



San Diego Mineral & Gem Society  
A Non-Profit Educational and Scientific Organization

# THE PEGMATITE

June 2022

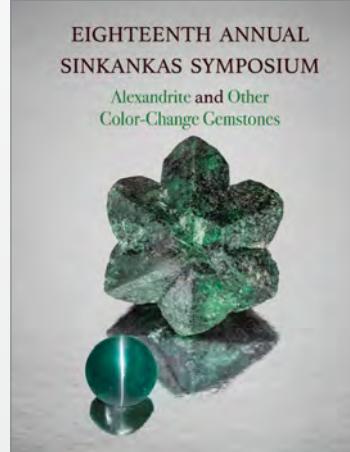


## SAN DIEGO COUNTY FAIR GEMS & MINERALS DEPT.

June 8 – July 4, 2022

We're looking for volunteers  
for sandbox duty and demonstrating

*details on pg. 10*



Last day to register – June 5  
Last day for on-demand lectures  
and ordering printed volumes  
extended to June 13  
*details pg. 11*

Official bulletin of the San Diego Mineral and Gem Society

**Affiliations:** California Federation of Mineralogical Societies  
American Federation of Mineralogical Societies  
American Lands Access Association

**Sister Club:** Kingston Lapidary, Hull, England

**Publication:** *The Pegmatite* is published monthly (except July and August).

**Submission Deadline:** 3rd Tuesday of the month preceding next month's publication, unless otherwise indicated.

**Membership:** Anyone with an interest in minerals, fossils, lapidary, gems, or hand-crafted jewelry may join the Society.  
Contact: [membership@sdmg.org](mailto:membership@sdmg.org)

**Liability:** The San Diego Mineral & Gem Society is not and cannot be held responsible and liable for personal injuries, for damage or loss of property at any meetings, field trips, classes, shows, or any event sponsored or recommended herein.

**Copyright:** ©2022 San Diego Mineral and Gem Society  
Non-commercial reprint permission given, unless otherwise noted, provided proper credit is given.

**Street Address:** 1770 Village Place  
San Diego, CA 92101-1651

**Mailing Address:** P.O. Box 710783  
(membership apps) Santee, CA 92072  
attn: Angela Cannon

**Phone:** 619-239-8812

**Website:** <https://sdmg.org>

**Editor:** Lisbet Thoresen, [editor@sdmg.org](mailto:editor@sdmg.org)

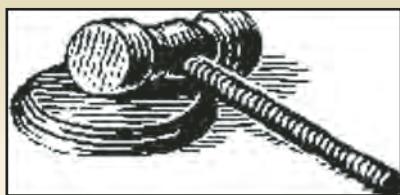
**Layout, Advertising:** [info@sdmg.org](mailto:info@sdmg.org)

**General Information:** [admin@sdmg.org](mailto:admin@sdmg.org)

**Change of Address:** [membership@sdmg.org](mailto:membership@sdmg.org)

**Exchange bulletins:** Send to: [editor@sdmg.org](mailto:editor@sdmg.org)

The mission of the San Diego Mineral and Gem Society is to disseminate knowledge of mineralogy and earth sciences; to encourage the study of these subjects; to conduct classes in mineralogy and lapidary arts; to conduct field trips for the collection and study of specimens; to encourage interest in mineralogy and lapidary arts among young people; and to procure and maintain a collection related to the earth sciences and lapidary arts.



## PRESIDENT'S MESSAGE

June 2022

by *Dave Smith*

[president@sdmg.org](mailto:president@sdmg.org)

JUNE IS THE FINAL MONTH of our operational calendar. Although our usual special events were canceled for a variety of reasons, we did have positive accomplishments to offset these setbacks. We reopened the shops for our membership in July 2021. After the lifting of the County health restrictions, our members returned to their preferred classes or moved on to learn new skills.

Our \$1000 scholarships were awarded to two worthy recipients. The **William Tirk Scholarship** was awarded to **Mr. Justin Smith**. The **Carmelita and Bern Swarts Scholarship** was presented to **Hannah Carney**, who provided our April General Meeting with a short presentation of her masters thesis on watershed science.

Since some of our canceled special events also provided revenues to help keep the lights on and maintain our shops, Cab & Slab events have helped cover our expenses. The **Third Annual Cab & Slab Sale** was held on November 7, 2021, and it was a bigger success than last year's Cab & Slab. We are blessed to have the people who put in the time and effort to make this event possible. Let me acknowledge the primary movers who made it a success: **Anne Shafer, Wayne Moorehead, Wayne and Peggy Leibitzke, Mike Harlow, and Bonni Zeranski**.

The **Juniors** made two visits to the **Oceanview Mine** this past membership year, one on July 1, 2021, and another on April 24, 2022. As the Juniors' instructor, I am amazed at times how much young people enjoy making their own cabochons. These youngsters are the future for our club and in a larger way, our society in general. See the review of our recent visit to the Oceanview Mine on pg. 4. Thanks to **Jeff Swanger**, the mine owner, for hosting the **Junior Division** and

providing a memorable experience. Thanks also to **Paul Williams** for helping out with the lunch and KP duty.

I am hoping more Juniors decide to help with the **San Diego County Fair** this summer. Our own **Anne Schafer** and **Jennifer Stapp** coordinate the exhibits at the Gems and Mineral Department, and they're looking for volunteer demonstrators and help with the digging for treasure sandbox, which always bring smiles to the faces of young children who visit the exhibit hall. See pg. 10 for details.

The vote for our 2022–2024 slate of officers and board members will occur at this month's **General Meeting** on June 27, 2022. See the slate on pg. 21. Thanks to **LuAnn Benton**, who chaired the Nominating Committee. There were no alternate candidates offering to stand for election; therefore, the slate listed in this issue of *The Pegmatite* is complete. All members in good standing and in attendance at the General Meeting will be asked to vote.

Lastly, I wish to thank the SDMG volunteers, who are the unsung heroes responsible for stepping up and doing the things for which they often go unrecognized but are indispensable to our Society. They include all the instructors who teach classes, the members who repair and maintain equipment, our record keeper and bookkeeper, our membership secretary, our society historian and friendship chair, the committee chairs for the various events planned every year, and the members who liaise with the city to facilitate our permits and help preserve SDMG's operational efficiency in Spanish Village. It truly takes a village.



## SDMG General Meeting

Monday, June 27, 2022

7pm SDMG bldg.

Public Welcome!

*Dave Smith, SDMG President*

OUR SPEAKER WILL BE CHUCK HOUSER, who will make a presentation on the mineral **Calcite**. Houser is a registered Professional Geologist (PG), Certified Engineering Geologist (CEG), and a State of California Certified Hydrogeologist (CHg). He has worked in the earth science industry for more than 30 years. His experience includes environmental site assessments, groundwater monitoring, fault and landslide investigations, groundwater resource studies, geological mapping and geotechnical investigations. Mr. Houser is Past President of the San Diego Association of Geologists and currently is Senior Project Geologist at SCS Engineers of San Diego. He graduated from San Diego State University with a Bachelor and Masters of Science in Geological Sciences. Mr. Houser is a gem mineral collector, flyfisherman, and an avid devotee of solar eclipse events. He may share his collection, if time permits.



Chuck Houser



Calcite cabinet specimen (13.3 x 6.0 x 5.5 cm) from Chula Vista, San Diego County, California, Ex. Chuck Houser coll. This An urban mineral specimen is from a suburb of southern San Diego County located south of the airport. Photo courtesy of Robert M. Lavinsky, Wikimedia CC-BY-SA-3.0.



Cal Graeber talking about gem mines of San Diego County at the General Meeting in May. Photo: Jim Parrish.

We had a great turnout at the May meeting. Our speaker last month was **Cal Graeber**, lifetime honorary member of **SDMG**, who presented the history of the gem mines in San Diego County. His presentation included the historical locations of famous pegmatite findings, historic photographs of mines and tourmaline minerals that eventually found their way into the collection of the Smithsonian Institution.

Please bring something to share at the General Meeting. Coffee, tea and punch will be provided. We will start at 7:00 pm and complete preliminary business. We then will hold the door prize drawing and then listen to our speaker, Mr. Chuck Houser.

Please plan on attending our last meeting before our summer hiatus, we look forward to seeing you!



## JUNIOR DIVISION

*Coordinated by  
Dave Smith*

THE MORNING of Sunday, April 24th was clear, and the traffic was very light to Pala. At the **Oceanview Mine** access road, you need to drive carefully to avoid the soft patches of dirt. At the entrance, mine owner **Jeff Swanger** was checking in the customers and collecting their waiver forms. An estimate of our group's attendance was provided in advance, but I let Jeff know that we might exceed that number. We agreed that the **Juniors** would check-in with the mine supervisor, and she would assign screens for us to use.

While others arrived, I unloaded my coolers and a case of water. We were assigned a group of tables along the east-southeast portion of the open circle of tubs and screens. At about 10:15 am, our supervisor had us gather around and listen to a review of procedures, and her helper stepped to the dirt pile with a pail and spade to demonstrate the proper pail collecting technique. You are to kneel facing the pile with the pail held between you knees as you scoop downward with your small shovel and then proceed to your designated screens (large mesh on top of fine mesh below). The pail is emptied into the large mesh and any large rocks not worth washing to remove dust are pitched over the side. If nothing is found in the large mesh screen, you empty the screen and set it aside. Lift the small mesh screen into the tub of water. You're looking for crystals or interesting stones. The Oceanview Mine is famous for pink and green tourmaline, kunzite, and beryls, especially aquamarine and morganite.

