# The Carmel Valley PROSPECTOR!

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The June meeting will be the June Picnic at Whispering Pines Park, Monterey-Sunday, June 4, Noon



#### THE CARMEL VALLEY PROSPECTOR \* NEWSLETTER OF THE CARMEL VALLEY GEM & MINERAL SOCIETY, INC.

P.O. Box 22756, Carmel, CA 93922-0756 CLUB WEBSITE: CVGMS.ROCKS NEWSLETTER CONTRIBUTIONS:saylor@redshift.com

| Elected Officers & Board of Directors- 2017 |                            |           | Committee Chairpersons- 2016 |                          |          |
|---|----------------------------|-----------|------------------------------|--------------------------|----------|
| PRESIDENT                                   | Susie Harlow               | 637-0735  | SHOW                         | Board of Directors       |          |
| VICE-PRESIDENT                              | Sally Eastman 375-8194     |           | PROGRAM                      | Board of Directors       |          |
| TREASURER                                   | Jill Kahlow                | 646-9933  | FIELD TRIPS                  | Jay House                | 372-1011 |
| RECORDING SECRETARY                         | Janis Rovetti              | 372-1311: | SUNSHINE                     | Janis Rovetti            | 372-1311 |
| CORRESPONDING SEC.                          | Matt Biewer                | 659-4156  | PUBLICITY                    | Janis Rovetti            | 372-1311 |
| FEDERATION DIRECTOR                         | Karin Salomon              | 375-5233  | <b>DRAWING TABLE</b>         | Matt & Barbara Biewer    | 659-4156 |
| BULLETIN EDITOR                             | Rich Saylor                | 372-9215  | REFRESHMENTS                 | varies each month        |          |
| DIRECTOR 2018                               | Adrienne Pimentel 375-6360 |           | SCHOLARSHIP                  | Talma Taormina           | 375-1477 |
| DIRECTOR 2019                               | Jay House                  | 372-1011  | MEMBERSHIP                   | Jay House                | 372-1011 |
|   |                            |           | CUSTODIAN                    | Matt Biewer              | 659-4156 |
|   |                            |           | LIBRARIAN                    | Richard Franco           | 402-2106 |
|   |                            |           | WEBMASTERS                   | Richard & Cynthia Franco | 402-2106 |

#### **CLUB INFORMATION:**

**ANNUAL DUES:** Adults (21 & over) \$15, Couples \$20, Juniors (high school) \$1, and Pebble Pups (grade school or younger)- Free **INITIATION FEE:** \$10 plus \$5 each additional family member (includes "stinkin' name badges!")

MEMBER OF: California Federation of Mineralogical Societies, American Federation of Mineralogical Societies (CFMS & AFMS)

CLUB MINERAL: Gold CLUB COLORS: Green & Gold CLUB GEMSTONE: Botryoidal Jade

SOCIETY PURPOSE: The Carmel Valley Gem and Mineral Society is a nonprofit organization dedicated to promoting the study of mineralogy and geology, to encourage the collecting of specimens and the practice of the lapidary arts, to promote responsible field excursions to mineral locations, and to further the education of all. And remember, please...Tread Lightly! CLUB NEWSLETTER: Permission is given to quote any item in <a href="The Prospector">The Prospector</a> provided proper credit is given. Please contact the editor for permission to reprint original articles in their entirety, which are to be considered as being copyrighted. Rich Saylor, editor & publisher. Contributions, which are ALWAYS welcome, & (nice!) comments may be sent to saylor@redshift.com

**Carmel Valley Gem & Mineral Society** general monthly meetings: **2nd** Friday, 7:00 PM; guests & visitors are welcome. Board meetings are held at 6:00 PM, before the General Meeting. Members are welcome to attend.

