeting, a bit different than in the past due to the pandemic. Instead of a silent auction, there will be a short presentation by Sonia Dyer.

New Members: No new members. If you want to join the club, one must attend at least two club meetings and have two sponsors from the club, it is easy to do!!

Board Meeting: Will be at on Zoom, immediately following the General Meeting.

Member Displays: By Rick Kennedy. Michele Smith showed off a joke that Frank had emailed some of us. Ana Papadopoulos showed off a mystery rock that turned out to be Halite.

Bragging Rights: This month's theme was "Geodes and Thundereggs". Missy Fox won for her multi-chambered Richardson Ranch Thunderegg. For the Installation Dinner there will be a Bragging Rights with the theme being "Red or Green"

Rockhound of the Month: Jo Borucki won for all of the work she does on our newsletter, the Breccia.

Field Trips: Stephen May will be heading to Glass Buttes and Hampton Buttes and will give a report at the Installation Dinner.

Study Groups:

Cabbers: In search of a new leader.

Smithies: The Smithies are not meeting right now in accordance with the stay at home order.

Hospitality: 24 members were in attendance.

ALAA: Nothing new.

DRC: There will be a sale when the stay at home order is lifted and when the club thinks is appropriate and safe.

Federation Report: Stephen May reported that the Zoom meeting went well and that the CFMS Dues have shrunk from \$8.00 to \$7.00 per member.

Correspondence: Rick Kennedy/Missy Fox reported that the club received the McDaniel's statement, Chase statement and the Underground Gold Miners newsletter.

Sunshine June Harris was in a car accident and is recovering from moderate injuries. Louis Schuesler is recovering well from his conditions.

Election: The slate of officers was presented and voted on, here is the new Board of Directors for the 2021 year:

President: Michele Smith

Vice President: Frank Mullaney

Secretary: Rick Kennedy

Treasurer: Jim Sugiyama

Editor: Jo Borucki

Federation Director: Stephen May

Alternative Federation Director: Paul Kidman

Parliamentarian: Dean Welder

At Large Board Members: Sonia Dyer, Jim Fox, Missy Fox, Cal Hansen

Program: Sonia Dyer shared slides she took last year while visiting a mineral museum in Madrid, Spain.
All Future Meetings: There will be a meet and greet with refreshments from 7:15 – 7:45 before our General Meeting, unless the stay at home order has us meeting online again.
December program: Installation Dinner, December 8th at 7:00. Order some food (Willow Street would be great), grab a beverage and enjoy!
Meeting was adjourned at 9:17 PM

Respectfully submitted, Rick Kennedy SCVGMS Secretary

November Board Meeting Minutes November 24th, 2020

The meeting was called to order at 9.18 PM via the Zoom application.

Roll Call: All board members were present except Billie Gordon.

Reading of the minutes from the October Board Meeting: M/S/P to postpone the reading of the minutes. (F. Mullaney, R. Kennedy).

New Members: No new members.

Correspondence: No new correspondence

Treasurer's Report: Presented by Missy Fox. Missy reported that our checking account currently has approximately \$19,000.00.

Programs: Stan Bogosian will be contacted about giving a presentation.

Meeting adjourned at 9:29 PM

Respectfully submitted,
Rick Kennedy
SCVGMS Secretary

December General Meeting Minutes December 8th, 2020

The December meeting of the Santa Clara Valley Gem and Mineral Society was called to order at 7:32 pm on the web application Zoom as the club continues to comply with the stay at home order.

Announcements: Welcome to the SVCGMS virtual Installation Dinner! We wish everyone a happy and safe holiday season!

New Members: No new members. If you want to join the club, one must attend at least two club meetings and have two sponsors from the club, it is easy to do!!

Board Meeting: Will be at on Zoom, December 10th at 7:30.

Member Displays: By Rick Kennedy.

Noel and Deb Runyan showed off another piece showing how they integrated gemstones with technology, using Turquoise and a circuit board.