After an hour and a half of no luck screening buckets, I asked **Paul Williams**, our Junior Division assistant and my table partner, if we might start preparing the barbecue for the hamburgers and sausages that we were serving for lunch. I advised our group about the food being cooked and invited them to come over in 30 to 45 minutes or so. The picnic area began to fill up and the sun was getting more intense. As people came by, Paul would take their order and their paper plates were shortly filled with a cheeseburger or an Italian sausage and a bun. There was chicken salad, strawberries, chips, and mandarin oranges. There was ice cold water in bottles and some iced coffee in bottles.



Aria and Barcel with their dad screening their buckets. at the Oceanview Mine during the Juniors field trip on April 24, 2022. Photo: Dave Smith.



Kensington (no.17) at the lunchtime break with Barcel, Kaila, and Cheyenne (blond). Photo: Dave Smith.

While screening again, the supervisor stopped by to offer the mine cart tour of the higher area of the mine known as the **Pala Chief**. Jeff Swanger purchased it because it is connected to his mine. I usually forgo this tour, but since I wasn't finding anything and was curious about the Pala Chief, what the heck, I joined the tour. We climbed into a small four-wheel contraption that you might see clowns ride in a circus parade. We had two passengers up front and three in the back, with a child in the middle. We rode up steep dirt roads with deep canyons along the right side as our driver nimbly pointed to various points of interests: an old mine opening that is not used anymore; a view of the "three sisters," which is a tight group of three white peaks across the canyon in a northwesterly direction. We checked out some old mining equipment from the early 20th century. We found our road blocked by a cart used by a couple digging on the Pala Chief grounds, so our driver took a detour and we ended up back at the Oceanview Mine dig.

**Bill Brisebois**, one of SDMG's faceting instructors, came up to me and offered a tour inside the Pala Chief. I gladly accepted, and we headed back up the dirt road in a 4WD SUV with a hairless chihuahua sitting on the center console. This critter had outstanding balance and didn't flinch once on the numerous bumps Bill encountered. We parked near a triangular opening with air ducts protruding on the left side. I was given a hard hat with a high intensity light on the front and told to be careful where I stepped. Some of the ground may still be unfilled from trial digs for a pocket of material. The rough-hewn walls and ceiling seemed solid enough, and the air was fresh. We had entered the mine and walked about 20 to 25 feet, when we came to another opening on the left. We climbed a lightly steep path to a flat area with two people sitting and sorting on the ground. One of the people was **Lisa Koontz**, sister to Jeff Swanger and Bill's good friend. The other person was **Tim Sandiford**, another faceting instructor at SDMG. I was told they were doing what our group was



Emma on her way to the screening table. Photo: Dave Smith.



Old mining pumps. Photo: Dave Smith.

doing at the Oceanview Mine, which was searching for rough gems on the ground.

Bill pointed an area along a wall that had a streak of clay, which was an indicator of a possible pocket or pegmatite. Bill and I moved back to the main path and looked at some older diggings with a opening to the outside. This may have been a safety exit in case of emergency or an old entry way that was connected by the current opening. We returned to the SUV and collected the dog for the return trip to Oceanview. By the time I returned, the number of customers had dropped off considerably. I decided to dig one last pail but had the same result – nothing. The call for last bucket was made, and I decided to get the picnic table cleared of any the bottled water, plates, cutlery, and leftover food. With my goods loaded up, I offered to help Paul with his cooler, but he declined and decided to drive up closer and then load it.

I drove down the mountain towards the orange fields that surround the Oceanview Mine access road and onward to the city. If my finds were disappointing, the day was not. It was great to be out at the Oceanview where Jeff hosts the Juniors almost every year. It's a nice opportunity to be together doing something we all love. Thank you so much, Jeff, for another wonderful, memorable experience at the Oceanview Mine.

## Friendship, and Who & What's News

by LuAnn H. Benton, Friendship Chair

**Attention all students and instructors:** Jackie Leverone is taking over responsibility for the SDMG museum student display case. She would like to borrow your artwork to share with the public to show the variety of pieces created here in the SDMG workshops. The display will change every three months. Contact Jackie Leverone (SDMG Advanced Metals Instructor) at 619-384-6601.

◇◇◇◇◇◇◇◇◇◇◇◇◇◇

**Nancy Brescia** has been waiting ever since surgery to start radiation treatments. She just texted me that she found a last-minute appointment spot and was to start treatment on May 19th. She said, “please share the news and wish me luck.”

Nancy, you have everyone's love and support. GOOD LUCK and stay positive! Your SDMG Family.

◇◇◇◇◇◇◇◇◇◇◇◇◇◇

**FRIENDSHIP, and WHO & WHAT'S NEWS** Contact **LuAnn** at [friendship@sdmg.org](mailto:friendship@sdmg.org) to add information to *The Pegmatite*. You can also leave notes to me in the casting room in the Friendship mailbox. Please submit information with your name and email by the 10th of the month for entry into the next month's bulletin. Your input is valued and appreciated!



**LuAnn H. Benton**  
San Diego Mineral & Gem Society

Would you like your name on a **SDMG BADGE** to wear at meetings or other activities? Order by contacting **Angela Cannon**, the Badge Chairman at: [membership@sdmg.org](mailto:membership@sdmg.org).

The price per badge with a standard magnetic holder is \$14.00 plus \$7.95 tax & shipping.

A badge with the pin back is \$13.00. If you have a pacemaker, please order the pin back.

The badge measures 1" x 3". It has a light color (white, off white, or tan) with black lettering (see sample above).

If five or more badges are ordered, the cost is \$14.50 per badge (magnetic or pin back) and shipping is free.

## Highland Park Lapidary Co.

512-348-8528 | [info@hplapidary.com](mailto:info@hplapidary.com)

machines • parts • accessories • rough rocks

Website:

<https://www.hplapidary.com/>

Youtube channel:

<https://www.youtube.com/c/HighlandParkLapidary>

Links to past webinar sessions:

<https://bit.ly/hplapidary-webinar>

## In Memoriam Andy Anderson (1944–2022)

by LuAnn Benton, SDMG Historian & Friendship Chair

**A**NDY ANDERSON was born January 23, 1944, in Jefferson City, Missouri, and died on April 19, 2022. He was the third of four children, between an older sister and two brothers. His dad had a construction company and the family moved around a lot while they were growing up. At the age of 16, Andy left home and moved to California, working on cars until he was old enough to join the military. He joined the army and served a single tour in Vietnam from 1966 to 1967 as an air traffic controller on a base in the middle of the jungle. With the amount of fighting going on, there were many, many deaths, and due to a shortage of personnel he was put on an antiaircraft gun to shoot down the enemy.

He also had to load the dead bodies of American soldiers on planes for burial in the states. By seeing and moving all these bodies, Andy suffered PTSD. All his life he suffered nightmares and didn't get the help he needed until he was about 50 years old. At some point, he was put on medication which helped with his nightmares and allowed him to function better in life.

In the 1960s, in his 20s, Andy married twice, both ending in divorce. He traveled to many European countries and also Morocco. He spent six months hiking the Swiss Alps and one year picking grapes in France. In 1979–1980, Andy owned a successful million-dollar courier business in Texas but lost it due to the 1980–81 recession. During this period of time, Andy stayed physically fit and placed competitively in several triathlons. Andy did what he had to do to make ends meet, so he worked in bakeries in Austin, Texas, in a bike shop, and on cars into his 50s. In 1984, he met Natalie, and they became common law husband and wife. At the age of 45, Andy celebrated the birth of his son, Dylan.

They moved to New Orleans in 1994, and Andy attended the University of New Orleans for three and a half years studying computer-aided design (CAD), but he never finished his studies to earn a degree. After being together 11 years, from 1984–1995, Andy and Natalie separated. Hurricane Katrina hit New Orleans in August 2005, destroying everything in its path and more. New Orleans and many people's lives



Andy on a trip he took with his son Dylan, Valle de Guadalupe, Mexico, July 2020. Photo: Dylan Hutzler.

were completely devastated. Dylan was 15 at the time, so Andy stayed in New Orleans until Dylan turned 16.

Dylan at the age of 15 to 16 enjoyed painting but eventually found himself interested in photography and web design. When it was time for Dylan to enter college, Andy and Dylan traveled all over the country, looking at many colleges and towns where both could live and pursue their lives together. Unfortunately, each wanted to live in different parts of the country for different reasons. Dylan went to art school in Savannah, Georgia, while Andy moved to California to get better health benefits through the VA than he could in Georgia. Andy was finally able to get disability at the age of 56. Dylan found he really enjoyed creative writing and wrote a book by the age of 22, and at the age of 23, he received his Master of Arts degree in English Education. He has been teaching for nine years at a high school in New Orleans, where he continues to live.

Dylan said, "Andy was an avid rock and gem enthusiast, gemologist, and jewelry maker in his senior years." He joined San Diego Mineral & Gem Society in 2007 and three years later started teaching beginning cabochon classes. In 2012, he was my introduction to SDMG as my very first cabochon instructor – someone



Andy Anderson in the classroom during the December Nights Open House, December 2015.

I'll always look back upon with a great skill and a good heart for people. Another previous cab student of Andy's who now teaches the same class said, "Andy taught me to cut cabs. He was gifted and could get anything to a high polish. After he quit teaching, he'd sometimes come to my class. I always appreciated having his expert opinion. I just had to coach him on not flirting too much with the ladies."