#### SUPPORT OUR LOCAL CLUBS:

The Santa Cruz Mineral & Gem Society meets on the 2nd Wednesday of each month, at 7:00pm, Live Oak Grange Hall, 1900 17<sup>th</sup> Ave., Santa Cruz. Their website is <a href="https://www.SCGMS.org">www.SCGMS.org</a> for club info & their newsletter, The Lapidarian.

The Salinas Valley Rock & Gem Club meets on the 3<sup>rd</sup> Monday of each month, 7 PM, at the North Minster Presbyterian

Church, 315 East Alvin Drive, Salinas. Guests & visitors welcome. For club information & their newsletter, the club website is <a href="https://www.salinasrockandgem.com">www.salinasrockandgem.com</a>. Also contact Karin Salomon, 375-5233. Guests and visitors are welcome. Annual SVR&G Show: March 11-12, 2017, Veterans Hall, Spreckels. (2<sup>nd</sup> weekend in March). Modest admission charge, FREE parking.

# **2017 CVGMS Monthly calendar (MONTHLY MEETING DATES):** PLEASE NOTE, ALL DATES TO BE CONFIRMED, especially June (auction) and December (Christmas Dinner).

January: Friday the 13th February: Friday the 10<sup>th.</sup>

March: Friday the 10th. The Newark show will be on Mar. 3~5. See page 9. Carpooling is suggested. The Spreckels show

is March 11 & 12; see page 10.

**April:** Friday the 14th

May: Friday the 21st (was changed)

June: Sunday, June 4 Annual picnic & Rockhounding Auction- Whispering Pines Park, Monterey

July: Friday the 14th August: Friday the 11th

Sept.: Friday the 8th (General Meeting) 57th ANNUAL CVGMS GEM SHOW, SATURDAY & SUNDAY, 23- 24 SEPTEMBER

October: Friday the 13th

November: Friday the 10th - THE ANNUAL CVGMS AUCTION!

December: Sunday the 3<sup>rd</sup> (?- TBA) THE ANNUAL CHRISTMAS DINNER & INSTALLATION OF 2018 OFFICERS

# The Carmel Valley PROSPECTOR!

May-June 2017 Volume 57, Numbers 5 & 6

#### Message from the President

Hi CVGMS members,

Our June picnic is just around the corner! It's Sunday, June 4 at Whispering Pines Park on Pacific St. in Monterey. We will open up the park at 11:00am and eat around noon. As in the past, the club provides hot dogs and hamburgers and water. You all provide the side dishes, dessert and bring your own plates & utensils and whatever you wish to drink...we also will have an auction and we've decided to change it a bit from the usual 'white elephant' sale (meaning typical garage sale stuff) to more rock related items. The auction is really fun so I hope everyone will be able to contribute something. We also lowered the fee a bit to \$3 adult and \$1 kids 12 & under. It's always a fun day and a way to get to mingle with club members and go home with a treasure! Hope to see you all there!!

Thank you Talma for sharing with us what you do so well in the classroom! We all learned something and can appreciate how the club is getting kids excited about the earth and its treasures and hopefully motivating them to get outside and "look for rocks"...the real life, tactile experience beyond the I-pad screen! And a double 'thank you' to Talma for also bringing the treats.

I'd also like to thank the Coles and Biewers for a really fun activity last month, the gem trees!! They all turned out so well! And each one so unique! I was also glad to have several members from the Salinas club join us that night! I would love to have you take pics of your trees and send them to Rich so he can include them in the July newsletter.

I hope to see you all at the picnic June 4th! And remember, the picnic is our June 'meeting' so don't come to the PG Museum the 9th! :)

(Ed.: please note that as Whispering Pines Park is a designated BBQ/Picnic Area, alcoholic beverages are permitted by the city, if you prefer something besides water. The announcement at the last meeting that the city has a "no alcohol" rule at that particular park was regrettably in error, which was confirmed by reading the actual city regulations and confirming that with a call to the City of Monterey. So if you'd like to bring a bottle of vino along, why not?)