December General Meeting Minutes Continued

Bragging Rights: Red and green. There were six entries, the winner being Lynn Toschi's 100 carat Bonanza opal with great red and green fire. January's theme will be the letter "C".

Rockhound of the Month: Alan Achor for all his work on "Bragging Rights".

Field Trips: Stephen May reported on his trip to Hampton Buttes.

Study Groups:

Cabbers: In search of a new leader.

Smithies: The Smithies are not meeting right now in accordance with the stay at home order.

Hospitality: 20 members were in attendance.

Correspondence: Rick Kennedy reported no correspondence, he will check our PO Box in time for the Board Meeting.

Sunshine No report

Installation: The following officers were sworn in by Frank Mullaney:

President: Michele Smith

Vice President: Frank Mullaney

Secretary: Rick Kennedy

Treasurer: Jim Sugiyama

Editor: Jo Borucki

Federation Director: Stephen May

Alternative Federation Director: Paul Kidman

Parliamentarian: Dean Welder

At Large Board Members: Sonia Dyer, Jim Fox, Missy Fox, Cal Hansen

Drawing: Deb Runyon won the drawing for a very nice specimen of Selenite from the DRC.

Meeting was adjourned at 8:15 PM

Respectfully submitted, Rick Kennedy SCVGMS Secretary

Board Meeting Minutes December 10th, 2020

The meeting was called to order at 7:33 PM via the Zoom application so that the Board could be in compliance with the governor's stay at home order.

Roll Call: All board members were present except Sonia Dyer, Billie Gordon, Stephen May, Jim Fox and Missy Fox.

Reading of the minutes from the October 29th Board Meeting: M/S/P to approve the minutes as read (D. Welder, F. Mullaney).

Reading of the minutes from the November 46th Board Meeting: M/S/P to approve the minutes as read (F. Mullaney, J. Borucki).

New Members: No new members.

Correspondence: No new correspondence.

Treasurer's Report: No report

December Board Meeting Minutes Continued

Committee Reports:

Federation: No report.

Field Trips: No report

Festival 2021: Looking at third weekend in September to reschedule our festival.

Old Business:

Installation Dinner: Rick Kennedy reported that the dinner was enjoyed by all who “Zoomed”.

Meeting Adjourned at 7:48 pm

Meeting reconvened with the new Board at 7:49 PM

Roll Call: All board members were present except Sonia Dyer and Stephen May.

New Business:

Approval of meeting dates and reservations for the Cabana Club: M/S/P to reserve the Cabana club for the fourth Tuesday of every month except December (as allowed by the governor’s stay at home order) for general meetings and December 7th for the Installation Dinner (J. Borucki, F. Mullaney).

Setting the Calendar for Social Events: M/S/P to have ice cream socials at the first meeting we can meet in person and another later in the year (D. Welder, R. Kennedy).

Board Meetings: Due to the stay at home order, Board Meetings will continue to be on Zoom for the near future. As we have found this a convenient way to run meetings, there is likely to be a discussion about continuing board meetings on Zoom in the future.

Swingers and bars and triangles for Board, Committees, Rockhound of the Month, etc.: M/S/P to order any of the above as needed. (F. Mullaney, R. Kennedy).

Directory Printing: M/S/P to order 100 directories (R. Kennedy, F. Mullaney).

Program Schedule: To be announced. Several of the Board members are looking into possible future programs.

ALAA: M/S/P to authorize the treasurer to pay the 2021 ALAA dues in December, 2020 (F. Mullaney, R. Kennedy).

Committee Chairs: Michele Smith will be filling open positions.

Santa Clara County Fair Interactive Display: There was discussion about what our involvement might be in the County Fair, assuming it is not canceled due to the Covid-19 pandemic.

Audit Committee: Michele Smith will solicit volunteers to be on the Audit Committee at the January General Meeting

Founder’s Day Picnic: Stephen May will chair, assuming that it will not be canceled due to the pandemic.

CD: M/S/P to roll over our CD for six months when it matures in January (R. Kennedy, D. Welder).