Beginning in May 2013, Andy regularly showed up as a guest at the monthly board meetings for a full year before he became an official board member in September 2014. He served each year until this year. As a board member, some of the things Andy became involved in included volunteering to round up donated faceted gemstones for the "Special Drawing" to be held at the next year's Banquet, overseeing the refreshment table for the General Meetings each month, from Sept 2016 through June 2017, volunteering to cook a ham for the Christmas Potluck, serving a two-year term as Librarian, and serving on the Museum Improvement Committee. Andy recently served on the SDMG Nominating Committee for the 2022–2024 term as well as the School Management Committee to rewrite the School Director's duties. He had already agreed to continue serving on the Board for the next two-year term and was prepared to take on the Building Superintendant position. Andy's comment when I asked him if he would take on this job was, "I'll do anything to help the club."

While continuing to serve on the Board, Andy started teaching a beginning metal fabrication class in March 2015, focusing on a hollow form piece. He eventually added an intermediate metal fabrication class and then an advanced metals class. Andy stopped teaching altogether around September 2017 but continued serving on the Board of Directors. Andy also reached out to the community by opening a jewelry making studio with full equipment for cabbing and silversmithing. His first one was in El Cajon for three years. A while later he opened another studio in San Diego for two years. He closed this last studio four years ago, because the equipment was getting to be too heavy to move around.

During these years of jewelry making, SDMG member Denny Turner and Andy's son Dylan agreed that Andy was a world-class softball player up until recent years. He was a catcher for teams that won several state and national-level games in the 62+ San Diego Adult Softball League. He didn't stop until his knees couldn't handle the crouching anymore.

In the last four years of his life, Andy found a new interest in photography and made a lot of new



Andy at Terlingua, Texas, July 2020. Photo: Dylan Hutzler.



Andy at Playa de San Antonio near San Quentin, Mexico, July 2020. Photo: Dylan Hutzler.

friends in the bohemian community of Ocean Beach, California. He loved traveling and taking pictures of the beautiful things around him. On April 9th, 2022, Andy started his planned trip to Montana to take pictures, when he realized he needed medical help. He had driven as far as Menifee before he called 911 for assistance. Unfortunately, his condition worsened



Dylan and dad Andy in San Diego, December 2017. Photo: Dylan Hutzler.

by the time he arrived at the hospital. He had to be put into a medically induced coma and placed on a ventilator to help him breathe. Andy's lungs had been scarred from smoking for 27 years, from age 14 to 41, and exposure to Agent Orange during the Vietnam War. Both contributed to his inability to fight off the pneumonia that had set in. Andy died Tuesday, April 19, 2022.

Andy is survived by his only son, Dylan Hutzler, age 32, who still lives in New Orleans. Dylan said, "Andy was a good father, and in the last year of his life he inspired me to get sober from alcohol. We have the same sobriety date. Andy had no pain in the hospital or in his final days. He believed in God, and he did everything he wanted to do. May his soul Rest In Peace." Many SDMG members have made the same comment, "Andy was a good man and will be greatly missed."

Andy's reply, "I'll do anything to help the club," has greatly impressed me about the kind of person he was and the kind of person I now will strive to become. His dedication came through from the day he started attending board meetings without being on the board. This showed he wanted to know how SDMG worked and what it took to help it continue its existence in San Diego and in the lapidary world.

Andy wanted to be involved; in fact, everything he did in his life was by putting himself out there, meeting new people, and getting involved. His life exemplified dedication, commitment, and love for the things he enjoyed doing, for the people he came to know, the friendships he developed, but most importantly, for his one and only son Dylan, whom he loved very deeply, like no other. Andy knew from personal experience what alcohol does to one's life, and he used that experience of getting his life together to inspire Dylan to change his life and become the best that he can be and to enjoy the time he has to its fullest.

The picture shown here of father and son should resonate with everyone who knew Andy as a "portrait in memory" of the greatest of Andy's many successes. To Andy and to Dylan: we salute you!



## NEWS FROM THE ONE & ONLY SAN DIEGO COUNTY FAIR GEMS & MINERALS DEPT.

Anne Schafer, Supervisor  
Jennifer Stapp, Asst. Supervisor

**We are so excited to welcome visitors to the exhibit hall at the Fair after two long years!** We're putting the finishing touches on the installation of the display cases, and our vendors are getting ready to show off their terrific selection of items for sale including gems, minerals, and jewelry. There will be unique collectable and decorative items, which make great, unique gifts.

**The displays will feature full cases filled with spheres**, eggs, faceted gemstones from the Meetpointers, "how to" and "field trip" and birthstones educational exhibits, the "Let Us Give Thanks" dinner from the Rock Feast, beautiful geodes, colorful petrified wood and fascinating mining memorabilia. Of the seven Mixed Display full-case displays entered so far, two are featuring amethyst and rhodochrosite – oh boy!

**In the individual classes, there will be plenty of faceted gems**, petrified wood, the Mineral of the Year **Copper Minerals** entries, fossils, cabochons and carvings. Did I fail to mention jewelry? There are already 11 amateurs competing in "Constructed jewelry with stones." And Southwest Jewelry is popular, too.

### Calling All Demonstrators and Sand Pile Volunteers!

Would you like to go to the San Diego Fair this year for free? Do you like having fun with kids? If so, please contact Jennifer Stapp to sign up for a two-hour shift at our dig for treasures sandbox in the Gem & Mineral area at the Fair.

To accommodate entry and parking, Jennifer has to reserve your spot a minimum of five (5) days ahead of when you'd like to be there. The two-hour shifts are scheduled from 11 am to 1 pm, 1 pm to 3 pm, and 3pm to 5pm. You can reach me by calling between 9 am and 3:30 pm at 858-755-1161 x 2477.

**Remember: All volunteers will receive a free ticket to the Fair.**

[Fair Tickets & Parking Info »](#)

*Questions? Sometimes we have answers! Please contact us:*

**Supervisor Anne Schafer**  
858-586-1637  
[Agate.Annie2@gmail.com](mailto:Agate.Annie2@gmail.com)

**Asst. Supervisor Jennifer Stapp**  
858-829-1723  
[cat333@gmail.com](mailto:cat333@gmail.com)

### Here is the Fair timeline:

<b>First Day of Fair:</b>	Weds., June 8, 11am to 10 pm
<b>Exhibitor Appreciation:</b>	Sat, June 11, Noon to 8 pm
<b>Fair closed days:</b>	Mondays & Tuesdays, except July 4
<b>Last Day of Fair:</b>	Monday, July 4, 11 am to 10 pm
<b>Entry Pickup:</b>	Weds., July 6, 9 am to 8 pm

# Eighteenth Annual Sinkankas Symposium Alexandrite and Other Color-Change Gemstones (Virtual)

Extended through Monday, June 13, 2022

**Last day to Register is June 5, 2022**  
[2022-sinkankas-symposium.eventbrite.com](https://2022-sinkankas-symposium.eventbrite.com)



Rough and cut alexandrite.  
Photo by Robert Weldon. © GIA.

Named for one of the most distinguished and influential figures in gemology and mineralogy, the Sinkankas Symposium is an annual event featuring presentations by specialists working in diverse gem-related disciplines.

The theme of the Eighteenth Annual Sinkankas Symposium is Alexandrite and Other Color-Change Gemstones and will be in a virtual format this year. Recognized specialists in fields ranging from geology and mineralogy to history, treatment, cutting and collecting will present on Alexandrite and Other Color-Change Gemstones.

**Venue:**

The virtual experience will be hosted on the Sinkankas Symposium Eventbrite page. It will feature a menu of 10 pre-recorded 30-minute presentations available for viewing on-demand from Monday, April 25, 2022 until Monday, June 13, 2022. Registration is required to access these presentations.

**Sponsors:**

Gemological Institute of America (GIA), Geo-Literary Society, Gemological Society of San Diego  
April 25 through Monday, June 13, 2022 PDT.

**Registration and Cost:**

Online, \$25.00; open through June 5 at: [2022-sinkankas-symposium.eventbrite.com](https://2022-sinkankas-symposium.eventbrite.com)  
[sinkankassymposium.net](http://sinkankassymposium.net)

**Proceedings:**

A free PDF-version of the proceedings will be available for download on June 30, 2022.  
Printed volumes may be pre-ordered through Monday, June 13, 2022 at:  
[sinkankas.dpidirect.com](http://sinkankas.dpidirect.com)

**\*Speakers & Topics:**

Evan Caplan

Alexandrite, pricing factors and the future market

William Larson

Collecting color-change minerals and gemstones from world localities

Dr. Çağdem Lüle

Diaspore from Turkey

Dr. Sally Eaton-Magaña

Color-change phenomena in diamonds

Niveet Nagpal

Designing with color-change gemstones

Nathan Renfro

The micro-world of alexandrite and other color-change gems

Stuart Robertson

Price trends of alexandrite and other color-change gemstones

Dr. Aaron Palke and Dr. George R. Rossman

Causes of color in color-change gemstones

Wim Vertriest

Overview of the geology and mining of alexandrite

Robert Weldon

Gem photography's biggest challenge: Color-change gemstones

*\*Speakers and topics are subject to change without notice.*

# Sinkankas Symposium Publications (2014 – 2022)

Pre-Order all 8 issues for a limited time:

June 13th is the last chance to order in 2022

*Pre-Order online direct from the print house NOW.*

*Orders ship on July 7, 2022.*

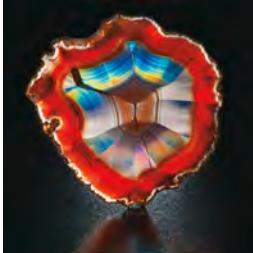
<https://sinkankas.dpidirect.com>

EIGHTEENTH ANNUAL  
SINKANKAS SYMPOSIUM  
Alexandrite and Other  
Color-Change Gemstones



2022 – Eighteenth  
Alexandrite and  
Other Color-Change Gemstones

SEVENTEENTH ANNUAL  
SINKANKAS SYMPOSIUM  
AGATE AND CHALCEDONY



2021 – Seventeenth  
Agate and Chalcedony

SIXTEENTH ANNUAL SINKANKAS SYMPOSIUM  
PEARL



2019 – Sixteenth  
Pearl

FIFTEENTH ANNUAL  
SINKANKAS SYMPOSIUM  
TANZANITE AND TSAVORITE



2018 – Fifteenth  
Tanzanite and Tsavorite

FOURTEENTH ANNUAL  
SINKANKAS SYMPOSIUM  
SAPPHIRE



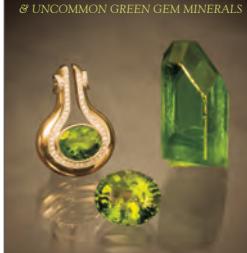
2017 – Fourteenth  
Sapphire

THIRTEENTH ANNUAL  
SINKANKAS SYMPOSIUM  
OPAL



2015 – Thirteenth  
Opal

TWELFTH ANNUAL  
SINKANKAS SYMPOSIUM  
PERIDOT  
& UNCOMMON GREEN GEM MINERALS



2014 – Twelfth  
Peridot and Uncommon  
Green Gem Minerals

ELEVENTH ANNUAL  
SINKANKAS SYMPOSIUM  
RUBY



April 6, 2013 - Carlsbad, California  
2013 – Eleventh  
Ruby (rev. ed. 2014)

**Specifications** 8.25" x 10.75", digital press, full color, soft cover, perfect binding.

**Cost** USD 39.00 ea. + sales tax (where applicable) + shipping (varies based on destination)

**Limited Offer** Orders placed between April 8 and June 13, 2022 will ship by July 7, 2022.  
(Deadlines extended one week. This is the only print run for 2022.)

**Available Issues**

- 2022: Eighteenth – Alexandrite and Other Color-Change Gemstones
- 2021: Seventeenth – Agate and Chalcedony
- 2019: Sixteenth – Pearl
- 2018: Fifteenth – Tanzanite and Tsavorite
- 2017: Fourteenth – Sapphire
- 2015: Thirteenth – Opal
- 2014: Twelfth – Peridot and Uncommon Green Gem Minerals
- 2013: Eleventh – Ruby (revised edition published in 2014)



Please be courteous and call the field trip leader to ask if you may participate in the field trip. Be sure to call again if you decide to cancel, so folks aren't waiting around for you. All CFMS affiliate clubs will ask you to sign a waiver, and you must agree to abide by the AFMS Code of Ethics and listen to directions of the field trip leaders.

**June 4, 2022      Mussel Shoals, CA**

**Sponsor:** Ventura Gem & Mineral Society

**Details & Directions:** [whoscoming.com/vgms/MusselShoals2022.html](http://whoscoming.com/vgms/MusselShoals2022.html)

**Sign up required:** [whoscoming.com/ogms](http://whoscoming.com/ogms)

**Contact/field trip leaders:** David Springer at [CoastalLapidary@gmail.com](mailto:CoastalLapidary@gmail.com)

**Materials:** Brecciated jasper.

**Morning excursion:** 7:30 AM to Noon.

**Destination:** Mussel Shoals is south of Carpinteria, near the offshore oil island (Rincon island), which is connected to shore by an access pier, landmark: Cliff House Inn On the Beach.

**Meeting Place:** At the foot of the Richfield Pier, at the car barriers located immediately above the beach. Arrive by at 7:30 AM sharp to take advantage of the low tide at 8:01 AM.

**What to Bring/What to Expect:** Bring a bucket or backpack to collect as well as a sun hat, sunscreen, beach towel, something to eat and drink.

Lots of rocks and boulders, some with sharp "barnacled" edges, so closed-toe footwear is recommended. Plan on 90 minutes for collecting first thing in the morning. There's about 1/3 mile of beach to scour. Afterwards all are welcome to stay and enjoy a nice mid-morning on the beach.

---

**June 19, 2022      Cerro Gordo Ghost Town, Inyo Mountains on the east side of Owen's Lake, CA**

**Sponsor and field trip leader:** Lone Pine Gem & Mineral Society

**Details & Directions:** [www.yvgms.org/field-trips](http://www.yvgms.org/field-trips)

**Contact/sign-up:** D. Gibbs, via email at [poppyrocks987@gmail.com](mailto:poppyrocks987@gmail.com)

**Materials:** Smithsonite, Malachite, Copper, Chrysocolla, Turquoise, Galena.

**Day Trip/Conditions:** Vehicle in good condition and full of gas; access and parking good for most vehicles and RVs, no specific handicap parking. Quarter to half mile trail to site with moderate difficulty.

**Meet Up:** Meeting time and location, a possible fee, and more information will be posted later.

**What to Bring/What to Expect:** Be sure to bring your bucket, hammer and a small hand rake. There are no services, except outhouses, so bring your lunch and plenty of liquids. The drive is long, so you might want to arrange overnight stay in Lone Pine.

The silver mines of Cerro Gordo were first found by Spanish miners. Over the years this mining area was the richest in California, with over 21 minerals were taken out of the ground. The town was recently bought and the new owner is in the process of restoring the old buildings. You will be searching for minerals on the vast tailing piles.

---



Please be courteous and call the field trip leader to ask if you may participate in the field trip. Be sure to call again if you decide to cancel, so folks aren't waiting around for you. All CFMS affiliate clubs will ask you to sign a waiver, and you must agree to abide by the AFMS Code of Ethics and listen to directions of the field trip leaders.

July 9, 2022 Monastery Hill and Field Road, near Barstow, CA

**Sponsor:** Yucaipa Valley Gem and Mineral Society

**Details & Directions:** [www.yvgms.org/field-trips](http://www.yvgms.org/field-trips)

**Contact/sign-up:** D. Gibbs, via email at [poppyrocks987@gmail.com](mailto:poppyrocks987@gmail.com)

**Materials:** Jasper, agate, jasp-agate, petrified wood, manganese, bubbly psilomelane, quartz, perhaps also epidote, malachite, calcite, and brown jasper, which was the source of the gold.

**Day Trip/Conditions:** The roads are dirt and 2WD cars will do fine. Make sure your car is in good shape and full of gas. It is summer time and the rattlesnakes and scorpions are out. Watch where you step and put your hands. If the weather is too hot, this trip will be canceled.

**Meet Up:** 9AM at Eddie's World, under the big ice cream sundae. (Off I-15, north side of Fwy, after Barstow, near Yermo.)

**What to Bring/What to Expect:** Bring your buckets and rock hammers, lunch and snacks, and plenty of liquids to drink. Be sure to wear a hat and bring the sunscreen.

The two sites along Field Road were the best places to find colorful jaspers and agates long before Lavic Siding was discovered. The area along the road is picked over, but good material can still be found walking in any direction from the road. Saint Antony Monastery was the first Coptic monastery outside of Egypt. Between our two sites is the Alvord Mountains and the old Alvord Gold Mine. The road is too rough to drive up to the site, so you'll have to walk about half a mile to the mine. It looks like someone dumped loads of tailings on the road to keep people out, as there is a miners' house with the stone walls still standing.

## Silver Pick Field Trip

(actually, it's a Rock Sale in Pittsburgh, California)

Treasures collected over 30 years of adventures

at the home of Betty and Dick Pankey

dickpankey@juno.com or 925-439-7509

Unique Garden Rocks • Lapidary Rough • Slabs • Minerals • Specimens • Equipment & Tools

## Two weekends in August

Friday, Saturday, Sunday

August 5 – 7 and August 12 – 14

8:00 AM to 4:00 PM

*Monday thru Thursday by appointment*

4310 Kingsly Dr., Pittsburg, CA 94565

**Directions:** In Pittsburgh, take Buchanan Rd. to Suzanne (stoplight), turn south and follow signs with orange paper plates. Go south about 1/2 mile and turn right on to Kingsly Dr.

Petrified Wood	Garden Rocks	Quartz	Fossils	Magazines & Books
Obsidian	Desert Roses	Slabs	Specimens	T-Shirts
Agates	Drill Cores	Rhyolite	Tools & Supplies	Posters
Jasper	Jade	Geodes & Nodules	Findings	<i>and much more</i>
Volcanics	Chalcedony	Minerals	Grit & Polish	
Wonderstone	Bertrandite	Crystals		

## ON THE GO ... TO A SHOW



### JUNE .....

#### 11-12 ESCONDIDO, CA – Palomar Gem and Mineral Show

**Sponsor:** Palomar Gem and Mineral Club

**Venue:** California Center for the Arts

340 N. Escondido, Escondido 92025

**Hours:** Sat, 10am – 5pm; Sun, 10am – 4pm

**Contact:** [tonifloyd41615@gmail.com](mailto:tonifloyd41615@gmail.com) or 425-281-6218

**Web:** [palomargem.org](http://palomargem.org)

Faceted gems, Slabs, Cabochons, Unique custom jewelry, Rare and common minerals, Fossils, Rough, Beads, Crystals, exhibits, Demonstrations, prizes.