Susie Harlow, CVGMS President

#### CVGMS BOARD MEETING: April 21, 2017

Call to Order: Meeting called to order by President, Susie Harlow.

Present: Susie Harlow, Barb & Matt Biewer, Talma Taormina, Jay House, Mike Cole, Sally Eastham, Jill Kahlow, and Janis Rovetti.

Correspondence: Matt received a flyer for a gem show the "Jackpot of Gems" that is being put on by the Reno Gem & Mineral Society and will be May 6 & 7, 2017.

Membership: Jay reports 3 new members, Mark, Amy, and Vi Ziebell. Welcome to the Ziebells! We are so very glad you joined our club.

Treasurer's Report: Jill gave the treasurer's report. It was M/S/P to pay the current bills. Jill gave us all a P&L year-to-date statement.

Federation: Karin was not here tonight but I will include information that the Ventura Gem & Mineral Society is hosting the CFMS/AFMS Show that takes place from June 9-11, 2017 in Ventura.

Scholarship: Talma did a school presentation at Forest Grove 3rd grade classroom last week on "Earth Oven" and will be doing "Fossils & Dinos" this week, and both of these presentations at the same time the following week.

Sunshine: Talma reported to the board that Adrienne had a small stroke and was at CHOMP. Our club sent Adrienne both a get well card and a Gem Book.

Old Business: The fluorescent display is now set up upstairs at the PG Museum. Rich Saylor asked the Board about reaching out to the Salinas Club to try to generate more material, pictures, stories, etc. for our Prospector. It sounds like a great idea!

New Business: We discussed possible program ideas starting in July. April will be a hands on activity making gem trees! And then the Biewer workshop will be the weekend right after the April 21 general meeting. It will be both Saturday and Sunday.

March Program: The annual Quartzsite & Tucson Members Show and Tell.

April Program: We will be making our own gem trees, courtesy of Barb Biewer!

May Program: Talma and/or Susie will give a talk about the Earth Oven presentations.

June Picnic: The BBQ picnic will be June 4, 2017 at Whispering Pines Park.

The meeting was adjourned. The next board and general meeting is April 21, 2017.

Janis Rovetti, Recording Secretary

#### **CVGMS BOARD MEETING: May 12, 2017**

Call to Order: Meeting called to order by President, Susie Harlow.

Present: Susie Harlow, Sally Eastham, Barb & Matt Biewer, Jay House, Mike Cole, Jill Kahlow, Adrienne Pimentel, Karin Salomon, Talma Taormina, and Janis Rovetti.

Correspondence: Matt received a Secretary of State notice of suspension/forfeiture that we apparently did not pay by the deadline. Jill took the notice and will go online and pay the fee and most likely a penalty which is for our club's non-profit status. Matt sent out the vendor contracts and they are starting to pay for their spaces.

Membership: Jay reports 3 new members, Yu Zhang, Yi Wang, and Emily Zhang. We want to give you a big Welcome to our club!

Treasurer's Report: Jill gave the treasurer's report. It was M/S/P to pay the current bills. Jill gave us all a P&L year-to-date statement.

Federation: Karin reports that Camp Paradise is coming up in August and September. There are fun crafts, a swimming pool, and fun to be had by all who attend! Plus, the annual CFSM show is being put on by the Ventura Gem Society and is from June 9-11, 2017 in Ventura.

Scholarship: Talma is working on doing presentations at Marshall School. Susie has given presentations at McKinnon School in Salinas.

Sunshine: Mike Cole reported that his Dad, Ewell Cole, passed away.

Old Business: We re-discussed program ideas and will followup on a couple of possibilities.

New Business: We discussed the picnic next month. Karin will get the hamburgers and hot dogs and buns, Susie will bring the condiments, Janis will bring the water, and Mike will bring the firewood and cooking utensils. Janis will get those out of the trailer. Susie put a question out to the general meeting if the club still wanted a "white elephant" auction, a "rock related" auction, or no auction. The club voted to have a rock related auction.