Chase Bank Signatures: The first week of January, Rick Kennedy will call Chase and make the necessary arrangements to have Frank Mullaney and Jim Sugiyama added to the signature sheet and have Billie Gordon and Missy Fox removed.

Meeting adjourned at 8:31 PM

Respectfully submitted, Rick Kennedy, SCVGMS Secretary

Santa Clara Valley Gem and Mineral Society

SCVGMS ELECTED OFFICERS

President: Michele Smith	(408)374-1897
Vice President: Frank Mullaney	(408)691-2656
Secretary: Rick Kennedy	(408)529-9690
Treasurer: Missy Fox	(408)356-7711
Editor: Jo Borucki	(408)245-2881
Federation Director: Stephen May	(669)248-3993
Alternate Fed. Director:	
Paul Kidman	(408)356-4995
Board Members at Large	
Jim Fox	(408)356-7711
Missy Fox	(408)356-7711
Sonia Dyer	(408)629-5735
Alan Achor	(408)749-0771
Cal Hansen	(408)394-4642
Parliamentarian: Dean Welder	(408)353-2675

SCVGMS COMMITTEE HEADS

Bragging Rights Chair: Alan Achor
Donation Receiving Committee Chairs:
 Michele Smith and Jim Sugiyama
Festival Chairpersons 2021: Jim and Missy Fox
Field Trip Coordinator: Stephen May
Founder's Day Picnic Chairman: Stephen May
Founder's Day Raffle: TBD
Founder's Day Bingo: TBD
Hospitality: Pat and Louis Schuesler
Installation Dinner: Rick Kennedy, Jim and Missy Fox
Member Displays: Rick Kennedy
Refreshments: TBD
Silent Auction: TBD
Sunshine: Margo Mosher
Trophies: Frank Mullaney
Librarian: Deb Runyan
Webmaster: TBD

Note: Some of these committee heads may change. Michele Smith and Stephen May are working to fill all positions.

P.O. Box 54, San Jose, CA 95103-0054

Website: www.scvgms.org

Email: info@scvgms.org

Phone Number (408) 265-1422

Like us on Facebook:

<http://www.facebook.com/santaclaravalleygemandmineralsociety>

An Invitation

This society is pleased to invite guests to attend general meetings, study groups, and field trips. General meetings are normally held the fourth Tuesday of every month with meet and greet time beginning at 7:15 followed by the meeting at 7:45 PM at 100 Belwood Gateway (the Cabana Club), Los Gatos, CA 95032. Belwood Gateway is just south of Blossom Hill Road between Leigh Avenue and Harwood Road.

The next **General Meeting** is scheduled for **January 26 at 7:45**, and the **Board Meeting** is scheduled for **January 28 at 7:30**. Both will be held using **Zoom**.

Our Society's Purpose: The inculcation of a love of rocks and minerals by the furtherance of members' interests in the earth sciences and by education in all facets of related educational activities with the promotion of good fellowship, proper ethics, and conduct.

Our Membership Requirements: Attendance at two general meetings within twelve months. This society is a member of the California Federation of Mineralogical Societies (CFMS) and is affiliated with the American Federation of Mineralogical Societies (AFMS). Dues per year are \$5.00 for Junior, \$20.00 for an individual, and \$30.00 for the household.

Our Newsletter, the Breccia, is published ten times annually. **The deadline for all articles is the Sunday after the general meeting.** The Breccia editor is Jo Borucki who may be contacted by email at joborucki@yahoo.com or by phone at (408)245-2881. Leave a message if no one picks up the phone. The Breccia is proofread by Pat Speece. Exchange bulletins may be sent to Jo Borucki, 1196 Sesame Drive, Sunnyvale, CA 94087. Permission to copy is freely granted to American Federation of Mineralogical Societies (AFMS) affiliated clubs when proper credit is given.

Study Group Leaders

For information, please contact the leader listed below.

Smithies: Pat Speece 408- 266-4327 pat.speece@comcast.net

Cabbers: We need a leader. Can it be you?

Rock Tumbling Study Group: David Mosher