#### 25 BELLFLOWER, CA – Delvers Rock

#### Lapidary Extravaganza

**Sponsor:** Delvers Gem & Mineral Society

**Venue:** Holy Redeemer Lutheran Church

14515 Blaine Ave., Bellflower, CA 90706

**Hours:** 10am – 4pm

**Admission & Parking:** Free

**Web:** [www.facebook.com](http://www.facebook.com)

Parking lot sale featuring gems, minerals, equipment, odds and ends. Come One, Come All -- Support your local rock club.

### JULY .....

#### 16-17 CULVER CITY, CA – CR&MC Fiesta of Gems – “Amazonite”

**Sponsor:** Culver City Gem & Mineral Society

**Venue:** Veterans Memorial Auditorium

411 7 Overland Ave., Culver City, 90230

**Hours:** Sat, 10am – 6pm; Sun, 10am – 5pm

**Contact:** [BradSmithJewelry@gmail.com](mailto:BradSmithJewelry@gmail.com)

**Admission & Parking:** Free

**Web:** [culvercityrocks.org/fiesta.htm](http://culvercityrocks.org/fiesta.htm)

Thirty-six vendors plus exhibits, workshops, demonstrations, games, hourly prizes, grand prize on Sunday, books, tools, stones, rough, cabs, slabs, spheres, beads, minerals, findings, finished jewelry, and much more.

## JOHN E. GARSOW

### gems & minerals

June 11 – 12, 2022

#### Palomar Gem & Mineral Show

California Center For The Arts Escondido

340 N. Escondido, Escondido 92025

Fri. & Sat. 10 am – 5 pm

Sun 10am – 4 pm

Facet Rough • Cabbing Rough

Mineral Specimens

[www.johngarsow.com](http://www.johngarsow.com)

### AUGUST .....

#### 20-21 ARCADIA, CA – “Inspiration Unearthed”

#### 62nd Annual Tournament of Gems

**Sponsor:** Pasadena Lapidary Society

**Venue:** Arcadia Masonic Center

50 W. Duarte Rd., Arcadia, CA 91007

**Hours:** Sat, 10am – 6pm; Sun, 10am – 5pm

**Contact:** Ellen Ferrell, [ellenbf2007@aol.com](mailto:ellenbf2007@aol.com) or 727-512-0381

**Admission & Parking:** Free

**Web:** [www.pasadenalapidary.org](http://www.pasadenalapidary.org)



# **Lapidary Estate Sale**

**June 11 and 12, 2022, 9 am - 5 pm**

**1506 Oak Dr., Space 79**

**Vista, CA 92084**

**Liquidating 60-Year Collection**

- Laguna/Botswana/Moctazuma Agate**
- Fire Agate/Rutilated Quartz**
- Turquoise/Chrysocolla from AZ mines/Persian Turquoise from Iran**
- Jaspers/Montana Agates**
- Misc. Polished & Unpolished Cabs, Slabs & Jewelry**

**760-219-4340**



## Mineralogical Society of Southern California

### Myanmar: A Journey to the Source of the Jade

George R. Rossman

Professor of Mineralogy  
California Institute of Technology

Friday, June 10, 2022  
7:30 PM

### ZOOM MEETING

Friday, June 10, 2022, 7:30 PM

Registration required.

Please Email Program Chair **Rudy Lopez**  
**No later than June 7, 2022**  
[programs@mineralsocal.org](mailto:programs@mineralsocal.org)  
In the subject line of your email,  
please include:  
“JUNE ZOOM Meeting”

MYANMAR, FORMERLY BURMA, has long been known as a country that produces spectacular mineral and gem specimens of world-class quality. When a question arose about determining if lavender color in jade is natural or artificial, it was desirable to obtain a sample of lavender jade at the mine where it would be free of any treatment. Dr. Rossman was presented with an opportunity to travel to Myanmar and to go to the major jade mining district near the city of Hpakant. We will have a chance to follow his trip from Yangon, north to Mandalay, and then to the northern part of the country, where we will visit some of the spectacular sights of Myanmar along the way. We will visit both former and active ruby and spinel mines and finally arrive at the large-scale jade mines where much of the world's jadeite is obtained. Also, we will hear a bit about the science behind the formation of these gems and how their color is researched.



GEORGE R. ROSSMAN is Professor of Mineralogy in the Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, California. He got his B.S. degree in Chemistry and Mathematics from Wisconsin State University, Eau Claire, and his Ph.D. from Caltech in Chemistry. His principal research interests deal with the use of spectroscopic probes to study minerals. His work addresses problems relating to the origin of color phenomena in minerals; spectroscopic methods for phase identification; and the special role of metal ions in minerals. He and his students also develop analytical methods for OH analysis and they examine the mode of incorporation of hydrous components in solids and their role in modifying physical and chemical properties. He is also interested in the long-term effects in minerals from the exposure to background levels of natural radiation.



**Above.** Fei-ts'ui Imperial jade ring and cabochons. Courtesy Pala International; photo: Wimon Manorotkul.

**Left.** Spinel octahedron perched on marble matrix with worn crystals, from Myanmar. Courtesy of L. Thoresen.

### MSSC 2022 Summer Meeting Schedule via ZOOM

July 8	Howard Heitner Minerals in 19th century America
August 12	Scott Braley Collecting at the Red Cloud Mine in Lincoln County, New Mexico
September 9	Wes Andree JMDC: A gem of the Inland Empire

## Public Lands Update

by Lisbet Thoresen

Public Lands Representative for SDMG

May 27, 2022

### The DAC Meeting in May

THE DESERT DISTRICT Advisory Council (DAC) of the BLM met on Saturday, May 14, 2022. The agenda included updates and presentations by council members, the BLM California Desert District Manager, five BLM Field Managers, and an energy industry expert.

The virtual all-day Zoom meeting was lightly attended: only 12 participants from the public to start, and just nine by the end of the day. Rockhounds were at least three of the nine participants who stayed to participate in the public comment period scheduled for the late afternoon. Given the abysmal turnout, DAC Member Jim Bagley urged the DAC to ask the BLM to resume in-person DAC meetings starting with the next scheduled meeting on August 27, 2022. Currently, the Dept. of Interior has the start date set in October. Bagley also stressed the importance of resuming the Friday field tours that customarily precede the Saturday DAC meetings.

The May DAC meeting agenda is posted online at: [go.usa.gov/xugTJ](http://go.usa.gov/xugTJ).

BLM managers from each of the Desert District field offices presented highlights from their full reports, which are posted online at: [on.doi.gov/3t04vPs](http://on.doi.gov/3t04vPs). Starting May 31st, all BLM offices will be open five days a week. See below meeting highlights that may affect recreational activities on public lands managed by the BLM in California's Desert District.

### Overview of Desert Renewable Energy Conservation Plan (DRECP)

Greg Miller and Brandon Anderson; Amy Fesnock is BLM's DRECP implementation coordinator

The presentation on the DRECP was a 35,000-foot overview of the goals of the largest land use planning guideline in California state history. For Rockhounds familiar with the commenting process during the drafting phase that ended in February 2015, we were reminded of the DRECP's intent to balance renewable energy projects sited in the desert

with access or preservation concerns of Stakeholders, which includes recreational users, tribal values (archaeology and culture), grazing interests, biologists, and conservationists. The DRECP will have to be reconciled with planning proposed for all other land use projects, proposals, and designations, including national monument designations that are located in California's deserts. The reconciliation of DRECP with disparate projects is expected to be fraught with complications (DRECP is 12,000+ pages). The West Mojave Route Network Project is also supposed to be reconciled with both DRECP and any targeted management planning as well. It remains to be seen what comes out in the wash for each and every project.

Since the DRECP was made final in September 2016, the permits issued for industrial scale renewable energy projects, especially solar, have sky-rocketed. BLM cites the rationale for this proliferation in California being the current administration's mandate to achieve 100% energy independence based on renewables as soon as possible. DAC member Richard Holliday, whose background is in the energy industry dating back 30+ years, offered an informed perspective on how it's going in California. He pointed out that a fabulous amount of solar has been powered down in California because the "frequency cannot be controlled in the system," i.e., California has more solar, with more production capacity than can be used. At the present time, it cannot be stored, so building more projects without also solving the storage problem is basically a wasteful enterprise.

### Battery energy storage systems

Paul Denholm, researcher, National Renewable Energy Laboratory

Mr. Denholm gave a polished presentation of the history and current state of battery energy storage systems. Given his background, it is hardly surprising that he favors industrial scale solutions, not residential, explaining that resiliency and back-up provide economic and practical advantages over that of local homeowner storage systems. This reviewer (LT) wonders if the economic advantages that redound to the utility companies will be passed to customers or instead will be passed along as a surcharge. If you look at your electricity bill, the lion's share of the charges are for transmission/delivery, not electricity.

Maybe it's different with battery storage, but I have a hunch the charge to consumers will be hefty for the battery component of renewable energy transmitted from utility scale projects sited far from consumers in population centers.

Denholm's responses to questions from DAC members were glib, if not blithe. For example, Richard Holliday (the DAC member with more than three decades experience in the energy industry) asked about recycling and hazardous waste management of toxic battery components. Denholm said it was a self-solving problem due to the value of the component materials.