May Program: Talma and Susie are giving a talk about the Earth Oven presentation.

June Picnic: The BBQ picnic will be June 4, 2017 at Whispering Pines Park.

The meeting was adjourned. The next board and general meeting is July 14, 2017.

Janis Rovetti, Recording Secretary

## MEMBERSHIP REPORT... Jay House, Membership Chairman

There were 25 members attending the April meeting, making gem trees!) . Guests (many from the Salinas club) attending the April meeting were:

Gary & Teri Beck, Linda Blair, Ashley & Cindy Stefani, Yu, Yi & Emily Zhang, Jeannie Nelson, Hoku Ayers, Lisa Staatenburg, Todd Poile, Susan Rockwell (Rich Saylor's cousin), and Elizabeth Murdock.

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# **Ewell Cole**

Longtime Life Member Ewell Cole passed away on 25 April. Ewell had been in declining health, but over the years he has been a wonderful friend and member of the Carmel Valley Gem & Mineral Society. His electrical assistance (and other expertise) at our September shows at the Fairgrounds for many, many years will not be forgotten! His extensive obituary appeared in the 3 May 2017 edition of the Monterey Herald.

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# AND FROM THE SALINAS CLUB...

Hi Rich, this is Jeannie Nelson from the Salinas Valley Rock and Gem Club.

Karin Salomon said that you would like some info from our upcoming events (small that they are) Here is a what we have so far:

BBQ/WORKSHOP DATES HAS BEEN CHANGED - BBQ is now July 16th; more info coming

workshop is on July 9th -open workshop at BECK's ranch

Train demonstrators for next years show at meetings/workshop- any volunteers?

#### future workshop/shows:

- June 4th open workshop at noon, BECK'S ranch
- June 4<sup>th</sup>- the Carmel club has invited the Salinas club to their summer picnic at noon @ Whispering pines park, Pacific st. Monterey
- Hamburgers, hotdogs furnished by club. \$3 adult and \$1 kids under 12

Please bring plates and utensils for yourself, a side dish to share (appetizer, veggie, dessert), your beverage of choice; water will be provided, After lunch, there will be a rock related auction; if you can, please bring a donation of a rock or rocks, or rock-related supplies or equipment, to help support the club and its scholarship fund and activities.

- CFMS Ventura show June 9-11 cfmsinc.org for info

- June 19 meeting/workshop, 7pm

-still up in the air, but have asked Jeffrey Appling to give a talk about pearls and how they are formed. Hopefully we'll learn how to re-string pearls and/or make pearl bracelets

- July 9 is open workshop at the BECK's ranch
- -July 16th is BBQ at the BECK'S ranch
- -July 17th meeting/workshop
- -chain mail bracelets/necklaces

#### **FUTURE MEETINGS/WORKSHOPS:**

- -making tree of life necklaces
- -bead bugs

still working out the particulars, hard when working full time and studying for a degree. If you have any questions please don't hesitate to email me. I try to look at my email every couple of days.

thanks.

Jeannie Nelson, President SVRGC

Hello Everyone,

#### IMPORTANT NOTICE!!!!!

June 19th meeting has been changed to JUNE 26TH 7PM due to the church's week long bible study. Please make a note of it.

Jeannie Nelson

**SVRGC President** 



## Ventura Rocks the Nation!

### National Show of the American Federation of Mineralogical Societies

Sponsor: Ventura Gem & Mineral Society, a 501(c)3 nonprofit, educational organization

Dates & Times: Fri.-Sat., June 9 & 10 (10 AM to 5 PM), Sunday, June 11 (10 AM to 4 PM)

Show Address: Ventura County Fairgrounds, 10 W. Harbor Blvd., Ventura, CA 93001

Admission: Adults, \$7.00 (3-day pass, \$18.00), Seniors 60+ & Military, \$6.00 (3-day pass, \$15.00)

Juniors (13-17), \$4.00 (3-day pass, \$9.00), Kids 12 & under, free with paid adult

(Note: The Fairgrounds also charges a parking fee if parking in the Fairground lot.)