What does that mean? How exactly do difficult problems solve themselves? There are plenty of superfund sites throughout the US designated for clean up after high value mineral mining created disastrous toxic spills and contamination of waterways and ground water. High value "components" from other mineral mining enterprises have plenty of documented intrinsic vice associated with their procurement and mishandling of the hazardous waste they've produce over the past 150 years or so. If battery components (i.e., minerals containing rare earth elements) are intrinsically different, it warrants an explanation of how.

DAC member Jayne Powell voiced concerns about fire associated with battery mining, storage, and installation. Denholm trivialized the concern, saying the newness of the technology makes it seem worse than it is. Powell is not a sensationalist, so Denholm's dismissive response strained credulity.

Currently, batteries are not a component of most solar projects, but they will be soon, so mining for rare earth minerals and solutions for storage and hazardous waste disposal will soon be an important variable in the "green" energy equation. The same applies to hydro-pumping, which will be part of the next generation solutions – another favorite of Denholm's. Siting and pumping will impact all living things – flora, fauna, and people. It is hard to see how access to places we're used to visiting won't be adversely impacted as well.

#### **BLM Geothermal Leasing Process**

**Caroline Woods (for Sylvia Ringer), El Centro Field Office, Lands, Minerals and Recreation**

The presentation explained procedures for submitting applications and BLM granting of licenses, typically

for 10 years, with all submittals entertained by vetted commercial applicants. Ryan Chatterton answered questions about this presentation. Richard Holliday pointed out that only 0.4% of energy in California in 2021 came from geothermal. He favored geothermal over solar and wind as the least adversely impactful to the landscapes and environments where they are sited.

This reviewer's takeaway from these energy-related presentations is our deserts are going to be targeted for an unprecedented proliferation of industrial scale renewable energy projects the likes of which we haven't seen to date. And we won't be worrying only or mainly about solar, with its special problems. We'll have battery, wind, and geothermal, each of them bringing their own unique form of insult to the environment and pristine desert landscapes. Each footprint will have an associated easement for transmission corridors to connect them to related projects such as battery connected to solar, and in turn, to the grid. If anyone who loves the deserts has difficulty visualizing what this will look like and what it will do to our public lands, look next door in Nevada. (For a useful, regularly updated resource, see: [www.basinandrangewatch.org](http://www.basinandrangewatch.org)).

#### **Rockhounding event at Hauser Geode Beds with Imperial Valley Gem & Mineral Society**

**Ryan Chatterton**

It was encouraging to learn about BLM co-sponsoring a Rockhounding event.

#### **Standing the DAC subgroups DAC members**

Mojave Trails Natl Monument (MTNM) was the only one of three subgroups with enough applicants to stand up a subgroup at the May meeting. The nomination period for Dumont Dunes and Imperial Dunes was extended. If you are interested in applying or know anyone who is, look for the application links on the DAC website at: [on.doi.gov/2WnAPNS](http://on.doi.gov/2WnAPNS).

The Mojave Trails subgroup includes a slate of experienced participants familiar with BLM's route plans and land use planning products. The subgroup will provide input to the DAC, which in turn will provide recommendations to the BLM on its management plan for the monument. Gregor Losson represents gem and mineral hobby collecting interests. This is a positive development.

## Nominations now open for DAC positions

Randy Banis was voted Chair at the last DAC meeting. He has been a tireless advocate for recreational users for many years, and he is deft at negotiating the bureaucratic processes of land use planning and its products.

The council can accommodate up to 15 seats. Some now stand vacant, while several others expire soon.

## Mojave Trails National Monument Countdown: Two Years From NOW to a Final Management Plan

It will be important for Rockhounds to participate during every step of the management planning process over the next two years. We'll be playing an active role and coordinating with **Gregor Losson**, who will be advocating Rockhounding interests to the DAC via the Mojave Trails subgroup.

Collaboration with members of other societies and groups is certainly welcomed. National monuments belong to everyone, not only the local residents where a monument is located. **Got questions?** Contact Lisbet at [editor@sdmg.org](mailto:editor@sdmg.org).

There will be calls to action when the public will be invited to submit comment letters. We need to be ready. It will help for members of our community to show up to meetings in numbers that reflect our years of input on planning processes such as DRECP and WEMO RNP, which overlap the footprint of Mojave Trails. When the time comes, please consider enlisting your society's support by signing onto letters advocating the preservation of recreational access to collecting areas in Mojave Trails.

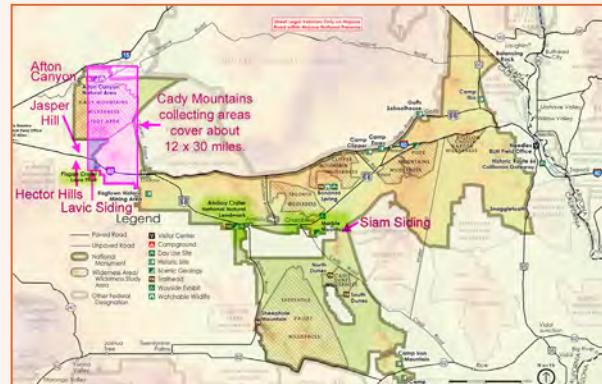
The management planning effort for Sand to Snow National Monument will be coordinated with the process for MTNM; although, it's a little behind MTNM currently. (Sand-to-Snow was created at the same time as Mojave Trails and is co-managed by the BLM and the Forest Service.)

If you have experience or subject expertise applicable to public lands policy, please consider applying. DAC members serve three-year terms. The applications and specifications for nominee qualifications can be found on the BLM web page for the DAC at:

[on.doi.gov/2WnAPNS](http://on.doi.gov/2WnAPNS)

### Planning Schedule for MTNM through ROD

Fall/Winter 2022	Notice of Intent
Summer 2023	Draft MMP / EA
Winter 2023	Proposed MMP / Final EA
Summer 2024	Approved MMP / ROD



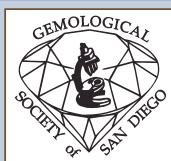
Collectiong areas highlighted in the Mojave Trails National Monument. Source: BLM, with annotations by L. Thoresen.

Join SDMG's mailing list to stay abreast of public lands-related news. Longform articles and reports appear in the monthly bulletin (September – June).

Check the topics that interest you, including "public lands" to receive public lands-specific updates and Calls to Action, such as signing onto comment letters:

<http://bit.ly/sdmg-signup>

**GEMOLOGICAL SOCIETY  
of SAN DIEGO**



**GSSD General Meeting**

Monday, June 6, 2022

7:00pm SDMG Building

Agenda for the June meeting will be Agates. Please bring snacks to share.

**This 'n' That...**

**General Announcements**

SDMG Board Meeting  
June 20, 2022, 7:00pm SDMG Bldg.

Spring classes end June 30. Some instructors will have summer classes.

Check with your instructor with questions.  
(see schedule at the end of this bulletin)

COVID-19 restrictions were lifted in San Diego County about a month ago and they have not changed. We continue to ask students to respect their instructor's requests regarding social distancing and masking. All students must agree to abide by school rules and sign a waiver. If you have any questions, please speak with your instructor and/or email the [SDMG president](#).

**SDMG-GSSD Library**

SDMG Bldg.  
Donna Beers

**Hours:**

Wednesdays, Noon to 3 PM in June  
Closed for the Summer

*Reference use only, no lending.*

**Access the catalog online at:**

<https://cloud.collectorz.com/sdmgmerklib/books>

**Who may use the Library?**

Membership is not required to view the catalog, but only **SDMG or GSSD** members may come use the reference library.

**2022 – 2024 SLATE**

**SDMG OFFICERS AND DIRECTORS**

The Nominating Committee has selected the following slate of four (4) officers and seventeen (17) directors for the two-year term from July 1, 2022, to June 30, 2024. This slate satisfies the requirements of the San Diego Mineral and Gem Society Bylaws in that the people named are members in good standing and have agreed to be nominated.

For President: Dave Smith

For Vice-President: LuAnn H. Benton

For Secretary: Ellen Riceman

For Treasurer: Anne Schafer

**For Board of Directors:**

Andy Anderson	Doug Peeler
Bill Brisebois	Dave Rose
Bob Hancock	Nita Sani
Mark Herman	Larry Shute
Yvonne Juarez	Jennifer Stapp
Simon King	Tim Swann
John Kruzel	Paul Williams
Itziar Parramon	Rich Yarbrough
Jim Parrish	

No petitions for alternate candidates were received at the May 16, 2022, Board of Directors meeting, the deadline for submitting such petitions. In the absence of petitions for alternate candidates, the above nominations will carry forward to the General Meeting in June, where they will stand. I would like to thank all the members of the Nominating Committee for their service.

– LuAnn H. Benton  
Chair, Nominating Committee

## SDMG BOARD MEETING HIGHLIGHTS

May 16, 2022

*This meeting was conducted via GoToMeeting, and was called to order at 7:03 p.m. by President David Smith.*

**Present electronically:** President David Smith and Board members LuAnn Benton, David Lipson, Wayne Moorhead, Jim Parrish, Doug Peeler, Ellen Riceman, Nita Sani, Anne Schafer, Jennifer Stapp, Paul Williams and Jill Williamson. A quorum was present. **Excused:** Bob Hancock and Sally Parrish. **Guests:** Lee Jackson and Lisbet Thoresen.

**President's report:** David Smith reported that our membership numbers are up. Our general meetings have increased attendance. Interest in starting class appears to be constant, with some classes at the limit of space.

**Membership:** Angie Cannon reported a total SDMG membership of 621, including 51 Juniors.

**City Liaison:** Jim Parrish advised the Board that we are on the City's Park & Rec. Dept. list to have the SDMG Museum's east door replaced.