Chair/Contact: Diane Cook, (805) 312-8467, info@ygms.org

Website: www.2017CFMS-AFMSShow.com

Ventura Mayor Erik Nasarenko will cut the ribbon to welcome everyone



So...often someone will bring a rock to a meeting and ask, "what kind of rock is this"? And someone might say, "well, it looks like jasper to me..."

## **EXACTLY WHAT IS JASPER, ANYWAY?**By Rich Saylor

Looking up "jasper" on Wikipedia, we find:

"Jasper, an aggregate of microgranular quartz and/or chalcedony and other mineral phases, is an **opaque**, impure variety of silica, usually red, yellow, brown or green in color; and rarely blue. The common red color is due to iron inclusions.

<u>Color:</u> Red, Green, Black, Brown, Blue, Yellow, White, Grey, Orange <u>Luster:</u> Vitreous Crystal system: Hexagonal crystal system Chemical formula: SiO2 (Silicon dioxide)

<u>Hardness (Mohs hardness scale):</u> 6.5 – 7 <u>Mineral class:</u> Chalcedony <u>Transparency:</u> Opaque **Well, what about agate? Isn't that mostly quartz, too...?** OK, back to Wikipedia:

"Agate is a kind of quartz and it is a mineral. Agate can come in many different kinds and colors. Agate deposits are primarily found in large rocks such as boulders. agates take 50 million years to form. It is characterized by colored band patterns inside various rocks. Often, agates are also accompanied by amethyst deposits inside as well as quartz-like crystals occurring in larger deposits."

So, what's the difference between agate and jasper? Back to Wikipedia:

"How to tell the difference between Jasper and an Agate? ... When chalcedony is concentrically banded it is called an agate. Occasionally the banding is larger than the crystal and the banding is not visible- like with most carnelian. Another sub-variety of chalcedony is opaque quartz called jasper."

**Wait, wait:** WHAT'S CHALCEDONY ??? "Chalcedony (commonest pronunciation: "kal-sed-oh-nee") is a cryptocrystalline form of silica, composed of very fine intergrowths of quartz and moganite. These are both silica minerals, but they differ in that quartz has a trigonal crystal structure, while moganite is monoclinic. Chalcedony's standard chemical structure (based on the chemical structure of quartz) is SiO2 (silicon dioxide).

Chalcedony has a waxy luster, and may be **semitransparent** or **translucent**. It can assume a wide range of colors, but those most commonly seen are white to gray, grayish-blue or a shade of brown ranging from pale to nearly black. **The color of chalcedony sold commercially is often enhanced by dyeing or heating.** (So **watch out** when buying...Ed.)

The name chalcedony comes from the Latin chalcedonius (alternatively spelled calchedonius). The name appears in Pliny the Elder's Naturalis Historia as a term for a translucid kind of Jaspis. The name is probably derived from the town Chalcedon in Asia Minor. The Greek word khalkedon also appears in the Book of Revelation (Apc 21,19). It is a hapax legomenon (the term for a word found nowhere else) so it is hard to tell whether the precious gem mentioned in the Bible is the same mineral known by this name today."

#### Good grief, Charlie Brown- enough, already!! (Sorry I asked! Whew!) - Ed.

Anyway, here are a few images, but trust me, you won't believe how many different forms of each- not to mention colors- there are. No wonder the answer sometimes is..."it's a rock". Darn: -Ed.







Jasper



Agate

# **TRIPS**

From Susie Harlow...

Here are photos from some shows I've attended... The Ventura Show, where I always enjoy staying at the Nancy & Jim B-T B&B...Spencer ID opals... a unique pendant of Benitoite/Neptunite rough, tiny tiny Aquamarine & sapphire turtles (VR Cutters), and from the Santa Cruz show tiny bi-color seahorses from Steve Perry. From the Spreckels show, a Larimar ring (Beverly Marynak) and fun making a chain maille bracelet, taught by Karen Salomon.

















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# And from Sky Paxton...

I've been bitten by a casting bug. Now I spend my time making wax models to turn into silver. I've been casting with stones in place or carving seats for stones that I set after they are out. (Send us some photos, Sky!!!- Ed.)

Sky (831) 262-8044

## ROCK SWAP...

Hello.

I'm a member of the Spring River Gem & Mineral Club in Cherokee Village, Ar. We are, so far, the largest contingent of rock hounds in the state. We hope that your club or someone in your club is interested in rock swapping and will do so with us.

Should you pass this information on to other "rockers", not in your club, who may be interested, it would be most appreciated.

We swap varying sizes of mineral/fossil specimens that were collected on club field trip digs, and individual club member's field trip digs.

Each specimen is individually wrapped and identified. Each box should be a minimum of 10#. You can ship 10# in a medium size, flat rate, USPS box for approximately \$12.00. We try to have the rocks shipped on the same day so we receive them accordingly.

We have been doing this for some time and have received unbelievable amounts and kinds of rocks from all over the country. Gemmers have commended us on our selections. I am sure you will like these "gems".

Should you decided to exchange rocks with us, it will be like Christmas all over and the only time the rocks come to us instead of us going to the rocks.

Anxiously awaiting your reply, I remain,

Patricia A. Kimball-SRGMC; kimballp.lpga@gmail.com (870) 847-3771

# STUFF FOR SALE...

I'll be selling a collection of rocks and equipment, plus other household items at my house, 32945 Bryant Cyn Rd, Soledad, this coming May 29. Included in the sale is a 24 inch rock saw. Thank you- Karen Jones (831) 678-0337; cell (831) 206-2937

#### SUPPORT OUR LOCAL ROCK SHOPS...

PENINSULA GEM & JEWELRY: Gem & Jewelry Supplies, custom jewelry designs.

Open Tuesday thru Saturday; closed Sunday & Monday. 2245 N. Fremont St., Monterey

WEBSITE: www.peninsulagemandjewelry.com (831) 375-3027

ROCK & BEAD BAZAR: Gallery & studio, custom jewelry designs, custom beadwork.

Open Monday thru Saturday, closed Sunday. 26384-86 Rancho Lane, near The Barnyard; close to the "Yellow Brick Road" thrift shop. WEBSITE: www.rockandbeadbazar.com (831) 620-1299

# **SHOWS & EVENTS OF INTEREST:**

#### PLEASE VERIFY ALL SHOW INFORMATION BEFORE ATTENDING!

This month, only Calif. events are listed. For more information about each show & out-of-state listings, please go to: rockngem.com or cfmsinc.org PLEASE NOTE THAT COMMERCIAL (non-club) SHOWS aren't generally listed, but can be found at above websites.

PLEASE NOTE: MOST SHOWS HAVE DISPLAYS, DEALERS, DEMOS, KID'S STUFF, RAFFLES, SNACK BARS & SO FORTH, SO THEY'VE BEEN DELETED FROM THE ADS (EXCEPT FOR OUR SHOW!) TO SAVE SPACE IN THE PROSPECTOR. CALL THE CHAIRPERSONS FOR EXACT DETAILS! ONLY UNUSUAL OFFERINGS (FIELD TRIPS, ETC.) HAVE BEEN KEPT IN THE ADS.