**Museum curator:** Motion carried unanimously to allow the Tom Helfrich dino bone collection to be displayed at the San Diego County Fair. Motion carried unanimously to allow the SDMG fluorescent mineral display case and contents to be loaned to the San Diego County Fair.

**Juniors:** David Smith reported that nine Juniors attended the most recent class. Twenty-nine people attended the Junior Field Trip to the Oceanview Mine in April.

**School Director / School Liaison:** Wayne Moorhead recommended contacting Jim Claypool to find out when supplies are running low.

**Donations:** (1) Dave Smith reported that a lady in Casting Class donated a Facetron base, along with various parts, and that progress is being made on creating a Fantasy faceting machine.

(2) Paul Williams received a donation of 12 buckets of rough rock, placing them in the office. (3) Jim Parrish received a small box of miscellaneous items and tools from John Attard.

**Public Lands:** Lisbet Thoresen reported that the clock is ticking; in about 24 months, the BLM proposes to have a final management plan for the Mojave Trails National

Monument (MTNM). Be prepared to comment on the draft plans forthcoming. Gregor Losson is representing hobby collecting on a new MTNM subgroup, which advises the DAC, which in turn, advises the BLM on public concerns. Losson has 10+ years experience working the West Mojave Route Network Project and DRECP.

**Friendship:** LuAnn Benton will write an In Memoriam article for Andy Anderson, with photos and info from his son, Dylan. In September, she will spotlight Denny Turner.

**Editor:** Lisbet Thoresen requested that photos and summaries from General Meetings be provided for publishing in upcoming Pegmatites. Also requested were monthly updates to COVID policies; David Smith to provide info to Lisbet.

**December Nights:** Jim Parrish has received no word yet on the status of this event, and will speak to the new employees at Park & Rec.

**Christmas Potluck:** Jennifer Stapp expects that we will be able to hold the Potluck; she has the receipt for the fee paid in 2019.

**BBQ:** The BBQ is postponed until 2023. More volunteers are needed in order to hold the event.

**San Diego County Fair:** Anne Schafer reported that 262 entries were received this year. She advised contacting Jennifer Stapp to obtain info about Fairgrounds parking passes and free tickets for demonstrators and sand pile volunteers, and to schedule a shift.

**Unfinished Business:** LuAnn Benton presented the work of the School Management Committee. Motion carried unanimously to accept this portion of the new Operating Manual as written.

David Smith to contact instructors to see who will be teaching this summer, and to forward the list to Lisbet Thoresen.

**New Business:** Motion carried unanimously to appoint Lee Jackson to fill Andy Anderson's position on the Board through June 30, 2022.

*(Any member may attend Board meetings. The next one is scheduled for June 20, 2022, at 7 p.m. and will be held via GoToMeeting. Please contact Jim Parrish at [info@sdmg.org](mailto:info@sdmg.org) to be added to the attendance list.)*

## SDMG Membership...

### New Applications & Renewals for 2022–2023

The membership year “officially” starts on July 1 and ends the following year on June 30. There is no pro-rating of dues so it doesn’t matter when you sign-up or renew – all memberships for 2021–2022 will expire on June 30, 2022. The new membership year starts on July 1, 2022.

#### Get an early start and renew or apply now.

There are two ways to apply for or renew your membership –

1.) Send a check with your membership form to the membership secretary. The renewal form can be found on the **SDMG** website at:

[sdmg.org/pdf/sdmg-membership-app-and-renewal.pdf](http://sdmg.org/pdf/sdmg-membership-app-and-renewal.pdf)

**OR**

2.) Sign up online using major credit cards via PayPal. Visit the SDMG website for details at:

[sdmg.org/sdmg-membership/](http://sdmg.org/sdmg-membership/)

Membership renewals are usually mailed to current members in late May or early June, and are typically “due” before classes begin in September, because people must be current members to attend fall classes. Some just pay their membership dues in class, on the day they show up, which is fine.

#### Subscribe yourself to the eNewsletter at:

<http://bit.ly/SDMG-news>

*Published from September thru June  
at the same time as*

*The Pegmatite bulletin (PDF online version)*

**(Members, you must subscribe yourself,  
we cannot do it for you!)**



## CLASSIFIED ADS

### OCEANVIEW MINE

#### TOUR & SCREENING TRIPS: *CALL FOR CURRENT SCHEDULE*

For more information  
please visit [digforgems.com](http://digforgems.com)  
or call Jeff Swanger at 760-415-9143  
Reservations required.  
\$75. Adults    \$60. Children (ages 5 to 11)  
Family rates available.

### HIMALAYA MINE TAILINGS:

#### *CALL FOR SCHEDULE/HOURS OF OPERATION*

At the Lake Henshaw Resort on Highway 76.  
Adults, \$75 per day. Kids 12-15, half price.  
Screening tables, buckets, and shovels provided.  
Call (775) 830-5797  
or (775) 772-7724 for more info  
[www.highdesertgemsandminerals.com](http://www.highdesertgemsandminerals.com)

## WEBSITES

**SDMG:**  
[sdmg.org](http://sdmg.org)

**CFMS:**  
[cfmsinc.org](http://cfmsinc.org)

**AFMS:**  
[www.amfed.org](http://www.amfed.org)

**PUBLIC LANDS:**  
[www.amlands.org](http://www.amlands.org)

**BLM:**  
[www.blm.gov/california](http://www.blm.gov/california)

**BOB'S ROCK SHOP:**  
[www.rockhounds.com](http://www.rockhounds.com)

**MUSEUMS:**  
[www.sdnhm.org](http://www.sdnhm.org)      [nhm.org](http://nhm.org)  
[www.amnh.org](http://www.amnh.org)      [naturalhistory.si.edu](http://naturalhistory.si.edu)  
[www.gia.edu](http://www.gia.edu)

# WEST COAST GEM & MINERAL SHOW

Holiday Inn-Orange County Airport  
2726 South Grand Avenue ♦ Santa Ana, CA 92705

November 11-12-13, 2022

Fri & Sat 10 AM to 6 PM

Sun 10 AM to 5 PM

(Wholesale closes at 4 PM on Sunday)



Property of Rock N Spheres

80 Select Retail  
& Wholesale Dealers

Minerals ♦ Gems ♦ Lapidary ♦ Beads ♦ Jewelry  
Fossils ♦ Decorator Pieces ♦ and much more!

FREE ADMISSION ♦ FREE PARKING ♦ OPEN TO THE PUBLIC

[www.MineralShowsLLD.com](http://www.MineralShowsLLD.com)

[mineralshowslld@gmail.com](mailto:mineralshowslld@gmail.com)



# KRISTALLE

Est. 1971

*Wayne and Dona Leicht*

WE ARE CASH BUYERS FOR SINGLE SPECIMENS AND ENTIRE COLLECTIONS!

875 North Pacific Coast Highway - Laguna Beach, CA 92651

949.494.5155 - fax: 949.494.0402

e-mail: [info@kristalle.com](mailto:info@kristalle.com)

# Thomas M. Schneider Quality Gemstones



**861 6th Avenue, Suite 517  
San Diego, CA 92101**

**[www.tmsgems.com](http://www.tmsgems.com)**

**Ph: 619-232-2624**

**Fax: 619-232-2213**

**THE SINKANKAS SYMPOSIUM**  
[sinkankassymposium.net](http://sinkankassymposium.net)

“The best gem mineral symposium  
 in North America.”  
 – John Koivula



ELEVENTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 RUBY

April 6, 2013 - Carlsbad, California



TWELFTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 PERIDOT  
 & UNCOMMON GREEN GEM MINERALS



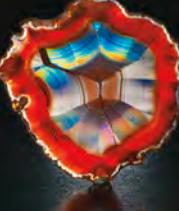
THIRTEENTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 OPAL



FOURTEENTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 SAPPHIRE



FIFTEENTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 TANZANITE AND TSAVORITE



SIXTEENTH ANNUAL  
 SINKANKAS SYMPOSIUM  
 AGATE AND CHALCEDONY

## AL'S OPAL IMPORTS & LAPIDARY

3684 Fairmount Avenue  
 San Diego, CA 92105

619 282-1700

Al Ramirez, proprietor  
*U.S. Navy WWII South Pacific veteran*



### Unmounted Australian and African Opals

- Lapidary equipment new or used
- Tumblers, diamond blades, belts and grits
- Rough rock for faceting, slabbing or tumbling
  - Recycle your gold or silver jewelry into new designs or repair
- A variety of finished jewelry in silver or gold
  - Faceting gemstones

*All work done on premises*

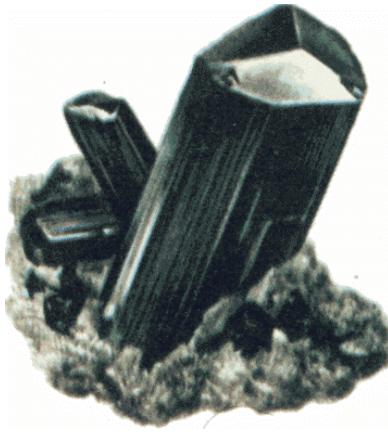
*Layaway Available*



#### HOURS:

Monday thru Friday  
 8:30am to 3:30pm

Saturday  
 9:00am to 1:00pm



## MinersGallery.com

Rock Slabs, Bulk rock, Crystals, Jewelry,  
Fossils, Gems and Petrified Wood.

Phone: (619) 445-0800

richard@minersgallery.com

[www.minersgallery.com](http://www.minersgallery.com)



Minerals and crystals from around the world

\* ROCKS \* MINERALS \* GEMS \* JEWELRY MAKINGS \*

\* LARGEST INVENTORY \*

\* \* BEST QUALITY \* \*

\* LOWEST PRICES \*

\* NEW ARRIVALS DAILY \*

## SOUTH AMERICAN IMPORTS

Direct Importers

2461 San Diego Ave. #104

Tel: (619) 299-3877

San Diego, CA 92110

OPEN EVERY DAY!

In Old Town, in Coyote Café Shopping Center

# Village Silversmiths

Bead Work  
Jewelry  
Slabs

1770 Village Place  
Balboa Park  
San Diego, CA 92010  
619 239-8812

Carvings  
Rocks  
Cabs



**DIAMOND PACIFIC**  
TOOL CORPORATION

2620 West Main St. Barstow CA 92311

Our business is putting fun and pride  
into your lapidary hobby or profession  
by making the right tools for your needs



**Astounding Selection of Minerals  
& Fossils from Around the Globe**

**MINERS GEMS**

Experts in Geology, Gemology & Paleontology

World Famous Gold Rush  
Rock Shop & Mining Museum

Daily Mineral Panning and Geode Cutting

Educational Programs Available

In Old Town San Diego State Historic Park  
2616 San Diego Avenue, San Diego CA 92110  
619-688-1178  
[minersgemsandminerals@cox.net](mailto:minersgemsandminerals@cox.net)  
[www.minersgemsandminerals.com](http://www.minersgemsandminerals.com)



SAN DIEGO MINERAL & GEM SOCIETY  
SPRING 2022 - CLASS SCHEDULE  
Jan 3, 2022 – Jun 30, 2022

**Signing up for classes:** Prospective students must contact the instructor prior to attending class; click on the instructor's name to send them an email. The instructor will let the student know if there is room in class, if there is a waiting list, what materials or tools are required, and if proof of COVID-19 vaccination or use of masks or face coverings are required.

**Class fees:** Adults: \$6 per 3-hour class. \$8 per class if longer than 3 hours.

Juniors: \$1 per class.

Cash or checks only, please.

Instructors may require prepayment of class fees per month, or per semester.

**Classes are open to SDMG members only.** Students must read and follow the **School Rules**, available in the classroom and at <https://sdmg.org/class-schedule/school-rules.pdf>

<a href="#"><u>CABOCHONS</u></a>	Tue	6:00 pm – 9:00 pm	<a href="#"><u>Steve Wright</u></a>
	Wed	9:00 am - 11:30 am	<a href="#"><u>Jim Claypool</u></a>
	Wed	12:30 pm - 3:30 pm	<a href="#"><u>Simon King</u></a>
	Wed	6:00 pm - 9:00 pm	<a href="#"><u>Nita Sani</u></a>
	Thu	9:00 am – 12:00 pm	<a href="#"><u>John Kruzel</u></a>
<a href="#"><u>FACETING</u></a>	Tue	6:00 pm – 9:00 pm	<a href="#"><u>Tim Sandiford</u></a>
	Wed	9:00 am - 11:30 am	<a href="#"><u>Bob Hancock</u></a>
	Wed	6:00 pm - 9:00 pm	<a href="#"><u>Tim Sandiford</u></a>
	Thu	6:00 pm – 9:00 pm	<a href="#"><u>Bill Brisebois</u></a>
<a href="#"><u>ADV. FACETING</u></a>	Wed	12:00 pm - 3:00 pm	<a href="#"><u>Donna Beers</u></a>
<a href="#"><u>BEG. METALS FABRICATION</u></a>	Mon	5:00 pm - 8:00 pm	<a href="#"><u>Lloyd Steven</u></a>
	Tue	6:00 pm – 9:00 pm	<a href="#"><u>Yvonne Juarez</u></a>
	Wed	6:00 pm – 9:00 pm	<a href="#"><u>Tim Swann</u></a>
	Thu	1:00 pm - 4:00 pm	<a href="#"><u>Denny Turner</u></a>
<a href="#"><u>ADV. METALS FABRICATION</u></a>	Wed	9:00 am – 3:00 pm	<a href="#"><u>Denny Turner</u></a>
	Wed	9:00 am - 3:00 pm	<a href="#"><u>Jackie Leverone</u></a>
	Thu	7:00 pm - 9:00 pm	<a href="#"><u>Ellen Riceman</u></a>
	Fri	9:00 am - 3:00 pm	<a href="#"><u>Jill Williamson</u></a>
<a href="#"><u>CASTING</u></a>	Tue	9:00 am - 2:00 pm	<a href="#"><u>Dave Smith</u></a>
	Fri	7:00 pm - 9:00 pm	<a href="#"><u>Rich Yarbrough</u></a>
<a href="#"><u>ROCK CARVING</u></a>	Mon	9:00 am – 3:00 pm*	<a href="#"><u>LuAnn Benton</u></a>
<a href="#"><u>SPHERE MAKING</u></a>	Sat	1:00 pm - 4:00 pm	<a href="#"><u>Paul Williams</u></a>
<a href="#"><u>JUNIORS</u></a>	Sat	9:30am - 12:30pm	<a href="#"><u>Dave Smith</u></a>

\*Rock Carving may be taken as a full 6-hour class from 9 - 3, or as a 3-hour class from 9-12 or 12-3



SAN DIEGO MINERAL & GEM SOCIETY  
SUMMER 2022 - CLASS SCHEDULE  
Jul 1, 2022 – Aug 31, 2022

**Signing up for classes:** Prospective students must contact the instructor prior to attending class; click on the instructor's name to send them an email. The instructor will let the student know if there is room in class, if there is a waiting list, what materials or tools are required, and if proof of COVID-19 vaccination or use of masks or face coverings are required.

**Class fees:** Adults: \$6 per 3-hour class. \$8 per class if longer than 3 hours.

Juniors: \$1 per class.

Cash or checks only, please.

Instructors may require prepayment of class fees per month, or per semester.

**Classes are open to SDMG members only.** Students must read and follow the **School Rules**, available in the classroom and at <https://sdmg.org/class-schedule/school-rules.pdf>

<u>CABOCHONS</u>	Tue	6:00 pm – 9:00 pm	<a href="#">Steve Wright</a>
	Wed	9:00 am - 11:30 am	<a href="#">Jim Claypool</a>
	Wed	12:30 pm - 3:30 pm	<a href="#">Simon King</a>
	Wed	6:00 pm - 9:00 pm	<a href="#">Nita Sani</a>
<u>FACETING</u>	Wed	9:00 am - 11:30 am	<a href="#">Bob Hancock*</a>
	Wed	6:00 pm - 9:00 pm	<a href="#">Tim Sandiford</a>
	Thu	6:00 pm – 9:00 pm	<a href="#">Bill Brisebois</a>
<u>ADV. FACETING</u>	Wed	12:00 pm - 3:00 pm	<a href="#">Donna Beers*</a>
<u>BEG. METALS FABRICATION</u>	Tue	6:00 pm – 9:00 pm	<a href="#">Yvonne Juarez</a>
	Wed	6:00 pm – 9:00 pm	<a href="#">Tim Swann</a>
	Thu	1:00 pm - 4:00 pm	<a href="#">Denny Turner</a>
<u>ADV. METALS FABRICATION</u>	Wed	9:00 am – 3:00 pm	<a href="#">Denny Turner</a>
	Wed	9:00 am - 3:00 pm	<a href="#">Jackie Leverone</a>
	Thu	7:00 pm - 9:00 pm	<a href="#">Ellen Riceman</a>
	Fri	9:00 am - 3:00 pm	<a href="#">Jill Williamson</a>
<u>CASTING</u>	Fri	7:00 pm - 9:00 pm	<a href="#">Rich Yarbrough**</a>
<u>SPHERE MAKING</u>	Sat	1:00 pm - 4:00 pm	<a href="#">Paul Williams**</a>
<u>JUNIORS</u>	Sat	9:30am - 12:30pm	<a href="#">Dave Smith</a>

\*Mike Harkleroad Subbing 7/5 - 8/15/22.      \*\*Unavailable from 6/8 – 7/4/22



**San Diego Mineral & Gem Society**  
A Non-Profit Educational and Scientific Organization  
1770 Village Place, Balboa Park  
San Diego, CA 92101-1651  
[sdmg.org](http://sdmg.org)

### **WELCOME!**

The SDMG Building  
is located  
at the north end of  
Spanish Village  
in Balboa Park

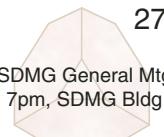
SDMG Museum hours:  
11:00am to 4:00pm

Get information  
on classes, events,  
field trips, reports,  
reviews, slideshows  
and more at:  
[sdmg.org](http://sdmg.org)

### **ADDRESS SERVICE REQUESTED**



### **THE PEGMATITE – JUNE 2022**

<b>Sun</b>	<b>Mon</b>	<b>Tue</b>	<b>Wed</b>	<b>Thu</b>	<b>Fri</b>	<b>Sat</b>
	29	30	31	1	2	3
	5	6	7	8  SD County Fair Opening Day 11AM Del Mar Fairgrounds	9	10
	12	13	14	15	16	17
	19	20  SDMG Board Mtg 7pm, SDMG Bldg	21	22	23	24
	26	27  SDMG General Mtg 7pm, SDMG Bldg	28	29	30 SDMG Spring Classes end	1 SDMG membership apps & renewals due
						2