#### **June 2017**

- 2-4—BIG BEAR LAKE, CALIFORNIA: Annual show; Minerals in the Mountains, Big Bear Lake Convention; 42900 Big Bear Blvd.; Fri., Sat. 9-5, Sun. 9-4; Admission \$7, Seniors/Students/Children free; "Minerals in the Mountains" is the first Mineral show at Big Bear Lake for 20 years. This is an opportunity to attend a mineral show in the surroundings of beautiful Big Bear Lake in Southern California. Contact Janet Roberts, (909) 547-0010; e-mail: janet@gemsofthewest.co; Web site: gemsofthewest.co
- 2-4—LA HABRA, CALIFORNIA: Annual show; North Orange County Gem and Mineral, La Habra Senior Center; 101 W La Habra Blvd; Fri. 5-8, Sat. 10-5, Sun. 10-5; Free Admission; Exibits, raffle prizes. Unique gems/rocks/jewelry, supplies & tools. Geode cutting. Food and grab bags. Supporting the Youth Committee and Scholarship Program.; contact Armando Pedroza, (909)-455-6800; e-mail: foresrandsun@yahoo.com
- 3-4—GLENDORA, CALIFORNIA: Annual show; Glendora GEMS, Goddard Middle School; 859 E. Sierra Madre; Sat. 10-5, Sun. 10-4; Free Admission; contact Bonnie Bidwell, (626) 963-4638; e-mail: <a href="mailto:ybidwell2@aol.com">ybidwell2@aol.com</a>
- 3-4—ESCONDIDO, CALIFORNIA: Annual show; Palomar Gem & Mineral Club, California Center for the Arts, Escondido; 340 N. Escondido Blvd; Sat. 10-5, Sun. 10-4; Adm. \$5; cont. Dawn Vickers; e-mail: 2017pgmcshow@palomargem.org; Web site: http://palomargem.org/Documents/GemShow2017.pdf
- 9-11—VENTURA, CALIFORNIA: Show; Ventura Gem & Mineral Society (AFMS show), Ventura County Fairgrounds; 10 W. Harbor Blvd.; Fri. 10-5; Adults \$7, Seniors \$6, Students \$4 (age 13-17), Children under 12 free The entire nation of "rockhounds" will converge on Ventura for this special nationwide event; contact Diane Cook, (805)312-8467; e-mail: info@VGMS.org; Web site: <a href="https://www.vgms.org">www.vgms.org</a>

#### <u>July 2017</u>

8-9—CULVER CITY, CALIFORNIA: Annual show; Culver City Rock and Mineral Club, Veterans Memorial Auditorium; 4117 Overland Ave.; Sat. 10-6; Free Admission; Our Fiesta of Gems Show offers over 35 gem and mineral dealers from California, New Mexico, and Arizona who will sell minerals, gems, slabs, cabochons, beads, and jewelry findings. The Culver City Rock and Mineral Club members will exhibit gem and mineral works of art, jewelry pieces, and private collections of gems and minerals. There will be classes throughout the weekend introducing various techniques of jewelry making.; contact Janice Metz, 4117 Overland Blvd., Culver City, CA 90230, (310)-850-4398; e-mail: janicemtz@yahoo.com; Web site: //www.culvercityrocks.org/fiesta.htm

### August 2017

19-20—SAN FRANCISCO, CALIFORNIA: Annual show; San Francisco Gem & Mineral Society, SF County Fair Building; 9th Avenue & Lincoln Way; Sat. 10-6, Sun. 10-5; Adults \$10, Students/Seniors \$8, Children under 12 Free with paid adult; 63rd Annual Show, this year honoring the fabulous gems and minerals of the Far East. Demonstrations by club members, activities for kids, food cart in the courtyard. There is a parking garage right across 9th Avenue, and easy transit access via several bus lines along Lincoln Way and the N-Judah light rail just one block away on Irving Street. Discount coupon for adult admission on our website.; contact Ellen Nott, 4134 Judah Street, San Francisco, CA 94122; e-mail: ellen\_nott@yahoo.com; Web site: www.sfgemshow.org

FOR MORE INFORMATION, UPDATES & OUT-OF-STATE LISTINGS,
PLEASE GO TO "ROCK & GEM" ONLINE